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1935 Permits Highest In Four Years

Bay Bridge to be Completed This Year

Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

January 4, 1936

Vol. XIX—No. 53

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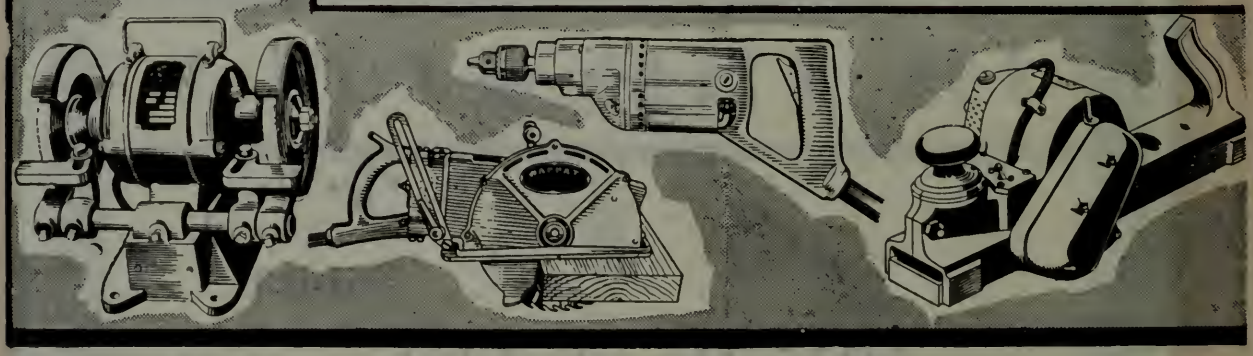

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Vol. XVIII 19 SAN FRANCISCO, CALIF., JANUARY 4, 1935 No. 1

CITY TO START $758,000 PROGRAM OF STREET WORK

First Contracts Aided By PWA Fund Ready For Advertising

The first contracts in San Francisco's $759,000 PWA program of street improvements will be ready for advertising immediately after the first of the year and the balance of the program placed on the market shortly thereafter, according to City Engineer John J. Casey.

Of the total cost of the program, which Casey estimated at $759,681, the city will provide $417,825 and PWA will furnish $341,856.

Most of the projects are located in the industrial district around the San Francisco-Oakland bay bridge approach. Immediate improvement of these streets is necessitated by the scheduled completion of that structure in November, 1936.

Seventeen projects, including paving, roadway resurfacing and sidewalk narrowing, are planned. Following is a list of the projects and the estimated cost of each:

Paving	
Anza Street cut through to St. Rose's Avenue	$ 41,181
Roadway Resurfacing	
Seventh Ave., Lawton to Lincoln Way	$ 16,900
Spear Street, Embarcadero to Howard Street	14,770
Steuart Street, Embarcadero to Mission Street	10,030
First Street, Embarcadero to Brannan Street	5,000
Roadway Resurfacing and Sidewalk Narrowing	
Folsom Street, Embarcadero to Tenth Street	$105,300
Harrison Street, Embarcadero to Fifth Street	85,400
Battery Street, Embarcadero to Market Street	75,000
Fifth Street, Mission to Townsend Streets	57,340
Eighth Street, Townsend to Market Streets	56,120
Sixth St., Townsend to Mission Streets	48,800
First Street, Market to Harrison Streets	45,000
Beale Street, Embarcadero to Market Street	43,920
Fremont St., Market to Harrison Street	43,000
Bryant Street, Second to Fifth Streets	42,700
California Street, Presidio to First Avenue	34,760
Eighteenth Street, Guerrero to Danvers	34,460

JANUARY 15 NEW PWA DEADLINE

The deadline for awarding contracts on PWA projects is advanced definitely to January 15, State PWA Director A. D. Wilder has been notified. The extension from Dec. 15 was granted to permit many applicants to qualify projects which could not be placed under contract earlier. Jobs which have not reached the contract stage by January 15 are due to lose their allotments and the money may either be reapportioned to other applicants or turned into the general fund of the Treasury, Mr. Wilder said.

Work will start on virtually all PWA projects in Northern California before that date, according to current progress. Nearly all projects on which original bids were rejected have been readvertised for opening within the next two weeks.

$1,000,000 For Continued Work On Boise Project

Work on the Payette division of the Boise Federal reclamation project in Idaho, halted recently due to a report of insufficient unemployed labor was available in the vicinity of the construction, will be resumed, Secretary of the Interior Harold L. Ickes has announced. A recanvass of the labor situation has disclosed that adequate labor is available, according to Secretary Ickes.

The Payette division has received an allotment of $1,000,000 from work relief funds for construction of irrigation works. Award of contract for construction of four tunnels of the Black Canyon Conduit, delayed pending a survey of the labor situation, is expected in the near future.

October shipments of hand fire extinguishers numbered 31,556, as compared with 24,007 in October last year, and 17,996 in October 1933 the Bureau of the Census reports.

1935 BUILDING PERMITS HIGHEST IN FOUR YEARS

Eastbay Cities Report Totals Double Previous Twelve Months

Building permits issued in San Francisco and Oakland during 1935 reached the highest total in four years.

San Francisco, reporting a 12-month total of $11,344,783, shows an increase of more than fifty percent from 1934, the low period of the depression. The total was slightly higher than in 1933 and about $1,500,000 over 1932.

Oakland reported permit values in 1935 more than double the value of 1934. The depression low in the Eastbay city was reached in 1933 and a moderate gain was reported in 1934. But the last year has brought the volume back nearly to the 1931 level. The 1935 total was $6,666,916, compared with $2,802,136 in 1934.

Berkeley permits likewise were twice the value of those in 1934. The city reported a twelve-month total of $1,354,384 in 1935, compared with $659,650 in 1934.

San Francisco permits in December included a $200,000 apartment building, the largest contract of this class awarded since 1929. The building will be a Class A structure, located at Broadway and Buchanan Streets. It was designed by Architect H. C. Baumann. Meyer Construction Company is contractor.

Single-family dwellings, as represented by the total for frame construction, for which permits were issued in December are valued at $416,718. It is the largest total for December in any year since 1930 and is the best for any month of the past year excepting October. Ninety-five permits of this class were granted.

Public building contracts totaled $345,623 during the month, including the awards for a headquarters building of the 1938 Bay Exposition and the Girls' gymnasium at Polytechnic High School.

Bay Crossing Contracts To Be Completed in 1936

World's Greatest Bridge Will Be Opened In November

Only eleven months more and the construction of the world's largest bridge will be California history.

This is the essence of the 1936 New Year's Day report to Governor Frank F. Merriam, chairman of the California Toll Bridge Authority, by State Director of Public Works Earl Lee Kelly.

Despite the pace of the 30-hour week and the obstacles which nature places in the way when man seeks to set new engineering frontiers in defiance to the hazards of deep water and dizzy heights, the world's largest bridge will finish ahead of schedule. By November, 1936, Chief Engineer C. H. Purcell expects to have finished cleaning up the newly paved decks of the bridge so that the bridge may be opened to traffic during November.

Thus far approximately $40,000,000 has been expended on the bridge and approaches. During 1936 the bridge proper and its approaches —— representing $61,600,000 at present estimates—will have been completed and the remaining $15,000,000 worth of work which represents the cost of the interurban railway on the bridge will, if present negotiations with the railroads and R.F.C. are successful, be well under way. The railway portion of the bridge will not be completed until after the highway decks have been opened up to the traveling public.

"The building of this world's greatest $77,600,000 bridge between San Francisco and Oakland," Director of Public Works Kelly said, "and its sister bridge, the $35,000,000 Golden Gate Structure, sets in motion the tidal wave of public interest in California which is to produce a tremendous Exposition on a specially made island in San Francisco Bay in 1938. The entire west is tributary to these great bridges and California is the special beneficiary. The engineering wonders of these two record-breaking structures have turned the eyes of the world on America, on California, and on San Francisco Bay—just as Boulder Dam has turned the spotlight on Los Angeles. The State of California is proud to present to California this San Francisco - Oakland Bay Bridge which, eminent authorities have said, will hold its place as the greatest bridge in the world for one thousand years. During its first year we expect the bridge to carry 6,000,000 vehicles, and full prosperity only needs to return to give the bridge an annual passenger traffic of 50,000,000 persons."

S. F. BAY BRIDGE PROGRESS SCHEDULE

Chief Engineer C. H. Purcell reports units of the San Francisco - Oakland Bay Bridge will be completed during 1936 as follows:

West Bay Distribution Viaducts—Complete April 1.

Distribution Buildings in Oakland Tidelands — Complete July 1st.

East Bay Bridge — Cantilever closed March 7.

Paving West Bay — Complete May 7.

Yerba Buena Island — Upper deck of tunnel and all Island work, including tunnel — Complete June 1.

West Bay Bridge—The Twin Suspension Bridges (East Bridge and West Bridge) over the West Bay Channel, between San Francisco and Yerba Buena Island; the west half will be completed first, with all of its spans hung from the cables by March 15, and the steel floor in by April 15. The East Bridge, between the concrete center anchorage and the Island, 23¾-inch cables for which are now being spun, will have its decks hung by June 15 and its floor steel in by July 15; and all paving in the West Bay will be complete by September 15.

San Francisco Approaches — Complete by July 1.

Entire Bridge (exclusive of railways)—Paved by September 15 and cleaned up ready for traffic by November, 1936.

Work completed in 1935 is listed as follows:

East Bay: Five 504-foot through truss spans, east and west cantilever anchor arms, west cantilever arm, completed in 1935.

Yerba Buena Island: Three 300-foot deck truss spans over the east side of the Island completed in 1935 together with towers supporting them. The vehicular tunnel thru Yerba Buena Island was fully excavated and lined with concrete by the end of 1935 and construction of the upper deck started. At the beginning of 1935 the vehicular tunnel was in the stage where three small excavations (two at the bottom and one at the crown) had been bored through the wall and the concrete footings for part of the side walls poured. Therefore, during 1935 it may be said that

Rail System And Interurban Construction To Start This Year

save for three pilot tunnels, entire excavation of the Yerba Buena Island tunnel was accomplished. In the category of concrete work, all but the footings for the side walls were poured during the year 1935—the footings having been laid in the Fall of 1934. Similarly, all the concrete viaduct at the east portal of the tunnel, a section of the bridge approximately 800 feet long, was built during 1935.

West Bay: At the start of 1935, the last of the foundation work was being done; some concrete was still being poured at Pier A near Beale Street, San Francisco; and the concrete center anchorage, a mile off the San Francisco shore, was being raised by the superstructure contractor to the height where it was to be taken over by the Columbia Steel Company for cable spinning. The superstructure contractor had erected Towers W-2, W-3 and W-6; and had raised W-5 to 155 feet with approximately 350 feet to go. The fenders for Pier W-4 and W-3 were not yet complete.

Eyebars on both the San Francisco and Yerba Buena Island Anchorages had been set up and were practically ready for cable spinning, and locker posts at Pier W-1 on the Embarcadero and at Yerba Buena Island Anchorage were under way.

During 1935, catwalks on both the West Bridge and East Suspension Bridge were built and the spinning machinery erected. Spinning was completed during the year on the West Bridge between San Francisco and the Center Anchorage; and half completed on the East Bridge between the Center Anchorage and Yerba Buena Island. Cable bands were bolted around the suspension cable and the first sections of the actual decks of the bridge were being hung from the cables in the last month of 1935.

Two weeks before New Year's Day, January, 1935, the $835,000 field painting contract had been awarded to Bridge Builders, Inc., and half of this gigantic painting job was completed in 1935.

Contracts for construction of the Toll House and Maintenance Buildings were awarded in July, 1935, and are now well under way. Also in July, 1935, the contract for the lighting of the bridge and electrical work was awarded and construction of the units is now going on.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1426	Speyer	Arras	3000
1427	Isaac	Owner	3500
1428	Herzig	Owner	6000
1429	Isaac	Owner	3500
1430	Isaac	Owner	3500
1431	Sherrys	Mullen	3800
1432	Dinneen	Landry	6500
1433	Mt. View	Early	2000
1434	Wold	Wold	3500
1435	Wold	Wold	3500
1436	Cruickshank	Morris	4000
1437	McKale's	Kelly	10000
1438	McClellan	Unit	1000

WAREHOUSE
(1426) E MISSION ST. approx. 350 N Thirteenth St. One-story frame warehouse.
Owner—Speyer & Schwartz, Inc., 206 12th St., San Francisco.
Architect—Not Given.
Contractor—Adam Arras, 4008 18th St., San Francisco. $3000

DWELLING
(1427) E 38th AVE. 300 S Judah St. One - story and basement frame dwelling.
Owner—H. H. Isaac, 517 Belvedere.
Plans by S. A. Colton, 544 Market St. $3500

DWELLING
(1428) SE EL MIRASOL PL., Crestlake. One - story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd.
Architect—D. Jaekle, % contractor. $6,000

DWELLING
(1429) E 38th AVE. 250 S Judah St. One - story and basement frame dwelling.
Owner—H. H. Isaac, 517 Belvedere.
Plans by S. A. Colton, 544 Market St. $3500

DWELLING
(1430) E 38th AVE. 275 S Judah St. One - story and basement frame dwelling.
Owner—H. H. Isaac, 517 Belvedere.
Plans by S. A. Colton, 544 Market St. $3500

ALTERATIONS
(1431) 926-928 MARKET Street. Alter store.
Owner—Sherry's Liquor Store, 940 Market Street.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $3,800

FLATS
(1432) W PRIEST 117 S Washington. Two - story and basement frame flats.
Owner—P. V. Dinneen, 45 Priest.
Plans by F. W. Dakin, % owner.
Contractor—L. J. Landry, 636 Garfield. $6,500

REPAIRS
(1433) 182 SECOND ST. Repair fire damage to loft building.
Owner—Mt. View Cemetery Assn., % contractor.
Architect—Not Given.
Contractor—Fred J. Early, Jr., 369 Pine Street. $2,000

DWELLING
(1434) W TWENTY-SEVENTH AVE 225 N Santiago St. One-story and basement frame dwelling.
Owner—Clarence L. Wold, 4416 Fulton St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—C. L. Wold Constr. Co., Ltd., 4416 Fulton St. $3500

DWELLING
(1435) W TWENTY-SEVENTH AVE. 250 N Santiago St. One-story and basement frame dwelling.
Owner—Clarence L. Wold, 4416 Fulton St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—C. L. Wold Constr. Co., Ltd., 4416 Fulton St. $3500

DWELLING
(1436) E THIRTY-THIRD AVE. 150 S Judah St. One-story and basement frame dwelling.
Owner—C. N. Cruickshank, 5900 Fulton St., San Francisco.
Architect—Not Given.
Contractor—A. T. Morris & Sons, 5400 Fulton St., San Francisco. $1000

STATION
(1437) SW GEARY AND HENDERson Sts. Steel auto supply station.
Owner—McKale's Inc., Claus Spreckels Bldg., San Francisco.
Architect—Not Given.
Contractor—Robert Kelly, 2227 20th Ave., San Francisco. $10,000

ALTERATIONS
(1438) NO. 441 FAIR OAKS STREET. Alter dwelling.
Owner—Frank L. McClellan, Prem.
Architect—Not Given.
Contractor—Unit Constr. Co., 557 Market St., San Francisco. $1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1067	Weaver	Petersen	6200
1068	Morgart	Courtright	5000
1069	Campbell	Courtright	6000
1070	Hammarberg	Hammarb'g	5025
1071	Lovell	Rose	1700
1072	Cushing	San Francisco	1200
1073	Freuler	Parks	3900
1074	Piedmont	Maurer	76939
1075	Strickler	Beckett	7000
1076	Pressler	Pressler	5200
1077	Dufton	Armstrong	7000
1078	Lund	Confer	7500
1079	Tracey	Leekins	3500
1080	Daten	Fox	1400
1081	Tormey	Walker	4000
1082	Confer	Owner	6000

DWELLING
(1067) NO. 6143 OCEAN VIEW DR. **OAKLAND.** Two-story five-room dwelling.
Owner—Carrell Weaver.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Olaf Petersen, 3626 Rhoda Ave., Oakland. $6200

DWELLING
(1068) NO. 6249 CHELTON DRIVE, **OAKLAND.** Two-story five-room dwelling.
Owner—J. W. Morgart, Seminary Ave., Oakland.
Contractor—T. D. Courtright, 349 51st St., Oakland. $5000

DWELLING
(1069) W CLIVE ST. 550 N Chelton Drive, **OAKLAND.** One-story 5-raame dwelling.
Owner—R. M. Campbell, Berkeley.
Architect—J. K. Ballantine.
Contractor—T. D. Courtright, 349 51st St., Oakland. $6000

RESIDENCE
(1070) NO. 7 PARKSIDE DRIVE, **PIEDMONT.** One-story five-room residence and garage.
Owner — P. H. Hammarberg, 2530 Hilgard Ave., Piedmont.
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard Ave., Piedmont. $5025

ALTERATIONS
(1071) NO. 12 BONITA AVENUE, **PIEDMONT.** Alterations.
Owner—Mrs. Chas. Lovell, 282 Lenox Ave., Piedmont.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1700

ALTERATIONS
(1072) 3287 LAKESHORE AVENUE, **OAKLAND.** Alterations.
Owner—Cushing Bros., 3236 Grand Avenue, Oakland.
Architect—Not Given.
Contractor—San Francisco Showcase Co., 682-84 McAllister Street, San Francisco. $1200

DWELLING
(1073) 485 VINCENTE, **BERKELEY.** One-story 5-room frame dwelling.
Owner—H. C. Freuler, 216 Montecito, Oakland.
Architect—A. C. Williams.
Contractor—D. W. Parks, 2536 63rd Ave., Oakland. $3900

HIGH SCHOOL
(1074) 800 MAGNOLIA AVE., **PIEDMONT.** High school building.
Owner—Piedmont School District, 800 Magnolia Ave., Piedmont.
Architect—W. H. and Harold Weeks, 525 Market St., San Francisco.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont. $76,939.00

DWELLING
(1075) 147 HAGAR AVENUE, **PIEDMONT.** Two-story 8-room residence and garage.
Owner—L. H. Strickler, 147 Hagar St., Piedmont .
Architect—R. Keefer, 770 Wesley St., Oakland.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $7,000

DWELLING
(1076) 11 NACE ST., **PIEDMONT.** One-story 6-room frame residence and garage.
Owner—Gertrude Pressler, 1419 Excelsior Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland. $5200

DWELLING
(1077) NO. 5945 JOHNSTON DRIVE, **OAKLAND.** One-story six-room dwelling.
Owner—Geo. M. Dufton.
Architect—W. I. Garren, 233 Post St., San Francisco.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $7000

DWELLING
(1078) NO. 6415 CHELTON DRIVE, **OAKLAND.** Two - story 7 - room dwelling.
Owner—Dr. Henry J. Lund, 478 30th St., Oakland.
Architect—F. L. R. Confer, 1812 Russell St., Berkeley.
Contractor—F. W. Confer, 1328 Arch St., Berkeley. $7500

DWELLING
(1079) N. 17 EL PATIO, **OAKLAND.** One-story five-room dwelling.
Owner — S. A. Tracey, 4481 Moraga Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland. $3500

ALTERATIONS
(1080) NO. 2566 TELEGRAPH AVE., **BERKELEY.** Alterations.
Owner—H. T. Daten, Premises.
Architect—Not Given.
Contractor—Fox Bros., 1478 University Ave., Berkeley. $1400

DWELLING
(1081) NO. 990 CRESTON STREET, **BERKELEY.** One-story 5-room frame dwelling.
Owner — J. C. Tormy, 3044½ Telegraph Ave., Berkeley.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $4000

DWELLING
(1082) NO. 460 ARLINGTON ST., **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner—F. W. Confer, 1328 Arch St., Berkeley.
Architect—Not Given. $6000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
93	Cox	Knight	600

RESIDENCE
(93) LOT 255 BLK O, Fernside Tract, Alameda. All work for seven-room residence.
Owner—Chas. W. and Gertrude M. Cox.
Architect—F. H. Slocombe.
Supervising Contractor — Harry C. **Knight.**
Filed Dec. 26, '35. Dated Dec. 10, '35.
1st floor laid $150
Rafters in place 150
Mill cases delivered 150
Acceptance filed 150
TOTAL COST, $600
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

SIGN, electric, $200; 370 Bush Street; owner, Adah B. Mount, Premises; contractor, Wonderlite, 170 Otis.
SIGN, electric, $200; 1301 Powell St.; owner, Mesacan Cafe, Premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
FLUES, $75; E 39th Ave. 50 S Cabrillo St.; ownr, Thos. Mohler, 751 28th Ave.; contractor, Pyramid Furnace Co., 70 Otis St.
ALTER dwelling, $400; 1231 Dolores St.; owner, McGrath, 2110 Bryant St.; contractor, Victor Oliva, 2731 24th St.
SIGN, electric, $125; NW Polk and Turk Sts.; owner, Embassy Coffee Shop, Prem.; contractor, Apex Elec. Co., 363 Fell St.
ALTER dwelling, $270; 2164 Bush St.; owner, Hugh McCann, Premises; contractor, Jack Johnson Co., 3365 **Army St.**
ALTER dwelling, $460; 1252 Montgomery St.; owner, W. H. Abbenseth, Premises.
FLUES, $75; S Marina 150 W Divisadero St.; owner, T. R. Sharman, 3700 Broderick St.; contractor, Walters Furnace & Sheet Metal Co., 2230 Market St.
ALTER garage, $950; 1674 Pacific Ave. owner, M. L. Levy, 704 Market St.; contractor, Andrew Pillon, 847 Duncan St.
SIGN, electric, $60; Valencia and McCoppin Sts.; owner, Salvation Army, Prem.; contractor, Brumfield, 965 Folsom St.
ALTER dwelling, $400; 1681 Fulton St.; owner, M. M. Bowman, 118 Church St.
ALTER flats, $200; 339-341 Jersey St.; owner, Arnold McMurray, 333 Jersey St.
FLUES, $75; S Marina 175 W Divisadero St.; owner, T. R. Sharman, 3700 Broderick St.; contractor, Walters Furnace & Sheet Metal Co., 2230 Market St.
ALTER apartments, $500; 2419 Washington St.; owner, L. Laborde, Premises.
SIGN, electric, $100; 709 Mission St.; owner, D. Orwitz, Prem.; contractor, Brumfield, 965 Folsom St.
ALTER store, $185; 2216 Fillmore St.; owner, M. Barrett, 41 Sutter St.
ALTER dwelling, $100; 554 Valley St. owner, Jack Varman, Premises.
ALTER flats, $55; 2425 Washington St.; owner, Joseph Estate, % Madison & Burke.
SIGN, electric, $100; 1256 Mason St.; owner, Standard Grocery, premises contractor, Electrical Prod. Corp., 255 Golden Gate Ave.
BILLBOARD, $7; SE Folsom and 24th Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
FLUES, $50; 2416 Geary St.; owner, O. J. Treat, premises; contractor, Boegershausen Bros., 1801 Divisadero St.
ALTER flats, $50; 1231-33 6th Avenue; owner, E. F. Crane, premises.
ALTER bakery, $150; 3372 26th St.; owner, McKean, 2812 Mission St.; contractor, California Concrete Co. 1632 Steiner St.
SIGN, $16; 189 3rd St.; owner, Three G Distillery Corp., 3245 San Pablo Ave., Oakland.
BILLBOARD, $7; SW Howard & 11th Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER shoe repair shop, $400; 152 Powell St.; owner, Zinke's Shoe Renewing Corp. premises; contractor, Mullen Mfg. Co., 60 Rausch.
ALTER display and salesrooms, $437; 651 Brannan St.; owner, J. Deere Plow Co., premises; contractor, Cahill Bros., 206 Sansome Street; engineer, C. F. Wieland, 651 Brannan Street.
REPAIR fire damage to hotel, $300; 1870 Sacramento St.; owner, Hotel Monroe Corp., premises; contractor, J. J. Furness, 854 47th Avenue.
SIGN, $14; 2966 24th St.; owner, Three G Distillery Corp., 3245 San Pablo Ave., Oakland.
ALTER store, $250; SE Pacific Ave. and Larkin St.; owner, J. Kegler, 369 Pine St.; contractor, Moore & Roberts, 693 Mission St.
BILLBOARD, $7; SE Potrero Avenue and 17th St.; owner, Foster and Kleiser Co., 1675 Eddy St.
ALTER dwelling, $100; 636 2nd Ave.; owner, Pailag Kaneklan, premises.
ALTER loft bldg., $500; 526 Broadway, owner, E. Eposto Bros., 50 30th St.; contractor, John Antone, 331 Lisbon.
FLUES, $74; 164 Day; owner, Erickson, Bldr., % contractor; contractor, E. A. Scholtz, 301 West Portal Ave.
SIGN, electric, $30; 1895 Haight St.; owner, Haight Wine Co., premises; contractor, State Mfg. Co., 55 Rausch St.
SIGN, electric, $30; 240 3rd St.; owner American Wine, premises; contractor, State Mfg. Co., 55 Rausch Street.
SIGN, electric, $30; 101 4th St.; owner J. K. Drugs, premises; contractor, State Mfg. Co., 55 Rausch St.

ALAMEDA COUNTY UNDER $1000

ROOF repairs, $150; NW 19th St. and Broadway, Oakland; owner, Capwell Realty Co., 20th St. and Telegraph Ave.; contractor, Western Roofing Co., 1250 24th St.
ADDITION, $100; 1106 85th Avenue, Oakland; owner, Frank Jose.
RE-ROOF, $170; 2168 39th Ave., Oakland; owner, Mrs. B. Boyce; contractor, N. V. Heatharn Roofing Co., 354 Hobart St
TERMITE repairs, $100; 1800 E-38th St., Oakland; owner, J. Crowther, 1428 Cottage St., Alameda; contractor, Larry Burror, 4400 Broadway.
RE-ROOF, $140; 2801 Minna Avenue, Oakland; owner, Mrs. Rider; contractor, Steiner Bros., 1100 Foothill Blvd., San Leandro.
ADDITION, two-room, $415; 228 7th St., Oakland; owner, Qual Lung San, Prem.; contractor, Carl Carlson, 2479 Kingsland Ave.
REPAIRS, $100; 101 4th St., Oakland; owner, Rhodes & Kennedy, Inc., Premisos.
RE-ROOF, $100; 2803 Minna Avenue, Oakland; ownr, Mrs. Jennie Rider contractor, Oakland Roofing Co., 1737 E-12th St.
ADDITION and alterations, $300; 3335 Suter St.; owner, H. O. DeCrendele, 78 50th St.
CHIMNEY, patent, $30; 173 Santa Clara Av., Oakland; owner, Agnes Flint, 60 Santa Clara Ave.
SIGN, electric, $295; 3338 Grand Ave. Oakland; owner, Grand View Cafe contractor, Radiant Neon Display, 2561 San Pablo Ave.
BILLBOARD, $25; S E-12th St. 113 W 44th Ave., Oakland; owner, Foster & Kleiser, 22nd and Market Sts.
ALTERATIONS, $50; 123 Mt. Ave., Piedmont; owner Piedmont Church premises; contractor, Oscar Soder, 841 Arlington Ave., Piedmont.
ALTERATIONS, $98; 12 Manor Drive, Piedmont; owner, Lloyd Beanston 12 Manor Drive; contractor, Enoch Tranmal.
ALTERATIONS, $200; 2510 Durant, Berkeley; owner, Monte Ellis, 2510 Durant, Berkeley; contractor, P. D. Wilson, premises.
REPAIR fire damage, $650; 1917 Carlton, Berkeley; owner, E. Boniface, premises; contractor, H. H. Rose, 478 25th St., Oakland.
ALTERATIONS, $96.00; 1830 Francisco, Berkeley; owner, E. A. Sykes, premises; contractor, J. O. Arnett, 2535 Filbert St., Berkeley.
ALTER interior, $45; 6034 College Avenue, Oakland; owner and contractor, F. Armanino, Armanino Court, Oakland.
ADDITION, $330; 3347 68th Avenue, Oakland; owner and contractor, M. Sense.
ALTERATIONS, $45; 484 10th Street, Oakland; owner, Arthur Brown, Jr., 251 Kearny St., S. F.; contractor, C. N. Alden, 3538 Brookdale Ave., Oakland.
GARAGE, 1-story, $200; 577 40th St., Oakland; owner, Mrs. Groves, 575 40th Street, Oakland; contractor, Whalin Bros., 2942 23rd Ave.
RE-ROOF, $100; 424 37th St., Oakland; owner, Miss Daley, premises; contractor, Hogan Bldg. and Roof Co., 3002 Foothill Boulevard, Oakland.
REPAIRS, fire, $500; 3052 Fruitvale Ave., Oakland; owner, A. Bullen, 3050 Fruitvale Ave., Oakland; contractor, Fred J. Early, Jr., 366 40th St., Oakland.
REPAIRS, fire, $90; 467 Lagunitas Ave., Oakland; owner, P. Bacharach, 758 Mission St., San Francisco; contractor, C. H. Thrams, 28 Home Place, Oakland.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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3.—Churches
4.—Factories and Warehouses
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16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. Post and Powell Streets.
Alterations to apartments.
Owner—Grover A. Magnin, St. Francis Hotel.
Architect—Not Given.
Contractor—L. E. Emanuel, Inc., 2665 Jones Street.

Sub-Contracts Awarded.
APARTMENTS Cost, $12,000
SAN FRANCISCO. E Collingwood St. N 18th Street.
Two-story and basement frame and stucco apartments.
Owner—A. Miller.
Architect—Not Given.
Contractor — Ernest Lombardi, 1218 Hollister St., San Francisco.
Plumbing—G. Y. Morton, 2424 Ulloa Street.
Lumber—Loop Lumber Co., Central Basin.
Wood Sash—Eureka Mill & Lumber Company.
Concrete — San Francisco Concrete Co., 98 Harrington St.
Reinforcing Steel—W. C. Hauck, 17th and Wisconsin Sts.

Contract Awarded.
ALTERATIONS Cost, $3000
BURLINGAME, San Mateo Co., Cal. No. 515 Almer Street.
Alterations to residence for six apartments.
Owner—Marie W. Kast.
Architect—Not Given.
Contractor—Edmond Lambrook, 1005 Burlingame Ave., Burlingame.

3— CHURCHES

CONTRACT AWARDED

SANTA BARBARA, Cal.—O. J. Kenyon, 21 E. De la Guerra, Santa Barbara, awarded contract for construction of a new church and Sunday school building at the corner of State and Padre Sts., Santa Barbara for the First Conregational Church; Dr. R. A. Basham, pastor. The building will be of heavy frame construction, approximately 95x85-ft. in area, L-shape, slate shingle and copper roofing, wood windows, hardwood floors and trim, tile lavatories, hot air heating system, storage water heater, organ, kitchen and dining equipment, etc. Cost is estimated at $45,000. Carleton M. Winslow, 1001 Architects' Bldg., Los Angeles, architect.

4— FACTORIES & WAREHOUSES

LOW BIDDER

SANTA MONICA, Los Angeles Co. —McClintic-Marshall Corp., 11,100 S. Central Ave., Los Angeles, submitted low bid to Douglas Aircraft Co., at $118,500, for furnishing and erecting structural steel for a new hangar to be built at 3000 Ocean Park Blvd., Santa Monica, for the company. Edward Cray Taylor and Ellis Wing Taylor, 803 W. Third St., Los Angeles, architects and engineers.

Construction To Start Immediately.
ADDITION Cost, $——
LIVERMORE, Alameda Co., Cal. Holly Drive.
Addition to cheese factory (70x64 ft.) stucco and tile construction.
Owner—Livermore Cheese Company.
Architect—Not Given.
Mgr. of Constr.—G. C. Phares, Prem.

Planned.
ALTERATION Cost, $——
SAN FRANCISCO. Seventh and Daggett Streets.
Alterations and additions to manufacturing plant.
Owner—Glidden Co., 1300 7th Street, San Francisco.
Structural Engineer — T. Ronneberg, Crocker Bldg., San Francisco.
The Glidden Co. has purchased the plant of the Main Iron Wors and plans repairs and alterations. It will be about one month before plans will be ready for bids.

Award Recommended
WAREHOUSES Cost, $200,000
STOCKTON, San Joaquin Co., Calif. Deep Draft Terminal.
Six 1-story brick warehouses (known as Warehouses C, D, E, F, L, and M) extensions to water system, drainage, dry pipe fire protection system, and road system).
Owner—City of Stockton Port Commission.
Plans by Engineering Dept. of Owner.
Low Bidder—O. H. Chain, 41 S. Sutter St., Stokton, $185,297.
Complete bids follow:
(1) Total bid for work as specified;
(2) Add for additional excavation;
(3) Add per foot of column extension;

O. H. Chain, Stockton	(1)	$178,897
	(2)	6,400
	(3)	5
C. H. Dodd, Stockton	(1)	$179,627
	(2)	6,400
	(3)	6
J. C. Meyers, Stockton	(1)	$191,000
	(2)	5,600
	(3)	5
Robt. E. McKee, L. A.	(1)	$200,900
	(2)	6,400
	(3)	3.75

Port Commission recommended the award of a contract to O. H. Chain at bid price, including additional excavation and referred bids to PWA. The Commission reserves the right, however, to determine at its next meeting whether to proceed with the work or to abandon the project.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 1925 Fillmore St.
Alterations to bakery.
Owner—Yere French Bakery.
Architect—Not Given.
Contractor—J. E. Glasser, 2489 Union Street.

CONTRACT AWARDED

LOS ANGELES, Cal.—C. L. Peck, 54 S. Spring St., awarded contract at $65,000 for strengthening the floors of the five-story, Class A building at the southwest corner of E. 7th St. and Santa Fe Ave. for the Ford Motor Co. The floors of the building, which is a reinforced concrete structure, will be strengthened with a combination of reinforcing and gunite. Parkinson & Parkinson, 808 Title Insurance Bldg. Architects.

Contract Awarded
WAREHOUSE Cost, $4,000
SAN FRANCISCO. E Mission N 13th.
One-story frame warehouse.
Owner—Speyer & Schwartz, Inc., 206 Twelfth Street.
Architect—Not Given.
Contractor—Adam Arras, 4008 18th St.

STEEL CONTRACT AWARDED

LOS ANGELES, Cal.—Consolidated Steel Corp., 5701 E. Slauson Avenue, awarded contract for furnishing and erecting approximately 4100 tons of structural steel for the new automobile assembly plant to be built at Santa Fe Ave. and Tweedy Blvd. for the General Motors Corp. As previously reported, plans for the general work are now in the hands of contractors and bids will be opened in Detroit on January 6. Albert Kahn, New Center Bldg., Detroit, is the architect.

PLANS BEING FIGURED

LOS ANGELES, Cal.—Albert Kahn, Inc., architects and engineers, New Center Bldg., Detroit, is taking bids for the automobile assembly plant to be built on a 43-acre site at Santa Fe Ave. and Tweedy Blvd. for the General Motors Corp. Plans for the general works are now in the hands of local contractors and bids are to be submitted to the Argonaut Realty Corporation, subsidiary of General Motors in Detroit on January 6. Plans for the mechanical work will probably go out for bids next week. The plant will consist of a steel frame assembly building, one-story and part two-stories in height and covering an area of 800x565 feet; a two-story, reinforced concrete office building; a concrete loading dock, and a pump house and storage tanks. A large amount of concrete paving will be included in the improvements. The site is entirely fenced. Following is a partial list of the contractors who have beeen invited to submit bids: Myers Bros., 3407 San Fernando Rd.; H. M. Baruch Corporation, 625 S Olive St.; Clinton Construction Co. 1103 Spring Arcade Bldg. Ford J. Twaits Co., 816 W 5th St.; Kubach-Snyder Co. 2225 E 37th St.; Lindgren & Swinerton, 605 W. Olympic Blvd.; Wm. P. Neil Co., 4671 E 49th Stt.; P. J. Walker Co., 3900 Whiteside Avenue.

Bids In—Held Under Advisement.
CREAMERY Cost, $15,000
SAN FRANCISCO. Fillmore Street S. California St.
One-story Class C concrete creamery.
Owner—Marron Creamery.
Architect—R. R. Irvine, 2048 Market.
Owner is checking the bids and announcement will be made shortly.

PLANS BEING FIGURED—BIDS CLOSE JAN. 15

LOS ANGELES, Calif.—Engineering department of the Santa Fe railway, Kerckhoff Bldg., is taking bids from a closed, selected list of contractors for a new freight house and automobile

loading dock to be constructed on Santa Fe Ave. between Third and Fourth Streets, for the use of the National Carloading Corp. It will be a one-story structure, approximately 400x50 feet in area; reinforced concrete and structural steel construction, concrete and metal exterior, built-up roofing, steel sash, steel rolling doors, mastic floors, metal canopies, scales, etc. The plans were prepared by the architectural department of the Santa Fe.

5— FLATS

Contract Awarded.
FLATS Cost, $7000
SAN FRANCISCO. W Priest St. 117 S Washington St.
Two-story and basement frame and stucco flats.
Owner—P. V. Dinneen, 45 Priest St., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor—L. J. Landry, 636 Garfield St., San Francisco.

6—GARAGES & SERVICE STATIONS

CONTRACT AWARDED
MILLBRAE, San Mateo Co., Cal.—Hanson Bros., 5840 Mission St., San Francisco, at $1885 awarded contract by Public Utilities Commission, for the construction of the Millbrae garage addition under Spec. W.D. 97. Addition will be of wood frame approximately 24x95 feet with concrete foundations, footings and floor slabs and galvanized corrugated sheathing on three sides and roof.
Complete bids published Dec. 19.

Contract Awarded.
SERVICE STATION Cost, $10,000
SAN FRANCISCO. SW Geary and Henderson Sts.
Steel auto supply station.
Owner—McKale's Inc., Claus Spreckels Bldg., San Francisco.
Architect—Not Given.
Contractor—Robert Kelly, 2227 20th Ave., San Francisco.

7— FEDERAL BUILDINGS

BIDS WANTED
SAN DIEGO, Cal.—Until January 9, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, San Diego, for paint spray booth and paint storage at the Naval Operating Base (Air Station) San Diego; Spec. No. 8115.
The work consists of the furnishing of materials for, and the installation of (a) paint spray booth and appurtenances in existing lean-to building No. 24; (b) structural modifications of lean-to for installation of paint spray booth; and (c) addition of room to existing building No. 22 for paint storage. The work includes in general, heating and ventilating equipment, sheet metal ducts, concrete construction, brick and hollow tile work, steel work, tubular steel door, steel windows, carpentry work, roofing, sheet metal, stucco, electrical and miscellaneous work.
Plans and specifications may be obtained from above office and from the Bureau of Yards and Docks, Washington, D. C., upon deposit of $10.00.

BIDS WANTED
SAN DIEGO, Cal.—Bids are being received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 8100 for modernizing five electric passenger elevators at the Naval Hospital, San Diego. Date of opening bids has not been set.

Grading Contract Awarded.
POST OFFICE Cont. Price, $41,430
LODI, San Joaquin Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect Treasury Dept., Washington, D. C.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Grading—Davis & Robinson, Lodi.

LOW BIDDERS
COLTON, San Bernardino Co., Cal.—Chamberlin Weatherstrip Co., Detroit, Mich., at $448, submitted low bid to Procurement Division, Public W'ks Branch, Washington, D. C., for furnishing insect screens in the U. S. post office at Colton.
Three low bids follow:
Chamberlin Weatherstrip Co., Detroit $448
Watson Manufacturing Co. 471
Robbins Mfg. Co., Chicago 485
Bids held under advisement.

CONTRACT AWARDED
PEARL HARBOR, T. H. — Young Engineering Corp., Honolulu, at $73,379.50 awarded contract by the Bureau of Public Yards & Docks, Navy Dept., Washington, D. C., under Spec. No. 8003, for the construction of storehouse, fire station and boat house at the Naval Fleet Air Base, Pearl Harbor.
It was previously incorrectly reported that the bids were rejected.

Bid Opening Postponed—To Close Jan. 6, 1 P. M.
INSPECTION STATION Cost, $66,000
NACO, Arizona.
Two-story and basement inspection station (67x48 feet) concrete foundations and basement, hollow tile walls, stucco exterior, composition roof, cement, wood and linoleum covered floors, promenade tile, macadam paving, metal shower partitions, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office. No deposit required for one set.
On previous bid opening lowest bid was submitted by E. L. Martin, P. O. Box 654, Dallas, Texas, at $54,830.
Complete bids published Sept. 16.
Date of opening bids has been postponed from December 30 to January 6.

8— CLUB BUILDINGS

Preparing Preliminary Plans
MEMORIAL Cost, $——
PIEDMONT, Alameda Co., Calif.
One- and two-story veterans' building (probably concrete construction).
Owner—Piedmont Post No. 514, American Legion.
Architects—Noble and Archie T. Newsom, Russ Bldg., San Francisco.

Planned
VETERANS' BLDG. Cost, $——
SEBASTOPOL, Sonoma Co., Calif.
One-story frame and stucco veterans' building (40x100-ft.) main assembly room, auxiliary room, kitchen.
Owner—Sebastopol Post, American Legion.
Architect—Not Selected.

Preparing Working Drawings.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. Eighteenth St., bet. Guerrero and Valencia Sts.
Alterations to Class C four-story Lodge Building (install elevator, modernize lodge rooms, etc.)
Owner—Dovre Hall Association.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.

Plans Being Prepared.
LODGE BLDG. Cost, $50,000
MERCED, Merced Co., Calif. Nineteenth and M Streets.
One and one-half-story frame and stucco lodge building (lodge rooms cafe, card rooms, lounge, gymnasium, banquet room and billiard room).
Owner—Merced Lodge of Elks.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.

9— HOSPITALS

CONTRACT AWARDED
SAN FRANCISCO. — Hanson Bros., 5840 Mission Street, at $99.50 awarded contract by Custodian, U. S. Marine Hospital, for repairing rear steps on officers' quarters at the Marine Hospital, 14th Ave. and Lake St.
Complete bids published Dec. 2.

New Bids Wanted—To Close Jan. 16. 12 Noon.
HOSPITAL Cost, $245,000
SANTA ROSA, Sonoma Co., Calif.
Two-story steel hospital bldg. (stucco exterior, probably tile roof, steam heating system, steel sash, etc.; 200-bed capacity).
Owner—County of Sonoma.
Architect—John I. Easterly, Exchange Bldg., Santa Rosa.
Engineer—Ed. A. Peugh (County Engineer) Courthouse, Santa Rosa.
Bids will be received up to 12 noon and will be opened at 1:30 P. M., on January 16.
Plans and specifications may be obtained from the architect upon deposit of $25.00.
On previous bid opening lowest bid was submitted by John Hachman, P. O. Box 206, Stockton, at $296,400.

BIDS OPENED
TUCSON, Arizona — E. A. Dow, Tucson, at $23,998 submitted low bid to the Veterans Administration, Washington, D. C., for additions to Administration Bldg. No. 1 at the Veterans' Administration Facility Hospital in Tucson.
The other bids were:
H. W. Foster, Tucson $24,000
L. & E. J. Pfotzer, Philadelphia 27,680
Bids held under advisement.

CONSTRUCTION STARTED
IMPROVE HOSPITAL Cont. Price, $43,410
SALINAS, Monterey Co., Cal. County Hospital.
One-story frame and stucco tuberculosis ward addition (22-bed unit); barracks bldg. to accommodate 60; 20,000 gallon steel tower; new well, etc.; buildings will have composition roof, wood floors, steam heating system to connect to main plant, etc.
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St., Salinas.
Contractor—P. T. Wallstrum, Watsonville.
Contract was awarded December 2, and foundation excavation begun Dec. 24.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS OPENED
OAKLAND, Cal.—Wagner & Parker, 135 South Park, San Francisco, submitted only bid to County Supervisors for construction of additional equipment and facilities for the Jail and District Attorney's Office in the Alameda County Court House, located at Fallon, 12th, Oak and 13th Sts., Oakland.
Plans prepared by Architects W. G. Corlett, Henry A. Minton, James W.

Plachek, Wm. E. Schirmer and Carl Werner, 910 Bank of America Bldg., Oakland.
Bid read as follows:
(1) **Electrical Work, Ninth Floor — $9374.**
(2) Electrical Work, Jail—$1398.
(3) **Cold Storage Room, 10th Floor — $1544.**
(4) **Miscellaneous Mechanical Work—$1607.**
(5) **Jail Equipment, $2164.**
(6) **Miscellaneous General Work — $1094.**
Bid held under advisement.

Preparing Sketches.
ADDITION Cost, $28,000
YUBA CITY, Sutter Co., Cal.
One-story reinforced concrete building connecting county courthouse and hall of records.
Owner—County of Sutter.
Architect — George Sellon, California State Life Bldg., Sacramento.

BIDS WANTED
SAN LUIS OBISPO, Cal.—Until Jan. 13, 3 P. M., bids will be received by Gwen Marshall, Clerk, San Luis Board of Supervisors for composition floor covering and electrical lighting fixtures to be used in the construction of the first unit of a two-story fireproof courthouse, now being erected at Monterey and Osos Sts., San Luis Obispo.
Plans prepared by Architects Walker and Eisen, 437 South Hill St., Los Angeles.
Plans and specifications may be obtained from the Clerk upon deposit of $50.00.

Construction Started.
FIRE HOUSE Cost, $30,000
SAN JOSE, Santa Clara Co., Calif. Emory and Laurel Streets.
One - story reinforced concrete firehouse (tile roof) 75x150 feet.
Owner—City of San Jose.
Architect — Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Project being financed with WPA funds. Materials will be purchased by the city as needed.

Contract Awarded
MEMORIAL BUILDING
Contract Price, $28,020
TUOLUMNE, Tuolumne Co., Calif.
One-story brick and concrete memorial bldg. (composition roof, probably electric heat, etc.)
Owner—County of Tuolumne.
Architect—Frank V. Mayo, 108 East Miner Street, Stockton.
Contractor—W. Buck & Sons, 57 East Geary St., Stockton.

New Bids Asked—To Close January 14, 5 P. M. (To Be Opened at 8:30)
LIBRARY Cost, $20,100
ALAMEDA, Alameda Co., Cal. NW Eighth St. and Santa Clara Ave.
One-story branch library.
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St., Alameda.
Copies of revised plans and specifications are obtainable from City Clerk, upon deposit of $25.
On previous bid opening lowest bid was submitted by J. J. Grodem, 1028 San Antonio Ave., Alameda, at $23,500.

Bids Wanted—To Close January 27, 8 P. M.
LIBRARY Cost. $35,000
VISALIA, Tulare Co., Cal. Tipton-Lindsey Playground.
One-story library building.
Owner—City of Visalia (Kathleen H. Sim, City Clerk).
Architect — C. A. Balch, 1584 W. Washington St., Los Angeles.
Bid forms obtainable from Judson S. Steele, 822 W. Mineral King St., Visalia.

Completing Plans.
COURT HOUSE Cost, $450,000
SALINAS, Monterey Co., Cal. Site of Old County Courthouse.
New County Courthouse.
Owner—County of Monterey.
Architect — Chas. Butner, 51 Maple St., Salinas, and Robert Stanton, Carmel.
PWA has allotted a grant of $200,000 toward project. Plans will be submitted to PWA for approval shortly. Bids probably will be called about January 15.

LOW BIDDER
TORRANCE, Los Angeles Co., Cal.—Petley & Matcham, 624 La Brea Avenue, Los Angeles, at $104,280 submitted low bid to the Torrance City Council for construction of a city hall and jail buildings, library building and auditorium.
Plans prepared by Architects A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles.

CONTRACT AWARDED
OAKLAND, Cal.—Wagner & Parker 135 South Park, San Francisco, awarded contract by the Alameda County Supervisors for construction of additional equipment and facilities for the Jail and District Attorney's Office in the Alameda County Court House, located at Fallon, 12th, Oak and 13th Sts., Oakland.

Bids Opened.
LIBRARY Cost, $38,000
BERKELEY, Alameda Co., Cal. The Alameda.
One-story reinforced concrete library (tile roof, hot air heating system).
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Low Bidder — George F. King, 2522 College Ave., Berkeley.
Bids were taken as follows:
(1) Work complete.
(2) Deduct for one pipe gravity heating system in place of two pipe vacuum system.
(3) Deduct for omitting club rooms, staff rooms, and kitchen.
Complete bids follow:

Geo. F. King, Berkeley	(1)	$45,485
	(2)	500
	(3)	7,000
Frank A. Stead, Berkeley	(1)	$50,500
	(2)	600
	(3)	7,500
Kelly & Tulloch, Oakland	(1)	$50,936
	(2)	518
	(3)	8,050
Villadsen Bros., Piedmont	(1)	$52,600
	(2)	625
	(3)	7,500
W. E. Lyons Constr. Co., Alameda	(1)	$54,883
	(2)	625
	(3)	9,820

All bids referred to the City Manager.

14— RESIDENCES

January 2, 1936

Sub-Contracts Awarded.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. Pinelake Park.
Six one-story and basement frame and stucco residences (five rooms) tile shingle tile, composition, shake roofs, wood sash, hardwood floors tile baths, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Roofing — Gordon Taylor, 1478 25th Ave.
Plumbing—George Rehn, 1919 Mission Street.
Electric Wiring—Richmond Elec. Co., 1370 40th Ave.
Heating and Sheet Metal—Atlas Heating & Ventilating Co., 557 4th St.,
Brick and Stone Work—A. Nelson, 242 Ocean Avenue.
Lumber—Loop Lumber Co., Central Basin.
Wood Sash—Colma Mill & Lumber Co., Colma.
Structral Steel — Pacific Coast Steel Company.

Contract Awarded.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. No. 460 Arlington Avenue.
Two-story frame residence (6 rooms) and garage.
Owner & Builder—F. W. Confer, 1328 Arch St., Berkeley.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
BERKELEY, Alameda Co., Cal. No. 990 Creston Street.
One-story frame residence (5 rooms).
Owner—J. C. Tormey, 2044½ Telegraph Ave., Berkeley.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $3500
OAKLAND, Alameda Co., Cal. No. 17 El Patio Ave.
One-story residence (5 rooms).
Owner — S. A. Tracey, 4481 Moraga Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $5500
SAN MATEO, San Mateo Co., Calif. Lot 14 Elk J. 15th Avenue.
One-story and basement frame and stucco residence.
Owner — Percy Bradshaw, 151 15th Ave., San Mateo.
Architect—Not Given.
Contractor—Wallace Waterhouse, 1235 Shafter St., San Mateo.
Roofing, Heating and Sheet Metal—Izmirian Roofing & Sheet Metal Works, 229 S. Railroad Ave., San Mateo.
Plumbing—A. W. Tyo, 201 S. Boulevard, San Mateo.
Electric Wiring—Charles Morrison, 222 Catalpa Ave., San Mateo.
Iron Grille Work—San Mateo Forge Co., 500 Third Ave., San Mateo.
Brick Work — Farrell & Bernsten, Redwood City.
Lathing and Plastering—J. D. Barr, 828 Alpine Ave., Burlingame.
Lumber — Wisnom Lumber Co., 1000 Broadway, San Mateo.
Millwork and Wood Sash—Nelson & Shirky, 204 E. Lane, Burlingame.
Painting—Charles F. Maynard, 607 S. Eldorado St., San Mateo.
Contracts on tile work, hardware and flooring have not yet been let.

Contract Awarded
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. Thirteenth and U Streets.
Alterations to building (160x160-ft.) to provide sales rooms, shops & parts department.
Owner—Capital Co., 625 Market Street San Francisco.
Lessee—Weaver-Rye Tractor Co., 1701 Second St., Sacramento.
Plans by Engineering Dept. of Owner
Contractor—Peterson & Steinbrenner, 1116 O St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. No. 6415 Chilton Drive.

Two-story residence (7 rooms).
Owner—Dr. Henry J. Lund, 478 30th St., Oakland.
Architect—F. L. Confer, 1812 Russell St., Berkeley.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.

15— SCHOOLS

New Bids Wanted—To Close January 13, 1 P. M.
SCHOOL Cost, $43,048
HANFORD, Kings Co., Cal. Douty and Courtney Streets.
One-story reinforced concrete elementary school (North Grammar School).
Owner — Hanford Elementary School District (W. C. Tar, Clerk).
Architect—W. D. Coates, Rowell Bldg. Fresno.
Copies of the revised plans and specifications are obtainable from the architect upon deposit of $25.
On previous bid opening lowest bid was submitted by R. P. Moore, Fresno, at $54,389.
Complete bids published Dec. 16.

Award Recommended.
HIGH SCHOOL Cost, $75,000
GUSTINE, Merced Co., Calif.
One-story frame & stucco high school (steel trusss in auditorium) four classrooms, auditorium to seat 500 and cafeteria.
Owner — Gustine Union High School District.
Architects—W. G. Corlett and E. A. Russ, 1801 Bank of America Bldg., Oakland.
Low Bidder — Carl N. Swenson, 355 Stockton Ave., San Jose.
Recommendation has been made to the PWA that the contract be awarded, Carl N. Swenson, with deductions from the main bid of $96,867.
It was previously reported incorrectly that all bids had been rejected.

BOND ELECTION
NEAR BAKERSFIELD, Kern Co., Calif.—Rosedale School District will hold an election January 7 at which time it is proposed to vote bonds in the sum of $30,000, proceeds to be used to finance the district's share of the cost of proposed improvements at the Rosedale grammar school, located approximately eight miles west of Bakersfield. Total cost of the project, which will include the construction of five new one-story, frame and stucco units, is estimated at $85,000. An application for additional funds has been filed with the WPA. Perrine & Mackie H. E. Mackie architect, 908 Western Pacific Bldg., Los Angeles, are preparing the plans.

PLANS COMPLETED
GLENDALE, Los Angeles Co., Cal. —Architect George M. Lindsey, 6305 Yucca St., Hollywood, has completed plans for a Junior College plant to be built near the intersection of Verdugo Road and Mountain St., Glendale, for the Glendale Board of Education. The plans are now being checked by the State Architect. The program provides for a two-story administration building, 65x306 feet; a two-story science building, 65x165 feet, and two one-story locker room buildings, each 60x60 feet. Construction will be of reinforced concrete, tile and composition roofing, cement, linoleum and maple floors, tile entrance and toilets, oak trim, steel sash, steam heating, ventilating fans, acoustic plaster ceiling, etc. Cost, $300,000.

BIDS OPENED
TEMPE, Ariz.—Del E. Webb Constr. Co., 1600 E. Jefferson St., Phoenix, submitted low bid to the Arizona State Teachers' College at Tempe, at $71,402, for the construction of a combined stadium and industrial arts building on the college campus in Tempe, a PWA project. P. W. Womack submitted the only other bid at $76,068. Recommendation was made that the contract be awarded to the low bidder. L. M. Fitzhugh, 329 Ellis Bldg., Phoenix, Architect.

Sub-Contracts Awarded.
ALTERATIONS Cont. Price, $32,174
DAVIS, Yolo Co., Calif.
Alterations to grammar school (repair auditorium, etc.)
Architect—Starks & Flanders, Forum Bldg., Sacramento.
Contractor—Geo. W. Kopp, 1514 15th St., Sacramento.
Plumbing and Heating — Hateley & Hateley, 1710 10th St., Sacramento
Electric Wiring—Bex Moore, 616 San Antonio Way, Sacramento.
Sheet Metal — Frank Ahl, 2114-16 P St., Sacramento.
Tile Work — H. O. Adams, 911 26th St., Sacramento.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Iron Grille Work—Alling Iron Works, 5th and X Sts., Sacramento.
Lathing and Plastering — Thomas Scollan Co., 2919 T St., Sacramento.
Lumber—Davis Lumber Co., Davis.
Mill Work—Capital City Planing Mill, 1812 9th St., Sacramento.
Hardware — Shorrock-Smith Co., 818 J St., Sacramento.
Painting—W. H. Raymond Co., 2710 Donner Way, Sacramento.
Reinforcing Steel—Palm Iron Works, 1501 S St., Sacramento.
Contracts on roofing, concrete, flooring and brick work not let yet.

Bids Wanted—To Close January 10.
ADDITION Cost, $139,821
YAKIMA, Washington.
High School addition; auditorium (153 x72 ft.) with balcony; reinforced concrete construction; full basement, including ventilating equipment and dressing rooms; addition to third floor (280x80 feet.); brick walls and wood floors.
Owner—Yakima School District.
Architect — John Maloney, Larson Bldg., Yakima.
Separate bids will be taken for general, electrical, plumbing, heating and ventilating.
Plans and specifications obtainable from the Architect upon deposit of $25.

Bids Wanted—To Close January 11.
GYMNASIUM Cost, $115,000
WALLA WALLA, Washington.
Physical Education Building (122x170 ft.) separate gyms for boys and girls; boys' gym. to have seating accommodations for 1800 with provisions for collapsible seats; offices under balcony.
Owner—Walla Walla School District (W. M. Kern, Superintendent of Schools).
Architect — John Maloney, Larson Bldg., Yakima.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. E 38th Ave. S Judah Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—H. H. Isaac, 517 Belvedere St., San Francisco.
Architect—S. A. Colton, 544 Market St., San Francisco.

Construction Started
LIBRARY Cont. Price, $54,033
SUNNYVALE, Santa Clara Co., Calif.
One-story reinforced concrete library and swimming pool (tile roof).
Owner—Fremont Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Contractor—C. N. Swenson, 355 Stockton Ave., San Jose.
Mr. Swenson has established an office on the school grounds and construction has commenced.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 5945 Johnston Drive.
One-story residence (six rooms).
Owner—George M. Dufton.
Architect—W. I. Garren, 233 Post St., San Francisco.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded
RESIDENCE Cost, $4,717
OAKLAND, Alameda Co., Cal. Oakmore Road.
Two-story residence (5 rooms and 2 baths) stucco exterior, shake roof, gas heat, wood sash.
Owner—Herman Meyer.
Architect—Earl McDonald, 3812 Broadway, Oakland.
Contractor — A. Frederick Anderson, 3524 Harbor View Ave., Oakland.

Plans Being Prepared
RESIDENCE Cost, $4,800
RICHMOND, Contra Costa Co., Cal.
One- and two - story residence (six rooms).
Owner—Withheld.
Architect—Earl McDonald, 3812 Broadway, Oakland.

Plans Being Completed
RESIDENCE Cost, $5,800
OAKLAND, Alameda Co., Cal. Oakmore Tract.
Montercy Colonial residence (5 rooms, one bath) steel sash, shake roof, brick fireplace, gas heat.
Owner—A. M. Polinsky.
Architect—Earl McDonald, 3812 Broadway, Oakland.
Segregated bids will be asked about January 2.

Plans Being Completed
RESIDENCE Cost, $4,500
SAN FRANCISCO. Sunset District.
Monterey-Colonial residence (6 rooms, 1 bath).
Owner—Mrs. Scott.
Architect—Earl McDonald, 3812 Broadway, Oakland.
Private bids will be taken shortly.

Contract Awarded.
RESIDENCE Cost, $4850
SAN JOSE, Santa Clara Co., Cal. No. 1435 Emory Street.
Residence (6 room).
Owner—Spencer R. Trowbridge, 12 S. 4th St., San Jose.
Architect—Not Given.
Contractor—W. H. O'Neil, 1475 Emory St., San Jose.

Contract Awarded.
RESIDENCE Cost, $7000
SAN JOSE, Santa Clara Co., Cal. No. 732 Chapman Street.
Residence (6 rooms.)
Owner—Col. Ross Bush, 1478 McDaniel Ave., San Jose.
Architect—Not Given.
Contractor—Paul N. Anderson, 1210 Lincoln Ave., San Jos.

Contract Awarded.
RESIDENCES Cost, $6500
MERCED, Merced Co., Calif.
Two one-story frame and stucco residences (five rooms each) shingle roof, gas heating system, wood & steel sash, tile baths, hardwood floors, etc.
Owner—Mr. Morley.
Architect — G. N. Hilburn, 1213 I St., Modesto.

Contractor—W. H. Johnson, 411 Fairview St., Modesto.

Contract Awarded.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. Rockridge District.
Two-story and basement frame and stucco residence.
Owner—Mr. Weaver.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Olaf Petersen, 626 Rhoda Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6200
SAN JOSE, Santa Clara Co., Calif. No. 1530 E. St. John Street.
Residence (5 rooms).
Owner and Builder — R. C. Goddard, 189 S. Third St, San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6200
FRESNO, Fresno Co., Calif. No. 1615 N. Van Ness Avenue.
Residence and garage.
Owner—J. W. Hedrick.
Architect—Not Given.
Contractor — Harris Constr. Co., 577 McKinley Ave., Fresno.

Contract Awarded.
RESIDENCE Cost, $4500
BERKELEY, Alameda Co., Calif. No. 485 Vincente St.
Owner—H. C. Freuler, 216 Montecito, Oakland.
Architect—Not Given.
Contractor—D. W. Parks, 2536 63rd Ave., Oakland.

Plans Being Figured—Bids Close Jan. 6th.
RESIDENCE Cost, $——
CARMEL, Monterey Co., Calif.
One-story wood frame residence.
Owner—Mrs. Diantha Miller.
Architect—W. W. Wurster, 260 California St., San Francisco.
Following will submit bids:
G. H. Meese, 1401 Floribunda Ave., Burlingame.
Walter Snook, 173 El Dorado St., Monterey.
Miles Bain, Box 534, Carmel.
H. C. Geyer, 946 Hellam Street, Monterey.

Plans Being Prepared.
BUILDING Cost, $90,000
PORTLAND, Oregon. SE Grand and E. Ash Streets.
Two-story addition to present building.
Owner—Fields Motor Car Co. (Arthur L. Fields, Mgr), Chevrolet Dealer.
Architect—White & Church, Railway Exchange Bldg., Portland.

FIRE LOSS
PIEDMONT, Alameda Co., Calif.—Fire destroyed the home of Chas. G. Broadwater, located at 27 Highland Ave., Piedmont, Dec. 24. Damage is estimated at $35,000.

FIRE LOSS
HILLSBOROUGH, San Mateo Co., Calif. — Fire destroyed the residence owned by W. W. Holt located in Hillsborough. Damage estimated at $40,000.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 ea.
SAN FRANCISCO. W Parnassus N Sloat Blvd.
Two one - story and basement frame and stucco residences.
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. W 26th Avenue S Moraga.
Four one - story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. S Lawton E 31st Avenue.
Four one - story and basement frame and stucco residences.
Owner and Builder — Henry Doelger, 320 Judah Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. N Romaine, East Corbett Avenue.
Four one - story and basement frame and stucco residences.
Owner and Builder—Fernando Nelson & Sons, Inc., 2901 19th Avenue.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
BURLINGAME HILLS, San Mateo Co.
Two-story frame and shake residence.
Owner—Nelson E. Jones, 1472 Highway Road, Burlingame.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Martin Peterson, 128 Lorton Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $6,000
PALO ALTO, Santa Clara Co., Calif. 2160 Byron Street.
One - story and basement frame and stucco residence.
Owner—Charles Monroe, Clay Avenue, Palo Alto.
Architect—Not Given.
Contractor—Stedman & Stedman, 1818 Bryant St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Cal. Clive, North Chelton Drive.
One - story and basement frame and stucco residence (5 rooms).
Owner—R. M. Campbell, Berkeley.
Architect—J. K. Ballantine, 137 Harlan, San Francisco.
Contractor—T. D. Courtright, 349 51st St., Oakland.

Contract To Be Awarded.
RESIDENCE Cost, $9,000
OAKLAND, Alameda Co., Calif. Oakmore Manor.
Two - story and basement frame and stucco residence (8 rooms, 3 baths)
Owner—M. J. Conlon.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.
Low Bidder—Charles Ungaretti, 1727 Foothill Blvd., Oakland.

Contract Awarded.
RESIDENCE Cost, $7000
PALO ALTO, Santa Clara Co., Calif. 2140 Byron Street.
One-story and basement frame and stucco residence.
Owner—Allen B. Lemmon.
Architect—Not Given.
Contractor—Stedman & Stedman, 1818 Bryant St., Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One-story and basement frame and stucco residence.
Owner and Builder—Hugo Holtberg, 29 San Mateo Drive, San Mateo.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Calif. Portola Road.
One-story frame and stucco residence
Owner—M. A. Pencovic.
Architect—Not Given.
Contractor — Aetna Constr. Co., 238 Arleta Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6000
PIEDMONT, Alameda Co., Calif. No. 7 Parkside Drive.
One-story and basement frame and stucco residence (5 rooms).
Owner—P. H. Hammarberg, 2530 Hilgard Ave., Piedmont.
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard Ave., Piedmont.

Preparing Preliminary Plans.
RESIDENCE Cost, $8500
BAYWOOD PARK, San Mateo Co.
Two-story frame and stucco residence
Owner—Withheld.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
BURLINGAME, San Mateo Co., Calif. Lot 5 Blk 40, Balboa Street.
Two-story frame and stucco residence
Owner and Builder — Jas. A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given.

Plans Being Figured—Bids Close Jan. 6th, 5 P. M.
RESIDENCE Cost, $——
SAN FRANCISCO. W Jordan Avenue N Euclid.
Two - story and basement frame and stucco residence (8 rooms, 3 baths)
Owner—Fannie L. Baker.
Architect—J. E. Krafft & Sons, Architects & engineers, Phelan Bldg.

Contract Awarded.
RESIDENCE Cost, $6000
PIEDMONT, Alameda Co., Cal. No. 11 Nace Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—Gertrude Pressler, 1419 Excelsior Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland.

Plans Being Figured.
RESIDENCE Cost, $——
SAN FRANCISCO. W Jordan Avenue N Euclid Avenue.
Two-story and basement frame and stucco residence (8 rooms, 3 baths)
Owner—Fannie L. Baker.
Architect—J E. Krafft & Sons, Architects & Engineers, Phelan Bldg.
Segregated bids will be taken. Plumbing figures must be in by January 3, 5 P. M. Bids on plastering, carpenter work, concrete, steel and iron must be in by January 6, 5 P. M.

Contract Awarded.
RESIDENCE Cost, $8000
BURLINGAME HILLS, San Mateo Co.
Two-story frame and stucco residence
Owner—Nelson E. Jones.
Architect—Not Given.
Contractor—Martin Peterson, 128 Lorton Ave., Burlingame

Contract Awarded.
RESIDENCE Cost, $5000
REDWOOD CITY, San Mateo Co., Cal. No. 134 King Street.
One-story and basement frame and stucco residence.
Owner—E. E. Thompson
Architect—Not Given.
Contractor—C. E. Steinegger, 371 Alameda de las Pulgas, Redwood City

Contract Awarded.
RESIDENCE Cost, $8000
PIEDMONT, Alameda Co., Cal. No. 147 Hagar Avenue.
Two-story frame and stucco residence (8 rooms).
Owner — L. H. Strickler, 147 Hagar Ave., Piedmont.
Architect — Ray Keefer, 770 Wesley St., Oakland.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Award Recommended
HIGH SCHOOL Cont. Price, $164,861
ARBUCKLE, Colusa Co., Calif.
One - story reinforced concrete high school (10 classrooms, auditorium to seat 750, gymnasium, shop) flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner—Pierce Union High School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Low Bidder—J. L. McLaughlin Co., 251 Kearny St., San Francisco.
Bids were taken as follows:
(1) Main bid, work complete;
(Alt. 1) Deduct for omitting all stage equipment and auditorium drapes except front curtains;
(Alt. 2) Deduct for omitting balcony opera chairs in auditorium and English expression room;
(Alt. 3) Deduct for omitting all library furniture. commercial and typing room furniture, all agricultural room and office furniture;
(Alt. 4) Deduct for omitting all furniture specified in Sections 1-13, except lockers;
(Alt. 5) Deduct for omitting all kitchen equipment;
(Alt. 6) Deduct for omitting the shop building, including plumbing, heating and electrical work.
Complete bids follow:

J. L. McLaughlin Co. S. F.	(1)	$199,053
	(Alt. 1)	2,105
	(Alt. 2)	1,555
	(Alt. 3)	2,077
	(Alt. 4)	6,449
	(Alt. 5)	1,808
	(Alt. 6)	20,198
J. C. Meyers, Stockton	(1)	$206,300
	(Alt. 1)	2,044
	(Alt. 2)	1,610
	(Alt. 3)	2,116
	(Alt. 4)	6,261
	(Alt. 5)	1,747
	(Alt. 6)	18,192
Villadsen Bros., Piedmont	(1)	$212,000
	(Alt. 1)	1,490
	(Alt. 2)	1,555
	(Alt. 3)	2,160
	(Alt. 4)	6,000
	(Alt. 5)	600
	(Alt. 6)	20,236
P. J. Walker Co., S. F.	(1)	$239,932
	(Alt. 1)	2,104
	(Alt. 2)	1,555
	(Alt. 3)	2,076
	(Alt. 4)	6,441
	(Alt. 5)	949
	(Alt. 6)	20,212

Contract was awarded (subject to P W A approval) to J. L. McLaughlin, at $164,861, including all alternates.

Bids Wanted—To Close Jan. 22nd, 2 P. M.
CHEMISTRY BLDG. Cost, $1,200,000
SEATTLE, Wash. Campus of University of Washington.
Three- and four-story reinforced concrete chemistry building (exterior walls faced with brick, cast stone or terra cotta trim, flat roofs, quarry tile or terrazzo floors, direct radiation heating system etc.)
Owner—State of Washington.
Architect — F. A. Naramore, Central Building, and Clyde Grainger and Donald Thomas, Arcade Building, Seattle.
Supervising Architects—Bebb & Gould Hoge Bldg., Seattle.
Bids are being taken as follows:
(1) General work;
(2) Mechanical work;
(3) Electrical work;
(4) Lighting fixtures.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Contract Awarded
ADDITION Contract Price, $25,340
CLARKSBURG, Yolo Co., Calif.
Addition to high school.
Owner—Clarksburg Union High School District.
Architect—Harry Devine, Cronan Bldg. Sacramento.
Contractor—Azevedo Const. Co., 920 O St., Sacramento.

New Bids Wanted—To Close Jan. 8, 2 P. M.
GYMNASIUM Cost, $50,000
TUOLUMNE, Tuolumne Co., Calif.
One - story reinforced concrete high school gymnasium.
Owner—Summerville High School Dist.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Plans and specifications may be obtained from the architect upon deposit of $20.00.
No bids were received on the previous bid opening.

Construction Under Way.
RECON. SCHOOL Cost, $38,000
PITTSBURG, Contra Costa Co., Calif.
Reconstruct primary school.
Owner—Pittsburg School District.
Architect—Louis Stone, 785 Market St. San Francisco.
Mgr. of Const.—B. T. Owsley, 950 East St., Pittsburg.
Labor is being furnished by the W P A.

To Ask Bids.
REHABILITATE GYM Cost, $4,000
BERKELEY, Alameda Co., Calif.
Rehabilitation of Willard Junior High School gymnasium.
Owner—Berkeley Board of Education.
Engineer—Thos. F. Chace, 625 Market St., San Francisco.

Plans Being Figured—Bide Close Jan. 10th, 2 P. M.
SCHOOL Cost, $24,454
NAPA, Napa Co., Calif.
One-story reinforced concrete elementary school (two classrooms and auditorium to seat 200).
Owner—Mr. George Union Elementary School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Plans Completed
SCHOOL Cost, $34,000
MORRO, San Luis Obispo Co., Calif.
One-story school building.
Owner—Morro Union School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier. Sharon Bldg., San Francisco.
Plans will be forwarded to the State Division of Achitecture for approval immediately.

Plans Completed
SCHOOL Cost, $30,000
CAMBRIA, San Luis Obispo Co., Calif.
One-story frame school building.
Owner—Cambria School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans will be forwarded to the State Division of Achitecture for approval within a few days.

Plans Completed
SCHOOL Cost, $18,000
CAYUCOS, San Luis Obispo Co., Cal.
One-story frame school building.
Owner—Cayucos School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans will be forwarded to the State Division of Achitecture for approval within a few days.

PREPARING PLANS
LOS ANGELES, Cal. — Architects Allison & Allison, 1014 Edison Bldg., Los Angeles, are preparing working drawings and specifications for a two-story administration building to be erected on the campus of the University of California at Los Angeles. The building will be of reinforced concrete construction, 175 x75 feet in area. Cost, $200,000.

BIDS WANTED
SOUTH PASADENA, Los Angeles Co., Cal.—Until January 10, 8 P. M., bids will be received by South Pasadena High School District for a two-story science building to be erected at South Pasadena High School, corner of Diamond and Rollins Sts., South Pasadena. Cost, $40,000. Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, Architects.

LOW BIDDER
LOS ANGELES, Cal.—Blystone and Van Tuyle, 136 Walnut St., Brea, submitted low bid to Los Angeles board of education at $52,100, for one-story school building to be erected at Lorena Street school, 1015 S. Lorena St. A. S. Nibecker, Jr., architect, 1425 S. San Pedro St.

Bids Opened
ADDITION Cost, $53,922
MILLBRAE, San Mateo County, Cal. Chadbourne Avenue.
Addition to Millbrae elementary school (add three new classrooms, enlarge auditorium, new steam heating system, new plumbing system, add new lunch room and general repairs) and addition to Lomita Park School (add two new classrooms, new lunch room, new steam heating system, new plumbing system and general repairs).
Owner — Millbrae Elementary School District.
Architect—Thomas Edwards, 9 Geary St., San Francisco.
Low Bidder—John Looman, 125 Park Road, Burlingame.
Complete bids follow:

John Looman, Burlingame	$39,067
E. C. Petersen, San Francisco	41,680
Monson Bros., San Francisco	43,826
Mooney and McDonald, Burlingame	43,909
F. J. Reilly, San Francisco	44,831
H. H. Smith, Daly City	45,610
Hanson Bros., San Francisco	44,898
O. M. Rousseau, San Francisco	49,822

Bids held under advisement.

Bids Opened
SCHOOL Cost, $20,000
CONCORD, Contra Costa Co., Calif.
One-story frame and stucco school (3 classrooms, library, offices and toilet facilities) tile roof, steam heating system, wood floors, etc.
Owner—Clayton Valley School Dist.
Architect—E. W. Cannon, 81 Echo St. Oakland.
Low Bidder—E. T. Leiter & Son, 811 37th St., Oakland.
Complete bids follow:
(1) Main bid;
(2) Omitting window shades;

(3) Omitting linoleum;
(4) Omitting certain portions of heating system;
(5) Omitting linoleum, portions of the heating system, window shades from main bid.

E. T. Leiter & Son, Oakl'd	(1)	$18,687
(deduct)	(2)	300
(deduct)	(3)	900
(deduct)	(4)	1,000
(deduct)	(5)	2,200
Kelly & Tulloch, Oakland	(1)	$21,618
	(2)	21,318
	(3)	20,797
	(4)	20,658
	(5)	19,418
H. J. Siino, Pittsburg	(1)	$22,365
	(2)	21,990
	(3)	21,544
	(4)	21,405
	(5)	20,209
Mark Bristol, Oakland	(1)	$23,333
	(2)	23,000
	(3)	22,577
	(4)	22,100
(deduct)	(5)	2,322
Sam Eyre, Tracy	(1)	$23,887
	(2)	23,551
	(3)	23,067
	(4)	22,987
	(5)	21,831
David Nordstrom, Oakland	(1)	$24,172
	(2)	23,808
	(3)	23,331
	(4)	22,896
(deduct)	(5)	2,805

Bids held under advisement.

Contract Awarded.
HIGH SCHOOL Cont. Price, $50,900
CEDARVILLE, Modoc Co., Calif.
One-story frame and stucco high school (12 classrooms and study hall) composition roof, steam heating system, wood floors, etc.
Owner — Surprise Valley Union High School District.
Architect—Jens Petersen, 812 26th St., Sacramento.
Contractor—P. D. Harris, Cedarville.

BOND ELECTION DATE POSTPONED
LATON, Fresno Co., Calif.—Laton Joint Union High School District will vote January 31 (date postponed from December 31) on a proposal to issue bonds in the amount of $28,000 to finance construction of an auditorium and gymnasium at the Laton Joint Union High School.
Preliminary plans prepared by Architect Chas. H. Franklin, T. W. Patterson Bldg., Fresno.

Contract Awarded.
SCHOOL Cost, $81,165
CHICO, Butte Co., Calif.
One-story reinforced concrete elementary school unit.
Owner—Chico School District.
Architect—Chester Cole, 4418 Second St., Chico.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.
Complete bids published Dec. 18.

Contract Awarded.
GYMNASIUM Cont. Price, $92,641
CHICO, Butte Co., Calif.
One-story reinforced concrete gymnasium for Chico High School.
Owner—Chico High School District.
Architect—Chester Cole, 4418 Second St., Chico.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.

Bids Opened
SCHOOL Cost, $——
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post.
Structural Engineer—Walter Huber Crocker First Nat'l Bank Bldg.
Electrical Engineer—Leland & Haley, 58 Sutter Street.
Low Bidder—Anderson and Ringrose, 320 Market Street.
Complete bids follow:
(1), (2), (3), (4), (5), add; (6) deduct for omitting all exterior steel windows and substituting wood sash for frames of awning type.

Anderson & Ringrose		$132,000
	(1)	2,400
	(2)	2,500
	(3)	3,100
	(4)	5,900
	(5)	1,500
	(6)	5,900
DeLuca & Son		$134,416
	(1)	1,760
	(2)	1,325
	(3)	2,273
	(4)	4,200
	(5)	1,356
	(6)	7,100
O. Monson		$135,586
	(1)	2,050
	(2)	1,530
	(3)	2,800
	(4)	5,340
	(5)	1,530
	(6)	4,500
C. L. Wold Construction Co.		$137,887
	(1)	2,001
	(2)	1,482
	(3)	2,440
	(4)	4,830
	(5)	1,600
	(6)	5,600

Bids referred to the city architect.
As previously reported, mechanical equipment and plumbing awarded to Herman Lawson, 465 Tehama St., at $24,880 and electrical contract to Lynn & Heffernan, 114 Ashton Ave., at $17-740.

Planned
SCHOOL Cost, $——
WALNUT CREEK, Contra Costa Co.
New private school.
Owner—Glen Taylor School (Mrs. Audrey Taylor Searle, Supervisor) 1015 Sherman St., Alameda.
Architect—To Be Selected.
Further details will be announced in about thirty days.

New Bids Wanted—To Close January 10, 2 P. M.
GYMNASIUM Cost, $241,000
TULARE, Tulare Co., Calif.
Two new classroom buildings and repairs to gymnasium and central heating plant.
Owner — Tulare High School District (W. B. Knokey, Supt. of Schools)
Architect—W. D. Coates, Rowell Bldg. Fresno.
On previous bid opening lowest bid was submitted by A. Nelson, Inc., 242 Ocean Ave., San Francisco, at $305,670
Complete bids published Dec. 19.

Contract Awarded.
SCHOOL Cont. Price, $27,274
SALINAS, Monterey Co., Calif.
One-story frame and stucco grammar school (3 classrooms, auditorium to seat 250).
Owner—Alisal Grammar School Dist.
Architect—Chas. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—H. C. Geyer, 946 Hellam St., Monterey.
Complete bids published Dec. 13.

Sub-Contracts Awarded
AUDITORIUM Cont. Price, $50,000
PLEASANTON, Alameda Co., Calif.
One - story reinforced concrete auditorium (to seat approx. 900).
Owner—Amador Joint High School District.
Architect—Henry S. Smith, Humboldt Bank Bldg., San Francisco.
Struc. Engr. — Norman B. Green, 55 New Montgomery St., S. F.
Contractor—A. Nelson, 242 Ocean Ave. San Francisco.
Structural Steel—Judson Pacific Company, 609 Mission St., San Francisco.
Reinforcing Steel — W. S. Wetenhall, 17th and Wisconsin Streets, San Francisco.
Mill Work—Pacific Mfg. Co. 454 Montgomery St., San Francisco.

Commissioned To Prepare Plans.
DORMITORY Cost, $325,000
PULLMAN, Washington.
Four-story brick dormitory (to house 235 women).
Owner—State of Washington.
Architect—F. Stanley Smith, Pullman, Washington.

New Bids Wanted — To Close Jan. 15, 2 P. M.
ADDITION Cost, $60,000
MONTESANO, Washington.
Addition to High School.
Owner—School District 100, Montesano.
Architect—F. A. Naramore, Central Bldg., Seattle.

Bids Wanted—To Close January 13, 8 P. M.
GYMNASIUM Cast, $60,091
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Plans and specifications obtainable from the architect.
On the previous bid opening lowest bid was submitted by C. L. Wold Constr. Co., 4412 Fulton St., San Francisco, at $85,620.

Contract Awarded.
HIGH SCHOOL Cont. Price, $76,939
PIEDMONT, Alameda Co., Calif.
One-story reinforced concrete high school unit (8 classrooms and music room) tile roof.
Owner—Piedmont Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont.

Bids Opened
SCHOOL Cost, $90,909
SAN RAFAEL, Marin Co., Cal. Fourth and E Streets.
One-story frame and stucco grammar school (ten classrooms and auditorium to seat 500).
Owner—San Rafael School District.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Low Bidder—De Luca and Son, Inc., 1745 Filbert St., San Francisco, at $97,587.
Complete bids follow:
(I) Total bid for work complete:
(1) Deduct for omitting certain wood casings, etc.;
(2) Deduct for omitting all finish in basement, etc.;
(3) Deduct for omitting wire guard screens;
(4) Deduct for omitting linoleum;
(5) Deduct for omitting metal lockers in hall;
(6) Deduct for omitting tile wainscoting;
(7) Deduct for omitting airlux shades
(8) Deduct for omitting lighting fixtures, etc.;
(9) Deduct for omitting wall & ceiling tinting;
(10) Deduct for omitting cement for terrazzo in certain locations;
(12) Deduct for omitting fencing, etc.
(13) Deduct for omitting hot water heating system and showers;

(14) Deduct for omitting folding doors on stage;
(15) Deduct for omitting grading playground;
(II) Total of all deductions;
(III) Net bid.

(A) DeLuca & Son, Inc., San Francisco	(I)	$97,587
	(1)	850
	(2)	4,300
	(3)	460
	(4)	1,290
	(5)	1,510
	(6)	500
	(7)	765
	(8)	1,410
	(9)	352
	(10)	615
	(11)	1,775
	(12)	925
	(13)	2,050
	(14)	850
	(15)	4,000
	(II)	21,652
	(III)	75,935
(B) Leibert & Trobock, San Rafael	(I)	$98,170
	(1)	925
	(2)	4,756
	(3)	458
	(4)	1,275
	(5)	1,500
	(6)	454
	(7)	770
	(8)	910
	(9)	350
	(10)	548
	(11)	2,500
	(12)	1,064
	(13)	1,150
	(14)	873
	(15)	2,804
	(II)	20,337
	(III)	77,833
(C) Einar C. Petersen, San Francisco	(I)	$100,700
	(1)	1,045
	(2)	4,400
	(3)	460
	(4)	1,303
	(5)	1,640
	(6)	470
	(7)	777
	(8)	1,380
	(9)	365
	(10)	605
	(11)	3,390
	(12)	1,060
	(13)	2,050
	(14)	860
	(15)	4,600
	(II)	24,393
	(III)	76,307

Contract Awarded
SCHOOL Contract Price, $53,023
WALNUT GROVE, Sacramento Co.
One-story frame and stucco grammar school (seven classrooms and assembly to seat 320).
Owner—Walnut Grove School District
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Contractor—Petersen & Steinbrenner, Sacramento.
Complete bids published Dec. 18.

16—BANKS, STORES AND OFFICES

Contract Awarded.
OFFICE BLDG. Cost, $240,000
SAN FRANCISCO. Otis and McCoppin Streets.
Two - story and basement steel frame office building, face brick exterior, terra cotta trim (132x103 feet) foundation and frame designed for additional four stories (concrete floors).
Owner—Pacific T. & T. Co., 140 New Montgomery Street.
Plans by Engineering Dept. of Owner.
Contractor—Monson Bros., 475 Sixth Street.
As previously reported, excavation and foundations awarded to Monson Bros.; structural steel to Golden Gate Iron Works, 1541 Howard (approximately 560 tons of steel involved).

Foundation Contract Awarded
OFFICE BUILDING
Contract Price, $71,578
SACRAMENTO, Sacramento Co., Cal. South N St. bet. 11th and 12th Sts., and South N Street bet. 12th and 13th Streets.
Pile foundation for two 4-story reinforced concrete office bldgs. (steam heating systems, air conditioning systems, etc.)
Owner—State of California.
Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.
Building on N Street bet. 11th and 12th Sts., will house the Public Works Offices, and offices of the motor vehicle department will be housed in the building on N St. bet. 12th and 13th.
Raymond Concrete Pile Company, 333 Montgomery St., San Francisco, awarded contract for pile foundations, at $71,578.
Total cost of the building estimated at $1,200,000.
Bids on general work will be asked in about two weeks.

Bids In—Held Under Advisement.
ALTERATIONS Cost, $——
SAN FRANCISCO. 821 Market Street.
Alterations for offices.
Owner—Home Owners Loan Corp., 640 California Street.
Architect—Not Given.
Bids referred to Washington for award.

Contract Awarded.
ALTERATIONS Cost, $5000
SAN JOSE, Santa Clara Co., Calif. SW Locust and W. Santa Clara.
Alterations to building.
Owner—Eva J. K. Stromertz, San Jose
Architect—Not Given.
Contractor—Martin Green & Co., 360 S-Market St., San Jose.

Contract Awarded.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Calif. Hanchet Park.
One-story frame and stucco residence.
Owner—Lula A. Basham.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.
Contractor — J. E. Perkins, 1664 E. Santa Clara St., San Jose.

Contract Awarded.
STORE Cost, $3000
SAN MARTIN, Santa Clara Co., Calif.
One-story frame store building.
Owner—Julius Rocca.
Architect—Not Given.
Contractor—George C. Lenz, 555 5th St., Gilroy.

Contract Awarded.
REPAIRS Cost, $3000
SAN FRANCISCO. No. 182 Second Street.
Repair fire damage to loft building.
Owner—Mt. View Cemetery Assn.
Architect—Not Given.
Contractor—Fred J. Early Jr., 369 Pine St., San Francisco

Contract Awarded
ALTERATIONS Cost, $4,500
SAN FRANCISCO. 926-928 Market.
Alterations to store.
Owner—Sherry's Liquor Store, 940 Market Street.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Contract Awarded
ADMIN. BLDG. Cont. Price, $140,781
SAN FRANCISCO. SE Bush & Stockton Streets.
Three - story reinforced concrete administration building for the San Francisco Bay Exposition.
Owner—City and County of San Francisco.
Architect—W. P. Day, Financial Center Building.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Complete bids published Dec. 10.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 1642 Fillmore St.
Alterations to stores.
Owner—Martin Stelling, Jr., 155 Montgomery Street.
Architect—Earle B. Bertz, 681 Market.
Contractor—G. P. W. Jensen, 320 Market Street.

Bids Opened.
OFFICE BLDG. Cost, $1,200,000
SACRAMENTO, Sacramento Co., Cal. South N St., bet. 11th and 12th Sts., and South N Street bet. 12th and 13th Sts.
Pile foundations for two 4-story reinforced concrete office buildings (steam heating systems, air conditioning system, etc.)
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Building on N Street bet. 11th and 12th Sts., will house the Public Works Offices, and offices of the motor vehicle department will be housed in the building on N St., bet. 12th and 13th.
Low Bidder—Raymond Concrete Pile Co., 333 Montgomery St., San Francisco.
Complete bids follow for pile foundations:
Raymond Concrete Pile Co., San Francisco $71,578
Lord & Bishop, Sacramento..... 84,000
George Pollock, Sacramento..... 84,900
Bids held under advisement.
General bids will be asked in two or three weeks.

Planned.
DEPT. STORE Cost, $100,000
SALEM, Oregon. Site to be selected)
Three-story and basement department store.
Owner—Montgomery Ward Co., Chicago, Illinois.
Plans by Engineering Dept. of Owner.

Sub-Contracts Awarded.
RESTAURANT Cost, $——
FRESNO, Fresno Co., Calif. Tulare Street.
Two - story and basement restaurant (main lunch and cafeteria room, soda fountain, lunch counter and kitchen, new ranges, refrigerators, etc.)
Owner—Milo L. Rowell, Fresno.
Architect — Ernest K. Kump, Rowell Bldg., Fresno.
Contractor — Trewhitt - Shields and Fisher, Pacific Southwest Building, Fresno.
Reinforcing Steel—Kyle & Company.
Roofing—Valley Lumber Co.
Plumbing—B. A. Newman.
Heating and Sheet Metal — Standard Sheet Metal Works.
Tile Work—Fresno Tile Company.
Glass—W. P. Fuller and Company.
Iron Grille Work—Kyle and Company.
Brick Work—Paul Kindler.
Lathing and Plastering—M. E. Summers.
Lumber—Valley Lumber Company.
Steel Sash—Healey and Popovich.
Wood Sash—Fresno Planing Mill.
All of Fresno.

Bids Opened
STORE Cost, $3,000
SAN JOSE, Santa Clara Co., Calif. The Alameda.
One-story brick store building (44x33-

ft.) built - up asphalt roof, brick walls, cement floors, etc.
Owner—W. McTich.
Architect—Chas. McKenzie, Twohy Bldg., San Jose.
Low Bidder—Jos. Santi, 545 Madera Ave., San Jose.
Complete bids follow:
Joseph Santi $3,650
J. V. Gohranson, San Jose 3,693
George Honore 3,794
M. W. Reese 3,893
N. J. Nielsen 3,950
Ward & Son 3,995
Summers Construction Co. 4,075
All of San Jose.
Bids held under advisement.

Bids Wanted—To Close Jan. 15, 2:30 P. M.
MACHINE SHOP Cost, $219,584
SAN FRANCISCO. Geary Blvd., Balboa, 30th and 32nd Avenues.
Three - story reinforced concrete machine shop bldg. at Geo. Washington School (steel sash).
Owner—City and County of San Francisco.
Architect—Miller & Pflueger, 580 Market St., San Francisco.
Bids are being taken as follows:
General Work, including Mechanical & Electrical Work: Est. cost $156,000. $50 deposit for plans.
General Work Only: Est. cost, $117,000; $25 deposit for plans.
Mechanical Equipment and Plumbing: Est. cost, $27,000; $15.00 deposit for plans.
Electrical Work: Est. cost, $12,000; $15 deposit for plans.
Plans and specifications may be obtained from Chas. Sawyer, city architect.

Plans Being Completed
ALTERATIONS Cost, $——
STOCKTON, San Joaquin Co., Cal. 24 North Sutter Street.
Alterations for branch and office bldg.
Owner—American Trust Co., 464 California St., San Francisco.
Plans by Engineering Dept. of Owner.
Bids will be asked within 10 days.

Plans Being Prepared.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Lakeshore Blvd.
Two-story Class C store building (50x 100 feet); plate glass front, steel trusses, tar and gravel roof, tile, concrete walls, etc.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Bids will be asked within three weeks.

17— THEATRES

Completing Working Drawings
THEATER & STORE Cost, $100,000
VAN NUYS, Los Angeles Co., Calif. Van Nuys Blvd. and Kittridge St.
Two - story store, theater and office building, reinforced concrete construction (110x200-ft.) Class A theater portion and storerooms on 1st floor; lodge quarters and professional offices on 2nd floor.
Owner—Van Nuys Industries, Inc. (R. L. Wilhelm, President).
Architect—Gilbert Stanley Underwood, 1400-04 Continental Bldg., Los Angeles.

18— WHARVES & DOCKS

BIDS OPENED
SAN FRANCISCO. — Kawneer Mfg. Co., 8th and Dwight Way, Berkeley, at $4,197 submitted low bid to State Board of Harbor Commissioners for furnishing and installing eleven steel rolling doors for connecting wharf and wharf shed at Piers 24 and 26. Frank G. White, Chief Engineer.
Complete bids follow:
Kawneer Mfg. Co., Berkeley. $4,197
Gleason Steel Products Co., Emeryville 4,213
Persons-Dwan & Co., S. F. 4,513
C. J. Waterhouse, S. F. 4,513
Soule Steel Co., S. F. 4,513
J. G. Wilson Corp., S. F. 4,513
Bids held under advisement.

BIDS OPENED
SAN DIEGO, Cal.—Pan-Pacific Piling & Const. Co., 2145 E 25th Street, Los Angeles, at $450 submitted low bid and recommended for award of contract by the Public Works Officer, 11th Naval District, San Diego, under Spec. No. 8131, for repairs to the landing pier at the Navy Athletic Field, San Pedro.
The other bids were:
Hull, Smale & Ramage, Wilmington $665
Hoagland Engr. and Const. Co., Long Beach 895
Bids forwarded to Washington for

19—MISC. CONSTRUCTION

BIDS OPENED
SAN FRANCISCO—Mangrum - Holbrook Co., 1235 Mission St., at $79.50 submitted low bid to the Custodian, Marine Hospital, for furnishing and installing galvanized sheet iron hood at the Marine Hospital, San Francisco.
Complete bids follow:
Mangrum-Holbrook Co. ..... $ 79.50
R. S. Silverberg 105.00
Dohrman Hotel Supply Co. 122.75
Nick Hemminga 125.00
Bids referred to Washington for award.

Contract Awarded
SCALE Cost, $9,125
STOCKTON, San Joaquin Co., Calif. 131 N Edison Street.
Office and truck scale.
Owner—Taylor Milling Co., Tuleburgh Levee and Edison St., Stockton.
Architect—Not Given.
Contrator — Western Industrial Engr. Co., 223 37th St., Vernon.

BIDS WANTED
RIVERSIDE COUNTY, Cal. — Until January 17, 10 A. M., bids will be received by the Metropolitan Water District of Southern California, 306 W. Third St., Los Angeles, for furnishing and erecting of steel structures, steel bins, conveyors, etc., for the West Portal batching plant. The site of the work is at the west portal of the San Jacinto tunnel, near the town of San Jacinto, Riverside County. Specification No. 140. Certified or cashier's check for $1000 must accompany bids. Specifications may be obtained from the office of the engineer, room 1007, 306 W. Third St., upon deposit of $2.00 per set, not returnable.

BIDS WANTED
SAN FRANCISCO.—Until Jan. 9, 3 P. M., bids will be received by U. S. Engineer Office, 401 Customhouse, San Francisco, for drydocking, painting & repairing the U. S. Seagoing Hopper Dredge "A. McKenzie." Spec. No. 868-36-14 obtainable on application to the above.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED
DENVER, Colo.—Bids for furnishing Portland cement under invitations No. A-23,233-A and A-23,236-A were opened by the Bureau of Reclamation, Denver, as follows:
A-23,236-A
California Portland Cement Co., f. o.b. Colton, $1.43.
Union Portland Cement Co., f.o.b. Devil's Slide, $1.1544.
Riverside Cement Co., f.o.b. Crestmore, $1.40.
Monolith Portland Cement Co., f.o.b. Monolith, $1.64.
Southwestern Portland Cement Co., f.o.b. Victorville, $1.64.
Last two named companies, cash discount 20c per barrel.
A-23,233-A
Riverside Cement Co., f.o.b. Crestmore, $1.88.
Monolith Portland Cement Co., f.o.b. Monolith, $2.12.
Southwestern Portland Cement Co., f.o.b. Victorville, $2.12.
California Portland Cement Co., f. o.b. Colton, $1.9124.
Union Portland Cement Co., f.o.b. Devil's Slide, $1.602.

CONTRACT AWARDED
LOS ANGELES, Cal.—L. A. Iron & Steel Co., 1522 Santa Fe Ave., awarded contract by the U. S. Engineer Office, at $721,656.25 for furnishing steel reinforcement bars under Circular Proposal No. 238.

CONTRACT AWARADED
OAKLAND, Cal. — Johns-Manville Sales Corp., 1605 Jefferson St., Oakland, at $2886 awarded contract by the East Bay Municipal District, John Kimball, Secretary, under Proposal No. 708, for furnishing 195,000 sq. ft. of 2x4-infl. weave, 13-gauge, AS&W both ways, 60-in. width, wire fabric.

BIDS OPENED
OAKLAND, Calif. — Johns-Manville Sales Corp., 1605 Jefferson St., Oakland, at $16,002 submitted the only bid received by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Proposal No. L.S. 161, for furnishing 16,000 lin. ft. of asbestos cement pipe for the distribution system.
The unit bids were:
(1) 5000 lin. ft. 4-in. pipe, $2160.
(2) 5000 lin. ft. 6-in. pipe, $3360.
(3) 6000 lin. ft. 12-in. pipe, $10,482.

BIDS OPENED
OAKLAND, Cal.—W. E. Thomas, 3140 San Pablo Ave., Oakland, at $4070 submitted low bid to the East Bay Municipal Utility District, John Kimbell, Secretary, Oakland, under Proposal No. L.S. 162, for electric welding of steel joints on 33,000 feet of 6-inch steel pipe for the distribution system, aggregating about 11,000 lin. ft. of welding.
Complete bids follow:
W. E. Thomas ..... $ 4,070
Jack P. McIntyre 5,830
Steel Tank & Pipe Co. 6,380
H. S. Brown (Brown Bros. Welding Co.) 6,380
H. C. Price, Inc. 10,340
Cassidy & Gratta, S. F. 12,980

BIDS OPENED
SACRAMENTO, Cal.—W. H. Pitzer, Colusa, at $2.15 per hour submitted low bid to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 36-120, for furnishing and operating dump trucks, 4 cu. yd. capacity, for approximately 120 hours.
Complete bids follow:
W. H. Pitzer, Colusa $2.15
Paul Entremont, Colusa 2.20
Della Rosa Trucking Co., Martinez 2.40
Hemstreet & Bell, Marysville 2.40
Rock & Gravel Trucking Co. Oakland 3.00
C. Mankel, Sacramento 3.00
L. M. Giorgi, San Francisco 3.50
The trucks will be used for hauling earth and cobbles loaded into them by dragline and dumping it as directed by the contracting officer at the site of work near Colusa Weir, about three miles north of Colusa.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

STATE OF WASHINGTON. — Until January 14, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for bridge construction as follows:

Walla Walla County: Grading and constructing a treated timber and steel overcrossing of the Northern Pacific Railway Co. tracks on about 1.2 miles of State Road No. 3, Wallula vicinity, in Walla Walla County, involving about 112,780 c.y. of excavation, 3,530 c.y. of selected roadway borrow, 200 c.y. of concrete, 30,600 lbs. of steel reinf. bars, 30,200 lbs. of structural carbon steel, 37 MBM of timber and lumber (treated creo-petrol blend), 4 MBM of timber and lumber (zinc chloride treated), 2,940 l.f. of piling (treated creo-petrol blend), and other items.

King County: Constructing a treated timber and steel overcrossing of the White River Lumber Co. tracks on State Road No. 5, Enumclaw East, in King County, involving about 230 c.y. of excavation, 665 c.y. of concrete, 83,000 lbs. of steel reinforcing bars, 35,000 lbs. of structural carbon steel, 158 MBM timber and lumber (creosote treated) 4 MBM timber and lumber (zinc chloride treated) & other items.

Plans and specifications obtainable from the above office upon deposit of $2.00 per set.

CONTRACT AWARDED

COLUSA COUNTY, Cal.—M. A. Jenkins, 3560 Y St., Sacramento, at $2,888 awarded contract by State Highway Commission, Sacramento, for removing and dosposing of portions of four existing concrete bridges in Colusa County between Williams and the northerly boundary.

HEARING SET

CORONADO, San Diego Co., Cal.—The application of the City of Coronado under date of December 16, 1935 and modified under date of December 26, 1935, for approval of plans for construction of a suspension bridge across San Diego Bay from the City of Coronado to the City of San Diego, will be considered at a public hearing on the subject to be held by the District Engineer in the Auditorium of the Chamber of Commerce, Columbia Street and Broadway, San Diego, at 10 A. M., January 17, 1936.

All interested parties are invited to be present or to be represented at the above time and place, particularly navigation interests, and the officials of any county, city, town or local association whose interests may be affected by the construction of the proposed work. They will be given an opportunity to express their views upon the suitability of the location and the adequacy of the plans with reference to navigation, and to suggest changes considered desirable in the interests of navigation.

Oral statements will be heard, but for accuracy of record all important facts and arguments should be submitted in writing, as the records of the hearing will be forwarded for consideration by the War Department. Written statements may be handed to the undersigned at the hearing, or mailed to him beforehand, and should be submitted in triplicate.

The bridge with total length of 6761 feet will have a suspension portion of three spans for 1904 feet between pierhead lines, the central span with clear width of 963 feet, the two side spans each with clear width of 312 feet to the pierhead lines. The vertical clearances above mean lower low water will be for the central span 143 feet at the center and 130 feet near the piers, and for the side spans 127 feet at the channelward piers and 108 feet at the pierhead lines. There will be trestle approaches 3042 feet and 1815 feet at the northerly and southerly ends respectively.

The plans accompanying the application may be seen at the office of the U. S. Engineer, 751 S. Figueroa Street, Los Angeles. Theodore Wyman, Jr., Major, Corps of Engineers, District Engineer.

BIDS WANTED

STATE OF OREGON.—Until Jan. 10 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, Third Floor, Public Service Bldg., Portland, for bridge construction as follows:

Clackamas County: Construction of a concrete bridge over the Clackamas River and 0.7 mile grading and oil mat surface treatment on Woodburn-Sandy Highway at Estacada. Requires approximately 30,300 c.y. excavation; 4,600 c.y. selected roadbed topping; 1,200 c.y. crushed gravel surfacing; 9,600 s.y. oil mat surface treatment; 1,560 c.y. concrete; 210,000 lbs. metal reinforcement and 780 l.f. concrete handrail.

Klamath County: Construction of a concrete, steel and timber undercrossing under the Oregon, California and Eastern Railway tracks and 0.48 mile grading, surfacing and bituminous macadam wearing surface on the Klamath Falls-Lakeview Highway at Olene, approximately 12 miles southeasterly from Klamath Falls. Requires approximately 10,000 c.y. excavation; 2,500 c.y. selected roadbed topping; 600 c.y. salvaged surfacing materials; 5,700 s.y. bituminous macadam wearing surface; 250 c.y. concrete; 1,300 lbs. metal reinforcement; 44,000 lbs. structural steel 4 MFBM untreated timber and 22 M F B M treated timber. This project may be bid in combination with the Dairy Overcrossing project.

Klamath County: Construction of a concrete bridge over the Oregon, California and Eastern Railway and 0.51 mile grading, surfacing and bituminous macadam wearing surface on the Klamath Falls-Lakeview Highway nr. Dairy, about 17½ miles east of Klamath Falls. Requires approximately 13,000 c.y. excavation; 2,600 c.y. pit-run cinder topping; 900 c.y. salvaged bituminous macadam wearing surface; 360 c.y. concrete; 61,000 lbs. metal reinforecement and 256 l.f. concrete handrail.

Umatilla County: Construction of an overcrossing over the O. W. R. & N. Company's tracks and 1.5 miles grading and paving of city streets and state highway on the Old Oregon Trail in Pendleton. Requires approximately 37,000 c.y. excavation; 2,000 c.y. gravel ballast; 800 c.y. crushed rock ballast; 7,000 l.f. concrete curbs; 1,900 s.y. concrete sidewalks; 500 c.y. salvaged surfacing materials; 9,700 c.y. pit-run gravel sub-base materials; 2,300 c.y. crushed gravel or crushed rock base and surfacing materials; 24,000 s.y. asphaltic concrete pavement; 3,000 l.f. railway track construction; 3,000 c.y. concrete; 500,000 lbs. metal reinforcement; 2,020 l.f. concrete handrail and 3,000 lbs. metal pipe handrail.

Plans and specifications obtainable at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.00 per set.

BIDS WANTED

STATE OF OREGON.—Until Jan. 10 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, Third Floor, Public Service Bldg., Portland, for bridge construction, as follows:

Malheur County: Construction of a steel and timber bridge over Owyhee River on the Jordan Creek Section of the I.O.N. Secondary Highway two miles south of Rome. Requires approximately 550 c.y. excavation; 450 c.y. concrete; 74,000 lbs. metal reinforcement; 226,000 lbs. structural steel; 26 MFBM treated lumber and 680 l.f. concrete handrail.

Marion County: Construction of an undercrossing under the Southern Pacific Company's tracks and 0.27 mile grading and paving on Pacific Highway at the north city limits of Salem. Requires approximately 27,600 c.y. excavation; 3,700 c.y. borrowed embankment materials; 3,500 c.y. gravel embankment materials; 900 c.y. gravel ballast; 1,150 s.y. concrete sidewalks; 4,900 s.y. Portland cement concrete pavement; 1,250 l.f. concrete curbs; 21,000 l.f. treated piling; 5,200 c.y. of concrete; 524,000 lbs. metal reinforcement; 1,166,000 lbs. structural steel; 8,000 s.f. 3-ply membrane waterproofing and 1,900 l.f. concrete handrail.

Multnomah County: Construction of an overcrossing over the O.W.R. & N. Company's tracks and 0.26 mile grading and paving on 102nd Ave. (Craig Road) near Portland. Alternate bids will be taken on this project: Alternate "A" consisting of 550 l.f. of reinforced concrete bridge and Alternate "B" consisting of 490 l.f. of treated timber viaduct approach and a 60-ft. steel girder span.

ALT. "A" requires approximately 1,750 c.y. exavation; 3,200 s.y. Portland cement concrete pavement; 1,200

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

c.y. gravel surfacing; 2,050 c.y. concrete; 380,000 lbs. metal reinforcement and 1,650 l.f. concrete handrail.

ALT. "B" requires approximately 1,830 c.y. excavation; 3,200 s.y. Portland cement concrete pavement; 1,200 c.y. gravel surfacing; 1,200 c.y. concrete; 200,000 lbs. metal reinforcement; 252 MFBM treated lumber; 54,600 lbs. structural steel and 1,650 l.f. composite handrail.

Bids may be submitted on either or both alternates.

Washington County: Construction of an undercrossing under the Oregon El. Railway tracks and 0.19 mile grading, surfacing and oil mat surface treatment on the Beaverton-Aurora Secondary Highway at Metzger. Requires approximately 10,600 c.y. excavation; 1,000 c.y. selected roadbed topping; 170 c.y. salvaged surfacing materials; 250 c.y. crushed gravel surfacing; 2,400 s.y. oil mat surface treatment; 1,900 l.f. treated piling; 18 MFBM treated lumber and 27,000 lbs. structural steel.

Plans and specifications obtainable at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.00 per set.

22—DREDGING, HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

COLUMBNA RIVER, Ore. — General Const. Co., 3840 Iowa, Seattle, at $96,710 awarded contract by the U. S. Engineer Office, Second Portland Dist., under Bid No. 964-36-157, for clearing land, excavating and removing the material and placing rock riprap for backwater channel improvement in the Columbia river, bet. Bonneville and Cascade Locks, Oregon.

AGREEMENT APPROVED

SAN FRANCISCO. — Board of Supervisors has approved an agreement between the San Francisco Bay Exposition Company and the City of Oakland defining the area from which material will be dredged to fill Yerba Buena Shoals. The dredging is to be so performed as to create a channel along the Eastbay waterfront for a distance of about 4400 feet, running north and south approximately 1500 feet easterly of the east boundary of the city of and county of San Francisco. The dredging is to be to a uniform depth over the entire area east of the shoals "to the end that there will be created throughout the entire combined areas a suitable anchorage and turning basin for Navy and commercial vessels."

If additional material is required it is to be taken from the Oakland waterfront south of the Key System piers.

Reclamation of the shoals area as proposed for the new municipal airport and 1938 exposition site will require an estimated 18,000,000 cu. yds. of material. The work is being financed in part with a grant of WPA funds

PERMIT APPLICATION FILED

SANTA BARBARA, Cal.—Application has been made by the City of Santa Barbara, for War Department permit to construct a rip-rap groin extending 350 feet seaward from the line of mean high tide for the protection of a 42-in. outfall sewer, located about 2000 fet easterly from foot of State St., Santa Barbara. Drawing showing the location and plan of the proposed groin may be seen at the office of the U. S. Engineer, 751 So. Figueroa St., until 11 A. M., Jan 8. Theodore Wyman Jr., Corps of Engineers, District Engineer.

23—IRRIGATION PROJ.

CONTRACT AWARDED

SUN RIVER PROJECT, Montana—T. G Rowland, 1558 Yale Ave., Salt Lake City, ot $13,530.90 awarded contract by the Bureau of Reclamation, Fiarfield, Montana, C. E. Crownover, Project Engineer, under Spec. No. 650, for the construction of earthwork and structures Mill Coulee waterway and laterals and sublaterals, Greenfield Division, and River Slope Division, Sun River Project, located near Fairfield and Augusta on the Sun River.

24— STREET LIGHTING

CONTRACT AWARDED

SAN FRANCISCO—H. S. Tittle Co., 85 Columbia Square, San Francisco, at $5564 awarded contract by the Public Utilities Commission, City Hall, under Airport Contract No. 36, for construction of a lighting system for landing field extension, San Francisco Airport.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

NAVAJO COUNTY, Arizona.—H. J. Hagen, Globe, at $174,486.41 awarded contract by the Arizona State Highway Commission, Phoenix, Dec. 28, for highway construction on the Globe-Springerville Highway, F.A.-105-D, A. F. E. 6059.

CONTRACT AWARDED

MENDOCINO COUNTY, Cal.—Smith Bros. Co., 1636 B St., Eureka, at $1,723 awarded contract by State Highway Commission, Sacramento, for the construction of a standard timber cattle pass in Mendocino County, between Hopland and Ukiah, at Sta. 72.

BIDS REJECTED

ORANGE COUNTY, Calif.—All bids received by the State Highway Engineer, Los Angeles, Dec. 23, for about 0.4 mile widening and paving with asphalt concrete in Orange County, in the City of Orange, Chapman Avenue and Glassell St., adjacent to the Plaza, have been rejected by the State Highway Commission, Sacramento.

C. O. Sparks, 2309 E. Olympic Blvd., Los Angeles, at $36,241.60 submitted the low bid.

CONTRACT AWARDED

KERN CO., Cal.—Oilfields Trucking Co., Box 751, Bakersfield, at $5,215 awarded contract by the State Highway Commission, Sacramento, for applying road-mix surface treatment on about five miles in Kern County, between two miles southwest of Scarles and Rademacher.

BIDS OPENED

LOS ANGELES COUNTY, Cal.—T. G. Smith, 8613 Madison Avenue, South Gate, at $2,772 submitted low bid to C. H. Purcell, State Highway Engineer, 808 State Bldg., Los Angeles, Dec. 23, for excavating and backfilling drainage sumps with sand, about 1½ miles southeast of Norwalk.

The work involves

(1) 3200 c.y. excavation;

(2) 3400 c.y. sand backfill in place.

The bidders were:

(A) T. G. Smith.
(B) Kovacevich & Price, Inc.
(C) Paul R. Huges.
(D) Owl Truck & Materials Co.
(E) Ansco Construction Co.
(F) Price Co., Santa Monica.
(G) Kuhn Bros., Inc.
(H) Geo. J. Bock & Co.
(I) Lovrich & L. B. Konjevod.
John Oberg (Irregular—not declared)

The unit bids were:

	(1)	(2)	Total
(A)	$ .42	$ .42	$2772.00
(B)	.33	.60	3096.00
(C)	.40	.60	3320.00
(D)	.53	.49	3362.00
(E)	.61	.49	3618.00
(F)	.74	.63	4510.00
(G)	.72	.72	4752.00
(H)	.70	.78	4892.00
(I)	1.60	.95	8250.00

BIDS WANTED

STATE OF WASHINGTON — Until January 11, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Whatcom County: Paving with Portland cement concrete and asphaltic concrete on about 1.0 mile of city streets and 1.5 mile of county road, Holly Street and Meridian Street in Bellingham and Guide Meridian Road, in Whatcom County, involving about 1930 cubic yards of excavation, 5889 square yards of Portland cement concrete pavement, 3518 tons of asphaltic concrete pavement, 650 linear feet of pipe culverts and other items.

Pacific County: Constructing bituminous macadam Class "D" penetration type on about 0.3 mile of State Road No. 13, City of Raymond in Pacific County, involving about 1130 cu. yds. of crushed stone surfacing and mineral aggregates (oil rock), 29 tons bituminous cement and other items.

Benton County: Surfacing about 7.5 miles of county road, Horn to Benton City, in Benton County, involving about 9040 cu. yds. of crushed stone surfacing.

Clark County: Constructing a bituminous macadam surface on about 0.7 mile of city streets in the City of Vancouver, in Clark County, involving about 3830 cu. yds. of excavation, 3320 cu. yds. of crushed stone surfacing and mineral aggregates (oil rock), 106 tons of bituminous cement and 375 lin. ft. of pipe culverts and other items.

Ferry County: Clearing, grading and surfacing about 1.0 mile of county road, Republic to Curlew Road, in Ferry County, involving about 8 acres of clearing, 20,920 cu. yds. of excavation, 2810 cu. yds. of crushed stone surfacing, 249 linear feet of pipe culverts and other items.

Island County: Clearing and grading about 2.1 miles of county road, Freeland-North, in Island County, involving about 16 acres of clearing, 27,850 cu. yds. of excavation, 6300 cu. yds. of selected roadway borrow, 555 lin. ft. of pipe culverts and other items.

Lincoln County: Grading about 1.3 miles of county road, Reardon-Long Lake, in Lincoln County, involving about 38,920 cu. yds. of excavation, 348 lin. ft. of pipe culverts and other items.

Skagit County: Clearing, grading and surfacing about 2.4 miles of county road, Big Lake Northwest, in Skagit County, involving about 12 acres of clearing, 39,320 cu. yds. of excavation, 4875 cu. yds. crushed stone surfacing, 22 cu. yds. of concrete, 1350 lin. ft. of guard rail, Type No. 4, 1322 lin. ft. of pipe culverts and other items.

Skamania County: Clearing, grading and surfacing about 1.0 mile of county road, Junction State Road No. 8 to Carson, in Skamania County, involving about 4 acres of clearing, 29,120 cu. yds. of excavation, 4290 cu. yds. of pit run gravel surfacing, 84 cu. yds. of concrete, 741 lin. ft. of pipe culverts and other items.

Spokane County: Clearing, grading,

surfaecing and constructing two treated framed timber trestles on about 5.7 mi. of county rd. Cheney-Plaza Rd. In Spokane County, involving about 11 acres clearing, 69,950 cu. yds. of excavation, 10,150 cu. yds. of crushed stone surfacing, 94 cu. yds. of concrete, 3815 lin. ft. of cable guard rail design No. 6, 46 M.B.M. treated timber and lumber, 2 M.B.M. untrtated timber and lumber, 957 lin. ft. of pip culverts and other items.

Thurston County: Clearing, grading and constructing a 30-ft. reinforced concrete T-beam bridge on about 1.3 miles of county road, Tenino Vicinity, in Thurston County, involving about 5 acres of clearing, 20,205 cu. yds. of excavation, 3330 cu. yds. of crushed stone surfacing, 151 cu. yds. of concrete, 150 lin. ft. of pipe culverts and other items.

Cowlitz County: Constructing a bituminous surfacing and treated timber bridge on about 0.6 mile of city streets, city of Longview, Sec. 1, Sacajewea Lake Bridge, and Sec. 2, Washington Way, 32nd Ave. to West City Limits, in Cowlitz County, involving about 870 cu. yds. of crushed stone surfacing, and mineral aggregates, 58 tons of bituminous cement, 65 M.B.M. timber and lumber, treated 3 MB.M. timber and lumber, untreated, and other items.

Clark County: Grading and paving with asphaltic concrete on about 1.7 mile of county road (Battleground Highway), Vancouver-East, in Clark County, involving about 2250 cu. yds. of excavation, 1230 cu. yds. of crushed stone surfacing, 2627 tons of asphaltic concrete Type 1-1, 543 lin. ft. of pipe culverts and other items.

Pacific County: Clearing, grading and surfacing about 0.7 miles of county road, Raymond West, in Pacific County, involving about 5 acres of clearing, 17,610 cu. yds. of excavation, 1810 cu. yds. of crushed stone surfacing and ballast, 126 lin. ft. of pipe culverts and other items.

San Juan County: Clearing and grading about 0.2 mile of county road, Cascade Creek Fill on Orcas Island, in San Juan County, involving about 1 acre of clearing, 4680 cu. yds. of excavation, 47 cu. yds. of concrete, 51 lin. ft. of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

KINGS COUNTY—6.3 Mi. Grading Shoulders — (State)

KINGS COUNTY, Cal.—L. F. Piazza, 296 N. Sixth St., San Jose, at $18,127.75 submitted low bid to the State Highway Commission, Sacramento, for grading shoulders on about 6.3 miles in Kings County, between two miles south of Lemoore and 1½ miles east of Stratford.

The work involves:

(1) 1000 cu. yds. roadway excavation, unclassified;
(2) 8000 cu. yds. imported borrow;
(3) 331 stations finishing roadway.

Total bids follow:

(A) Leo F. Piazza, San Jose, $18,-127.75.
(B) L. A. Brisco, Arroyo Grande, $18,365.
(C) Claude C. Wood, Stockton, $19,-165.
(D) Stewart & Nuss, Inc. and John Jurkovich, Fresno, $19,465.
(E) Earl W. Heple, San Jose,, $19,-644.50.
(F) M. J. B. Constr. Co., Stockton, $22,679.
(G) Rexroth & Rexroth, Bakersfield, $23,032.
(H) Oilfields Trucking Co., Bakersfield, $23,344.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.00	$ 1.40	$ 1.00	$ 2.50	$1.30	$2.50	$ 1.75	$ 1.00
(2)	1.51	1.50	1.65	15.00	9.50	9.00	22.00	24.00
(3)	15.25	15.00	15.00	1.50	1.90	2.15	1.75	1.80

RIVERSIDE CO.—10.9 Miles Grading, Aphalt Treating—(State)

RIVERSIDE COUNTY, Cal.—Sharp & Fellows Contracting Co., 533 Central Bldg., Los Angeles, at $129,848.90 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, December 27, for about 10.9 mi. of grading, treating with liquid asphalt and constructing a timber pile trestle in Riverside County between 10 miles west of Indio and Indio.

The work involves:

(1) 32 Stas clearing and grubbing right of way;
(2) 122,500 cu. yds. rdwy. excav. unclass.;
(3) 1,000 cu. yds. structure excav.;
(4) 2,000 cu. yds. ditch and channel excav.;
(5) 25,700 cu. yds. imported borrow;
(6) 426,000 station yds. overhaul;
(7) 577 stations finishing rdwy.;
(8) 20,000 cu. yds. imported selected material;
(9) 1,920 tons liq. asphalt SC-2 (road-mix surface treatment);
(10) 140,100 sq. yds. preparing, mixing, and shaping subgrade;
(11) 130,200 sq. yds. preparing, mixing, and shaping rdwy.;
(12) 220 tons liq. asphalt SC-2 (detours);
(13) 47 tons liq. asphalt SC-1A (slopes);
(14) 56 M.F.B.M. dense, select, all heart, structural redwood;
(15) 24 M.F.B.M. select, all heart, structural redwood;
(16) 1,650 lin. ft. furnishing Douglas fir piles (treated);
(17) 75 each driving piles;
(18) 2,004 lin. ft. 18 in. CMP;
(19) 112 lin. ft. 36-in. CMP;
(20) 87 lin. ft. laminated guard railing;
(21) 38 each culvert markers;
(22) 370 each guide posts;
(23) 0.6 mile moving and resetting property fences;
(24) 1,200 lin. ft. bank protection fence;
(25) 88 each monuments.

Total bids follow:

(A) Sharp & Fellows Contracting Co., Los Angeles, $129,848.90.
(B) V. R. Dennis Const. Co., San Diego, $138,132.50.
(C) Oswald Bros., Los Angeles, $141-640.00.
(D) Matich Bros., Elsinore, $143,247.47
(E) Basich Bros., Torrance, $146,795.70
(F) George Herz & Co., San Bernardino, $146,830.30.
(G) Oswald Bros., Los Angeles, $141,-640.00.
(H) J. E. Haddock, Ltd., Pasadena, $154,223.60.
(I) Gibbons and Reed Co., Burbank $155,330.40.
(J) Granfield, Farrar and Carlin, San Francisco, $185,410.20.
(K) Griffith Co., Los Angeles, $198,-247.75.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	$90.00	$ 10.00	$135.00	$109.00	$150.00	$ 25.00	$120.00	$150.00	$100.00	$100.00	$ 10.00
(2)	.235	.22	.30	.26	.22	.34	.30	.30	.30	.30	.43
(3)	.80	1.00	1.40	1.08	.150	1.10	1.00	1.50	1.50	1.50	1.00
(4)	.235	.75	.15	.37	1.25	.25	.20	.50	.50	1.00	.40
(5)	.78	.65	.55	.72	.75	.77	.70	.80	.75	.75	1.00
(6)	.004	.005	.005	.01	.005	.005	.01	.01	.005	.01	.005
(7)	4.00	9.50	3.00	6.65	10.00	6.00	10.00	10.00	10.00	10.00	12.00
(8)	.85	1.25	1.00	1.00	.85	1.00	.85	1.00	1.20	2.00	1.75
(9)	11.00	10.00	10.75	9.15	9.45	10.25	10.50	10.00	12.00	12.00	14.00
(10)	.04	.04	.045	.054	.04	.03	.055	.06	.05	.10	.06
(11)	.06	.07	.05	.054	.045	.038	.06	.07	.06	.08	.08
(12)	11.00	20.00	22.00	31.00	35.00	19.00	30.00	10.00	12.00	12.25	14.00
(13)	16.00	15.00	18.00	24.70	16.00	20.00	20.00	20.00	22.00	21.00	15.00
(14)	90.00	80.00	100.00	96.30	130.00	104.00	100.00	95.00	100.00	100.00	100.00
(15)	80.00	80.00	100.00	89.00	120.00	96.00	95.00	95.00	100.00	90.00	90.00
(16)	.60	.60	.66	.57	.90	.63	.60	.60	.70	.75	.60
(17)	12.00	15.00	14.00	14.50	25.00	15.00	15.00	15.00	20.00	50.00	15.00
(18)	1.60	2.25	1.85	2.03	2.80	2.10	2.00	1.65	1.60	1.80	2.00
(19)	4.50	6.00	5.25	4.75	10.00	6.00	5.50	4.25	4.50	4.90	5.00
(20)	1.00	1.00	1.30	2.00	1.50	1.40	1.20	1.00	1.00	1.10	1.25
(21)	3.00	2.00	2.00	1.45	2.00	2.50	2.50	2.50	1.50	2.50	2.00
(22)	2.00	2.00	1.80	1.45	2.00	2.50	2.50	2.00	1.50	2.50	2.00
(23)	300.00	600.00	500.00	200.00	280.00	450.00	250.00	400.00	150.00	300.00	300.00
(24)	3.50	4.00	4.90	3.40	6.00	5.50	3.70	4.00	4.00	2.50	7.00
(25)	3.00	3.00	3.00	2.50	3.00	3.00	3.50	3.00	2.50	3.50	3.00

NOTE: [illegible] E Trask, consulting engineer, Bradbury Bldg., Los Angeles,was present at the opening of bids and before the bids were read, entered in behalf of owners of property abutting on the proposed improvement a protest against the opening of bids, the location of the proposed work, and the entire proceeding. The protest was noted by the engineer officiating who stated that the protest would be forwarded to Sacramento.

CONTRACT AWARDED

IMPERIAL COUNTY, Calif.—R. E. Hazard & Sons, 2548 Kettner Blvd., San Diego, at $45,505 awarded contract by the State Highway Commission, Sacramento, for about 9.8 miles grading, surfacing with gravel and road mix surface treatment applied thereto; and a timber bridge and structure to be constructed, in Imperial County between three miles east of Imperial and one-half mile east of Brawley.

CONTRACT AWARDED

LAKE COUNTY, Cal.—Smith Bros., Co., 1636 B St., Eureka, at $2,713.55 awarded contract by the State Highway Commission, Sacramento, for the construction of two standard timber cattle passes in Lake County between Upper Lake and Sweet Hollow Summit.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—T. G. Smith, 8613 Madison Avenue, South Gate, at $2,772 awarded contract by the State Highway Commission, Sacramento, for excavating and backfilling drainage sumps with sand, about 1½ miles southeast of Norwalk.

CONTRACT AWARDED

MARIN COUNTY, Cal.—J. H. Pomeroy & Co., Inc., 222 Montgomery St., San Francisco, at $11,600 per month awarded contract by the Golden Gate Bridge & Highway District Directors for furnishing equipment for construction of about 1.5 miles of road on the Sausalito lateral from the Sausalito gate at Alexander Avenue through Ft. Baker, connecting with the main Waldo highway. Labor will be furnished by the WPA.

Equipment to be furnished will include 1½-yd. shovels; 16- and 30 Caterpillars with bulldozers, angledozers and roller equipment; fifteen 5-yard trucks; two compressors, 240 c.f. capacity, jack hammers, and a truck wagon.

BIDS WANTED

STATE OF OREGON.—Until Jan. 10 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, Third Floor, Public Service Bldg., Portland, for highway construction as follows:

Columbia County: Columbia County oiling project on four sections of county road; 8.46 miles crushed rock surfacing and oil mat surface treatment. Requires approximately 2,650 c.y. of crushed rock surfacing materials, and 86,000 s.y. oil mat surface treatment.

Deschutes County: Upper Tumalo Section of Tumalo Falls-Bend County Road; 3.5 miles grading, requiring approximately 39,000 c.y. excavation.

Multnomah Co.: Humphrey Boulevard, 45th Avenue and Cameron Road bituminous macadam project on two sections of county road; 3.06 miles of surfacing and bituminous macadam wearing surface. Requires approximately 2,400 c.y. excavation; 8,800 c.y. pit-run gravel sub-base materials; 2,550 c.y. crushed gravel base and shoulder materials; 1,000 c.y. salvaged surfacing materials, and 33,000 s.y. bituminous macadam wearing surface.

Union and Wallowa Counties: Elgin-Rock Creek Rock Production Project. Furnish approximately 13,000 c.y. of crushed rock in stockpile.

Plans and specifications obtainable at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.00 per set.

BIDS WANTED

STATE OF OREGON.—Until Jan. 9 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, Third Floor, Public Service Bldg., Portland, for highway construction as follows:

Benton County: Polk County Line-Soap Creek Section of Tampico Co. Road. 3.1 miles of grading, requiring approximately 35,000 c.y. excavation.

Clackamas County: Clackamas Co oiling project on 8 sections of county road; 27.87 miles of oil mat surface treatment.

Multnomah County: 122nd Avenue-Troutdale Section of NE Halsey St.; 0.82 mile grading and 5.72 miles asphaltic concrete paving. Requires approximately 3,500 c.y. excavation, 12,300 c.y. pit-run gravel sub-base materials; 8,700 c.y. crushed gravel base, shoulder and footpath materials, and 69,000 sq. yds. asphalt concrete pavement.

Clatsop & Tillamook Counties: West Lake-Mohler rock production project on Oregon Coast Highway. Furnish approximately 16,500 c.y. crushed rock in stockpile.

Klamath County: Merrill - California line section of Merrill-Hatfield County road and Malin-California line section of The Dalles-California highway; 2.5 miles grading, surfacing and oil mat surface treatment and 2.86 miles surfacing. Requires approximately 93,000 c.y. excavation; 16,000 c.y. crushed rock surfacing materials; 30,000 sq. yds oil mat surface treatment and 3,500 c.y. crushed rock in stockpile.

Plans and specifications obtainable at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.00 per set.

CONTRACT AWARDED

YAVAPAI COUNTY, Ariz.—Pearson & Dickerson, Box 471, Prescott, at $141,959.56 awarded contract by the Arizona State Highway Commission, Phoenix, Dec. 28, for highway construction on the Prescott-Jerome Highway (F.A. 96-C; A.F.E. 7909). The work, which is to begin at the Prescott- National Forest boundary, about 22 miles northeast of Prescott, and is to extend northeasterly for about 5½ miles, consists of grading and draining, and is to be completed on or before August 31, 1936. The bids were opened December 6.

BIDS WANTED

SAN FRANCISCO. — Until January 10, 11:30 A. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,917, for the widening and reconstruction of the roadway on Fifth St. between Mission and Harrison Streets and between Bryant and Townsend Sts. Estimated cost, $50,000.

The work involves:

(1) 1,460 c.y. rock fill;
(2) 12,300 s.f. remove asphalt - concrete pavement, consisting of a 6-in. concrete base and a 2-in. asphaltic concrete pavement;
(3) 20,400 s.f. remove asphaltic-concrete wearing surface;
(4) 41 each catchbasins, reset or reconstructed;
(5) 2 each catchbasins, complete;
(6) 960 l.f. 12-in. VCP sewer, in place
(7) 41 each concrete curb inlets;
(8) 4,500 l.f. granite curb, reset;
(9) 2,100 s.f. granite curb, redressed;
(10) 560 l.f. granite curb (tangent) in place;
(11) 550 l.f. granite curb (circular) in place;
(12) 50 c.y. Class B concrete curb backing;
(13) 38,000 s.f. 8-in. Class E concrete pavement;
(14) 2,300 tons asphaltic concrete base and leveling course;
(15) 1,850 tons asph. concrete wearing surface;
(16) 200 tons asphaltic concrete conform pavement;
(17) 16 each street and traffic signs, reset;
(18) 12,500 s.f. one-course conc. sidewalk;
(19) 2,600 s.f. asphalt macadam walk, consisting of a 4-in. rock macadam base, and a 2-in. asphaltic concrete wearing surface;
(20) 100 each cross walks markers, in place;
(21) 50 l.f. 10-in. VCP culvert in place.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

30—RESERVOIRS & DAMS

CONTRACT AWARDED

PRESCOTT Ariz.—Pearson & Dickerson, Prescott, were awarded the contract by Prescott city council Dec. 19 at $69,756, for constructing a check dam on the Upper Hassayampa Creek, installing a connecting pipe line and repairing Lake Goldwater Dam.

Case Const. Co., Alhambra, Calif., submitted the only other bid at $74,671.00.

COMPLETE BID LISTING

CARLSBAD PROJECT, N. M.—Hallett Construction Co., Crosby, Minn., at $1,132,547, as previously reported, submitted low bid to the Bureau of Reclamation, Carlsbad, N. M., under Spec. No. 660, December 21, for the construction of the Alamogordo Dam, Carlsbad Project. L. E. Foster, project superintendent.

The work is located near Ft. Sumner, and the principal items of work involved are:

(1) 36,900 c.y. excav. in open cut, common;
(2) 184,000 c.y. do, rock;
(3) 1,490,000 c.y. excavation in borrow pits, common;
(4) 52,000 c.y. excavation in borrow pits, rock;
(5) 4,200 c.y. tunnel and shaft excavation;
(6) 227,000 c.y. stripping for dam embankment and borrow pits;
(7) 1,340,000 c.y. earth fill in dam;
(8) 8,000 c.y. backfill about struc.;
(9) 290,000 c.y. rock fill on downstream slope;
(10) 50,000 c.y. rock riprap on the upstream slope;
(11) 3,000 c.y. rock riprap about spillway;
(12) 2,960 c.y. concrete in tunnel, gate chamber and shaft;
(13) 10,900 c y. concrete in spillway & stilling basin;
(14) 3,580 c.y. concrete in other parts of dam.
(15) 12,000 c.f. pressure grouting;
(16) Drilling 13,000 l.f. grout holes;
(17) Drilling 8,000 l.f. holes for anchor bars;
(18) Placing 1,500,000 lbs. rein. bars;
(19) Constructing 6,460 l.f. embankment toe drains and spillway drains;
(20) Furnishing and installing 25,000 lbs. tunnel liner plates;
(21) Installing 726,600 lbs. of gates, valves and other metalwork.

Work shall be commenced within 30 calendar days and completed within 700 calendar days from date of receipt of notice to proceed.

Complete total bids follow:

Hallett Constr. Co., Crosby, Minn., $1,132,547.
Mittry Bros. Constr. Co., Los Angeles, $1,144,000.
Macco Constr. Co., Clearwater, $1,231,849.50.
Martin Wonderlich Co., Jefferson City Mo., $1,243,380.
S. J. Groves & Sons Co., Minneapolis, $1,252,310.

Hinman Bros. Const. Co., Denver, Col. $1,293,880.
Hardwick & Co., St. Louis, Mo., $1,-340,890.
W. E. Callahan Constr. Co., Dallas, $1,315,675.
Ed. H. Honnen, Colorado Springs, Colo, $1,368,355.
Utah Constr. Co., San Francisco, $1,-498,400.
Three Companies, Inc., Denver, $1,-518,294.
George W. Condon Co., Omaha, $1,-637,065.
Frazier Davis Constr. Co., St. Louis, $1,777,212.50.

COMPLETE BID LISTING

BOISE PROJECT, Idaho — T. E. Connolly, Inc., 461 Market St., San Francisco, at $395,040, as previously reported, submitted low bid to the Bureau of Reclamation, % Boise Project Board of Control, Boise, R. J. Newell, Construction Engineer, under Spec. No. 661, for the raising of the Arrowrock Dam, Boise Project.

Bids were taken as follows:

(1) 18,000 cu. yd.s excav. common, at downstream toe of dam;
(2) 100 cu. yds. excav., rock, at downstream toe of dam;
(3) 12,000 cu. yds. excavation, common, in river channel;
(4) 1000 cu. yds. excavation, rock, in river channel;
(5) 3000 cu. yds. excavation, all classes, in existing diversion tunnel;
(6) 1350 cu. yds. excav., all classes, in included diversion tunnel;
(7) 500 cu. yds. excav. old concrete;
(8) 33,000 sq. yds. chipping and roughening not more than 3-in. deep on surface of old concrete;
(9) 4000 sq. yds. chipping and roughening more than 3-in. deep but not more than 12-in. deep on surface of old concrete;
(10) 4500 cu. yds. backfill;
(11) 10 MFBM removing old timbering in diversion tunnel;
(12) 10 MFBM install permonent timbering in tunnels;
(12) 10 MFBM install permanent timanchor and grout bars in place;
(14) 13,000 cu. yds. concrete in slab on downstream face of dam;
(15) 3600 cu. yds. concrete on crest of dam;
(16) 500 c.y. concrete in curbs and parapets;
(17) 240 c.y. concrete in tunnel lining
(18) 50 c.y. concrete in pipe anchors;
(19) 800 c.y. concrete in spillway crest
(20) 150 c.y. concrete in spillway piers
(21) 1,100 c.y. concrete in floor spillway channel;
(22) 250 c.y. concrete in side walls of spillway channel;
(23) 16,000 c.f. gunite;
(24) 675,000 lbs. placing reinf. bars;
(25) 52,000 lbs. placing and anchoring gunite reinf. fabric;
(26) 1,200 l.f. installing metal sealing strips;
(27) 800 sq. yds. special finishing of concrete surfaces;
(28) 16,000 lin. ft. manufacturing and placing porous concrete drain tile;
(29) 275 l.f. drilling drainage holes;
(30) lump sum, dismantling, reconditioning, installing, and painting drum gates, hinges, and sills;
(31) lump sum, dismantling existing counterweights, sheaves & supports;
(32) 41,000 lbs. installing 24-in. needle valves, automatic gate-operating mechanisms, and piping;
(33) lump sum, dismantling, altering and installing operating machinisms for 30-in. butterfly valves;
(34) lump sum, dismantling, altering, and installing hatchway cover & manhole cover;
(35) 36 lamp posts, dismantling and reinstalling metal lamp posts;
(36) lump sum, dismantling, reconditioning and installing pipe handrails;
(37) 28,000 lbs. installing penstock outlet pipes;
(38) 2,000 lbs. installing steel outlet pipe anchors and supports;
(39) 22,000 lbs. installing steel stairway on dam;
(40) 60,000 pounds installing miscellaneous metal work;
(41) 3,560 l.f. installing electric conduits.

Total bids follow:

(A) T. E. Connolly, Inc., San Francisco, $395,040.00.
(B) Utah Const. Co., Ogden, and Morrison - Knudsen Co., Inc., Boise, $519,352.50.
(C) Case Const. Co., Inc., Alhambra, Calif., $542,738.40.
(D) Colonial Const. Co., Spokane, $576-022.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .36	$ .50	$ 1.30	$ 1.00
(2)	2.00	10.00	8.00	5.00
(3)	.40	.50	.55	.30
(4)	2.00	1.80	3.60	5.00
(5)	5.00	1.50	3.25	1.00
(6)	18.00	20.00	10.00	15.00
(7)	8.00	18.00	14.00	10.00
(8)	1.20	2.50	1.95	2.00
(9)	2.00	3.00	4.50	5.00
(10)	.30	.40	.30	.50
(11)	20.00	40.00	50.00	50.00
(12)	70.00	100.00	85.00	100.00
(13)	.50	.50	.75	1.50
(14)	10.70	13.50	16.85	15.00
(15)	8.00	10.00	9.60	15.00
(16)	17.00	22.50	32.00	15.00
(17)	25.00	20.00	10.35	15.00
(18)	18.00	15.00	10.35	15.00
(19)	15.00	20.00	20.00	15.00
(20)	25.00	30.00	40.00	15.00
(21)	8.00	15.00	10.40	15.00
(22)	12.00	25.00	22.70	15.00
(23)	1.10	1.80	1.10	1.50
(24)	.02	.02	.012	.03
(25)	.03	.04	.03	.05
(26)	.50	.60	.50	.50
(27)	.70	1.50	.75	1.50
(28)	.40	.50	.22	.45
(29)	2.00	.50	2.50	1.50
(30)	5000.00	4500.00	5800.00	5000.00
(31)	1000.00	450.00	2100.00	500.00
(32)	.03	.05	.03	.05
(33)	600.00	200.00	625.00	100.00
(34)	500.00	1000.00	775.00	500.00
(35)	20.00	20.00	15.40	10.00
(36)	300.00	475.00	650.00	400.00
(37)	.03	.03	.03	.05
(38)	.05	.04	.03	.05
(39)	.03	.10	.06	10
(40)	.05	.05	.04	.03
(41)	.50	.20	.20	.50

Bids held under advisement.

31—PIPE LINES & WELLS

APPROXIMATE QUANTITIES

RIVERSIDE AND SAN BERNARDINO COS., Cal.—Approximate quantities for construction of about 16.7 miles of pipe lines between Cajalco and Fontana, under Spec. No. 137, for which bids are to be opened by the Metropolitan Water District, 306 W. Third St., Los Angeles, January 7, 10 A. M., as previously reported, are shown below. Work calls for construction of precast concrete pipe and steel pipe lines, a 3-span through truss bridge and appurtenant works of the Colorado River aquduct distribution system, between Sta. 31 plus 50 and 926 pluts 00 of the Upper Feeder. The work is located in the counties of Riverside and San Bernardino and comprises approximately 16.47 miles of pipe line construction between Cajalco Reservoir and a point on the line of the Upper Feeder, about 10 miles west of San Bernardino. The work to be bid upon has been divided into schedules as follows:

Schedule 1-P; 2.33 miles in length, pipe sizes, pre-cast, 11 ft. 8 in.;

Schdule 2-S or 2-K; 10.33 miles in length; pipe sizes, steel, 9 ft. 8 in. to 12 ft. 0 in.;

Schedule 2-B: Santa Ana river bridge;

Schedule 3-P or 3-S; 3.81 miles in length; pipe sizes, pre-cast 11 ft. 8 in.; steel, 12 ft. 0 in.;

Schedules 2-S and 2-K are alternative, as are Schedules 3-P and 3-S. In the event award is made for precast pipe under Schedule 3-P, the steel pipe sizes of Schedule 2-S must be used; for steel pipe under Schedule 3-S, the steel pipe sizes on Schedule 2-K are required; bids will be compared on the basis of securing the lowest total cost to the district on said schedule, viz., 2-S and 3-P or 2-K and 3-S. No other combination of these two schedules will be considered. A proposal under either Schedules 2-S or 2-K will not be considered unleses the bidder also submits a proposal under Schedule 2-B; and an award, if made under such a proposal, will be for not less than Sch. 2-B and one of the alternative Sch. 2-S or 2-K.

SCHEDULE 1-P

Schedule of prices for the construction of pre-cast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Station 31 plus 50 and 155 plus 00. Pipe diameter 11 ft. 8 in.; length, 12,277 feet.

(1) does not apply hre;
(2) 180,00 cu. yds. excav. for pipe—side slope tren0h;
(3 300 cu. yds. excav. for structures;
(4) 120,000 cu. yds. backfill;
(5) 800 cu. yds. concrete in structures, reinforced;
(6) 50 cu. yds. concrete in structures plain;
(7) 120 cu. yds. concrete in anchors;
(8) 4400 cu. yds. concrete in cradle;
(9) does not apply here;
(10) 9160 lin. ft. precast concrete pipe, cage reinforcement, mortar joint;
(11) 3180 lin. ft. precast concrete pipe, cylinder reinforcement, lock joint;
(12) 90,000 lbs. placing reinf. steel in in structures;
(13) 4,300,000 lbs. furnishing and placing reinf. steel inu precast pipe;
(14) to (82) do not apply here;
(83) 6000 lbs. furnish and install thimbles for connections to precast pipe;
(84) to (88) do not apply here;
(89) (89) 70,000 lbs. installing miscellaneous metal;
(90) and (91) do not apply here;
(92) 100 lin. ft. installing concrete pipe, 12-in. diameter;
pipe, 8-in. diameter.
(93) 100 lin. ft. installing concrete.

SCHEDULE 2-S

Schedule of prices for the construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 155 plus 00 and 707 plus 00. Pipe diameters 9 ft. 8 in. to 11 ft. 6 in.; length, 54,530 ft.

Note: 1—Schedules 2-S and 2-K are alternative and both will not be awarded. 2—A bid under Schedule 2-S will not be considered unless the bidder also submits a proposal under Schedule 2-B.

(1) 70,000 cu. yds. excav. for pipe, vertical trench;
(2) 515,000 cu. yds. excav. for pipe side slope trench;
(3) 1500 cu. yds. excav. for structures;
(4) 407,000 cu. yds. backfill;
(5) 2500 cu. yds. concrete in structures, reinforced;
(6) 300 cu. yds. concrete in structures, plain;
(7) 600 cu. yds. concrete in anchors;

(8) to (11) do not apply here;
(12) 500,000 lbs. placing reinf. steel in structures;
(13) does not apply here;
Furnishing and installing plate steel pipe of the following sizes:
(14) 1051 lin. ft. 9 ft. 8 in. diam.; ⅞-in. thick;
(15) 60 lin. ft. 10 ft. 4 in., 25/32-in.;
(16) 2760 lin. ft. 10 ft. 4 in., 13/16-in.;
(17) 1110 lin. ft. 10 ft. 4 in. 27/32-in.;
(18) 777 lin. ft. 10 ft. 4 in. ⅞-in.;
(19) 2670 lin. ft. 10 ft. 4 in., 29/32-in.;
(20) 2333 lin. ft. 10 ft. 4 in., 15/16-in.;
(21) 3500 lin. ft. 10 ft. 4 in., 31/32-in.;
(22) 800 lin. ft. 10 ft. 6 in., 17/32-in.;
(23) 790 lin. ft. 10 ft. 6 in., 9/16-in.;
(24) 1510 lin. ft. 10 ft. 6 in., 19/32-in.;
(25) 1060 lin. ft. 10 ft. 6 in., ⅝-in.;
(26) 680 lin. ft. 10 ft. 6 in. 21/32-in.;
(27) 620 lin. ft. 10 ft. 6 in., 11/16-in.;
(28) 2220 lin. ft. 10 ft. 6 in., 23/32-in.;
(29) 1152 lin. ft. 10 ft. 6 in., ¾-in.;
(30) 1000 lin. ft. 10 ft. 6 in., 25/32-in.;
(31) does not apply here;
(32) 1670 lin. ft. 10 ft. 6 in., 27/32-in. thick;
(33) 180 lin. ft. 10 ft. 6 in., ⅞-in.;
(34) 1500 lin. ft. 10 ft. 6 in., 29/32-in.;
(35) to (41) do not apply here;
(42) 280 lin. ft. 10 ft. 8 in., ¾-in.;
(43) 1040 lin. ft. 10 ft. 8 in., 25/32-in.;
(44) 1110 lin. ft. 10 ft. 8 in., 13/16-in.
(45) 730 lin. ft. 10 ft. 8 in., 27/32-in.;
(46) 1475 lin. ft. 10 ft. 8 in. ⅞-in.;
(47) 2335 lin. ft. 10 ft. 8 in., 29/32-in.;
(48) 240 lin. ft. 10 ft. 8 in., 15/16-in.;
(49) 175 lin. ft. 10 ft. 8 in., 31/32-in.;
(50) 180 lin. ft. 10 ft. 10 in., 25/32-in.;
(51) 417 lin. ft. 10 ft. 10 in., 13/16-in.;
(52) 600 lin. ft. 10 ft. 10 in., 27/32-in.;
(53) to (55) do not apply here;
(56) 80 lin. ft. 11 ft. 0 in., 23/32-in.;
(57) 470 lin. ft. 11 ft. 0 in., ¾-in.;
(58) 420 lin. ft. 11 ft. 0 in., 25/32-in.;
(59) 610 lin. ft. 11 ft. 0 in., 13/16-in.;
(60) 1935 lin. ft. 11 ft. 0 in., 27/32-in.;
(61) 1940 lin. ft. 11 ft. 0 in., ⅞-in.;
(62) 70 lin. ft. 11 ft. 2 in., 21/32-in.;
(63) 1010 lin. ft. 11 ft. 2 in., 11/16-in.;
(64) 1940 lin. ft. 11 ft. 2 in., 23/32-in.;
(65) 460 lin. ft. 11 ft. 2 in., ¾-in.;
(66) 880 lin. ft. 11 ft. 2 in., 25/32-in.;
(67) 590 lin. ft. 11 ft. 2 in., 13/16-in.;
(68) 40 lin. ft. 11 ft. 4 in., 19/32-in.;
(69) 230 lin. ft. 11 ft. 4 in., ⅝-in.;
(70) 370 lin. ft. 11 ft. 4 in., 21/32-in.;
(71) 1150 lin. ft. 11 ft. 4 in., 11/16-in.;
(72) 550 lin. ft. 11 ft. 4 in., 23/32-in.;
(73) 730 lin. ft. 11 ft. 4 in., ¾-in.;
(74) 3090 lin. ft. 11 ft. 6 in., 9/16-in.;
(75) 530 lin. ft. 11 ft. 6 in., 19/32-in.;
(76) 450 lin. ft. 11 ft. 6 in., ⅝-in.;
(77) 1285 lin. ft. 11 ft. 6 in., 21/32-in.;
(78) 400 lin. ft. 11 ft. 6 in., 11/16-in.;
(79) and (80) do not apply here;
(81) 1,523,000 sq. ft. pipe coating, type A;
(82) 294,000 sq. ft. pipe coating, type B;
(83) does not apply here;
(84) 30,000 lbs. furnishing and installing manhole saddles and covers;
(85) 3000 lbs. furnishing and installing saddles for blow-offs and air valves;
(86) 55,000 lbs. furnishing and installing structural steel in walkway and blow-off frame work;
(87) 25 furnishing and installing pipe supports;
(88) 1 furnishing and installing expansion joint;
(89) 200,000 lbs. installing miscellaneous metal;
(90) 950 lin. ft. installing concrete pipe, 24-in. diameter;
(91) does not apply here;
(92) 100 lin. ft. install concrete pipe, 12-in. diameter;
(93) 200 lin. ft. install concrete pipe, 8-in. diameter.

SCHEDULE 2-K

Schedule of prices for the construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 155 plus 00 and 707 plus 00. Pipe diameters 9 ft. 8 in. to 12 ft. 0 in; length, 54,530 ft.

Note 1—Schedules 2-S and 2-K are alternative and both will not be awarded. 2—A bid under Schedule 2-K will not be considered unless the bidder also submits a proposal under Schedule 2-B.

(1) 70,000 cu. yds. excav. for pipe, vertical trench;
(2) 519,000 cu. yds. excav. for pipe, side slope trench;
(3) 1500 cu. yds. excav. for structures
(4) 109,000 cu. yds. backfill;
(5) 2500 cu. yds. concrete in structures, reinforced;
(6) 300 cu. yds. concrete in structures, plain;
(7) 600 cu. yds. concrete in anchors;
(8) to (11) do not apply here;
(12) 500,000 lbs. placing reinf. steel in structures;
(13) does not apply here;
Furnishing and installing plate steel pipe of the following sizes:
(14) 1052 lin. ft. 9 ft. 8 in., ⅞-in. thickness;
(15) does not apply here;
(16) 2160 lin. ft. 10 ft. 4 in., 13/16-in.;
(17) 1040 lin. ft. 10 ft. 4in., 27/32-in.;
(18) 777 lin. ft. 10 ft. 4 in., ⅞-in.;
(19) 1840 lin. ft. 10 ft. 4 in., 29/32-in.;
(20) 1710 lin. ft. 10 ft. 4 in., 15/16-in.;
(21) 3710 lin. ft. 10 ft. 4 in., 31/32-in.;
(22) to (26) do not apply here;
(27) 130 lin. ft. 10 ft. 6 in., 11/16-in.;
(28) 2240 lin. ft. 10 ft. 6 in., 23/32-in.;
(29) 1142 lin. ft. 10 ft. 6in., ¾-in.;
(30) 1027 lin. ft. 10 ft. 6 in., 25/32-in.;
(31) 334 lin. ft. 10 ft. 6 in., 13/16-in.;
(32) does not apply here;
(33) 80 lin. ft. 10 ft. 6 in., ⅞-in.;
(34) 1510 lin. ft. 10 ft. 6 in., 29/32-in.;
(35) 1365 lin. ft. 10 ft. 6 in. 15/16-in.;
(36) 130 lin ftfl. 10 ft. 8 in., 17/32-in.;
(37) 150 lin. ft. 10 ft. 8 in., 9/16-in.;
(38) 390 lin. ft. 10 ft. 8 in., 19/32-in.;
(39) 740 lin. ft. 10 ft. 8 in., ⅝-in.;
(40) 780 lin. ft. 10 ft. 8 in., 21/32-in.;
(41) 760 lin. ft. 10 ft. 8 in., 11/16-in.;
(42) does not apply here;
(43) 1260 lin. ft. 10 ft. 8 in., 25/32-in.;
(44) 1120 lin. ft. 10 ft. 8 in., 13/16-in.;
(45) 420 lin. ft. 10 ft. 8 in., 27/32-in.;
(46 2150 lin. ft. 10 ft. 8 in., ⅞-in.;
(47) 3276 lin. ft. 10 ft. 8 in., 29/32-in.;
(48) 210 lin. ft. 10 ft. 8 in., 15/16-in.;
(49) 200 lin. ft. 10 ft. 8 in., 31/32-in.;
(50 does not apply here;
(51) 180 lin. ft. 10 ft. 10 in., 13/16-in.;
(52) 550 lin. ft. 10 ft. 10 in., 27/32-in.;
(53) 560 lin. ft. 10 ft. 10 in., ⅞-in.;
(54) 620 lin. ft. 11 ft. 0 in., 17/32-in.;
(55) 1105 lin. ft. 11 ft. 0 in., ⅝-in.;
(56) 60 lin. ft. 11 ft. 0 in., 23/32-in.;
(57) 480 lin. ft. 11 ft. 0 in., ¾-in.;
(58) 290 lin. ft. 11 ft. 0 in., 25/32-in.;
(59) 818 lin. ft. 11 ft. 0 in., 13/16-in.;
(60) 1795 lin. ft. 11 ft. 0 in., 27/32-in.;
(61) 2260 lin. ft. 11 ft. 0 in.,⅞-in.;
(62) does not apply here;
(63) 450 lin. ft. 11 ft. 2 in., 11/16-in.;
(64) 2620 lin. ft. 11 ft. 2 in., 23/32-in.;
(65) 440 lin. ft. 11 ft. 2 in., ¾-in.;
(66) 930 lin. ft. 11 ft. 2 in., 25/32-ii.;
(67) 790 lin. ft. 11 ft. 2 in., 13/16-in.;
(68) does not apply here;
(69) 80 lin. ft. 11 ft. 4 in., ⅝-in.;
(70) 350 lin. ft. 11 ft. 4 in., 21/32-in.;
(71) 1020 lin. ft. 11 ft. 4 in., 11/16-in.;
(72) 540 lin. ft. 11 ft. 4 in., 23/32-in.;
(73) 760 lin. ft. 11 ft. 4 in., ¾-in.;
(74) 1120 lin. ft. 11 ft. 6 in., 9/16-in.;
(75) 480 lin. ft. 11 ft. 6 nn., 19/32-in.;
(76) 630 lin. ft. 11 ft. 6 in., ⅝-in.;
(77) 960 lin. ft. 11 ft. 6 in., 21/32-in.;
(78) 465 lin. ft. 11 ft. 6 in., 11/16-in.;
(79) 1640 lin. ft. 12 ft. 0 in., 19/32-in.;
(80) 300 lin. ft. 12 ft. 0 in., 11/16-in.;
(81) 1,553,000 sq. ft. pipe coating, type A;
(82) 294,000 sq. ft. pipe coating, type B;
(83) does not apply here;
(84) 30,000 lbs. furnish and install manhole saddles and covers;
(85) 3000 lbs. furnish and install saddles for blow-offs and air valves;
(86) 55,000 lbs. furnishing and installing structural steel in walkway and blow-off frame work;
(87) 25 furnishing and installing pipe supports;
(88) 1 furnishing and installing expansion joint;
(89) 200,000 lbs. installing miscellaneous metal;
(90) 950 lin. ft. installing concrete pipe, 24-in. diameter;
(91) does not apply here;
(92) 100 lin. ft. installing concrete pipe, 12-in. diameter;
(93) 200 lin. ft. installing concrete pipe, 8-in. diameter.

SCHEDULE 2-B

Schedule of prices for the construction of the Santa Ana River bridge and piers for the Upper Feeder of the Colorado River Aqueduct Distribution System.

Note: A bid under Schedule 2-B will not be considered unless the bidder also submits a proposal under Schedules 2-K and/or 2-S.

(94) 8500 cu. yds. excav. for piers;
(95) 3500 cu. yds. backfill for piers;
(96) 2000 cu. yds. concrete in piers above the footings;
(97) 3600 cu. yds. concrete in pier footings;
(98) 35,000 lbs. placing reinf. steel in piers;
(99) 15,000 lbs. furnishing and placing anchor bolts and base plates for piers;
(100) 17,000 lbs. furnishing and placing steel castings for bridge pedestals;
(101) 600 lbs. furnishing and placing bronze pins;
(102) lump sum, furnishing and erecting structural steel in bridge.

SCHEDULE 3-P

Schedule of prices for the construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 707 plus 00 and 926 plus 00. Pipe diameter 11 feet 8 in.; length 20,124 feet.

Note: Schedules 3-P and 3-S are alternative and both will not be awarded .

(1) 12,000 cu. yds. excav. for pipe—vertical trench;
(2) 275,000 cu. yds. excav. for pipe—side slope trench;
(3) 200 cu. yds. excav. for structures
(4) 180,000 cu. yds. backfill;
(5) 500 cu. yds. concrete in structures—reinforced;
(6) 100 cu. yds. concrete in structures—plain;
(7) 100 cu. yds. concrete in anchors;
(8) 7500 cu. yds. concrete in cradle;
(9) 1345 lin. ft. precast concrete pipe cage reinforcement—lock joint;
(10) 800 lin. ft. precast concrete pipe cage reinforcement—mortar joint
(11) 17,995 lin. ft. precast concrete pipe — cylinder reinforcement—lock joint;
(12) 120,000 lbs. placing reinforcement steel in structures;
(13) 10,200,000 lbs. furnishing and placing reinforcement steel in precast pipe;
(14) to (82) do not apply here;
(83) 6000 lbs. furnishing and installing thimbles for connections to precast pipe;
(84) to (88) do not apply here;
(89) 40,000 lbs. install miscellaneous metal;
(90) does not apply here;
(91) 100 lin ft. install concrete pipe—18-in. diam.;
(92) 100 lin. ft. install concrete pipe—12-in. diam.;
(93) 100 lin. ft. install concrete pipe—8-in. diam.;

SCHEDULE 3-S

Schedule of prices for the construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 707 plus 00 and 926 plus 00. Pipe diameter 12 feet 0 inches; length 20,124 feet.

Note: Schedules 3-S and 3-P are alternative and both will not be awarded.
(1) 11,000 cu. yds. excav. for pipe—vertical trench;
(2) 225,000 cu. yds. excav. for pipe—side slope trench;
(3) 400 cu. yds. excav. for structures
(4) 155,000 cu. yds. backfill;
(5) 700 cu. yds. concrete in structures—reinf.;
(6) 100 cu. yds. concrete in structures—plain;
(7) 100 cu. yds. concrete in anchors;
(8) to (11) do not apply here;
(12) 125,000 lbs. placing reinf. steel in structures;
(13) to (78) do not apply here;
Furnishing and installing plate steel pipe of the following sizes:
(79) 17,750 lin. ft. 12 ft. 0 in. diam; 19/32-in. thickness;
(80) 2390 lin. ft. 12 ft. 0 in. diam.; 11/16-in. thickness;
(81) 760,000 sq. ft. pipe coating—type A;
(82) and (83) do not apply here;
(84) 6000 lbs. furnish and install manhole saddles and covers;
(85) 1000 lbs. furnish and install saddles for blow-off and air valves
(86) to (88) do not apply here;
(83) 45,000 lbs. install miscellaneous metal;
(90) does not apply here;
(91) 100 lin. ft. install concrete pipe—18-in. diam.;
(92) 100 lin. ft. install concrete pipe—12-in. diam.;
(93) 700 lin. ft. install concrete pipe—8-in. diam.

Plans and specifications obtainable at Room 1007, 306 W. Third St., Los Angeles, upon payment of $5 per set, not returnable.

F. E. Weymouth, General Manager and Chief Engineer.

BIDS WANTED

SAN DIEGO, Cal. — Until January 28, 10 A. M., bids will be received by the City Council for constructing the El Capitan-Lakeside pipe line, bet. El Capitan Dam and the existing Lakeside - University Heights line. The proposed line will consist of 4 miles of 48-in. pipe and 2 miles of 36-in pipe. Bids will be taken on alternative proposals as follows:

Proposal A — Electrically welded steel pipe.

Proposal B — Concrete protected steel cylinder pipe (electrically welded).

Funds for the project have been provided as follows: PWA grant of $129,000, and balance of $301,000 by the city from reserve and unexpended bond funds.

Plans and specifications have been approved by PWA engineers and will be available at the office of the hydraulic engineer, Fred D. Pyle, 524 F St., San Diego, upon deposit of $25 which will be returned to the bidder upon the return of the drawings and specifications within 14 days after the bids are opened.

Please note that the date previously announced was January 21. Upon the suggestion of the engineer the council extended the time one week to Jan. 28 as noted above.

BIDS WANTED

LA MESA, San Diego Co., Calif.—Until January 28, 10 A. M., bids will be received by the La Mesa, Lemon Grove and Spring Valley Irrigation District, 4769 Spring St., La Mesa, for the construction of a portion of the El Capitan-Lakeside Pipeline for the La Mesa, Lemon Grove, and Spring Valley Irrigation District, said work being located between the tunnel plug at El Capitan Dam and a point approximately 10,400 l.f. westerly therefrom. The El Capitan Dam is located on the San Diego River approximately eight miles easterly of the town of Lakeside.

The proposed pipeline will be a 48-in. steel line and will be financed by a PWA grant of $39,000 and funds provided by the sale of $89,000 in District bonds voted in 1934.

Plans and specifications obtainable from the above office. C. S. Harritt, General Manager and Chief Engineer. F. R. Beatty, President; Ruth C. Drew Secretary. Certified check for 10% must accompany each bid.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

YAKIMA, Wash.—Until Jan. 13 2 P. M., bids will be received by the City of Yakima, Pearl Benjamin, city clerk for furnishing mechanical equipment for a sewage treatment plant, including:
(1) 1 mechanically cleaned bar screen;
(2) 4 primary sedimentation basin units;
(3) 1 mechanical grit removal unit;
(4) 2 sludge pumps;
(5) digester mechanisms;
(6) 1 gas holder of 10,000 c.f. capacity.

Plans and specifications obtainable from the city engineer and from Stevens & Koon, consulting engineers, 1202 Spalding Bldg., Portland, upon deposit of $5.00.

NEW BIDS WANTED

SANTA ANA, Orange Co., Cal.—Until January 14, 9:30 A. M., (to be opened at 10:30 A. M.) new bids will be rceived by the Orange County Flood Control District, at the office of the County Board of Supervisors, Court House, Santa Ana, for construction of a storm drain located at La Veta Ave., near Orange. M. N. Thompson, County Flood Control Engineer.

The contract previously awarded to Macco Constr. Co. on December 3, at $23,000, has been rescinded.

The work involves 6000 lin. ft. of arch covered trapezoidal section, 4 ft. deep, 4 ft. bottom width.

The approximate quantities are:
132 cu. yds. reinf. concrete;
8,220 lbs. reinf. steel;
60 lin. ft. 30-in. plain conc. pipe;
44 lin. ft. 24-in. do;
120 lin. ft. 10-in. do;
120 lin. ft. 18-in. do;
72 lin. ft. 24-in. corr metal pipe;
108 lin. ft. 15-in. do;
12,630 cu.. yds. structural excav.;
115,587 sq. ft. gunite 2-in. average thickness;
2 only manhole frames and gratings.

This is a Pwa and county flood control project. Certified or cashier's check, or bid bond, 5%.

BIDS WANTED

FRESNO, Cal.—Until January 9, 11 A. M., bids will be received by Fresno City Commision, H. S. Foster, City Clerk, for furnishing clay sewer pipe as follows:
(1) 2196 lin. ft. 10-inch;
(2) 30 lin. ft. 8-inch;
(3) 284 lin. ft. 6-inch.

Specifications on file with city clerk

33— WATER WORKS

BIDS WANTED

FRESNO COUNTY, Cal.—Until Jan. 17, 10 A. M., blds will be received by the Fresno County Board of Supervisors, E. Dusenberry, county clerk, Court House, Fresno, for the construction of a waterworks system for the Fresno County Waterworks District No. 2.

Plans and specifications obtainable from the above office.

LA MESA, San Diego Co., Cal.—Until January 14, 7 P. M., bids will be received by the La Mesa, Lemon Grove and Spring Valley Irrigation District, 4769 Spring St., La Mesa, for furnishing and delivering at the district yard, La Mesa, galvanized pipe as follows:

6000 ft. ¾-in. pipe;
3000 ft. 1-in. pipe;
3000 ft. 1½-in. pipe
4000 ft. 2-in. pipe;
2000 ft. 2½-in. pipe.

Said pipe to be standard stock pipe, equipped with threads and couplings and of standard weight. Delivery to be within 60 days of award of contract.

BID OPENING POSTPONED

MARE ISLAND, Cal.—Until Feb. 5 (date postponed from January 2, 11 A. M., previously reported) bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for two water treatment systems, a continuous blow-down system and chemical feeding system at the Navy Yard (Hospital) Mare Island. Est. cost $7500; Spec. No. 8092.

Plans and specifications may be obtained from above office and from the Commandant, Navy Yard, Mare Island, upon deposit of $10.00.

BIDS WANTED

FRESNO, Cal.Until January 9, 11 A. M., bids will be received by Fresno City Commission, H. S. Foster, City Clerk, for furnishing cast iron pipe as follows:
(1) 875 lin. ft. 4-inch;
(2) 1400 lin. ft. 6-inch.

Specifications on file with city clerk

AWARD PROTESTED

DOS PALOS, Merced Co., Cal.—Suit has been filed in San Francisco superior court for a writ of prohibition against award of a contract by the city of Dos Palos to P. L. Burr, 320 Market St., San Francisco, for constructing a municipal water supply and distribution system. A temporary restraining order has been granted pending a hearing January 7.

Plaintiffs are the Oakland Sewer Construction Co,. second low bidder, and the Associated General Contractors, Northern California Chapter. It is alleged that the city has proceeded illegally in accepting the low bid, which was not accompanied by a certified check. The council waived the commission as an irregularity not sufficient to disqualify the proposal. The plaintiffs also have filed a protest with PWA and the blds have been referred to Washington for a ruling.

Burr's bid was $58,620 and the Oakland Sewer Constr. Co. bid, $62,588.

34 — PARKS AND PLAYGROUNDS

BIDS WANTED

SANTA CLARA, Santa Clara Co., Cal.—Until January 14, 2 P. M., bids will be received by Postmaster Jessie R. South, for seeding and planting the grounds at Santa Clara Post Office.

Plans and specifications obtainable from the above office.
(8608)

BIDS WANTED

COMPTON, Los Angeles Co., Cal.—Until February 1, blds will be received by the Custodian, U. S. Post Office, Compton, for seeding and planting grounds at the Post Office.

Specifications obtainable from the above office.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CANAL ZONE

PANAMA CANAL ZONE.—Until January 8, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3113, for furnishing miscellaneous supplies and equipment, including:

Fencing material, steel, steel billets, boiler tubes, drill casing, welded steel pipe, cast-iron pipe, clay pipe, pipe fittings (iron, brass and bronze) railing fittings, unions, metal valves, bath tubs, cocks, lavatories, water - closet bowls, kitchen sinks, sink traps, brass cleanouts, coil chains, monotype metal and calcium chloride.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Jan. 6, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-123, for furnishing two fuel oil pumps, horizontal duplex piston pattern.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

LOS ANGELES, Cal.—Until Jan. 8, 3 P. M., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., for furnishing motor and natural gas engine driven water pumps f.o.b. cars at the contractor's plant for the Long Beach northeast drainage system project No. 67 pump stations. Cir. Prop. No. 317. The items are one electric motor driven water pump with a capacity of 50 c.f.s. one electric motor driven water pump with a capacity of 2 c.f.s., and two natural gas engine driven water pumps with a capacity of 50 c.f.s. each, complete with all necessary starting and control equipment. The proposed pumping plants are for the purpose of pumping storm waters from a reservoir in the city of Long Beach through a 48-in. concrete pipe conduit, 11,000 ft. in length, to Cerritos Slough and through a levee into the Los Angeles River. Bid bond for 10% must accompany each bid.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

MACHINE, motor-driven pipe & tube bending and coiling, and rolls; Mare Island. Sch. 6826; Jan. 7.

SHAFTS, 12 rough machined Class A steel; Mare Island. Sch. 6871; Jan. 7.

ZINC OXIDE, 380,000 lbs. dry; Mare Island. Sch. 6852; Jan. 10.

BEARINGS, ball; Mare Island. Sch 6836; Jan. 10.

LINOLEATE, 30,000 lbs. manganese; Mare Island. Sch. 6853; Jan. 10.

ESTER, 50,000 lbs. gum; Mare Island; Sch. 6857; Jan. 10.

APPLIANCES, 12 sets control, and spares; Mare Island. Sch. 6837; Jan. 10.

PIGMENT, 450,000 lbs. dry titanium; Mare Island. Sch. 6854; Jan. 10.

HOSE, 200 flexible discharge; Mare Island. Sch. 6772; Jan. 10.

HEATERS, 75 electric, air and spares Mare Island. Sch. 5871; Jan. 14.

Information obtainable from above office and from Headquarters, 12th Naval Dist., 100 Harrison St., San Francisco.

BREMERTON, Wash.—Until Jan. 8, 10 A. M., bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, under Req. No. 342 NSA, for furnishing:

(1) 50,000 ft.BM. Douglas fir or Sitka spruce lumber, rough;

(2) 30,000 ft.B.M. Douglas fir lumber;

(3) 100,000 ft.B.M. Douglas fir lumber, shiplap.

Specifications obtainable from above office.

Lumber is for shipment to the Navy Yard, Pearl Harbor, T. H.

SAN DIEGO CITY

SAN DIEGO, Cal.—Until January 7, 11 A. M., bids will be received by the San Diego City Purchasing Agent, 524 F St., San Diego, for furnishing the City of San Diego 15 sets 54-in. reinforced concrete pipe forms and services of one experienced superintendent to direct the manufacture of 808 lin. ft. 54-in. reinforced concrete pipe in accordance with specifications and notice to bidders on file in the office of the city clerk, Document No. 295793. Certified check, 5%. J. H. Shaw, acting assistant purchasing agent.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until January 8, 8 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L.S. 163, for furnishing 50,000 lin. ft. of ¾-in. seamless copper tubing.

Specifications obtainable from the above office.

WAR DEPARTMENT

BENTON FIELD, Alameda Co., Cal. —Until January 10, 10 A. M., bids will be received by Captain Leander Larson, Constructing Quartermaster, Ft. Mason, under Bid No. W-6616-36-25, for processing 52,000 gals. of Government - furnished emulsified asphalt, rendering it suitable for mixing with fine mineral aggregate and in stabilization work on landing field at Benton Field Air Depot, Alameda.

Specifications obtainable from above office.

RECLAMATION SERVICE

CASPER, Wyo.—Until January 20, 2 P. M., bids will be received by U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colo., for furnishing and delivering f.o.b. cars at Casper, one 69,000-volt, 3-phase, 60-cycle, 600-ampere, oil circuit breaker, and six 69,000-volt, 400-ampere, single pole, single-throw, outdoor type disconnecting switches for the Casper-Alcova Project. All apparatus will be installed by the Government; Specification No. 757-D.

No charge for specifications to prospective bona fide bidders; to others, $0.25, not returnable.

SANTA CLARA COUNTY

SAN JOSE, Santa Clara Co., Cal.—Until January 6, 8 P. M., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for furnishing natural rock asphalt (Calrock or equal) fob San Jose for the balance of the fiscal year ending November 30, 1936.

Specifications obtainable at the office of City Engineer W. L. Popp.

SAN JOSE, Santa Clara Co., Cal.—Until January 6, 8 P. M., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for furnishing asphalt concrete paving material for the balance of the fiscal year ending Nov. 30, 1936.

Specifications obtainable at the office of City Engineer W. L. Popp.

SONOMA COUNTY

SANTA ROSA, Sonoma Co., Calif.—Until January 6, 8 P. M., bids will be received by the Board of Education of the Santa Rosa High School District, Sara J. Pryor, Secretary, 756 Humobldt St., Santa Rosa, for furnishing a 25 to 35 capacity school bus, Ford or equal.

Specifications obtainable from above office.

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IN THIS ISSUE

Coast Building 91 Per Cent Over 1934

State Advertises $800,000 Highway Work

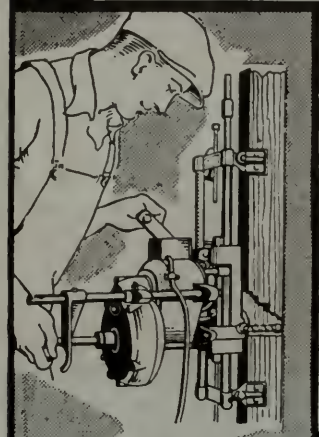
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

January 11, 1936

Vol. XIX—No. 54

WAPPAT Electric TOOLS



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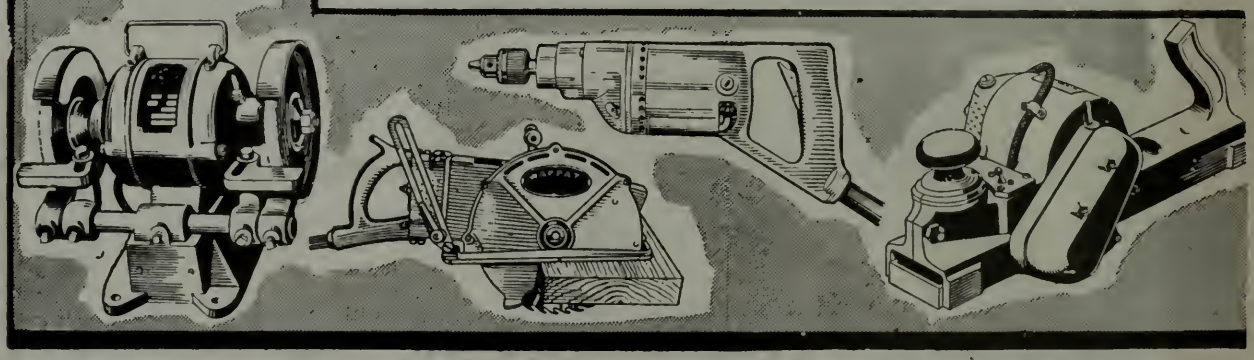

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Vol. XIX SAN FRANCISCO, CALIF., JANUARY 11, 1936 No. 2

FIRST CONTRACT ON VALLEY WORK TO BE ADVERTISED

Reclamation Service Expects To Issue Bid Call Next Week

First advertisement for bids on a construction contract in the Central Valley Water Project are expected next week, it was reported yesterday in Sacramento. The bid call will be issued from the Denver office of the U. S. Bureau of Reclamation.

Financing for initial work on railroad and highway relocation at the Kennett reservoir site, the Contra Costa conduit and canal, Friant Dam, Madera Canal and Friant-Kern Canal is provided in $15,000,000 from the Federal Emergency Relief appropriation. President Roosevelt has recommended that $18,000,000 more be appropriated to continue the work through the 1937 fiscal year.

Walker R. Young, construction engineer, said first work to be contracted would be the track and highway relocation and Friant Dam construction.

R. M. Schnell has been assigned as resident engineer at Redding for the Kennett unit. Oscar Boden, recently transferred from Owyhee to the Central Valley Project, has been appointed resident engineer for the Contra Costa canal section.

A new call for bids for test borings at the site of the Pitt River bridge has been issued by the State Division of Highways to be received in Sacramento January 24. Bids were taken previously but were rejected.

CONSULTANT APPOINTED

Architect W. C. Ambrose has been appointed consultant for all PWA building projects on the program of the Berkeley Board of Education. Mr. Ambrose has offices at 244 Kearny St., San Francisco.

BUILDING PERMIT MONTHLY TOTALS

Building permit totals reported by inspection departments of principal cities in seven western states:

1934

	Permits	Value
January	5447	$4,434,236
February	5122	5,442,120
March	5490	6,732,727
April	5729	5,068,765
May	5481	5,775,565
June	5691	5,203,830
July	5623	5,130,440
August	6734	5,307,474
September	7490	5,454,163
October	9173	8,607,019
November	6891	5,681,180
December	5913	5,709,858
Total	74,784	$68,547,377

1935

	Permits	Value
January	6,443	$7,459,402
February	6,489	8,860,441
March	8,260	10,566,775
April	8,253	13,155,506
May	9,038	11,758,298
June	8,021	10,411,570
July	8,353	11,443,410
August	8,916	11,405,420
September	10,193	10,037,286
October	11,716	11,706,511
November	9,180	11,085,495
December	7,570	12,663,221
Total	102,432	$130,553,335

Structural Steel Awards Increase During November

Contracts for fabricated structural steel let during November were slightly in excess of the average monthly tonnage contracted for during the eleven months of this year, according to reports received by the American Institute of Steel Construction. On the other hand, the total tonnage produced and the total tonnage shipped during this month recorded a slight decline from the monthly average. This is seasonally expected. The industry as a whole operated at 33.4 per cent of normal during November, the average monthly rate was 37.5 per cent.

12-MONTH TOTAL REVEALS GAINS IN 7 STATES

Year Marked Return Of Capital To Residence Financing

At the end of 1935 the building industry in the western states was making rapid strides back toward a normal volume.

During the year building permits issued by principal city and county inspection departments in seven states totaled $130,553,335, an increase of 91 percent over the total of 1934.

Starting well ahead of corresponding months in the previous year that marked the industry's near all-time low, the volume of building awards increased steadily and an unexpected spurt in December put the last month of the year almost at the peak. December awards were sufficient to place the last quarter of year ahead of previous three-month period totals.

Recovery in the residential field was the notable feature of the year. Reports indicate a larger investment in single-family dwellings last year than in any year since 1931. Alterations and repairs accounted for about the same expenditure as in 1934, consequently forming a much smaller proportion of the total. Commercial and industrial building showed some increase, but still remains a relatively small factor.

The recovery was general, although exceptional gains were made in some localities. Los Angeles permits jumped from $14,500,000 in 1934 to more than $32,000,000. Long Beach, Oakland and Fresno, among the ten cities leading in volume this year, reported permits more than double a year ago.

TWO ELECTED BY S. F. EXCHANGE

Election of two new members is announced by the San Francisco Builders' Exchange. They are: Chas. F. Schuetz, general contractor, 565 Bellevue Ave., and General Seating Company, 160 Second St.

State Advertises Five Highway Contracts; Work To Cost $800,000

(SPECIAL TO DAILY PACIFIC BUILDER)

SACRAMENTO, Jan. 7.—Five contracts for construction to cost approximately $800,000 were released for advertising today by the State Division of Highways. Bids will be opened in Sacramento January 29 and in Los Angeles January 30.

Two of the projects are being readvertised, bids previously received having been rejected. Both are from the Federal emergency program. One is located in Mendocino County, between Longvale and Dos Rios, a section of 14.5 miles to be graded. Low bidder on the previous opening was Hemstreet and Bell, Marysville, at $322,940. The other is in San Diego County on the Palomar Mountain Road, between Iron Spring Creek and the Observatory site, a section of 3.3 miles to be graded. Daley Corp., San Diego, was previous low bidder at $329,-813.

Three other contracts are from the regular program, financed with state gasoline tax and Federal aid funds.

The largest of these is for grading and surfacing 7.3 miles in Inyo County, between Big Pine and Keough Hot Springs. The state has programmed $150,000 for the project. Bids are to be opened in Sacramento, January 29.

Bids will be taken in Los Angeles, January 30, for grading and paving with asphalt concrete six-tenths of a mile through Sunland, Los Angeles County, and for 3.7 miles widening and surfacing between Traffic Circle and Los Angeles Street.

RICHARD NEUTRA ON UCLA SUMMER STAFF

Announcement that Richard J. Neutra, internationally known architect, has been appointed a member of the summer session staff of the University of California at Los Angeles has just been made by Dr. J. Harold Williams, dean of the session.

Neutra, a graduate in architecture and engineering from the University of Vienna, is known as a leading exponent of modern architecture and is the author of numerous authoriative volumes in the field, including "How America Builds," "New Building in the World," and "House and Home," written in collaboration with Dr. Greta Gray of the U. C. L. A. faculty. His academic teaching background includes memberships on the faculties of Columbia University and the University of Michigan.

The U. C. L. A. summer session opens June 27 and closes Aug. 7.

Production of malleable castings during the first eleven months of 1935 amounted to 420,797 net tons, as compared with 336,712 net tons during the same period in 1934, the Bureau of the Census reports.

$345,000 PWA HOSPITAL JOBS OUT FOR BIDS

Proposal Dates Set For Sonoma And Tehama Buildings

Bids for construction of two county hospitals, costs of which will total $345,000, are scheduled for opening next week. They are the $245,000 Sonoma County Hospital at Santa Rosa and the $100,-000 Tehama County Hospital at Red Bluff. Both are PWA projects.

New bids for construction of the Sonoma hospital will be opened January 16 by the supervisors. Bids received previously were rejected as exceeding the funds available. At that time the low proposal was submitted by John Hachman, Stockton, at $296.400.

The hospital will be a two-story steel building with stucco exterior and will have a capacity of 200 beds, according to plans prepared by Architect John I. Easterly of Santa Rosa and County Engineer Ed A. Peugh.

The Tehama County Hospital, for which bids will be opened January 15, will be located in Red Bluff. It will be a one- and two-story building with concrete exterior walls, wood floors, wood roof with composition covering, and a steam heating plant. Plans are by Architect W. E. Coffman of Sacramento.

SEATTLE ARCHITECT CAPITOL PLAN ADVISOR

Architect Carl Freylinghuysen Gould of Seattle will advise the Oregon state capitol reconstruction commission in conducting a national competition to obtain a design for the projected $2,500,000 building. Members of the commission appointed Mr. Gould architectural advisor after communicating with several nationally-known architects whose names had been suggested.

The commission proposes to open a competition to all architects for plans for the new building, which will replace the capitol destroyed by fire a year ago. Mr. Gould will commence immediately to prepare rules and general requirements to govern the contest.

MARINA SEWAGE PUMPING PLANT BIDS JAN. 22

Feeder Mains, Central Pumps Reservoir Contracts Advertised

Bids for construction of the first unit of the $1,250,000 Richmond-Sunset sewage disposal system, the Marina pumping station, will be opened by the San Francisco Department of Public Works January 22, it was announced last week. Cost of the pumping plant is estimated by City Engineer John J. Casey at approximately $120,000.

The station, which will be located in the Marina Parkway opposite Casa Way, will be an underground reinforced concrete pumping plant having an inside diameter of fifty feet.

Bids are being taken on three propositions: for construction of the pumping plant, a diversion structure and necessary alterations to the existing Pierce street sewer; for mechanical work, which includes furnishing and installing pumps, valves, a viaduct tube, recording apparatus and miscellaneous equipment; and for the work complete, including structural and mechanical work.

The Richmond-Sunset sewage disposal program, which will include in addition to the Marina pumping station, a disposal plant in Golden Gate Park and a tunnel from Lake street to the park, will be financed from bonds voted in 1933 and funds granted by the Federal Public Works Administration.

Two projects in the Public Utilities Commission's old PWA program were advertised for bids last week. They are the central pumps-reservoir, for which bids will be opened January 21, and laying steel feeder mains in Bacon and other streets, which bids will be opened January 15.

The reservoir will be located at Sloat Blvd. and Twenty-third Ave. It will be a covered reservoir with a concrete roof and lining, valve house and inlet and outlet structures.

Steel feeder mains are to be laid in Bacon, Phelps, Williams, Third and Thornton streets. Work includes fabricating and installing about 1500 feet of 20-inch and 13,-900 feet of 24-inch steel pipe..

WRIGHT ANNOUNCES COMPRESSOR LINE

A complete line of air compressors to be distributed exclusively through industrial and mill supply accounts is announced by Wright Manufacturing Division of American Chain Company, Inc., York, Pa. The compressor line will include both single and double stake units in the permanent and portable styles, according to the manufacturer, who will mail a complete catalog upon request.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1	Simmons	Barrett	3000
2	Capital	Jenkins	2500
3	Gillette	Stolte	3000
4	Moore	Hardy	3000
5	Horn	Morris	3000
6	Anza	Rousseau	6000
7	O'Neill	Owner	2200
8	Geneva	Lindsay	3750
9	Electrical	Mullen	1500
10	Happy	Birdsall	3300
11	Happy	Birdsall	3300
12	Happy	Birdsall	3300
13	Happy	Birdsall	3300
14	Home	Lindgren	10000
15	Doelger	Owner	4000
16	Doelger	Owner	4000
17	Tiscornia	Owner	3000
18	Pacific	Monson	156464
19	Saia	Rocca	7500
20	Sharboro	Owner	3500
21	New England	Hardy	1500
22	Wallace	Dwan	1700
23	Blasi	Rossi	1500
24	Toppoli	Owner	2500
25	Sharboro	Owner	3500
26	Huckins	Lindgren	92000
27	McDonough	Owner	4000
28	McDonough	Owner	4000
29	Struthers	Owner	3500
30	Struthers	Owner	3500
31	Struthers	Owner	3500
32	Sharboro	Owner	3500
33	Sharboro	Owner	3500
34	Sharboro	Owner	3500
35	Sharboro	Owner	3500
36	Bain	Owner	1000
37	Liebman	Owner	4000
38	Grech	Smith	3000
39	Flood	Martin	9000
40	Franusch	Lindsay	4500
41	Willis	Presco	1500
42	Johnson	Owner	3500
43	Stoneson	Owner	3500
44	Bothin	Siegrist	1600
45	Dolores	Ohlsen	3500
46	Capital	Carty	1000
47	Bothin	Mattock	16000
48	Roman	Coburn	1000

ALTERATIONS
(1) NORTH POINT, BAY & POWELL Sts. Alter shed.
Owner—Simmons Co., Bay and Powell Sts., San Francisco.
Plans by Owner.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $3000

ALTERATIONS
(2) NO. 17 POWELL ST. Alter hotel
Owner—Capital Co., 625 Market St., San Francisco.
Architect—Not Given.
Contractor — R. J. Jenkins, 42 Short St., San Francisco. $2500

STATION
(3) SE EIGHTH AND MISSION Sts. Class C service station.
Owner—Bruce E. Gillette, Premises.
Engineer—R. D. Dalton, 4040 Laurel St., Oakland.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland. $3000

ALTERATIONS
(4) NE CALIFORNIA AND SANsome Sts. Alter offices.
Owner—Walton N. Moore Co., Alaska Commercial Bldg., San Francisco.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina St., San Francisco. $3000

DWELLING
(5) N MT. VERNON ST. 32 W San Jose Ave. One-story and basement frame dwelling.
Owner—Henry Horn, 170 Upland Dr., San Francisco.
Contractor—Morris & Debret, 95 Pinehurst St., San Francisco. $3000

DWELLING
(6) N BAY ST. 87 E Broderick St. Two-story and basement frame dwelling.
Owner—Anza Home Bldg. Co., % Contractor.
Architect—H. C. Baumann, % Contractor.
Contractor—Oliver M. Rousseau, Inc. 321 Kearny St., S. F. $6000

DWELLING
(7) W CARR 100 N Salinas. One-story frame dwelling.
Owner — F. J. O'Neill, 150 Kenwood Way.
Architect—Not Given. $2,200

DWELLING
(8) E VIENNA 70 N Geneva. One-story and basement frame dwelling.
Owner—Geneva Ave. Methodist Episcopal Church, NE Vienna and Geneva Ave.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford. $3,750

ALTERATIONS
(9) 910 HARRISON ST. Alter office and salesroom.
Owner — Electrical Prod. Corp., 950 30th St., Oakland.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $1,500

DWELLING
(10) E THIRTIETH AVE. 50 N Rivera St. One-story and basement frame dwelling.
Owner — Happy Home Bldg. Co., 345 Santiago St., San Francisco.
Architect—Not Given.
Contractor — S. K. Birdsall, 646 57th Ave., San Francisco. $3300

DWELLING
(11) E THIRTIETH AVE. 75 N Rivera St. One-story and basement frame dwelling.
Owner — Happy Home Bldg. Co., 345 Santiago St., San Francisco.
Architect—Not Given.
Contractor — S. K. Birdsall, 646 57th Ave., San Francisco. $3300

DWELLING
(12) E THIRTIETH AVE 100 N Rivera St. One-story and basement frame dwelling.
Owner — Happy Home Bldg. Co., 345 Santiago St., San Francisco.
Architect—Not Given.
Contractor — S. K. Birdsall, 646 57th Ave., San Francisco. $3300

DWELLING
(13) E THIRTIETH AVE. 120 N Rivera St. One-story and basement frame dwelling.
Owner — Happy Home Bldg. Co., 345 Santiago St., San Francisco.
Architect—Not Given.
Contractor — S. K. Birdsall, 646 57th Ave., San Francisco. $3300

ALTERATIONS
(14) NO. 821 MARKET ST. Alter offices.
Owner—Home Owner's Loan Corp. 444 California St., San Francisco.
Architect—Not Given.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St. $10,000

DWELLING
(15) W SIXTEENTH AVE. 55 N Pacheco St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(16) W SIXTEENTH AVE. 223 N Pacheco St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(17) W DELANO 309 S Santa Ynez St. One-story and basement frame dwelling.
Owner—Dominic Tiscornia, 1651 Alemany Blvd., San Francisco.
Architect—Not Given. $3000

EXCHANGE BLDG.
(18) SW OTIS AND McCOPPIN STS. Class A telephone exchange building.
Owner — Pacific Telephone & Telegraph Co., 444 Bush St.
Plans by Owner.
Contractor—Monson Bros., 475 Sixth St., San Francisco. $156,464

FLATS
(19) W JONES ST. 40 N Lombard St. Two-story frame flats.
Owner — John and Rose Saia, 2317 Jones St., San Francisco.
Architect — Richard R. Irvine, 3431 Market St., San Francisco.
Contractor—Frank Rocca, 2935 Franklin St., San Francisco. $7500

DWELLING
(20) S TOLEDO WAY 486 E Pierce St. One-story and basement frame dwelling.
Owner — Sharboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(21) NO. 615 GRANT AVE. Alter store.
Owner—New England Mutual Life Insurance Co., Flatiron Bldg.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina St. $1500

ALTERATIONS
(22) NO. 2214 CLAY ST. Alter dwelling.
Owner—Mrs. S. Wallace, Premises.
Architect—Not Given.
Contractor—Dwan & Co., 126 Post St., San Francisco. $1700

ALTERATIONS
(23) NO. 1947-51 TAYLOR STREET. Alter flats.
Owner—A. Blasi, Premises.
Architect—Luigi Dallorso, 32 Jansen St., San Francisco.
Contractor — Ferdinando Rossi, 1835 Stockton St., S. F. $1500

ALTERATIONS
(24) NO. 566 LOMBARD ST. Alter flats.
Owner—J. Foppoli, 290 Green Street, San Francisco.
Architect—Not Given. $2500

DWELLING
(25) S TOLEDO WAY 399 E Pierce St. One-story and basement frame dwelling.
Owner — Sharboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(26) SE SUTTER & POWELL STS. Alter hotel.
Owner—Huckins Newcomb Hotel Co., Premises.
Architect—Douglas Dacre Stone, 110 Sutter St., San Francisco.
Engineer—Jas. M. Smith, 251 Kearny St., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St. $92,000

DWELLING
(27) W ELEVENTH AVE. 75 N Lawton St. One-story and basement frame dwelling.
Owner—M. M. McDonough, 148 Randall St., San Francisco.
Architect—Not Given. $4000

DWELLING
(28) W ELEVENTH AVE. 50 N Lawton St. One-story and basement frame dwelling.
Owner—M. M. McDonough, 148 Randall St., San Francisco.
Architect—Not Given. $4000

DWELLING
(29) W WESTGATE 40 S Upland St. One-story and basement frame dwelling.
Owner — Marshall T. Struthers, 4250 Mission St., San Francisco.
Architect—Not Given. $3500

DWELLING
(30) SW UPLAND & WESTGATE. One-story and basement frame dwelling.
Owner — Marshall T. Struthers, 4250 Mission St., San Francisco.
Architect—Not Given. $3500

DWELLING
(31) W WESTGATE 80 S Upland Sts. One-story and basement frame dwelling.
Owner — Marshall T. Struthers, 4250 Mission St., San Francisco.
Architect—Not Given. $3500

DWELLING
(32) S TOLEDO WAY 457 E Pierce St. One-story and basement frame dwelling.
Owner — Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $3500

DWELLING
(33) S TOLEDO WAY 398 E Pierce St. One-story and basement frame dwelling.
Owner — Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $3500

DWELLING
(34) S TOLEDO WAY 428 E Pierce St. One-story and basement frame dwelling.
Owner — Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $3500

DWELLING
(35) S TOLEDO WAY 368 E Pierce St. One-story and basement frame dwelling.
Owner — Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(36) NO. 555 BUSH ST. Alter hotel
Owner—Chas. H. Bain, Premises.
Architect—Not Given. $1000

DWELLING
(37) E FILLMORE ST. 75 S North Point St. One-story and basement frame dwelling.
Owner — B. Lieberman, 1555 Francisco St., San Francisco.
Architect—R. R. Levine, % Owner. $4000

FACTORY
(38) W SHOTWELL ST. 125 N 17th St. One-story frame factory.
Owner—Sal Grech, 2126 Folsom St., San Francisco.
Architect—Not Given.
Contractor—Chas. Smith, 3611 Mission St., San Francisco. $3000

ALTERATIONS
(39) SE BRODERICK AND FILBERT Sts. Alter dwelling.
Owner—Dr. Randolph Flood, 593 Post St., San Francisco.
Architect—Albert Farr, 68 Post St., San Francisco.
Contractor—Wm. Martin, 666 Mission St., San Francisco. $9000

DWELLING
(40) N LIBERTY ST. 155 E None St. One-story and basement frame dwelling.
Owner — J. J. Franusich, 252 Theresa St., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco. $4500

ALTERATIONS
(41) NO. 2219 PACIFIC AVE. Alter dwelling.
Owner—F. J Willis, Crocker First National Bank Bldg., S. F.
Architect—Not Given.
Contractor—Oscar Presco & Sons, 250 Langton St., S. F. $1500

DWELLING
(42) E EIGHTEENTH AVE. 250 S Vicente St. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(43) N NIAGARA ST. 37 W Cayuga St. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(44) NO. 37 CLEMENTINA STREET Alter warehouse.
Owner—Bothin Realty Co., 604 Mission St., San Francisco.
Engineer — Norman Green, Sharon Bldg., San Francisco.
Contractor—F. R. Siegrist, 604 Mission St., San Francisco. $1600

DWELLING
(45) SE OTTAWA AND ELLINGTON Sts. One-story and basement frame dwelling.
Owner—Dolores Realty Co., 3090 16th St., San Francisco.
Architect—Not Given.
Contractor—A. H. Ohlsen, 242 Vienna St., San Francisco. $3500

ALTERATIONS
(46) SE POLK AND BROADWAY. Alter stores and hotel.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—John Carty & Son, 666 Mission St., San Francisco. $1000

WAREHOUSE
(47) S HOWARD ST. 208 E Ninth St. being Lot E of 1261 Howard St. One-story concrete warehouse
Owner—Bothin Realty Co., 604 Mission St., San Francisco.
Architect — Angus McSweeney, % Owner.
Engineer—Ellison & Russell, % Owner
Contractor — A. F. Mattock Co., 604 Mission St., S. F. $16,000

REPAIRS
(48) NW TWENTY-THIRD & FAIR Oaks Sts. Repair fire damage to school.
Owner — Roman Catholic Archbishop of San Francisco, 110 Franklin St., San Francisco.
Architect—Not Given.
Contractor — Ira W. Coburn, 2048 Market St., San Francisco. $1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1	Harde	Owner	3400
2	Muther	Owner	5000
3	Stroud	Fariel	4500
4	Whitney	Petersen	2500
5	Schutz	Cone	8800
6	Wallin	Owner	5000
7	Hubbard	Owner	5000
8	Caldera	Gaubert	5600
9	Crocker	Crocker	6000
10	Mattock	Crocker	4500
11	West	Owner	1000
12	Hammarberg	Hammarberg	6000
13	Raggio	Tranmal	1900
14	Sergeant	Stead	5500
15	Whitecotton	Ouloff	1250
16	Flebert	Shapero	6000
17	Kennedy	Waldman	2650
18	Santos	Petersen	1000
19	Robins	Owner	24000
20	Meyers	Anderson	4400
21	McGowan	Owner	1080
22	Wallin	Owner	4000
23	Madison	Millar	5000
24	Scammell	Owner	5000
25	Central	Wheeler	1600

DWELLING
(1) NO. 3251 DAKOTA STREET, **OAKLAND.** One-story five-room dwelling and one-story garage.
Owner — E. M. Harde, 3063 Hopkins St., Oakland.
Architect—Not Given. $3400

DWELLING
(2) NO. 631 BOULEVARD WAY, **OAKLAND.** One-story six-room dwelling.
Owner—G. N. Muther, 5519 Thomas St., Oakland.
Architect—Not Given. $5000

DWELLING
(3) NO. 4930 COCHRANE AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner—J. A. Stroud Jr., 370 17th St., Oakland.
Architect—Not Given.
Contractor—P. C. Fariel, 4621 Fleming St., Oakland. $4500

ALTERATIONS
(4) NO. 4679 EDGEWOOD AVENUE, **OAKLAND.** Alterations and additions.
Owner—M. Whitney.
Architect—Not Given.
Contractor — J. B. Petersen & Son, 4021 Agua Vista St. $2500

ALTERATIONS
(5) NO. 470-76 TWELFTH STREET, **OAKLAND.** Alterations.
Owner—S. W. Schutz Estate Co.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Wilbur C. Cone, 608 16th St., Oakland. $8800

DWELLING
(6) NO. 7523 OUTLOOK AVENUE, **OAKLAND.** Two - story six-room dwelling.
Owner—Folke Wallin, 2150 50th Ave., Oakland.
Architect—Not Given. $5000

DWELLING
(7) NO. 5412 PROCTOR AVENUE, **OAKLAND.** One-story six-room dwelling.
Owner—J. F. Hubbard, 2901 Brookdale Ave., Oakland.
Architect—Not Given. $5000

DWELLING
(8) NO. 2011 NINETY-SIXTH AVE., **OAKLAND.** One-story six-room dwelling.
Owner—M. Caldera, 2001 96th Avenue, Oakland.
Architect—Not Given.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland. $5600

DWELLING
(9) NO. 5117 GOLDEN GATE AVE., **OAKLAND.** Two-story 7-room dwelling.
Owner—Faith Crocker, % Contractor.
Architect—Not Given.
Contractor—H. L. Crocker, 30 Wilding Lane, Oakland. $6000

DWELLING
(10) NO. 4401 HARBOARD DRIVE, **OAKLAND.** Two-story six-room dwelling.
Owner—E. Matlock.
Architect—Not Given.
Contractor — H. L. Crocker Jr., 30 Wilding Lane, Oakland. $4500

ALTERATIONS
(11) NW EIGHTH AND HARRISON Sts., **OAKLAND.** Alterations.
Owner — West Coast Life Insurance Co., 605 Market St., San Francisco
Architect—Sam Heiman, 605 Market St., San Francisco. $1000

RESIDENCE
(12) 11 PARKSIDE DRIVE, **PIEDMONT.** Two-story 6-room frame residence and garage.
Owner—Paul H. Hammarberg, 2530 Hilgard, Piedmont.
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard, Berkeley. $6,000

ALTERATIONS
(13) 480 WILDEWOOD, **PIEDMONT.** Alterations.
Owner—Jack Raggio, 40 Wildewood, Piedmont.
Architect—Not Given.
Contractor—Enoch Tranmal, 483 Crescent St., Oakland. $1900

DWELLING
(14) NO. 827 CRAGMONT AVENUE, **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner—W. F. Sergeant, 1522 Spruce St., Berkeley.
Architect—T. G. Ruegg, 1515 Tyler St., Berkeley.
Contractor — Frank A. Stead, 3206 Boise St., Berkeley. $5500

ALTERATIONS
(15) NO. 2204 SHATTUCK AVE., **BERKELEY.** Alterations.
Owner—Whitecotton Hotel, Prem.
Architect—Not Given.
Contractor—C. A. Ouloff, 748 Grosvenor Place, Oakland. $1250

DWELLING
(16) NO. 941 SPRUCE STREET, **BERKELEY.** Two-story six-room frame dwelling.
Owner — J. A. Flebert, 1710 Portland St., Berkeley.
Architect—J. B. Anthony.
Contractor—S. M. Shapero, 1849 Arch St., Berkeley. $6000

DWELLING
(17) NO. 5758 HARMON AVENUE, **OAKLAND.** One - story three-room dwelling and garage.
Owner—J. L. Kennedy.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $2650

ALTERATIONS
(18) 2259 FOOTHILL BLVD., **OAKLAND.** Alterations.
Owner—Mary Santos, premises.
Architect—Not Given.
Contractor—J. B. Petersen and Son, 4021 Agua Vista Ave., Oakland. $1000

APARTMENTS
(19) 521 38th STREET, **OAKLAND.** Two-story 25-room apartments.
Owner & Builder—Percy Robins, 4123 35th Ave., Oakland.
Architect—Williams and Wastell, 374 17th St., Oakland. $24,000

DWELLING
(20) 3933 OAKMORE ROAD., **OAKLAND.** One-story 6-room dwelling.
Owner—Herman Meyers, 3812 Broadway, Oakland.
Architect — E. R. MacDonald, 3812 Broadway, Oakland.
Contractor—A. F. Anderson, 3524 Harbor View Ave., Oakland. $4400

ALTERATIONS
(21) 2226 EAST 17th ST., **OAKLAND.** Alterations and repairs.
Owner and Builder—Lavinia McGowan, 2222 East 17th St., Oakland.
Architect—Not Given. $1080

DWELLING
(22) N. 2956 SEVENTY-FIFTH AVE. **OAKLAND.** One and one - half-story 5-room dwelling.
Owner—Folke Wallin, 2150 50th Ave., Oakland.
Architect—Not Given. $4000

DWELLING
(23) NO. 15 AGNES STREET, **OAKLAND.** Two-story six-room dwlg.
Owner—W. W. Madison, 1880 San Antonio St., Berkeley.
Architect—Not Given.
Contractor—Millar White Constr. Co., 1880 San Antonio St., Berkeley. $5000

DWELLING
(24) NO. 3701 ELSTON AVENUE, **OAKLAND.** One-story six-room dwelling.
Owner—J. W. Scammell, 425 Scenic Ave., Piedmont.
Architect—Not Given. $5000

ALTERATIONS
(25) NO. 1439-1441 HARRISON ST., **OAKLAND.** Alterations.
Owner—Central Bank, 14th & Broadway, Oakland.
Architect—Not Given.
Contractor—W. S. Wheeler, 4001 Elston Ave., Oakland. $1600

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1	Saia	Rocca	9850
2	Ringressy	Messenger	4265

FLATS
(1) W JONES ST. 40-9 N Lombard St. All work for two-story and basment frame and stucco flats.
Owner — John and Rose Saia, 1566 Underwood Ave., San Francisco.
Architect — Richard R. Irvine, 3431 Market St., San Francisco.
Contractor—Frank Rocca, 3555 Pierce St., San Francisco.
Filed Jan. 2, '36. Dated Dec. 27, '35.
Roof on $2462.50
Brown coated 2462.50
When completed 2462.50
Usual 35 days..... 2462.50
TOTAL COST, $9850.00
Bond, $9850. Sureties, Pasquale Serao and A. Ramozatti. Limit, April 15, 1936. Forfeit, none. Plans and specifications filed.

DWELLING
(2) W TENTH AVE. 150 S from N line Lot 1 Blk 2124-A, Golden Gate Heights. All work for one-story and basement frame dwelling.
Owner—Grace E. Ringressy.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—J. Messenger, Berkeley.
Filed Jan. 8, '36. Dated Nov. 16, '35.
Framing including roof sheathing completed $1066.25
Brown coat plaster on..... 1066.25
Completed and accepted..... 1066.25
Usual 35 days..... 1066.25
TOTAL COST, $4265.00
Bond, $2132.50. Surety, Maryland Casualty Co. Limit, 80 working days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1	Schutz	Cone	8842
2	Central	Wheeler	1657

ALTERATIONS
(1) NO. 470-476 TWELFTH STREET, Oakland. All work for alterations and additions.
Owner—S. W. Schutz Estate Co.
Architect—Edw. T. Foulkes, 357 12th St., Oakland.
Contractor—Wilbur C. Cone, 608 16th St., Oakland.
Filed Jan. 2, '36. Dated Dec. 31, '35.
On or before 6th of each month labor and materials 75%
When completed 75%
Usual 35 days..... 25%
TOTAL COST, $8842
Bond, $8842. Surety, Massachusetts Bonding & Insurance Co. Limit, 45 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2) NO. 1439-1441 HARRISON ST., Oakland. All work for alterations.
Owner—Central Bank, 14th & Broadway, Oakland.
Architect—Not Given.
Contractor—Wm. J. Wheeler, 4001 Elston Ave., Oakland.
Filed Jan. 6, '36. Dated Jan. 4, '36.
Usual 35 days.....payment in full
TOTAL COST, $1657
Bond, $1700. Surety, The Fidelity & Casualty Co. of New York. Limit, 26 days. Forfeit, none. Plans and specifications filed.

ALAMEDA COUNTY UNDER $1000

ALTER apartments, $300; 330 Arguello Blvd.; owner, G. C. Cline, 970 Palo Alto St.
ALTER dwelling, $137; 2249 Bryant St.; owner, Claude Hennings, 2249 Bryant St.; contractor, John Carlson, 2239 Bryant St.
ALTER flats, $800; 414-416 Utah St.; owner, John Riser, Premises.
ALTER store, $200; 333 Third Street; owner, United Bldg. Constr. Co., 321 Bush St.
ALTER store, $425; 2937 San Jose Ave.; owner, N. Aluise, Prem.
FLUES, $125; 2980 Vallejo St.; owner, Martin Stelling, Jr., % Contractor; contractor, John J. Delucchi, 1526 Powell St.
FLUES, $150; 195 32nd Ave.; owner, Mrs. Barbara Burke. Premises; contractor, John J. Deluucchi, 1526 Powell St.
ALTER flats, $50; 140-142 Bevledere St.; owner, Angelo and Dorothea Dell'Era. Premises.
ALTER flats, $300; 2933-35 16th St.; owner, Maria Peyret, Premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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5.—Flats
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8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Grading Contract Awarded
APARTMENTS Cost, $350,000
SAN FRANCISCO. NE Broadway and Buchanan Street.
Ten-story Class A steel frame apartment building (50 3- 4- and 5-rm. apts.) flat roof, steam heating system, wood sash, two elevators, tile baths, hardwood floors, garage, etc.
Owner—Lucille A. Meyer.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Meyer Const. Co., 735 Portola Drive.
Grading—Hyman Rosenberg, 307 Girard Street.
As previously reported, wrecking contract awarded to Symon Brothers Wrecking Co., 1435 Market Street, and the concrete awarded to Golden Gate Atlas Materials Co., 2625 16th Street. Sub-bids are wanted on all other portions of the work.

Construction To Start Immediately.
APARTMENTS Cost, $150,000
STOCKTON, San Joaquin Co., Calif. North Eldorado and Acacia Sts.
Alterations to 5-story concrete, steel and wood apartments (36 3- and 4-room apts.) air conditioning, refrigeration system.
Owner—Frank S. Boggs, 925 N Eldorado St., Stockton.
Architect—Eric Johnson, 2615 Dwight Way, Stockton.
Contractor—J. A. Allen, 22 S. Sutter St., Stockton.

Segregated Bids Being Taken.
APARTMENTS Cost, $25,000
OAKLAND, Alameda Co., Calif. 521 Thirty-eighth Street.
Two - story frame and stucco apartment building (25 rooms).
Owner—Percy Robins, 4123 35th Ave., Oakland.
Architect—Williams and Wastell, 374 17th St., Oakland.
Segregated bids are being taken by the owner.

4— FACTORIES & WAREHOUSES

Planned.
FACTORY Cost, $50,000
BAYWOOD PARK, San Luis Obispo Co., Calif.
Paint factory.
Owner—Ankertie Products Co. (Mr. Anker, President).
Architect—Not Given.
Real Estate Agent—W. C. Wickenden, San Luis Obispo.

BIDS OPENED

NAPA COUNTY, Cal.— C. G. Langum, Union Station, Napa, at $7,194 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the construction of maintenance buildings about one-half mile north of Napa.
Complete bids follow:
(1) 30x100-ft. truck shelter;
(2) Gas and oil house;
(3) Septic tank and leaching field;
(4) Total cost;
(5) Add or deduct for excava., per c.y.
(6) Add or deduct for Portland cement concrete, per c.y.

C. G. Langum, Napa	(1)	$6,042.00
	(2)	972.00
	(3)	180.00
	(4)	7,194.00
	(5)	2.00
	(6)	10.00
A. H. Seimer, San Anselmo	(1)	6,113.00
	(2)	800.00
	(3)	350.00
	(4)	7,263.00
	(5)	1.25
	(6)	16.00
T. H. Johanns, Yuba City	(1)	6,740.00
	(2)	1,050.00
	(3)	500.00
	(4)	8,290.00
	(5)	2.00
	(6)	25.00
Monson Bros., S. F.	(1)	.....
	(2)	.....
	(3)	.....
	(4)	11,986.00
	(5)	2.00
	(6)	12.00

Bids held under advisement.

CONTRACT AWARDED

SANTA MONICA, Los Angeles Co., Cal.—McClintic-Marshall Corp., 11,100 S. Central Ave., Los Angeles, awarded contract by Douglas Aircraft Co., at $118,500, for furnishing and erecting structural steel for a new hangar to be built at 3000 Ocean Park Blvd., Santa Monica, for the company. Edward Cray Taylor and Ellis Wing Taylor, 803 W. Third St., Los Angeles, architects and engineers.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. North Point, Bay and Powell Streets.
Alterations to shed.
Owner—Simmons Co., Bay and Powell Sts., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

DAIRY Cost, $8500
SAN RAFAEL, Marin Co., Cal. Mary Street near Fourth Street.
One - story reinforced concrete dairy and bottling plant (50x100 feet).
Owner—Roberts Dairy, San Rafael.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Contractor—Hannah and Wooldridge, 268 Market St., San Francisco.
Ornamental Iron—Modern Iron W'ks, 2247-49 Folsom St., San Francisco
As previously reported, glass contract awarded to W. P. Fuller & Co., 301 Mission St., San Francisco; lumber to Hess Lumber Co., San Rafael; reinforcing steel to Gunn, Carle and Co., 20 Potrero Ave., San Francisco.

Owner Taking Bids.
CREAMERY Cost, $15,000
SAN FRANCISCO. Fillmore Street S California Street.
One-story Class C concrete creamery.
Owner—Marron's Creamery, 2042 Fillmore St. (Mrs. O'Brien).
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Following is partial list of contractors who will figure.
Ira Coburn, 2048 Market St.
William Spivock, 544 Golden Gate Avenue.

Contract Awarded
WAREHOUSE Cost, $16,000
SAN FRANCISCO. S Howard St. E. Ninth.
One-story concrete warehouse.
Owner—Bothin Real Estate Co., 604 Mission Street.
Architect—Angus McSweeney 604 Mission Street.
Engineer—Ellison and Russell, Pacific Building.
Contractor—A. F. Mattock, 604 Mission Street.

5— FLATS

Contract Awarded.
FLATS Cost, $9850
SAN FRANCISCO. W Jones St. N Lombard Street.
Two-story and basement frame and stucco flats.
Owner—John and Rose Saia, 1566 Underwoood Ave., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Contractor—Frank Rocca, 3555 Pierce St., San Francisco.

January 7, 1936
To Be Done By Day's Work.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 566 Lombard Street.
Alterations to flats.
Owner—J. Foppoli, 290 Green Street, San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 1947-51 Taylor Street.
Alterations to flats.
Owner—A. Blasi, Premises.
Plans by Luigi Dallorso, 32 Jansen St., San Francisco.
Contractor — Ferdinando Rossi, 1835 Stockton St., San Francisco.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $4,000
SAN FRANCISCO. SE 8th and Mission Streets.
Class C service station.
Owner—Bruce E. Gillette, Eighth and Mission Streets.
Class C service station.
Owner—Bruce E. Gillette, 8th and Mission Streets.
Engineer—R. D. Dalton, 4040 Laurel St., Oakland.
Contractor—F. C. Stolte, 3455 Laguna Oakland.

Plans Completed.
BUS SHED Cost, $10,000
TURLOCK, Stanislaus Co., Cal. High School Campus.
One-story reinforced concrete bus shed (accommodate 9 cars).
Owner — Turlock Union High School District.
Architect—G. N. Hilburn, 1213 I St., Modesto.
When bids will be asked is not determined at this time.

Contract Awarded.
ADDITION Cost, $10,000
WATSONVILLE, Santa Cruz County, Cal. Lake and Main Streets.
One-story concrete addition to hotel garage.
Owner—Resetar Hotel, Watsonville.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—T. H. Rosewall, 422 Third St., Watsonville.

Plans Being Figured — Bids Close January 13.
SERVICE STATION Cost, $——
REDWOOD CITY, San Mateo County, Calif.
Steel service station.
Owner—General Petroleum Corp., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.

7— FEDERAL BUILDINGS

BIDS OPENED
SAN FRANCISCO — Van Fleet Freear Co., 557 Howard St., at $234 submitted low bid to Custodian, U. S. Post Office, for rubber tile in corridor adjacent to courtroom 332. Complete bids follow:
Van Fleet Freear Co.....$234.00
Royal Floor & Linoleum Co..... 245.00
Nick Hemminga 267.50
Malott & Petersen 304.00
Bids held under advisement.

BIDS OPENED
COLTON, San Bernardino Co., Cal. —Chamberlin Weatherstrip Co., Detroit, Mich., at $448, submitted low bid to Procurement Division, Public Works Branch, Washington, D. C., for furnishing insect screens in the U. S. Post Office at Colton.
Complete bids follow:
Chamberlin Metal Weatherstrip Co., Detroit, Mich., $448.
Watkins Mfg. Co., Jamestown, N. Y., $471.
The Robbins Mfg. Co., Chicago, Ill., $485.
Ceco Weatherstrip & Screen Products, Chicago, Ill., $485 .
Corry Metal Corp., Corry, Pa., $498.

TO ASK BIDS
SAN DIEGO, Cal.—Bureau of Yards & Docks, Navy Dept., will call for bids shortly for modernizing five electric passenger elevators at the Naval Hospital, San Diego. The work includes changing from manual to automatic push-button control, replacing the existing winding machines and motors, providing new automatic self-leveling devices and door closers, and replacing some of the existing hoistway doors and car gates. An alternative provides for new multivoltage control units and direct-current motors for use with the existing winding machines; deposit $10 required for plans, etc.; Spec. 8100.

BIDS WANTED
RENO, Nev.—Until Jan. 21, 10 A. M., bids will be received by Procurement Division, Public Works Branch Washington, D. C., for furnishing and installing directional signs in the U. S. post office at Reno.
Specifications may be obtained from the above office and from the Custodian of the building at Reno.

Bid Opening Date Postponed Until Feb. 4, 1 P. M.
POST OFFICE Cost, $445,000
SANTA BARBARA, Cal. Canyon Perdido and Anacapa Streets.
Two - story and basement post office building (170x170 feet) reinf. concrete and steel construction, shingle tile roof, tile floor, marble walls in lobby, metal skylights, vaults, steam heat, service elevator, pavement in courtyard, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Consulting Architect—R. D. Johnson, Architects' Bldg., Los Angeles.
Date was previously set for Jan. 21 at 1 P. M.
Plans and specifications may be obtained from the above office.

BIDS OPENED
FAIRBANKS, Alaska. — Machtegal Mfg. Co., Grand Rapids, Mich., at $350 submitted low bid to Procurement Division, Public Works Branch, Washington, D. C., for furnishing two wood bulletin boards in the U. S. post office at Fairbanks, Alaska.
Complete bids follow:
Machtegal Mfg. Co., Grand Rapids Michigan $350
Acme Changeable Sign Co., New York City 395
Federal Equip. Co., Carlisle, Pa. 469
Bids held under advisement.

BIDS OPENED
HONOLULU, T. H.—Raphael Company, 270 Tehama St., San Francisco, at $3,144 submitted low bid to Treasury Dept., Washington, D. C., for painting plaster, etc., in the U. S. post office, courthouse and customhouse at Honolulu.
Complete bids follow:
Raphael Co., S. F.....$3,144
Patterson Bros., Oakland..... 3,653
John Makagaki, Honolulu..... 5,450
J. W. Glover, Honolulu.. 7,503
Louis J. Feary, Honolulu..... 8,080
D. J. Inman, Danville..... 8,530
Bids held under advisement.

BIDS WANTED
WHITTIER, Los Angeles Co., Cal. —Until January 24, bids will be received by Public Works Branch, Treasury Department, Washington, D. C., for plaster models for the U. S. Post Office for Whittier.

BIDS OPENED
MONTEBELLO, Los Angeles Co., Cal.—John Hutter, Los Angeles, at $375 submitted low bid to Treasury Department, Washington, D. C., for plaster models for the U. S. post office at Montebello.
Complete bids follow:
John Hutter, Los Angeles.....375.00
Harold J. Wilson, L. A..... 470.00
Elmer G. Balogh, L. A..... 527.00

BIDS WANTED
SAN DIEGO, Cal. — Until Jaunary 22, 11 A. M., bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., for modernizing five electric passenger elevators at the Naval Hospital, San Diego. The work includes changing from manual to automatic push-button control, replacing the existing winding machines and motors, providing new automatic self - leveling devices and door closers, and replacing some of the existing hoistway doors and car gates. An alternative provides for new multivoltage control units and direct-current motors for use with the existing winding machines; deposit $10 required for plans, etc.; Spec. 8100. *

BUILDING MATERIALS APPROVED
SAN FRANCISCO — Treasury Department approved the following equipment and building material awards for the construction of the U. S. Mint in San Francisco. Clinton Constr. Co., 923 Folsom St., San Francisco, general contractors.
Boilers, National Radiator Corp.; combination oil and gas burners, Ray Oil Burner Co.; oil pumps for boilers and oil pump for process work, Ray Oil Burner Co.; pressure-reducing valve, Mueller Steam Specialty Co.; thermostatic traps, Sarco Co.; vacuum pumps and condensate pumps, Chicago Pump Co.; fans, American Blower Co.; combination traps, Sarco Co.

BIDS WANTED
HAYWARD, Alameda Co., Cal.—Until January 24, bids will be received by Public Works Branch, Treasury Department, Washington, D. C., for plaster models for the U. S. Post Office for Hayward.

Low Bidder.
INSPECTION STATION Cost. $66,000
NACO, Arizona.
Two-story and basment inspection station (67x48 feet) concrete foundations and basement, hollow tile walls, stucco exterior, composition roof, cement, wood and linoleum covered floors, promenade tile, macadam paving, metal shower partitions, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder — Edmond and E. John Pfotzer, 5305 Haverford Avenue, Philadelphia, Pa., at $57,880.
Second low bid was submitted by E. L. Martin, Dallas, Texas, at $58,070.
Complete bids will be published shortly.

LOW BIDDER
YUMA, Ariz.—Jardine and Knight Plumbing and Heating Co., Colorado Springs, Colo., awarded contract by Bureau of Reclamation at $8877 for air cooling, heating and distributing equipment for the office building and dormitory at Imperial Dam camp, All-American Canal System, Boulder Canyon Project, located about 14 miles northeast of Yuma.

BIDS OPENED
POINT MONTARA, Cal. — Underground Construction Company, Rt. 1, Box 756, Berkeley, at $1468 submitted low bid to Public Works Officer, U. S. Navy Yard, Mare Island, for remodeling an existing coal shed for on auxiliary power plant, by installing door, window, concrete machine foundations, fireproofing the interior, installing gasoline tank, piping, pole, electric wiring, switches, underground cables with connections to buildings, and the provision and installation of a hot water circulating pump in dormitory at the U. S. Naval Direction Finder Station, Point Montara. Spec. No. 8108.
Complete bids follow:
Underground Constr. Co., Berkeley, $1468.
H. F. Haverkamp, San Francisco, $1475.
American Electric Constr. Co., San Francisco, $1698.
Bids held under advisement.

9— HOSPITALS

BIDS WANTED
SANTA MARIA, Santa Barbara Co., Cal.—Until Feb. 3, 10 A. M., bids will be received by Santa Barbara county supervisors for construction of improvements at the branch county hospital in Santa Maria, a PWA project.
Plans and specifications may be obtained from the architect, Rudolph A. Polley, 611 E. Cypress St., Santa Maria, upon deposit of $25. Certified or cashier's check or bond for 5% must accompany each bid. Cost of the work is estimated at $25,000.

Bids Wanted—To Close Jan. 28, 2 P.M.
LAUNDRY Cost, $——
CAMARILLA, Ventura Co., Cal. State Hospital.
One-story reinforced concrete laundry building (clay tile roofing).
Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Bids are being taken as follows:
(1) General Work;
(2) Electrical Work;
(3) Plumbing and Heating Work
Plans and specifications may be obtained from Division of Architecture, Public Works Building, Sacramento, upon deposit of $25.00.

PREPARING PLANS

SANTA BARBARA, Cal.—Architect Henry W. Howell, 157 Cheltenham Dr., Santa Barbara, has prepared plans for a new unit to be added to the children's section of the tuberculosis sanitarium at Santa Barbara county hospital. The new unit, estimated to cost $25,000, will provide 30 beds. The PWA has approved a $12,315 grant for the project.

Low Bidder.
HOSPITAL ADDN. Cost, $56,000
SALEM, Oregon.
Tuberculosis Hospital Addition.
Owner—State of Oregon.
Architect—L. L. Dougan and C. H. Wallwork, Studio Bldg., Portland, Oregon.
Low Bidder—Rougan Hammond Construction Co., Rothschild Bldg., Portland (basic bid) $194,900; (net bid), $77,470.

Preliminary Sketches Prepared.
HOSPITAL Cost, $75,000
PITTSBURG, Contra Costa Co., Cal.
Reinforced concrete hospital (20 beds)
Owner—City of Pittsburg.
Architect — Dragon & Schmidts, 3016 Telegraph Ave., Berkeley.
Application has been filed with the WPA. A bond election will probably be called to assist financing the project.

Bids Wanted — To Close January 15, 10 A. M.
HOSPITAL Cost, $100,000
RED BLUFF, Tehama Co., Calif.
One and two-story and larage basement hospital (concrete exterior walls (wood floors, wood roof construction with composition covering, steam heating plant, etc.)
Owner—County of Tehama.
Architect — W. B. Coffman, Forum Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.

LOW BIDDER

VENTURA, Cal.—H. R. Graham, 2301 Castillo St., Santa Barbara, submitted low bid to Ventura County Supervisors, at $37,290, for an isolation ward to be added to Ventura County Hospital, a PWA project. Harold E. Burket, 468 E. Main St., Ventura, architect.

Sub-Contracts Awarded
HOSPITAL Cont. Price, $50,909
ATWATER, Merced Co., Calif.
One-story frame and stuco hospital (55 beds).
Owner—City of Atwater.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.
Contractor—A. L. Swanson and C. A. Hillberg, P. O. Box 342, Turlock.
Roofing—Zerbe Roofing Co., Modesto.
Plumbing—C. B. Hedman, Turlock.
Electric Wiring — Eddy Electric Co., Stockton.
Heating—C. G. Hedman, Turlock.
Sheet Metal—Sanitary Plumbing Co., Merced.
Glass—W. P. Fuller & Co., Stockton.
Iron Grille Work—Modesto Steel Prod. Co., Modesto.
Lathing and Plastering—Perry Bros., Stockton.
Lumber—Merced Lbr. Co., Merced.
Steel Sash—Modesto Steel Prod. Co., Modesto.
Wood Sash—Union Planing Mill, Stockton.
Painting—J. F. Ecker, Stockton.
Flooring—Merced Lumber Co., Merced
Window Shades—McLean Co., Stockton.
Structural Steel—Modesto Steel Products Co., Modesto.
Linoleum—McLean Co., Stockton.
Mill Work—Union Planing Mill, Stockton.
Hospital is known as the Ella Bloss Memorial Hospital.
Construction will start immediately.

Bids Wanted—To Close February 4, 2:00 P. M.
WARD Cost, $100,000
NORWALK, Los Angeles Co., Calif. State Hospital.
Two-story reinforced concrete ward building (to accommodate 100 patients) tile roof, tile partitions, steam heating system from central plant, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Bids are being taken as follows:
(1) General work.
(2) Electrical work.
(3) Plumbing.
(4) Heating and ventilating.
Plans and specifications may be obtained from above office upon deposit of $25.

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Bids Opened.
HOME Cost, $——
WEED PATCH, Kern Co., Calif.
Old Folks Home.
Owner—County of Kern (F. E. Smith, County Clerk) Bakersfield.
Architect—Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.
Low Bidder — Opperman and Kampe, Box 414, Station A, Bakersfield.
Complete bids follow:
Opperman & Kampe $48,895
Willard Michael 49,804
Alva Hackney 50,740
All of Bakersfield.
Bids held under advisement.

Contract Awarded
HOSPITAL ADD. Cont. Price, $93,307
SALEM, Oregon.
Tuberculosis Hospital Addn (nurses' home and equipment).
Owner—State of Oregon.
Architect—L. L. Dougan and C. H. Wallwork, Studio Bldg., Portland.
Contractor—Dougan - Hammond Construction Co., Rothschild Bldg., Portland.

10— HOTELS

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 17 Powell St.
Alterations to hotel.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—R. J. Jenkins, 42 Short St., San Francisco.

Plans Being Prepared.
HOTEL Cost, $——
SAN RAFAEL, Marin Co., Calif. (Old Hotel Rafael Site).
Four- or five-story hotel (type of construction not determined) 120 rooms, etc.
Owner—Hotel Rafael Corporation.
Architect—Andrew B. Talbot and H. C. Baumann, associated, 251 Kearny St., San Francisco.

Planned.
ALTER HOTEL Cost, $65,000
MERCED, Merced Co., Cal.
Alterations to El Capitan Hotel (3-story structure) new lobby, painting, decorating, etc.
Owner—El Capitan Hotel (Stanley S. Simonson, Owner).
Architect—Not Given.
Further details will b announced at a later date.

Contract Awarded
ALTERATIONS Cost, $92,000
SAN FRANCISCO. Sutter and Powell Streets.
Alterations to arcade of Hotel Sir Francis Drake (mechanical equipment, etc.)
Owner—Sir Francis Drake Hotel.
Architect—D. D. Stone, 110 Sutter St.
Structural Engineer—Jas. M. Smith, 251 Kearny Street.
Mechanical Engineer—Hunter & Hudson, 41 Sutter Street.
Contractor—Lindgren and Swinerton, 225 Bush Street.

To Be Done By Day's Work
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 555 Bush Street.
Alterations to hotel.
Architect—Not Given.
Owner—Chas. H. Bain, premises.

11—ICE & COLD STORAGE PLANTS

FIRE LOSS

SAN JOSE, Cal.—Fire destroyed the San Jose Ice and Cold Storage Company plant at 10 Center St., San Jose. Damage estimated at $75,000. 11

Plans To Be Prepared.
ICE PLANT Cost, $100,000
SALINAS, Monterey Co., Calif. East Gabilan and Griffin Streets.
Reinforced concrete ice plant (capacity 120 tons daily).
Owner—Salinas Valley Ice Co. (Ralph Myers, Mgr.), Salinas.
Engineer—To Be Selected.
Selection of an engineer will be made in one week.

12— POWER PLANTS

INJUNCTION GRANTED

EL CENTRO, Imperial Co., Calif.—Under an order signed by Federal Judge Harry Hollzer, at Los Angeles, the temporary injunction restraining the Imperial Irrigation District from proceeding with its $12,000,000 power plant was continued until January 6. The order was made on the request of attorneys for the Nev-Cal Securities Compay, which is seeking to halt the power plant project. The order prohibits the irrigation district from making any expenditures on the power project. Whether the restraining order shall remain in effect until the case is taken to the Circuit Court of Appeals in San Francisco will be argued on the January date. The securities firm contends that the State law under which the project was launched is unconstitutional. It also attacks the validity of later developments. 12

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED

LOMPOC, Santa Barbara Co., Cal.—Until February 3, 10 A. M., bids will be received by Santa Barbara county supervisors for the construction of a veterans' memorial building and county offices at Lompoc, a PWA project.
Plans and specifications may be obtained from the architects, Winsor Soule and John F. Murphy, 116 East Sola St., Santa Barbara, upon deposit of $25. Certified or cashier's check or bond for 5% must accompany each bid. Cost of the work is estimated at $78,000.

SEEK FUNDS

TUCSON, Ariz.—City of Tucson has applied to the WPA for $56,000 with which to finance the addition of three wings to the public library in Tucson.

CONTRACT AWARDED

OAKLAND, Cal.—Wagner & Parker 135 South Park St., San Francisco, at $17,181 awarded contract by Alameda County Board of Supervisors for construction of additional equipment and facilities for the Jail and District Attorney's Office in the Alameda County Court House, located at Fallon, 12th, Oak and 13th Sts., Oakland.

Plans prepared by Architects W. G. Corlett, Henry A. Minton, James W. Plachek, Wm. E. Schirmer and Carl Werner, 910 Bank of America Bldg., Oakland.

Bids Opened

CITY HALL & JAIL Cost, $85,000
TULARE, Tulare Co., Calif.
Two - story reinforced concrete city hall and jail.
Owner—City of Tulare.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Low Bidder—W. J. Ochs, Pacific Southwest Bldg., Fresno.
Complete bids follow:
W. J. Ochs, Fresno.....$78,540
Trewhitt - Shields and Fisher, Fresno 78,565
Midstate Const. Co., Fresno..... 82,860
R. P. Moore, Fresno..... 88,196
A. Nelson, San Francisco..... 90,676
Bids held under advisement.

BIDS REJECTED

WATTS Los Angeles Co., Calif.—Los Angeles board of public works January 2 rejected all bids received November 20 for a branch city hall building to be built at 1515 E. 103rd St., Watts, and ordered the work done by force account under the supervision of the Los Angeles city construction department. Plans prepared by Los Angeles city construction department.

BIDS OPENED

CARSON CITY, Nevada — A. M. Larson, Carson City, at $35,923 submitted only bid to Robert A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for the construction of a Materials and Research Laboratory Building at Carson City.

Bids read as follows:
(1) Basic bid, $35,923.
(2) Terra cotta facing, $46,186.
(3) Indian limestone facing, $47,472.
(4) Local Nevada seone facing, $50,652.

Bids held under advisement. New bids will probably be asked.

Plans Awaiting PWA Approval.

AUDITORIUM Cost, $118,181
EUREKA, Humboldt Co., Calif. F St. between 11th and 12th.
One-story and balcony civic auditorium (concrete walls, steel trusses, steel balcony, wood sheathing, interior redwood finish, steel sash hot air heating system, ventilation system, etc.; to seat 2400).
Owner—City of Eureka.
Architect—F. T. Georgeson, Eureka.
Structural Engineer—W. H. Ellison, Pacific Bldg., San Francisco.
Upon approval of plans by the PWA bids will be asked.

Bid Opening Date Changed To Jan. 18, 10 A. M.

LIBRARY Cost, $35,000
VISALIA, Tulare Co., Calif. Tipton-Lindsey Playground.
One-story library building.
Owntr—City of Visalia (Kathleen H. Sim, City Clerk).
Architect — C. A. Balch, 1581 W Washington St., Los Angeles
The date was previously set for January 27.
Bid forms obtainable from Judson S. Steele, 822 W. Mineral King St., Visalia.

BIDS OPENED

SAN FRANCISCO.—Fire Protection Products Co., 1101 16th Street, submitted low bid to Department of Public Works for wind break screen under movable auditorium at Veterans Building at $250 and at $323 submitted low bid for canopy over counters in check room at the Veterans' Bldg.

Complete bids follow:
(1) Wind break screen under movable auditorium at Veterans' Building, San Francisco War Memorial.
(2) Canopy over counters in check room, basement of Veterans' Bldg.

Fire Protection Prod. Co.....(1) $250.00
.....(2) 323.00
A. D. Collman.....(1) $396.00
.....(2) 417.00
Patterson and Koster Iron Works .....(1) $452.00
.....(2) 328.00
Sartorius Co. .....(1) $796.00
.....(2) 384.00
Bids held under advisement.

BIDS WANTED

SAN JOSE, Santra Clara Co., Cal.—Until January 20, 5, P. M. (bids to be opened at 8 P. M.) bids will be received by San Jose City Council, for furnishing and installing sprinkler and auditorium seats in the San Jose Auditorium, located at Market and San Carlos Streets, San Jose.

Plans and specifications may be obtained from the Architects Binder & Curtis, 35 West Carlos St., San Jose, upon deposit of $5.00. *

Bids Wanted—To Close Jan. 20, 8 P.M.

AUDITORIUM Cost, $118,181
EUREKA, Humboldt Co., Calif. F St. between 11th and 12th.
One - story and balcony civic auditorium (main auditorium 100 feet square; stage, secondary room, large foyer, etc.; concrete walls, steel trusses, steel balcony, wood sheathing, interior redwood finish, steel sash, hot air heating system ventilation system, etc.; to seat 2400).
Owner—City of Eureka.
Architect—F. T. Georgeson, 537 G St., Eureka.
Structural Engineer — W. H. Ellison, Pacific Building, San Francisco.
Plans and specifications may be obtained from the architect and from the engineer upon deposit of $25.00.

Plans Awaiting PWA Approval

COURTHOUSE Cost, $400,000
SALINAS, Monterey Co., Calif. Site of Old County Courthouse.
Three-story reinforced concrete fireproof courthouse.
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St. Salinas, and Robert Stanton, Carmel and Monterey.
Engineer—Richard Ware, % architects
Bids will be asked January 13.

Award Recommended

LIBRARY Contract Price. $42,368
BERKELEY, Alameda Co., Cal. The Alameda.
One-story reinforced concrete library (tile roof, hot air heating system).
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.
Recommendation made to the PWA that contract be awarded to Kelly & Tulloch at $42,368.

PLANNED

SALEM, Oregon—Architect Carl F. Gould, Hoge Bldg., Seattle, has been retained by the Capitol Reconstruction Commission as its technical adviser to prepare for actual construction of the new capitol. Mr. Gould will require about three weeks study to make up the program for the architects' contest.

The commission has not yet determined whether the contest will be opened to all architects or will be limited to dsignated architects.

BIDS WANTED

SAN JOSE, Cal.—Until January 20, 8 P. M., bids will be received by San Jose City Council, for furnishing and installing automatic sprinkler system and auditorium seats for the Civic Auditorium in San Jose.

Plans and specifications may be obtained from above office upon deposit of $5. *

Bids Opened.

LIBRARY & COURT Cost, $165,000
CARSON CITY, Ormsby Co., Nevada.
Two-story, basement and mezzanine floor library and Supreme Court building (77x100 feet) reinforced terra cotta blocks, (first floor, library; second floor, court offices, etc.) one elevator, etc.
Owner—State of Nevada.
Architect—F. J. DeLongchampts, Inc., Gazette Bldg., Reno.
Low Bidder—J. C. Dillard, Reno, Nev., $174,989 (basic bid).
Only other bid was submitted by Wm. Kennedy, Reno, at $192,379 (basic bid).
Nine alternate proposals were submitted and J. C. Dillard specified deductions on the first seven, and additions for the last two, while Wm. Kennedy, specified deductions on all nine alternates.
Board is considering the alternates and contract will probably be awarded shortly.

CONTRACT AWARDED

TORRANCE, Los Angeles Co., Cal.—Petley & Matcham, 624 S. La Brea Ave., Los Angeles, awarded contract by Torrance city council for construction of a city hall and jail building, a library building, etc. A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, architects.

14— RESIDENCES

Contract Awarded

RESIDENCE Cost, $5,000
SAN MATEO, San Mateo Co., Calif. Lot 5 Block 13, Castilian Way.
One - story and basement frame and stucco residence.
Owner—Milton F. Tham.
Architect—Not Given.
Contractor—San Mateo Investment Co. 2562 El Camino Real, San Mateo.

To Be Done By Day's Work

RESIDENCE Cost, $5,000
BURLINGAME, San Mateo Co., Cal. Lot 4 Block 33, Dwight Road.
One - story and basement frame and stucco residence.
Owner and Builder—Burlingame Realty & Building Co., 1090 Burlingame Square, Burlingame.
Architect—Not Given.

Plans Being Figured—Bids Close Jan. 16, 5 P. M.

RESIDENCE Cost, $8,000
ROSS, Marin Co., Calif.
Two - story and basement frame and stucco residence (7 rooms, 2 baths)
Owner—Withheld.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.

Plans Being Figured

RESIDENCE Cost $5,000
OAKLAND, Alameda Co., Calif. Estates Drive.
Two-story frame and stucco residence.

Owner—Chas. D. Colt, Oakland.
Architect—Leonard H. Ford, 2022 Berkeley Way, Berkeley.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. Ascot and Morley Drive, Piedmont Pines.
Two-story and basement frame residence (6 rooms, 2 baths) cedar shake roof, gas heating system, steel sash, tile baths, hardwood floors, etc.
Owner—M. Straughn.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—H. K. Schulz, 811 Mendocino Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara Co., Calif. 1055 Newhall Street.
One - story and basement frame and stucco residence (5 rooms).
Owner—L. Merritt, 123 Page St., San Jose.
Architect—Not Given.
Contractor—A. Lantz, 931 Schick Ave. San Jose.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 1802 Park Avenue.
One - story and basement frame and stucco residence (6 rooms).
Owner—Dr. Chas. H. Breuer, 1453 The Alameda, San Jose.
Architect—Not Given.
Contractor—J. G. Luebben, 843 Delmas Ave., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara Co., Calif. 251 South 21st Street.
One-story frame residence.
Owner—L. Finley, 630 E. Santa Clara St., San Jose.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 1445 Emory Street.
One-story frame and stucco residence (six rooms).
Owner — V. L. Beckstrand, 565 Coe Ave., San Jose.
Architect—Not Given.
Contractor—Dyke Walton, 1217 University Ave., San Jose.

Contract Awarded
RESIDENCE Cost, $2,000
SAN JOSE, Santa Clara Co., Calif. 329 South 22nd Street.
One-story frame residence (3 rooms).
Owner—R. W. Shrader, 327 South 22nd St., San Jose.
Architect—Not Given.
Contractor—N. M. Stacey, 184 Dale Drive, San Jose.

Contract Awarded
RESIDENCE Cost, $4,000
SAN JOSE, Santa Clara Co., Calif. 725 North Third Street.
One - story and basement frame and stucco residence (5 rooms).
Owner—Ed Bertola, River Street, San Jose.
Architect—Not Given.
Contractor—V. Lanotti & Son, 23 Dale Drive, San Jose.

Plans Being Figured.
RESIDENCE Cost, $4500 each
SAN FRANCISCO. Alemany Blvd.
Four one-story frame and stucco residences (5 rooms) composition and tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. DeBenedetti, 100 Brazil St., San Francisco.
Architect—D. E. Jackle, 126 Post St., San Francisco.
Sub-bids will be taken within a few days.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN JOSE, Santa Clara Co., Calif. 728 North Fourth Street.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Jos. J. Graglia, 152 Terraine St., San Jose.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
PALO ALTO, Santa Clara Co., Calif. 481 Washington Avenue.
One-story frame and brick veneer residence.
Owner—A. Y. Wood.
Architect—Not Given.
Contractor—Carroll da Mant, 137 Donohoe, East Palo Alto.

Contract Awarded
RESIDENCE Cost, $5,050
HEALDSBURG, Sonoma Co., Cal. N. Sherman Street.
Two-story frame residence.
Owner—Vera Moran, Healdsburg.
Architect—Not Given.
Contractor—E. A. Anloff, 748 Grosvenor Place, Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
BURLINGAME, San Mateo Co., Cal. Lot 21 Block 33, Howard St.
One - story and basement frame and stucco residence.
Owner and Builder—Burlingame Realty & Building Co., 1090 Burlingame Square, Burlingame.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $8000
BURLINGAME, San Mateo Co., Cal.
Two-story all-wood residence (modern style) 8 rooms, 3 baths, composition roof, gas heating system, wood sash, hardwood floors, tile and linoleum in baths, etc.
Owner—N. Jones, % Architect.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Owner is receiving the sub-bids.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Sixteenth Ave. N Pacheco St.
Two one-story frame and stucco residences.
Owner and Builder—Henry Doelger, Inc., 320 Judah St., San Francisco
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Sheldon Drive, Piedmont Pines.
California-Colonial residence (6 rooms two baths) hardwood floors, shake roof, tile baths.
Owner—R. W. Morgart.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—T. D. Courtright, 349 51st Street, Oakland.
Plumbing—J. A. Fazio, 2059 Webster Street, Oakland.
Electric—Fred Schmits, 428 Moss Ave. Oakland.
Heating & Sheet Metal—H. K. Flowers, 5437 Thomas St., Oakland.
Glass—East Bay Glass Co., 621 Sixth Street, Oakland.
Tile Work—Superior Tile Co., 3743 Broadway, Oakland.
Iron Grille Work—James A. Eandi, 1339 62nd Ave., Oakland.
Brick Work—Reinecke & Herschel, 830 E 11th St., Oakland.
Lumber—Tilden Lumber Co., 400 High Street, Oakland.
Steel Sash—East Bay Glass Co., 621 6th St., Oakland.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. W Delano St. S Santa Ynez St.
One-story and basement frame and stucco residence.
Owner & Builder—Dominic Tiscornia, 1541 Alemany Blvd., S. F.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 2011 96th Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner—M. Caldera, 2001 96th Avenue, Oakland.
Architect—Not Given.
Contractor — Gaubert Bros., 4735 Brookdale Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 5412 Proctor Avenue.
One-story frame and stucco residence (6 rooms).
Owner and Builder — J. F. Hubbard, 2901 Brookdale Ave., Oakland.
Architect—Not Given

Sub-Contracts Awarded
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas heating system, hardwood floors, wood sash tile baths, etc.
Owner and Builder—Lengfeld & Olund 220 Third St., San Mateo.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Plumbing—Harry Lee, San Mateo.
Electric Wiring—San Mateo Co. Elec. Co., San Mateo.
Sheet Metal—G. & M. Sheet Metal Works, San Mateo.
Tile Work—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Brick—Chas. Chran & Sons, Burlingame.
Lathing and Plastering—P. Venturelli San Mateo.
Lumber—Wisnom Lbr. Co., San Mateo
Wood Sash—Pacific Mfg. Co., Santa Clara.
Painting—A. Petterson, San Mateo.

Sub-Contracts Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. Clive, North Chelton Drive.
One-story and basement frame and stucco residence (5 rooms).
Owner—R. M. Campbell, Berkeley.
Architect—J. K. Ballantine, 137 Harlan St., San Francisco.
Contractor—T. D. Courtright, 349 51st St., Oakland.
Plumbing—J. A. Fazio, 2059 Webster Street.
Electric Wiring — Fred Schmits, 428 Moss Ave.
Heating—William Perry, 5212 Camden Street.
Tile Work — Superior Tile Co., 3743 Broadway, Oakland.
Glass—East Bay Glass Co., 621 Sixth St., Oakland.
Iron Grille Work — James A. Eandi. 1339 62nd Avenue.
Brick Work—Reinecke & Herschel, 830 E-Eleventh St.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Lumber—Tilden Lumber Co., 400 High Street .
Hardware—J. P. Maxwell, 1320 Washington St.
Steel Sash—East Bay Glass Co., 621 6th St.
All of Oakland.

Contract Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. SE Broderick and Filbert Streets.
Alterations to residence.
Owner—Dr. Randolph Flood, 593 Post St., San Francisco.
Architect — Albert Farr, 68 Post St., San Francisco.
Contractor—William Martin, 666 Mission St., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Calif. No. 2135 Lakeside Avenue.
Two-story frame and stucco residence (six rooms).
Owner — C. H. Maschek, 1320 N-San Joaquin St., Stockton.
Architect—Not Given.
Contractor—W. J. Scott, 1661 W. Poplar St., Stockton.
Plumbing—Tibeon Plumbing Co.
Electric—Eddy Electric Co.
Heating—Frazer Furnace Co.
Tile Work—Fischer Tile Co.
Glass—Electric Planing Mill.
Brick Work—C. H. Miller.
Lathing and Plastering — Crispin & Fahlman.
Lumber—Stockton Lumber Co.
Steel Sash—Walter Zerwack.
Wood Sash—Electric Planing Mill.
Hardware—Austin Brothers.
Painting—J. Spradlery.
Concrete—A. Sandberg.
Flooring and Window Shades..— McLean Hardwood Floor Co.
Reinforcing Steel—Kyle & Co.
All of Stockton.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. Lot 6 Blk 13, Castilian Way.
One-story and basement frame and stucco residence.
Owner—A. R. Mason.
Architect—Not Given.
Contractor — San Mateo Investment Co., 2562 El Camino Real, San Mateo.

Contract Awarded.
RESIDENCE Cost, $7000
SACRAMENTO, Sacramento Co., Cal. No. 3714 Nineteenth Street.
Two-story frame and stucco residence
Owner—I. J. Jones.
Architect—Not Given.
Contractor — Edward Lee, 1139 33rd St., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. N Niagara St. W Cayuga St.
One-story and basement frame and stucco residence.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., S. F.
Architect—Not Given.

Contract Awarded.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. E Thirtieth Ave. N Rivera Street.
Four one-story and basement frame and stucco residences.
Owner—Happy Home Bldg. Co., 345 Santiago St., San Francisco.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Ave., San Francisco.

CONTRACT AWARDED
GRAND COULEE, Wash. — White Pine Sash Co., Spokane, at $20,889 awarded contract by Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at shipping point or f.o.b. cars at Odair, Wash., material for eleven pre-fabricated court-type houses consisting of three residences each for the Government camp at Grand Coulee Dam, Columbia Basin Project, Wash. The foundations, roofing, pumping, electrical work, hardware, insulation, shades and linoleum will be furnished by the Government and houses will be erected by the Government.

Plans Being Completed
RESIDENCE Cost, $——
LOS GATOS, Santa Clara Co., Calif.
Two - story frame, stucco and brick veneer residence (six rooms).
Owner—Fred Oehler, American Trust Co., San Jose.
Architect—Binder & Curtis, 35 W San Carlos St., San Jose.
Bids will be asked in about 2 weeks.

Contract Awarded
RESIDENCE Cost, $4,000
REDWOOD CITY, San Mateo Co., Calif. 137 Lexington St.
One-story frame residence (4 rooms).
Owner—Jake Stein.
Architect—Not Given.
Contractor—V. L. Stewart, premises.

Contract Awarded
RESIDENCE Cost, $6,000
SAN MATEO, San Mateo Co., Calif. Las Pulgas and Acacia Lane.
Two-story frame and stucco residence
Owner—C. J. Becker.
Architect—Not Given.
Contractor—J. R. Pitzker, 2003 Broadway, San Mateo.

Segregated Bids Being Taken.
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Calif. Alvarado Road.
Two - story and basement frame residence (8 rooms, 4 baths) California-Colonial type, shake roof, air conditioning system, steel sash, hardwood floors, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $——
LODI, San Joaquin Co., Calif.
One - story and basement frame residence (6 rooms, 1 bath) shake or shingle roof, vertical boarding hardwood floors, tile bath, wood sash, two-car garage, etc. (California Ranch type).
Owner—Withheld.
Architect—Victor Galbraith, 211 East Acacia St., Stockton.
Contractor—Heib Bros., 425 N .Sacramento St., Lodi.

To Ask Bids In One Week
RESIDENCE Cost, $14,000
SAN RAFAEL, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) tile roof, gas or oil heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Archie and Noble Newsom, Russ Bldg., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $7,000
BERKELEY, Alameda County, Calif. Scenic Avenue.
Two-story frame and stucco residence (7 rooms, 3 baths) tile roof, gas heating system, tile baths, etc.
Owner and Builder — A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $3500
SAN FRANCISCO. W Carr St. 100 N Salinas Street.
One-story frame residence.
Owner and Builder—F. J. O'Neill, 150 Kenwood Way, San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Vienna Street N Geneva Avenue.
One-story and basement frame and stucco residence.
Owner — Geneva Avenue Methodist Episcolal Church, Nw Geneva Ave. and Vienna St.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco.

Plans Completed.
RESIDENCE & LAB. Cost, $11,000
VALLEJO, Solano Co., Calif.
Two-story frame duplex residence (1 6-room and 1 5-room residence) redwood siding electric heaters, electric hot water, composition roof, septic tank, etc.) and one-story laboratory building (redwood siding) 3 garages.
Owner—City of Vallejo.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Plans Being Figured
RESIDENCES Cost, $——
SAN JOSE, Santa Clara Co., Calif. Sherwood between Newhall and O'Brien Court.
Four one-story frame and stucco residences (5 rooms each) and four one-story frame and stucco residences (6 rooms each).
Owner—Not Given.
Architect—Edward Kress, 121 Mayellen Ave., San Jose.
Plans and specifications are on file at the Builders' Exchange, 188 South Market St., San Jose.

Contract Awarded.
RESIDENCE Cost, $——
PASATIEMPO, Santa Cruz Co., Cal.
Two-story wood frame residence (12 rooms, 4 baths) shingle roof, wood sash, gas heating system, hardwood floors.
Owner—O. W. Lombardi.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Darrow Palmer, 254 Branciforte Ave., Santa Cruz.

Plans Being Prepared.
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Cal. Rockridge District.
Two-story frame and stucco residence (7 rooms, 2 baths) shake roof, gas heating system, steel sash.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $2,778
SANTA ROSA, Sonoma Co., Cal. SW South B St. and Barnett St.
One-story frame and stucco residence.
Owner—Julia Tonelli, 212 Seventh St., Santa Rosa.
Architect—Not Given.
Contractor—Leon H. Koch, 526 Orchard St., Santa Rosa.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 631 Boulevard Way.
One-story and basement frame and stucco residence (6 rooms).
Owner & Builder—G. N. Muther, 5519 Thomas St., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7000
SAN FRANCISCO. N Bay E Broderick St.
Two-story and basement frame and stucco residence.
Owner—Anza Home Building Co.
Architect—H. C. Baumann—251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 3251 Dakota Street.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—E. M. Harde, 3063 Hopkins St., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $9893
SAN MATEO, San Mateo Co., Cal. Almandral Avenue.
Two-story frame and brick veneer residence.
Owner—John C. Mathews, Atherton.
Architect—Leslie I. Nichols, 529 Guinda St., Palo Alto.
Contractor — Ralph C. Knight. 585 Bailey Ave., Mountain View.

Contract Awarded
RESIDENCES Cost, $5,000
EL CAMINO PARK, Santa Clara Co.
Two two-story frame and stucco residences.
Owner—Estate of Mateo J. Pasetta.
Architect—Martin Rist, Phelan Bldg., San Francisco.
Contractor—A. J. Wilbe, 944 Phelan Bldg., San Francisco.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 4930 Cochrane Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—J. A. Stroud, Jr., 370 17th St.
Architect—Not Given.
Contractor—P. C. Fariel, 4621 Fleming, Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 7523 Outlook Avenue.
Two-story frame and stucco residence (6 rooms).
Owner and Builder — Folke Wallin, 2150 50th Ave., Oakland.
Architect—Not Given.

Plans Being Completed.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story and basement frame and stucco residence (7 rooms and 3 baths) tile roof, gas heating system, hardwood floors, wood sash, tile baths, etc.
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley St. Oakland.

Contract Awarded.
RESIDENCE Cost, $7000
PIEDMONT, Alameda Co., Cal. No. 11 Parkside Drive.
Two-story frame and stucco residence (6 rooms).
Owner — Paul H. Hammarberg, 2530 Hilgard Ave., Piedmont.
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard Ave., Piedmont.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Eleventh Ave. N Lawton Street.
Two one-story and basement frame and stucco residences.
Owner & Builder—M. M. McDonough, 118 Randall St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. W Westgate S Upland Drive.
Four one-story and basement frame and stucco residences.
Owner & Builder—Marshall T. Struthers, 4250 Mission St.
Architect—Not Given.

Plans Completed
RESIDENCE Cost, $6,000
SAN FRANCISCO. College and Crescent.
One - story and basement frame and stucco residence (6 rooms and 2 baths) shingle, tile and composition roofing, gas heating system, tile baths, and kitchen, canvas walls, mahogany trim, wood sash.
Owner—Dr. R. S. Mancuso.
Architect—D. E. Jaekle, 126 Post St.

Sub-Bids Being Taken.
RESIDENCE Cost, $7,500
SAN FRANCISCO. Pinelake Park.
One - story and basement frame and stucco residence (9 rooms and 3 baths) English type; shingle tile roof, gas heating system, wood sash, hardwood floors, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—D. E. Jaekle, 126 Post St.

Plans Being Prepared.
RESIDENCE Cost, $4,000
SAN CARLOS, San Mateo Co., Calif.
One - story and basement frame and stuco residence (5 rooms) Monterey style; shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Name Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

CONTRACT AWARDED
GRAND COULEE, Wash. — Ace Weatherstripping Company, Spokane, Wash., at $1539 awarded contract by Bureau of Reclamation, Coulee Dam, Wash., under Spec. No. 738-D, for for furnishing and installing weather stripping for sixty residences at the Government Camp at the Grand Coulee Dam, Colubmia Basin Project. The camp is located about 22 miles northwest of Almira, Wash. 14

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 4401 Harboard Drive.
Two-story frame and stucco residence (6 rooms).
Owner—E. Matlock.
Architect—Not Given.
Contractor — H L. Crocker Jr., 30 Wilding Lane, Oakland.

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 5117 Golden Gate Avenue.
Two-story frame and stucco residence (7 rooms).
Owner—Faith Crocker.
Architect—Not Given.
Contractor—H. L. Crocker, 30 Wilding Lane, Oakland.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO. N Mt. Vernon, W San Jose Ave.
One - story and basement frame and stucco residence.
Owner—Henry Horn, 170 Upland Dr.
Architect—Not Given.
Contractor—Morris & Debret, 95 Pinehurst.

15— SCHOOLS

PREPARING PLANS
PHOENIX, Ariz.—Architects Mayers, Murray & Phillip, New York City; Janssen & Whittlesey, associate architects, Phoenix, are preparing plans for a gymnasium building to be built at the Phoenix Indian Vocational school. It will be a reinforced concrete, concrete block and steel structure, costing approximately $45,000. General contract bids will be taken upon completion of the plans.

Planned.
SCHOOL Cost, $50,000
KINGSBURG, Fresno Co., Calif. Tenth and Draper Streets.
New grammar school.
Owner—Kingsburg Grammar School District.
Architect—Not Given.
Application will be filed with the WPA.

New Bids Wanted—To Close January 15, 2:00 P. M.
ADDITION Cost, $118,181
CAMAS, Washington.
Alterations and additions to high School (2-story and basement concrete and brick addition).
Owner—Camas School District.
Architect — D. J. Stewart, 707 Main St., Vancouver.
On prevlous bid opening lowest bid was submitted by A. S. Hansen Co., Seattle, at $107,782 on general work; H. C. Hastorf, Portland, at $27,927 was low bidder on plumbing and heating and Ne Page McKenny Company, Seattle, at $10,950 low bidder on electrical work.
New plans and specifications may be obtained from the architect upon deposit of $20.

Low Bidder.
SCHOOL Cost, $129,000
SALEM, Oregon.
Two-story reinforced concrete school (188x238 feet) (12 classrooms, library, music room, shop, auditorium to seat 600), brick veneer exterior, terra cotta, steam heat, maple and concrete slab floors, acoustical treatment, structural steel, temperature regulators, etc.
Owner—School District No. 24, Marion County.
Architect — F. H. Strubble, Guaranty Bldg., Portland.
Low Bidder—Drake-Wyman & Voss, U. S. Bank Bldg., Portland, Ore., $153,500.

PLANNED
TUCSON and Phoenix, Ariz.—Most Rev. Daniel J. Gercke, Bishop of Tucson, last week announced that a campaign would be launched in January for the purpose of raising $100,000 to finance the construction of two Catholic high schools, one to be built in Tucson and the other in Phoenix. The two schools are to be constructed as an independent undertaking by the Tucson diocese and will have no affiliation with any religious order or parish in the state.

Sub-Contracts Awarded.
SCHOOL Cont. Price, $31,427
DEL REY, Fresno Co., Calif.
One-story frame and stucco school building (six classrooms and auditorium to seat 500) tile roof, gas heating system, wood floors, etc.
Owner—Prairie School District.
Architect—Fred L. Swartz, Brix Bldg. Fresno.
Contractor—T. C. Irwin, 269 Fulton St. Fresno.
Roofing—Valley Lumber Co., Fresno.
Electric Wiring — Y. P. Vandergriff, Selma.
Sheet Metal—Z. Z. Dowd, Fresno.
Structural Steel and Iron Grille Work Kyle & Co., Fresno.
Reinforcing Steel—Kyle Co., Fresno.
Lathing and Plastering—Wm. Smart, Fresno.
Concrete—Henry Yosenaugh, Sanger.
Lumber—Valley Lumber Co., Fresno.
Painting—Eddy Paint Co., Porterville.
Wood Sash—Hollenbech Bush, Fresno
Hardware—Valley Lumbr Co., Fresno
As previously reported, plumbing awarded B. A. Newman, 320 North H St., Fresno, at $3165.

Plans Being Figured—Bids Close Jan. 15th, 10 A. M.
CONVENT Cost, $——
SAN FRANCISCO. N Oak Street 125 E Fillmore Street.
Two-story reinforced concrete convent (25 rooms) roof garden covered with terra cotta tile, Spanish tile on cornices, oak floors, steam heating and hot water system, colored plaster walls, etc.
Owner—Sacred Heart Parish.
Architect—John J. Foley, 770 5th Ave.
Bids are being taken on a general contract from a selected list of contractors.

Contract Awarded
SCHOOL Cont. Price, $13,500
SALINAS, Monterey Co., Calif.
One - story frame grammar school (3 classrooms) wood siding.
Owner—Prunedale Elementary School District.
Architect—Chas. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market Street, San Francisco.
Contractor—W. J. Charters, Salinas.

Construction To Start Shortly.
ADDITION Cost, $6000
BURNEY, Shasta Co., Calif.
One classroom addition to school
Owner—Burney School District.
Architect—O. A. Deichmann, 321 Bush St., San Francisco.
Project approved by WPA.

Commissioned To Prepare Plans.
REHABILITATE GYM. $40,000
BERKELEY, Alameda Co., Cal. No. 1200 University Avenue.
Rehabilitation of Burbank Junior High School.
Owner—Berkeley Board of Education.
Architect—W. C. Ambrose, 244 Kearny St., San Francisco.
Engineer—Thomas Chace, 605 Market St., San Francisco.

Plans Approved.
ALTERATIONS Cost, $59,500
BERKELEY, Alameda Co., Cal. Le Roy Ave. and Buena Vista Way.
Alterations to Hillside School.
Owner—Berkeley School District.
Architect—Eldridge T. Spencer, Spreckles Bldg., San Francisco.
Engineer—Thos. F. Chace, Berkeley Board of Education.
Bids will be asked shortly.

Contract Awarded.
LIBRARY UNIT
Cont. Price, $124,920
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Brick library building (first unit of Junior College annex).
Owner—Sacramento School District.
Architect—H. J. Devine, Cronin Bldg., Sacramento.
Contractor — Wm. C. Keating, 1121 24th St., Sacramento.

CONTRACT AWARDED
SAN FRANCISCO—Hanson Bros., 5840 Mission St., at $245 awarded contract by Department of Public Works for relocating two bungalows at the Aptos Junior High School, Upland Drive and Aptos Ave.

BIDS WANTED
SAN FRANCISCO — Until January 15, 2:30 P. M., bids will be received by Department if Public Works for electrical fixtures for the auditorium of the Girls' High School, Scott and O'Farrell Sts. Estimated cost $1850.
Plans and specifications may be obtaind from Chas. Sawyer, City Architect, Room 267, City Hall. No deposit required.

Bids Rejected
AUDITORIUM Cost, $——
OILDALE, Kern Co., Calif.
One - story reinforced concrete auditorium (to seat 1500).
Owner—Standard School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
On bid opening the lowest bid was submitted by Opperman and Kampe, Box 414, Bakersfield, at $117,989.
Complete bids published Dec. 16.
Plans will be revised and new bids asked at a later date.

CONTRACT AWARDED
NEEDLES, San Bernardino Co., Cal.—J. H. Pelkey, 2175 Locust Ave., Long Beach, awarded contract, subject to PWA approval, by Needles High School District at $32,166, for reconstructing the auditorium building at Needles high school, a PWA project. H. L. Gogerty, 6272 Yucca St., Hollywood, architect. The building will be a frame and plaster structure.

BIDS WANTED
ALHAMBRA, Los Angeles Co., Cal. —Until Jan. 20, 8 P. M., bids will be received by Alhambra board of education for the construction of a combination auditorium and classroom building on the Ynez school site in Alhambra, a PWA project. Certified or cashier's check for 5% must accompany each bid. Plans will be available about January 8 at the office of the board, Third and Main Sts., Alhambra. A deposit of $25 will be required for bidding data and plans. The building will be a reinforced concrete structure with composition roofing. Cost, $35,000. John Walker Smart, 39 E. Main St., Alhambra, architect; Murray Erick, 811 W 7th St., Los Angeles, structural engineer.

BIDS WANTED
PHOENIX, Ariz.—Until January 14 7:30 P. M., bids will be received by Maricopa County School District No. 1 for the construction of an addition to the Robert Louis Stevenson school near Phoenix, a PWA project. Plans and specifications may be obtained from the architect, Dwight E. Chenault, 2100 W. Jackson St., Phoenix, upon deposit of $20. Certified check for not less than 5% must accompany each bid. Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, supervising architects.

PLANS AWAITING APPROVAL
ALHAMBRA, Los Angeles Co., Cal. —Architect John W. Smart, 39 East Main St., Alhambra, and Structural Engineer Murray Erick, 811 W 7th St., Los Angeles, have completed the working drawings for a new classroom and auditorium building to be built on the Ramona school site in Alhambra, a PWA project. Plans are now in the hands of the state department of architecture and the project will probably be advertised the latter part of this month. The building will be a reinforced concrete structure, containing 18 classrooms and an auditorium. Cost, $132,000.

New Bids — To Close January 18, 8:00 P. M.
SCHOOL Cost, $31,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (six classrooms and gymnasium) flat roof, steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St., San Francisco.
Plans and specifications may be obtained from the architects upon deposit of $15.
On previous bid opening lowest bid was submitted by Leibert & Trobock, San Rafael, at $55,915.

CONTRACT AWARDED
LOS ANGELES, Cal.—P. J. Walker Co., 3900 Whiteside Ave., awarded a contract for modernizing and adding to the two-story building on northwest corner of 7th St. and Grant Ave. for the Security-First National Bank. John and Donald B. Parkinson, 808 Title Insuprance Bldg., architects.

BIDS WANTED
POMONA, Los Angeles Co., Calif.—Until January 14, 2 P. M., bids will be received by the Pomona board of; education, high school building, Pomona, for the constructon of a building for the Abraham Lincoln elementary school, Garey St. and Jefferson Ave., Pomona, a PWA project. Plans and specifications may be obtained at the office of the architects, Marston & Maybury, 25 S. Euclid Ave., Pasadena. Cost, $85,000.

Contract Awarded
SCHOOL Cost, $72,787
MILWAUKIE, Oregon.
Concord School.
Owner—School District 28 (F. F. H. Mills, Clerk) Clackamas County.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.
Contractor—Malarkey and Kallander, McKay Bldg., Portland, $51,218.

Plans Being Prepared.
DORMITORY Cost, $275,000
PULLMAN, Washington.
Five - story dormitory (170x160 feet) brick exterior, reinforced concrete skeleton, central steam heating plant, etc.
Owner—State of Washington.
Architect—Stanley A. Smith, Pullman.
Plans will be completed about Mar. 1st.

January 8, 1936

CONTRACT AWARDED
TUCSON, Ariz.—M. M. Sundt Construction Co., Tucson, awarded contract by the University of Arizona at $553,434, for construction of a science building, auditorium building, administration building, infirmary building and R.O.T.C. stables at the university, a PWA project. The science building will be a three-story structure, 160x87 ft., in area; stable group, one-story, 196x155 ft.; administration building, two stories, 61x89 ft.; infirmary, one story, 121x54 feet, and the auditorium, two stories, 207x141 feet. They will be brick structures with concrete foundations and columns, face brick exteriors, tile and composition roofing, steel windows, tile spandrels, air conditioning equip., stage, etc. Roy Place, 11 E. Pennington St., Tucson, architect.

BIDS WANTED
EL SEGUNDO, Los Angeles Co., Cal.—Until Jan. 27, 7:15 P. M., bids will be received by the El Segundo High School District, El Segundo, for reconstruction, strengthening and rehabilitation of four brick buildings at the El Segundo high school, a PWA project. Cost, $220,000. John C. Austin and Frederic M. Ashley, 6th floor, Chamber of Commerce Bldg., Los Angeles, architects.

Award Recommended.
SCHOOL Cont. Price, $28,971
ELK GROVE, Sacramento Co., Calif.
One-story brick and steel grammaar school.

Owner — Elk Grove Union Grammar School District (E. V. Polhemus, Clerk).
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.
Recommendation made to the PWA that contract be awarded to Campbell Constr. Co.

Preparing Preliminary Sketches.
GYMNASIUM Cost, $16,000
CEDARVILLE, Modoc Co., Calif.
One-story frame and stucco gymnasium.
Owner — Surprise Valley Union High School District.
Architect—Jens Petersen, 812 26th St., Sacramento.

Plans Being Completed.
SCHOOL Cost, $27,250
WOODLAKE, Tulare Co., Calif.
One-story frame and stucco school building (3 classrooms).
Owner—Woodlake School District.
Architect—E. J Kump, Rowell Bldg., Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Bids Opened.
SCHOOL Cost, $23,636
KNIGHTSEN, Contra Costa Co., Cal.
One-story frame and stucco elementary school (4 classrooms).
Owner—Knightsen Elementary School District.
Architect—James Narbett, 466 31st St. Richmond.
Complete bids follow:
(1) ded. for omitting auditorium; (6) omitting certain equipment.

Robert Miller, 141 Madera Ave., Modesto		$32,790
	(1) ded	5,678
	(2) add	250
	(3) ded	670
	(4) ded	150
	(5) ded	270
	(6) add	25
	(7) ded	2,050
Carl Overaa, Richmond		$31,647
	(1) ded	4,638
	(2) add	278
	(3) ded	906
	(4) add	42
	(5) ded	152
	(6) add	59
	(7) ded	1,983
John E. Branagh, Piedmont		$35,000
	(1)	6,900
H. H. Henning, Stockton		$35,904
	(1)	5,373
Sam Eyre, Tracy		$39,860
	(1)	9,500

Bids held under advisement.

BIDS OPENED

TUCSON, Ariz.—M. M. Sundt Construction Co., Tucson, submitted low bid to University of Arizona at $553,434, for the construction of a science building, auditorium building, administration building, infirmary building and R.O.T.C. stables at the university, a PWA project. The science building will be a three-story structure, 160x87 feet in area; stable group, one-story, 196x155 ft.; administration building, two stories, 61x89 ft.; infirmary, one-story, 121x54 ft., and the auditorium, two stories, 207x 141 feet. They will be brick structures with concrete foundations and columns, face brick exteriors, tile and composition roofing, steel windows, tile spandrels, air conditioning equipment, stage, etc. Roy Place, 11 E. Pennington St., Tucson, is the architect. The bids follow:

M. M. Sundt Constr. Co., (1) all buildings, $553,434; (2) science building and stables $206,045; (3) auditorium, administration building and infirmary, $347,389; (4) for ommission of administration building, deduct $91,942; (5) for omission of infirmary, deduct $33,720; (6) for ommission of stables, deduct $24,342.

H. Mayson, (1) $559,653; (2) no bid; (3) no bid; (4)$79,662; (5) $31,187; (6) $22,940.

Del E. Webb Constr. Co., (1) $599,995.99; (2) no bid; (3) no bid; (4) $92,866.90; (5) $36,824.50; (6) $27,060.53.

Sub-Contracts Awarded
SCHOOL Cont. Price, $23,672
ORICK, Humboldt Co., Calif.
One - story school building (two classrooms, typing department, chemistry laboratory, lunch room, kitchen.
Owner—Orick Elementary School District (Robert S. Davison, Clerk).
Architect—F. T. Georgeson, Eureka.
Contractor—F. J. Maurer & Son, Inc., Eureka.
Roofing—Chas. Connett, Eureka.
Plumbing—Paul Cook, Eureka.
Electric Wiring—Baker & Crosby, Eureka.
Sheet Metal—J. P. Ryan, Eureka.
Tile Work—M. Cookson, Eureka.
Glass—W. P. Fuller & Co., Eureka.
Iron Grille Work—Eureka Boiler W'ks, Eureka.
Brick Work—M. Cookson, Eureka.
Lathing and Plastering—M. Cookson.
Lumber—Hammond - Little Lbr. Co., Samoa.
Patent Sash — Hauser Window Co., 1370 Harrison St., San Francisco.
Wood, Sash and Millwork—National Planing Mill, 230 California Street, San Francisco.
Painting—Nelson Bros., Eureka.
Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.

Contract Awarded.
ADDITION Cont. Price, $82,737
LOS GATOS, Santa Clara Co., Calif.
Addition to high school (8 classrooms and music department) reinforced concrete construction).
Owner—Los Gatos Union High School District
Architect—W. H. Weeks, 525 Market St., San Francisco
Contractor—J. D. Carlson, 1331 Sierra Ave., San Jose.
Plumbing and Heating—Scott Co., 113 10th St., Oakland, $9679.
Construction will start immediately.

Bids Opened
SCHOOL Cost, $34,000
BRISBANE, San Mateo Co., Calif.
One-story frame and stucco grammar school (4 classrooms).
Owner—Visitacion Elementary School District.
Architect—Thos. Edwards, 9 Geary St. San Francisco.
Low Bidder — Meyer Const. Co., 735 Portola Drive, San Francisco.
Complete bids follow:

Meyer Const. Co., S. F.	$33,890
H. H. Smith, Daly City	34,693
Einar C. Petersen, S. F.	36,180
H. L. Petersen, S. F.	36,542
Robert McCarthy ,S. F.	36,987
William Martin, S. F.	37,390
Hanson Bros., S. F.	38,300
Oliver M. Rousseau, S. F.	38,625
C. L. Wold, S. F.	40,858
Mooney and McDonald, Burlingame	42,616

Bids held under advisement.

Award Recommended
SCHOOL Cont. Price, $78,402
SAN RAFAEL, Marin Co., Cal. Fourth and E Streets.
One-story frame and stucco grammar school (ten classrooms and auditorium to seat 500).
Owner—San Rafael School District.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Contractor—DeLuca & Son, Inc., 1745 Filbert St., San Francisco.
Contract awarded on work complete accepting Alternates 1, 6, 7, and 9.
Complete bids published Dec. 31.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until January 24, 7:30 P. M., bids will be received by Lakeside Union School District for the construction of a school building at Lakeside, San Diego County, a PWA project. Plans and specifications may be obtained from the clerk of the school board or from the architect, Wm. P. Lodge, Fifth Avenue Bldg., San Diego, upon deposit of $15

Award Recommended
ADDITION Cost, $53,922
MILLBRAE, San Mateo County, Cal. Chadbourne Avenue.
Addition to Millbrae elementary school (add three new classrooms, enlarge auditorium, new steam heating system, new plumbing system, add new lunch room and general repairs) and addition to Lomita Park School (add two new classrooms, new lunch room, new steam heating system, new plumbing system and general repairs).
Owner — Millbrate Elementary School District.
Architect—Thos. Edwards, 9 Geary St. San Francisco.
Contractor—John Looman, 125 Park Road, Burlingame.
Recommendation made to PWA that contract be awarded Mr. Looman at $39,067.
Complete bids published Dec. 30.

Bids Opened.
SCHOOL Cost, $18,193
ELK GROVE, Sacramento Co., Calif.
One-story brick and steel grammar school.
Owner — Elk Grove Union Grammar School District (E. V. Polhemus, Clerk.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Low Bidder — Campbell Constr. Co., 800 R St., Sacramento, at 28,971.
Only other bid submitted by C. J. Hopkinson, Sacramento, at $31,420.
Bids held under advisement.

Award Recommended
SCHOOL Cost, $——
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post.
Structural Engineer—Walter Huber, Crocker First Nat'l Bank Bldg.
Electrical Engineer—Leland & Haley, 58 Sutter Street.
The Board of Education recommended that contract be awarded to DeLuca & Son at $132,674, accepting alternates 1, 2, 3 and 6. No action taken by the Department of Public W'ks.
Complete bids published Dec. 30.

Commissioned To Prepare Plans
RECON. SCHOOL Cost, $110,000
BERKELEY, Alameda Co., Calif.
Reconstruction of the Lincoln School.
Owner—Berkeley Board of Education.
Engineer—Thos. Chace, 605 Market. San Francisco and Berkeley Board of Education.

Bids Opened
GYMNASIUM Cost, $50,000
TUOLUMNE, Tuolumne Co., Calif.
One - story reinforced concrete high school gymnasium.
Owner—Summerville High School Dist.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Low Bidder—William Buck & Sons, 57 E. Geary St., Stockton.
Complete bids follow:
(1) deduct; (2) deduct; (3) deduct;

(4) total of deductions accepted; (5) total accepting deductions.

Wm. Buck & Sons.....$65,986
.....(1) 8,191
.....(2) 11,337
.....(3) 3,184
.....(4) 22,712
.....(5) 43,274

Villadsen Bros., Piedmont.....$63,000
.....(1) 6,600
.....(2) 8,800
.....(3) 3,000
.....(4) 18,400
.....(5) 44,600

Nelson & Wallace, Escalon.....$73,272
.....(1) 8,727
.....(2) 6,815
.....(3) 2,838
.....(4) 18,380
.....(5) 54,892

Recommendation made to the PWA that contract be awarded to William Buck & Sons.

16—BANKS, STORES AND OFFICES

CONTRACT AWARDED

LOS ANGELES, Cal.—F. J. Twaits Co., Architects' Bldg., awarded contract for modernization and improvements to the Pacific Mutual Life Insurance Company's home office on the corner of Sixth and Olive Sts. John and Donald Parkinson, Title Insurance Bldg., architects. Cost, $250,000.

Plans Being Figured—Bids Close Jan. 18, 12 Noon.

MARKET & OFFICES Cost, $——
SAN FRANCISCO. Columbus Avenue and Green Street.
Two-story and basement market and office building (first floor of reinforced concrete, second floor of steel frame and wood joists.)
Owner—Withheld.
Architect—M. J. Rist, Phelan Bldg.

Plans Being Completed

ALTERATIONS Cost, $70,000
SAN FRANCISCO. Seventh and Daggett Streets.
Alterations and additions to building for offices, etc. (steel frame, concrete floors, new elevator, steel sash, toilet facilities, transite siding on exterior, etc.)
Owner—Glidden Paint Co., 1300 7th St.
Engineer—T. Ronneberg, Crocker Building.

Work Started

ALTERATIONS Cost, $——
BURLINGAME, San Mateo Co., Calif. Broadway and Capuchino.
Alterations to offices.
Owner—American Trust Co., 464 California St., San Francisco.
Plans by Engineering Dept. of Owner.
Plastering—W. Bateman, 1915 Bryant St., San Francisco.
Work is being done under the owner's supervision.

Contract Awarded

BUILDING Cost, $18,000
REDWOOD CITY, San Mateo Co. Cal. 2946 Broadway.
Two-story medico-dental building.
Owner—Redwood City Clinic, Inc.
Architect—Not Given.
Contractor—E. Steinegger, 371 Alameda de las Pulgas, Redwood City

Sub-Contracts Awarded

BANK & STORES Cost, $——
NAPA, Napa Co., Calif. Second and Brown Streets.
One-story concrete store building and alterations and additions to bank building (two entrances, new bank fixtures, marble and bronze; marble floors, new show windows, new steam heating system, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by the Const. Dept. of Owner, 625 Market St., San Francisco.
Contractor—Moore & Roberts, 693 Mission St., San Francisco.
Cement — Calaveras Cement Co., 315 Montgomery St., San Francisco.
Ornamental Iron, Bronze and Structural Stel — McNeill - Steinberg Mfg. Co., 666 Mission Street, San Francisco.
Lumber—Noyes Lumber Co., Napa.
Plumbing and Sheet Metal—Schwartz Company, Napa.
Plastering—S. J. Cinnamond, Napa.

Contract Awarded

ALTERATIONS Cost, $2000
SAN FRANCISCO No. 910 Harrison Street.
Alterations to office and salesroom.
Owner—Electrical Products Corp., 950 30th St., Oakland.
Architect—Not Given.
Contractor — Mullen Manufacturing Co., 60 Rausch St., S. F.

Planned.

BUILDING Cost, $——
SACRAMENTO, Sacramento Co., Cal. No. K Street, bet. 12th and 13th.
New building.
Owner—Carl Koch 3418 L St., Sacramento.
Architect—To Be Selected.

Plans Being Prepared.

MEDICAL-DENTAL BLDG. Cost, $20,000
MERCED, Merced Co., Cal. Nineteenth and M Streets.
One-story frame and stucco medico-dental building (5 dostors' suites) (California style of architecture).
Owner—Dr. Chester A. Moyle, Merced.
Architect—Chas. Butner, 51 Maple St., Salinas.
Bids will be asked about Feb. 1.

Preparing Preliminary Plans.

THEATRE Cost, $50,000
SANTA CRUZ, Santa Cruz Co., Calif. E Pacific Ave. 125 S Soquel St.
Two-story reinforced concrete Class C store (3 stores), 70x100 feet; 10,000 sq. ft. office space.
Owner — Pacific Amusement Co., 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.

ALTERATIONS Cost, $10,598
SAN FRANCISCO. No. 821 Market Street.
Alterations to offices in Pacific Bldg (plumbing, electrical work, removing partitions, install new partitions, painting and mill work
Owner—Home Owners Loan Corp., 640 California St., San Francisco.
Architect—Not Given.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Complete bids follow:
Lindgren & Swinerton.....$10,598
A. F. Mattock..... 12,486
Barrett & Hilp..... 13,326

Contract Awarded

ALTERATIONS Cost, $4,000
SAN FRANCISCO. NE California and Sansome Streets.
Alterations to offices.
Owner—Walton N. Moore Co., Alaska Commercial Building.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina Street.

Contract Awarded.

ALTERATIONS Cost, $8842
OAKLAND, Alameda Co., Cal. No. 470-476 Twelfth Street.
Alterations and additions to building.
Owner—S. W. Schutz Estate Co.
Architect—Edwin T. Foulkes, 357 12th St., Oakland.
Contractor—Wilbur C. Cone, 608 16th St., Oakland.

Planned.

REBUILD PLANT Cost, $65,000
MERCED, Merced Co., Cal.
Rebuild office building (recently destroyed by fire) new silos for storage of cement, etc.
Owner — Yosemite Portland Cement Co. (W. A. McCanless in Charge) Merced.
Plans by Engineering Dept. of Owner.

Plans Completed.

ADDITION Cost, $750,000
PORTLAND, Oregon. No. 2741 NW Vaughn Street.
Nine-story wing addition to store building (181x122 ft.) fireproof construction.
Owner — Montgomery, Ward & Co., Chicago.
Plans by Engineering Dept. of Owner. Bids will be asked shortly.

Contract Awarded.

ALTERATIONS Cost, $5000
EL CERRITO, Contra Costa Co., Cal. Fairmont Avenue.
Alterations and additions to branch bank (remove partitions, new cages, concrete safe.
Owner—Mechanics Bank (Geo. Thornton, Vice President).
Architect—Not Given.
Contractor—Elmer Freethy, 224 16th St., Richmond.

Sub-Contracts Awarded

ALTERATIONS Cost, $10,598
SAN FRANCISCO. 821 Market Street.
Alterations to offices in Pacific Bldg. (plumbing, electrical work removing partitions, install new partitions, painting and mill work.
Owner—Home Owners Loan Corp., 640 California Street.
Architect—Not Given.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Terrazzo Floors—Henry Gervais, 1727 Mission Street.
Glass and Glazing—W. P. Fuller and Co., 301 Mission St.
Marble—Eastman Marble Co., 209 Mississippi Street.
Electric—Chas. Langlais, 472 Tehama.
Cashiers' Grilles — Industrial Ornamental Iron Bronze & Wir cW'ks, 552 Noe Street.
Plumbing—Higgins & Kraus, 741 Tehama Street.
Lathing and Plastering—A. Knowles, 982 Bryant Street.
Painting—Raphael Co., 270 Tehama.
Mill Work—Pacific Mfg. Co. ,454 Montgomery Street.

Contract Awarded.

ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 645 Grant Avenue.
Alterations to store building.
Owner—New England Mutual Life Insurance Co., Flatiron Bldg.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina St., San Francisco.

17— THEATRES

BIDS WANTED—TO CLOSE JAN. 14

SAN BERNARDINO, Cal.—Architect Walter L. Culver, Jr., 20 Fuller Bldg., San Bernardino, is taking bids for a new theater and office building to be erected on Base Line and Stoddard St., San Bernardino, for Dr. J. A. Patterson, 424 Base Line, San Bernardino. The theater will be operated by Studio Theaters, Inc.; Chas. H. Wuerz, president. 17

PREPARING PLANS

KERN COUNTY, Cal. — Jesse W. Bace, Ford City, near Taft, is having plans prepared for a new theatre building he proposes erecting in Ford City. It will have a seating capacity of 500 and will be air conditioned. Cost, $20,000.

Preparing Preliminary Sketches.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. No. 965 Geneva Avenue.
Alterations to Amazon Theatre (work involves decorating, new mezzanine floor, new balcony, wiring, painting, etc.)
Owner—T. & D. Theatres, Inc., 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.

Prparing Preliminary Plans.
ALTERATIONS Cost, $50,000
SAN FRANCISCO. Cole and Haight Streets.
Remodel Haight Theatre.
Owner—Golden State Theatre Co., 25 Taylor St., San Francisco.
Architect—Mark Jorgensen, 321 Bush St., San Francisco.

Preparing Working Drawings.
ALTERATIONS Cost, $20,000
SACRAMENTO, Sacramento Co., Cal. K St. between Fifth and Sixth.
Alterations to Capital Theatre (work involves decorating, new wiring plastering, hot air heating system, air conditioning system, etc.)
Owner—T. & D. Theatres and Fox West Coast Theatres, 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Plans Being Figured.
ALTERATIONS Cost, $30,000
PETALUMA, Sonoma Co., Calif.
Alterations to theatre (work involves changes in foyer, refinish interior. move stage back, etc.)
Owner — T. & D. Theatres, Inc., 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Following will submit bids:
Fred Salih, 25 Taylor St., S. F.
G. P. W. Jensen, 320 Market St., San Francisco.
Vogensen Constr. Co., 100 Washington St., Petaluma.

Foundation Contract Awarded.
THEATRE Cost, $100,000
SANTA CRUZ, Santa Cruz Co., Cal. E Pacific Ave. 200 S Soquel.
Two-story Class C reinforced concrete theatre (71x160 feet) 1500 seats.
Owner — Pacific Amusement Co., 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Foundations and Excavation — Salih Bros., 25 Taylor St., S. F.

Contract Awarded.
ALTERATIONS Cost, $15,000
VISALIA, Tulare Co., Calif.
Alterations to store building for theatre (to seat 650) wood construction, concrete floors, hot air and air conditioning system, electric wiring, etc.
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect — S. Chas. Lee, 2404 W 7th St., Los Angeles.
Contractor—Salih Bros., 25 Taylor St. San Francisco.

Commissioned To Prepare Plans
ALTERATIONS Cost, $——
ALAMEDA, Alameda Co., Calif.
Alterations to Strand Theatre (new lobby, remodel auditorium, marquee new display frames, new chairs, drapes, lighting fixtures, etc.)
Owner—Nasser Bros., 25 Taylor St., San Francisco.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Bids will be asked in about 2 weeks.

Plans Being Prepared.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. No. 3422 Fruitvale Avenue.
Alterations to Dimond Theatre (new front, remodel lobby, new drapes, electric fixtures, etc.)
Owner — Golden State Theatre & Realty Co., 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.

18— WHARVES & DOCKS

January 3, 1936

CONTRACT AWARDED
SAN FRANCISCO. — Kawneer Mfg. Co., 8th and Dwight Way, Berkeley, at $4,197 awarded contract by State Board of Harbor Commissioners for furnishing and installing eleven steel rolling doors for connecting wharf and wharf shed at Piers 24 and 26. Frank G. White, Chief Engineer.

CONTRACT AWARDED
SAN FRANCISCO.—Kinear Manufacturing Co. of California, 361 Brannan St., at $4,197 awarded contract by State Board of Harbor Commissioners for furnishing and installing eleven steel rolling doors for connecting wharf and wharf shed at Piers 24 and 26. Frank G. White, Chief Engineer.

TO ASK BIDS
SANTA CRUZ, Santa Cruz Co., Cal. —Plans and specifications for widening of the municipal wharf are being completed and bids for materials will be asked in the near future. Dan McPhetres, wharfinger.

19—MISC. CONSTRUCTION

PLANS BEING FIGURED
LOS ANGELES, Calif. — Columbia Pictures Corp., 1438 N. Gower Street, is taking bids for a new sound stage to be built at 1438 N. Gower St. It will be a 1-story, wood frame structure, 100x300 ft. in area, with wood roof trusses, wood floors, sound deadening material, structural steel, reinforced concrete foundations, sheet metal work, heating, etc. Cost, $75,000. Plans by owner's architectural department.

Planned.
AIRPORT Cost, $34,000
MARYSVILLE, Yuba Co., Calif.
Improvements at Municipal Airport (steel frame and corrugated iron hangar, 50x80 ft.; cement floor).
Owner—City of Marysville.
Plans by Phil J. Divver, City Engineer, Marysville.

Contracts Awarded.
SWIMMING POOL Cost, $10,000
STOCKTON, San Joaquin Co., Calif. College of the Pacific.
Swimming pool (75x35 ft.) underwater lighting system, heating system, chlorinator, etc.
Owner—College of the Pacific.
Architect—H. G. Bissell, 327 E. Channel St., Stockton.
Engineer—G. W. Gulick, 100 Knoles Way, Stockton.
Contractor—H. W. Johnson, 1229 W. Magnolia St., Stockton, $4490.
Plumbing and Heating — Miller Hays Co., 742 E. Weber St., Stockton. $2068.
Mechanical Equipment — Scott Machinery Co., 960 Folsom St., San Francisco, $2542.
Electric — Eddy Electric Co., 309 E. Weber St., Stockton, $654.
Complete bids published Dec. 23.

BIDS OPENED
SAN FRANCISCO.—Following submitted identical bids at $46.00 to Department of Public Works for installing 85% magnesia pipe covering on boiler heads and steam piping at the Stanyan Police Station:
Jones Brothers Asbestos Company;
Western Asbestos Company;
Asbestos Company of California;
Standard Asbestos Company;
Plant Rubber & Asbestos Works.

CONTRACT AWARDED
NEAR YUMA, Ariz. — Hugh Lockhart and Guy Hall, 435 H. W. Hellman Bldg., Los Angeles, awarded contract at approximately $41,500 for the erection of a group of 28 construction camp buildings at the site of the Imperial dam, located 18 miles northeast of Yuma, for Morrison-Knudsen Construction Co., Utah Const. Company and Winston Bros., contractors for the dam. F. D. Harrington, 435 H. W. Hellman Bldg. Los Angeles, architect.

BIDS WANTED
PORTLAND, Ore.—Until Jan. 21, 3 P. M., bids will be received by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Bid No. 698-36-239, for drydocking cleaning, painting, and repairing the U. S. seagoing hopper dredge Col. P. S. Michie.
Specifications obtainable from above office.

Plans Being Prepared.
GRAND STAND Cost, $110,000
PULLMAN, Washington. State College Campus.
Grand stand (105x390-feet) structural steel roof, frame exterior, built-up roofing, fir flooring, etc.
Owner—State of Washington.
Architect—Stanley A. Smith, Pullman.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED
CARMICHAEL, Sacramento County, Cal.—Western Pipe & Steel Co., 444 Market St., San Francisco, at $1,224 submitted low bid and awarded contract by the Carmichael Irrigation District, Roy W. Sullivan, Secretary, for furnishing 3,600 ft. of 6-in., 14-gauge steel pipe.
The other bids were:
Sacramento Pipe Works.....$1,287
California Corrugated Culv't Co. Berkeley 1,350

CONTRACT AWARDED
OAKLAND, Cal. — W. E. Thomas, 3140 San Pablo Ave., Oakland, at $4070 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Proposal No. LS 162, for electric welding of steel joints on 33,000 feet of 6-in. steel pipe for the distribution system, aggregating about 11,000 lin. ft. of welding.

CONTRACT AWARDED
OAKLAND, Cal. — Johns-Manville Sales Corp., 1605 Jefferson St., Oakland, at $16,002 awarded contract by the East Bay Municipal Utility Dist., John Kimball, Secretary, Oakland, under Proposal No. L.S. 161, for furnishing 16,000 lin. ft. of asbestos cement pipe for the distribution system.

BIDS OPENED
OAKLAND, Cal.—Pacific Steel Corp. 20th and Illinois Sts., San Francisco, at $2121 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Proposal No. 710, for furnishing 472 round rods 1⅛-in. diam., 36

ft. 5 in. long, etc., with 472 turnbuckles.

Complete bids follow:

Pacific Coast Steel Corp., $2121.

Kortick Mfg. Co., $2227.80.

W. R. Ames Co. (including cartage of $97.50), $2393.50.

Payne's Bolt Works, $2596.

Hubbard & Co., $2915.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Following bids received by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Proposal No. 711 for furnishing 140,000 ft. of rough Oregon Pine Lumber f.o.b. Corporation Yard:

Eureka Mill & Lumber Co.	$4840
Hogan Lumber Co.	4840
Bay City Lumber Co.	4950
E. J. Wood Lumber Co.	5035
Melrose Lumber & Supply Co.	5048
Smith Lumber Co.	5170
Sunset Lumber Co.	5280
Oakland Lumber Co.	5610

The bid of Tilden Lumber Co. was irregular and not declared.

BIDS OPENED

WATSONVILLE, Santa Cruz Co., Cal.—Bids for furnishing concrete reinforcement bars under Pro. No. 3420 were opened by the Dept. of Agriculture, Division of Purchases, Sales and Traffic, Dec. 23.

The items were:

(1) 18,400 lbs. round fob Watsonville;
(2) 9200 lbs. square do;
(3) 2000 lbs. round fob Caliente;
(4) 2000 lbs. square do;
(5) 1000 lbs. round do.

The bids were:

Baker, Hamilton & Pacific Co., San Francisco, (1) $3.125; (2) $2.925; (3) $4.10; (4) $3.90; (5) $3.80; ½%.

Central Supply Co., Watsonville, (1) $844.10.

Columbia Steel Co., San Francisco; Ducommun Corp., Los Angeles, and Union Hdw. & Metal Co., Los Angeles, all item (1) $3; (2) $2.80; (3) $4.05 (4) $3.85; (5) $3.75; ½%.

Dunham, Carrigan & Hayden Co., San Francisco; Concrete Engr. Co., Omaha, Neb., and Truscon Steel Co., Washington, all item (1) $844.10; (2) $809.60; (3) $2.08; (4) $148; ½%.

Soule Steel Co., Los Angeles, item (1) $2.975; (2) $2.775; (3) $4 (4) $3.80; (5) $3.70; ½%.

Sheffield Steel Corp., Kansas City, $1.75 cwt. plus 40c, 20c and 10c.

Pacific Coast Steel Co., San Francisco, item (1) $3.125; (2) $2.925; (3) $4.10; (4) $3.90; (5) $2.80; ½%.

CONTRACT AWARDED

BOULDER CITY, Nevada — Union Portland Cement Co., Denver, at $63,960 awarded contract by the Bureau of Reclamation, A. McD. Brooks, Purchasing Agent, Denver, under Bid No. A-23236-A, for furnishing 30,000 bbls. of cement for the Boulder Project.

CONTRACT AWARDED

SAN FRANCISCO—M Greenberg's Sons, 765 Folsom St., at $1638.94 for 6800 lbs. ¾-in. bronze, lead and iron unions; and the Federated Metals Corp., 75 Folsom St., at $987.98 for 7038 lbs. ¾-in. "AA" lead pipe and 4000 lbs. ¾-in. "B" lead pipe, awarded contracts by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1482.

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—Calrock Asphalt Co., 525 Market St., San Francisco, awarded contract by San Jose City Council for furnishing natural rock asph. (Calrock or equal) fob San Jose for the balance of the fiscal year ending Nov. 30, 1936.

Complete bids follow:

(1) 50 tons min. quant. natural rock;
(2) 300 tons min. quant. rock, fluxed or unfluxed;
(3) 1000 tons min. quant. Calrock or equal, fob spur San Jose.

Calrock Co., San Francisco		
(15 ton min.)	(1)	$5.00
(40 ton min.)		4.70
(15 ton min.)	(2)	4.50
(40 ton min.)		4.20
(15 ton min.)	(3)	4.00
(40 ton min.)		3.70
A. J. Raisch, San Jose	(1)	$5.00
	(2)	4.75
	(3)	4.60

BIDS OPENED

SAN JOSE, Santa Clara Co., Cal.—Following bids received by San Jose City Council for furnishing asphalt concrete paving materials for the balance of the fiscal year ending Nov. 30, 1936:

(1) 25 tons min. quant. Type A asphalt concrete (cold plant);
(1a) do (hot plant);
(2) 25 tons min. quant. Type B surface mixture (cold plant);
(2a) do (hot plant);
(3) 25 tons min. quant. Type C surface mixture (cold plant);
(3a) do (hot plant);
(4) hot liquid asphalt in gallon lots;
(5) mineral dust filler in 100 lb. sacks.

A. J. Raisch, San Jose	(1)	$7.00
	(1a)	5.00
	(2)	7.00
	(2a)	5.00
	(3)	7.00
	(3a)	5.50
	(4)	.125
	(5)	.50
Union Paving Co., S. F.	(1)	5.50
	(1a)	5.50
	(2)	5.75
	(2a)	5.75
	(3)	8.00
	(3a)	8.00
	(4)	.10
	(5)	.50

Bids referred to City Engineer.

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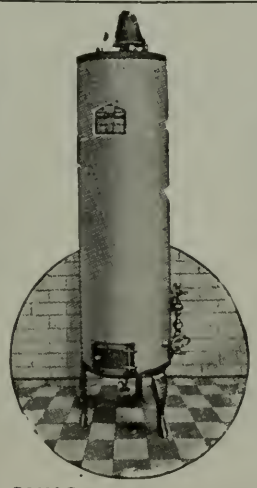

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MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until Jan. 15, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 12794, as follows

REQ. 19646: 2 bulldozers or trailbuilders to be used with "75" tractor; one fob Pulga and one fob Rich;

REQ. 19647: 2 scrapers to be used with "75" tractor; one fob Pulga and one fob Rich.

Specifications obtainable from above office.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Jan. 27, 2 P. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing structural steel radial gates and gate hoists for same; Spec. No. 141. Bids may be submitted under any one or more of four schedules. Schedules 1 and 2 are for furnishing 8 radial gates for wasteways and Schedules 3 and 4 are for furnishing 8 hand operated hoists for these gates. Schedules 1 and 3 are alternative respectively to Schedules 2 and 4. Schedules 1 and 3 provide for delivery at the bidder's plant. Schedules 2 and 4 provide for delivery fob cars at the railheads nearest the job or at the bidder's option for delivery fob trucks at the job. Each proposal must be accompanied by a certified or cashier's check in an amount not less than 10% of the maximum contract payments possible under the proposal. Specifications may be obtained at Room 1007, 306 West 3rd St., upon payment of $2.00 per set, not returnable. F. E. Weymouth, Chief Engineer and General Manager.

LOS ANGELES, Cal.—Until January 20, 2 P. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing 500,000 lbs. of whitewash materials with ingredients pre-mixed or separately packaged, in accordance with Spec. 142, copies of which may be obtained from the office of the engineer, Room 1007, 306 W. 3rd St., upon payment of $2.00 per set, not returnable. Certified or cashier's check for 10%. F. E. Weymouth, general manager and chief engineer.

CANAL ZONE

PANAMA CANAL ZONE — Until January 16, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3116, for furnishing miscellaneous supplies and equipment, including:

Wood turning lathe, band saw, band saw and jointer, metal forkers' crayons, chain links, expansion anchors, hinges, rim latches, drawer locks, wardrobe locks, refrigerator casters, screw hooks, motor starting switches, toggle switches, apparatus cable, stove wire, lighting fixtures, belt lacing, tallow pots, screws, copper tacks, brass washers, varnish brushes, wire brushes, oil stones, lantern globes megaphones, cane webbing, steel conduit, phenolic insulation, rectifiers, disconnect switches, cable, copper wire and air hose.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE. — Until January 27, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3117, for furnishing 20,000 barrels of Portland cement (376 lbs. net per barrel) to be delivered in non-returnable 6-ply multiple-wall paper bags.

Delivery is desired in two lots, the first lot to consist of 10,000 barrels to be delivered about March 18, 1936, and the second lot of the remaining 10,000 barrels to be delivered prior to June 30, 1936.

Specifications obtainable from above office and from the Assistant Purchasing Agent The Panama Canal, Ft. Mason, San Francisco.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until January 13, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland as follows:

BID No. 3111: (1) 1800 ft. ¾-in. water hose; (2) 96 ft. 2½-in. suction hose; f.o.b. bidder's shipping point and/or Government Island.

BID No. 3112: Three water tanks 150-gallon capacity; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Cal.—Until January 13, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3109, for furnishing 100 rooter tooth sockets for various trailbuilder moldboards, and 300 rooter teeth for inserts on various trailbuilder moldboards.

Delivery fob bidder's shipping point and/or Government Island.

Specifications obtainable from above office.

RECLAMATION SERVICE

BOULDER CITY, Nev.—Until Jan. 31, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 759-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City:

(1) 6,850 l.f. 5,000-volt varnished cambric-insulated cable;

(2) 420,000 l.f. 5,000- 1,000- and 600-volt rubber insulated cable;

(3) 3,150 l.f. special insulated cable;

(4) 14,000 l.f. rubber and asbestos insulated cable.

The cable will be installed by the Government in Boulder Power Plant, Boulder Canyon Project.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $.50 not returnable.

DENVER, Colorado—Until February 6, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 664, for furnishing and delivering f.o.b. cars at the shipping point and/or f.o.b. cars at railroad destination four 36-in., two 48-in. two 60-in. and two 84-in. diameter interior or internal differential needle valves for installation in the outlet works at Agency Valley Dam, Vale Project, Oregon; Moon Lake Dam, Moon Lake Project, Utah; Taylor Park Dam, Uncompahgre Project, Colorado; and Seminoe and Alcova Dams, Casper-Alcova Project, Wyo. The valves will be installed by the Government.

Specfications obtainable from the above office without charge to prospective bona fide bidders; to others, $5 not returnable.

STANISLAUS COUNTY

MODESTO, Stanislaus Co., Calif.—Until January 20, 3 P. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th Street, Modesto, for furnishing approximately 3,020 barrels of cement in paper bags, to be delivered fob Warehouse, Woodland Avenue Yard, Modesto.

Specifications obtainable from above office.

MODESTO, Stanislaus Co., Calif.—Until January 20, 3 P. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th Street, Modesto, for furnishing and delivering 1,820 c.y. of sand and 1,220 c.y. of rock for use at nineteen locations along the canals and laterals of the District.

Specifications obtainable from above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D| C., for furnishing miscellaneous supplies and equipment, as follows:

INDICATORS, lamp-type fuse; Mare Island and San Diego. Sch. 6850; Jan. 10.

CONTACT makers, motor operated; Mare Island. Sch. 6865; Jan. 10.

CABLE, electric; Mare Island and Puget Sound. Sch. 6831; Jan. 10.

MACHINE, sheet metal working brake Mare Island. Sch. 6889; Jan. 14.

CABLE, 150 ft. welding, and 4 electric arc welding sets and spares; Mare Island. Sch. 6873; Jan. 14.

GUM, 45,000 lbs. Batavia damar; Mare Island. Sch. 900-9011; Jan. 15.

CABLE, 14,300 ft. brush-holder; Mare Island. Sch. 6906; Jan. 17.

Information obtainable from above office and from Headquarters, 12th Naval Dist., 100 Harrison St., San Francisco.

SACRAMENTO CITY

CARMICHAEL, Sacramento County, Cal.—Until January 20, 7:30 P. M., bids will be received by the Carmichael Irrigation District, Roy W. Sullivan, Secretary, Box 1427, Route 5, Sacramento, for furnishing:

(1) 2,200 l.f. 10-in., 12-gauge, welded steel pipe;

(2) 2,000 l.f. 14-in., 12-gauge, welded steel pipe;

Bids are to be separate for each size pipe, including sales tax, and fob Carmichael; delivery to be made by truck.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

SPOKANE COUNTY, Wash.—Until January 21, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for grading, surfacing, constructing bituminous surface treatment, plant mix type Class F, and a concrete and steel overcrossing on about 0.5 miles of county road (Hardesty Road) N. P. Railway Overcrossing at Parkwater, involving about 10,410 cu. yds. excavation; 17 tons bituminous cement; 2345 cu. yds. concrete; 531,000 lbs. steel reinforcing bars; 387,000 lbs. structural carbon steel; and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

CONTRACT AWARDED

TEHAMA COUNTY, Calif.—N. M Ball Sons Co., P. O. Box 404, Berkeley, at $91,790 awarded contract by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Railroad about one-half mile south of Red Bluff, consisting of two reinforced concrete abutments with steel superstructure and approximately 0.45 mile of roadway to be graded and paved with Portland cement concrete pavement.

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Barrett & Hilp, 918 Harrison St., San Francisco, at $152,897.10 awarded the contract by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Co. at Lafayette Street in Santa Clara.

CONTRACT AWARDED

GRANT COUNTY, Ore.—Tom Lillebo, Reedsport, at $62,818 awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for the construction of a bridge over North Fork of the John Day River and 0.48 mile grading and surfacing on the Long Creek-Monument County Road at Monument.

Bids were opened Nov. 30 and referred to the engineer with power to award contract.

CONTRACT AWARDED

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—James D. Neall, at $922.50 submitted low bid and awarded contract by the South San Francisco City Council for furnishing and driving 41 30-ft. untreated, Douglas Fir piles, and making cut-offs for the bridge to be constructed on Linden Avenue, between Railroad Ave. and the Bayshore line of the Southern Pacific Company, a WPA project.

Complete bids follow:

James D. Neall	$ 922.50
M. B. McGowan, Inc.	963.50
Healy-Tibbitts Constr. Co.	1160.30
Duncanson-Harrelson Co.	1908.55

BIDS WANTED

SHASTA COUNTY, Cal.—Until Jan. 24, 2 P. M., bids will be received by the State Highway Engineer, Public Works Bldg., Sacramento, for borings to be made at the site of the proposed combination highway and railroad bridge over the Pitt River, to be constructed in connection with the Kennett Dam.

The work involves:
(1) 90 active days rental of equipment.
(2) 200 lin. ft. furnishing 6-in. casing
(3) 1000 lin. ft. carbon loss.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS OPENED

GOVERNMENT ISLAND, Cal.—Following bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island Oakland, under Bid No. 3108, for furnishing one 30-foot structural steel beam span, including all steel, bolts for field connections, etc., for Sucker Run Bridge:

Bethlehem Steel Co., $412 fob Alameda.

Independent Iron Works, $477 fob Oakland.

Schrader Iron Works, $490 fob San Francisco.

Golden Gate Iron Works, $486 fob San Francisco.

Judson - Pacific Co., $449 fob San Francisco.

Western Iron Works, $498 fob San Francisco.

Moore Dry Dock Co., $598 fob Oakland.

Herrick Iron Works, $424 fob Oakland.

Bids held under advisement.

BIDS OPENED

GOVERNMENT ISLAND, Cal.—Following bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island Oakland, under Bid No. 3107, for furnishing one 55-ft. struc. steel beam span, including all steel, bolts for field connections, etc., for the South Fork Kaweah River bridge:

Bethlehem Steel Co., $960 fob Alameda.

Independent Iron Works, $1,237 fob Oakland.

Herrick Iron Works, $1,050 fob Oakland.

Golden Gate Iron Works, $1,130 fob San Francisco.

Schrader Iron Works, $1,140 fob San Francisco.

Judson - Pacific Co., $1,086 fob San Francisco.

Moore Dry Dock Co., $1,210 fob Oakland.

Kyle & Co., $985 fob Fresno.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

22—DREDGING, HARBOR WORKS, EXCAVATION

LOW BIDDER

GRESHAM, Oregon—Parker-Schram Co., Couch Bldg., Portland, at $94,115 on concrete, and at $103,917 on clay pipe, submitted low bid to the Gresham City Council, Geo. W. Page, city recorder, for construction of a sanitary sewer system, storm water system and sewage disposal plant.

H. L. Gilbert, 707 Couch Building, Portland, engineer.

BIDS OPENED

SAN DIEGO, Cal.—Bids received by U. S. Treasury Dept., J. W. Knox, State Procurement Officer, 49 Fourth St., San Francisco, under Invitation No. 434 for placing 1,700,000 cu. yds. dredged material in 28th St. recreational area:

(A) San Francisco Bridge Co., 503 Market St., San Francisco, $1475 per day for furnishing 22-inch hydraulic dredge guaranteed capacity 8,000 c.y.;

(B) Standard Dredging Co., 325 Central Bldg., Los Angeles, $1575 per day for furnishing 24-in. hydraulic dredge guaranteed capacity 10,500 cu. yds.

BIDS OPENED

SAN DIEGO, Cal.—Bids received by U. S. Treasury Department, J. W. Knox, State Procurement Officer, 49 Fourth St., San Francisco, under Invitation No. 448 for placing 436,000 cu. yds. dredged material adjacent to U. S. Bulkhead Line between Stations 108 and 182:

Sparkes & McClellan, 23rd and Central, Newport Beach, $435 per day for furnishing 14 - inch hydraulic dredge guaranteed capacity 2,200 cubic yards.

Standard Dredging Co., 325 Central Bldg., Los Angeles, $800 per day for furnishing 18 - inch hydraulic dredge guaranteed capacity 3,600 cu. yds.

CONTRACT AWARDED

SEAL BEACH, Orange Co., Cal.—Rohl-Connolly Co., 4351 Valley Blvd., Los Angeles, at $71,162 submitted low bid and awarded contract (subject to approval by the PWA) by the Seal Beach City Council January 2, for construction of the Anaheim Landing jetty, approximately 1400 ft. in length.

The work involves:
(1) 13,040 tons, Class "A" rock;
(2) 12,700 tons Class "B" rock;
(3) 4,200 tons Class "C" rock.

The bids were:

Rohl-Connolly Co.—(1) $2.30, (2) $2.30, (3) $2.30; total, $71,162.

Merritt-Chapman & Scott, San Pedro—(1) $2.38, (2) $2.28, (3) $2.36; total, $72,283.20.

Shannahan Bros., Los Angeles—(1) $2.58, (2) $2.58, (3) $2.58; total, $79,825.20.

23—IRRIGATION PROJ.

BIDS OPENED

FRENCHTOWN PROJECT, Mont.—Bates & Hale, Missoula, Montana, at $48,329.50 submitted low bid to Bureau of Reclamation, J. W. Taylor, resident engineer, Missoula, under Spec. No. 662, for construction of the di-

version works and structures, Main Canal, Frenchtown Project.

Bids were taken as follows:

SCHEDULE 1—Diversion Works;

SCHEDULE 2—Structures Main Canal Station 1 plus 00 to Station 894 plus 39.5.

Complete bids follow:

Bates & Hale, Missoula: Schedule 1, $22,035; Schedule 2, $26,294.50; total, $48,329.50.

Barnard Curtiss Co., Minneapolis: Schedule 1, $24,487.50; Schedule 2, $27-110.80; total, $51,598.30. Stipulations, all or none.

Nick Burgraff, Inc. and J. W. Brennan, Idaho Falls: Schedule 1, $33,278; Schedule 2, $29,221.20; total $62,499.20.

Bids held under advisement.

The work is located near Missoula, and the principal items of work involved are:

(1) 14,900 c.y. all classes excavation and stripping;
(2) 5,700 c.y. compacted earth fill;
(3) 3,550 c.y. backfill;
(4) 4,770 c.y. rock fills;
(5) 1,140 c.y. riprap;
(6) 770 s.y. dry-rock paving;
(7) 884 c.y. concrete;
(8) placing 72,000 lbs. reinf. bars;
(9) laying 993 l.f. 18- to 36-in. concrete pipe;
(10) laying 926 l.f. of 12- to 24-inch corrugated metal pipe;
(11) erecting 42 MFBM of timber in structures;
(12) erecting 350 l.f. of No. 144 metal flume, and
(13) installing 23,700 lbs. of gates and misc. metalwork.

Work shall be commenced within 30 calendar days and completed within 135 calendar days from date of receipt of notice to proceed.

NO BIDS RECEIVED

TURLOCK, Stanislaus Co., Cal.—No bids were received by the Directors of the Turlock Irrigation District Jan. 6 for concrete lining in the Hudelson Ditch, in the Glendora Colony west of Turlock. The work will probably be readvertised later.

R. V. Meikle, chief engineer.

BIDS WANTED

TURLOCK, Stanislaus Co., Calif.—Until January 14, 2 P. M., bids will be received by Turlock Irrigation District, R. V. Meikle, Chief Engineer, for construction of canal and levee lining in the main canals of the District. Estimated cost, $165,000. The work will be financed in part by a PWA allotment.

Bids will be taken as follows:

SCHEDULE 1.—Installing reinforced concrete headgate at head of tunnel intake above La Grange Dam. (To be done by force account.)

SCHEDULE 1A.—2,200 c.y. rock excavation, enlarging forebay of the La Grange power plant.

SCHEDULE 2.—Removing loose rock in Main Canal below the forebay and excavating a top-wall trench. (To be done by force account.)

SCHEDULE 3.—129,260 sq. ft. 2-in. concrete levee lining, Main Canal above Peasley fill.

SCHEDULE 4.—252,884 sq. ft. concrete levee lining below Owens Reservoir.

SCHEDULE 5. — (1) — 12,450 sq. ft. lining levees, Main Canal above Hickman Bridge;

(2) 60 c.y. concrete deck on bridge.

SCHEDULE 6.—Already contracted and work underway.

SCHEDULE 7.—129,600 sq. ft. levee lining, Turlock main canal, Montpelier Road to Drop No. 4.

SCHEDULE 8.—(1)—185,050 sq. ft. levee lining, Turlock Main Canal, Monte Vista Road to Drop No. 7;

(2) 77.5 c.y. reinf. conc. canal drop.

SCHEDULE 9.—Already contracted and work underway.

SCHEDULE 10.—(1)—37,195 sq. ft. canaling lining, Hanford Ditch; 200 l.f. raising old lining nine inches;

(2) 130,045 sq. ft. canaling lining, Freitas Ditch; 43 c.y. conc. in struc.;

(3) 69,926 sq. ft. canal lining, Shoemake Ditch; 25 c.y. conc. in struc.;

(4) 28,000 sq. ft. canal lining, Holden Ditch; 4 c.y. conc. in structures;

(5) 174,164 sq. ft. canal lining Hughson Ditch; 30 c.y. concrete instruc.; 30 l.f. 42-in. pipe.

Plans and specifications for the work are on file at the office of the Chief Engineer where they may be viewed by prospective bidders.

PERMITS ISSUED

SACRAMENTO, Cal. — Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during December 1935:

4668, Application 8194 (Modoc County) issued to A. J., and Walter Cantrall, Likely, Calif., December 4, for 200 ac. ft. per annum storage from Clear Lake for use for stock watering purposes and irrigation of 340 acres. Est. cost, $100.

4669, App. 8469 (Tehama County), issued to U. S. Lassen National Forest, Susanville, Calif., Dec. 5, for 5000 G.P.D. from Lost Creek Spring for use for recreational purposes.

4670, App. 8475 (Siskiyou County) issued to U. S. Klamath National Forest, Yreka, Calif., Dec. 5, for 16,-000 g.p.d. from an unnamed spring for domestic purposes.

4671, App. 8397 (Nevada County) issued to Jim Consolidated Mining Co., Ltd., Graniteville, Calif., Dec. 5, for 1.25 c.f.s. from Little Canyon Creek for mining and domestic purposes. Est. cost $150.

4672, App. 8464 (El Dorado County) issued to Thomas A. Simpson, King City, Calif., Dec. 10 for 0.5 c.f.s. from Spring Creek for mining and domestic purposes. Est. cost $100.

4673, App. 8219 (Siskiyou County) issued to Alice Livesay, Fort Jones, Calif., Dec. 13, for 2 c.f.s. from Boulder Creek for power purposes. Est. cost, $700.

4674, App. 8357 (Humboldt County) issued to Billie Martin, Weitchpec, Calif., Dec. 13, for 3 c.f.s. from Indian Creek for mining purposs. Est. cost $1000.

4675, App. 8409 (Del Norte County) issued to Francis M. Stump, Crescent City, Calif., Dec. 17, for 0.1 c.f.s. from Rock Creek for domestic purposes and irrigation of 2 acres. Est. cost $200.

4676, App. 8470 (Riverside County) issued to Lewis Ben Bueter, Los Angeles, Calif., Dec. 21, for 1000 gallons per day from an unnamed spring for domestic purposes and irrigation of 8 acres. Est. cost $500.

4677, App. 8449 (Trinity County), issued to Anton Weber, Trinity Alps, Calif., Dec. 21, for 50,000 g.p.d. from Snow Slide Gulch for domestic purposes. Est. cost $150,000.

4678, App. 8459 (Tuolumne County) issued to Peter J. Domick and Nickolos Glumac, Alameda, Calif., Dec. 27, for 0.333 c.f.s. from Jackass Creek for mining purposes. Est. cost $800.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, January 2, under Spec. No. 755-D, for two ventilating duct systems and two motor-driven exhaust fans for the Arizona and Nevada tunnel plug outlet works, and four ventilating duct systems and four motor-driven exhaust fans for the upper and lower Arizona and Nevada penstock tunnels at Boulder Dam.

Bids were taken as follows:

(1) 2 systems;
(2) 4 systems;
(3) 2 fans;
(4) 4 fans.

Complete bids follow:

Andel & Co., Chicago: (1) $2,990; (2) $37,845; (3 and 4) no bids; fob Chicago.

American Blower Corp., Detroit: (1 and 2.. no bids; (3) $395; (4) $2,474; (3 and 4 combined) $2,869; fob Boulder City.

Electric Ventilating & Engr. Co. Inc. New York; (1) $2,280; (2) $20,647; (3) $522; (4) $3,694; (1 and 2 combined) $22,400; systems fob Brooklyn; fans fob Boulder City.

Hendrie & Bolthoff Mfg. and Supply Co., Denver: (1, 2 and 3 no bids; (4) $2,560; fob Boulder City.

Paper, Calmenson & Co., St. Paul: (1) $3,369; (2) $53,724; (1 and 2 combined) $55,593; fob St. Paul.

J. Herman Co., Los Angeles (1) $1,210; (2) $27,700; fob Los Angeles.

Consolidated Steel Corp., Ltd., Los Angeles: (1) $1,687; (2) $32,625; (3) $825; (4) $3,989; fob Los Angeles.

Rees Blow Pipe Mfg. Co., Inc., Los Angeles: (1) $1,500 fob L. A.; (2) $21,-995 fob L. A.; (1 and 2 combined) $23-395 fob L. A.; (3) $768 fob Berkeley; (1, 2 and 4 combined) $25,895 fob Berkeley; (4) $2,450 fob Boulder City, (1 2, 3 and 4 combined) $26,645 fob Boulder City.

B. F. Sturtevant Co., Inc., Kansas City, Mo.: (1, 2 and 3) no bids; (4) $2,450 fob Boulder City.

Calarage Fan Co., Kalamazoo, Mich. (1, 2 and 3) no bids; (4) $2,805 fob Boulder City.

CONTRACTS AWARDED

CASPER, Wyoming—Contracts for furnishing transformers and electrical equipment for dragline stations at the Casper Alcova Project, have been awarded by the Bureau of Reclamation, Denver, under Spec. No. 740-D, as follows:

(1) 12 100 kv-a. transformers;
(1-alt.) 12 100 kv-a. transformers with full capacity taps;
(2) 4 69 kv. lighting arrestors;
(3) 12 4kv. lighting arresters;
(4) 4 69 kv. air-break switches;
(5) 1 69-kv. air-break switch;
(6) 12 69-kv. expulsion fuses;
(7) 4 outdoor switching and metering units.
(1-alt.) Pennsylvania Transformer Co. Pittsburgh, $19,386; f.o.b. Casper, net.
(2) General Electric Co., Schnectady, N. Y., $7496.62; f.o.b. Casper; net.
(3) General Electric Co., Schnectady, $68.88.
(4, 5 and 6) Johnson Mfg. Co., Atlanta, $3300; f.o.b. Casper; net.
(7) Kelman Elec. & Mfg. Co., Los Angeles, $4575; f.o.b. Casper; net.

28 — FIRE EQUIPMENT

January 8, 1936

CONTRACT AWARDED

SACRAMENTO, Calif. — Seagrave Corp., at $13,800 awarded contract by the Sacramento City Council for furnishing a new 1,000-gallon pumping engine for the Fire Department.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

SONORA, Tuolumne Co., Calif.—N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $12,572 awarded contract (subject to PWA approval) by the Sonora City Council for street paving.

Complete bids published Dec. 24.

Robt. Thom, City Engineer. PWA has allotted a frant of 45% of the total estimated cost,. 29

LOW BIDDER

NAVAJO COUNTY, Arizona — Lee Moor, Bassett Tower Bldg., El Paso Texas, at $107,856 submitted low bid to the Arizona State Highway Commission, Phoenix, January 3, for highway construction on the Hilbrook-St. Johns Highway, WPH 42; A.F.E. 262. The work, which is to begin at about six miles southwest of Holbrook and extend easterly approximately 9.6 miles, consist of grading, draining and surfacing with select material, and is to be completed on or before September 30, 1936. The principal items are:

15,800 c.y. rdwy. excav.;
4,900 c.y. drainage excav.;
750 c.y. struc. excav.;
32,700 sta. yds. overhaul;
134,500 c.y. imported borrow;
67,900 c.y. mi. imported borrow;
44,400 c.y. select material, CIP;
470 c.y. Class A concrete;
41,400 lbs. reinf. steel;
988 l.f. CMP (3 sizes);
11,000 l.f. grader ditches;
450 M. gals. sprinkling;
400 hours rolling;
1,000 sq. yds. salvaging and relaying old oil mix and ABC.

BIDS REJECTED

LOS ANGELES COUNTY, Cal.—All bids received by the Division of Highways, S. V. Courtelyou, District Engineer, Los Angeles, December 16 for 0.2 mile paving with asphalt concrete on Los Feliz Road in the City of Glendale bet. San Fernando and Southern Pacific Railroad, have been rejected by the State Highway Commission, Sacramento.

P. K. Akmadzich, 3028 Gilroy Street, Los Angeles, at $10,887 submitted low bid.

BIDS REJECTED

LOS ANGELES COUNTY, Cal.—All bids received by the State Highway Engineer, Los Angeles, December 5, for about 3.7 miles grading in Sepulveda Blvd., Los Angeles, between San Fernando Road and Brand Blvd., have been rejected by the State Highway Commission at Sacramento, and the work will be readvertised.

J. L. McClain, 5850 Brynhurst Ave., Los Angeles, at $555,334 submitted low bid.

NOTICE TO CONTRACTORS

SNOHOMISH CO., Wash.—The Bureau of Public Roads contemplates the advertisement for bids for the clearing of approximately 3.724 miles of the South Fork Stillaguamish Highway in Snohomish County, beginning at the east end of the present grading contract (Sta. 306 plus 79) and extending eastward to Sta. 503 plus 00. The contract involves 40 acres of clearing only and will be designated Project 7-D; $20,000 are available for the improvement. Preparation of certain phases of the special provisions may delay this advertisement until too late to examine the project in the field and in order that interested contractors may be in a position to submit bids, they are advised to examine the project at this time. Information regarding plans, etc., may be obtained at the office of the Bureau of Public Roads, 316 New Postoffice Bldg., Portland. The project is located approximately 13 miles east of the town of Granite Falls, Wash. W. H. Lynch, District Engineer.

CONTRACT AWARDED

NAPA COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $67,523.50 awarded contract by the State Highway Commission, Sacramento, for about 6.3 miles grading and constructing a bridge in Napa County between St. Helena and Larkmead Station.

SAN JOAQUIN COUNTY—Potato Slough Bridge—(State)

SAN JOAQUIN COUNTY, Calif.—Bodenhamer Constr. Co., Box 67, Oakland, at $171,869.25 submitted low bid to the State Highway Commission, Sacramento, for about 0.25 mile grading and surfacing with road-mix surfacing and constructing a steel truss swing bridge across Potato Slough on the Lodi-Isleton Road. The span will be installed on a central concrete pier supported on a timber pile foundation; main span will be 287 ft. 3½-in. in length and will provide a 24-ft. clear roadway and 3-ft. sidewalks on each side. The contract includes mechanical and electrical installation.

The work involves:

(1) 200 M. gals. water;
(2) 300 c.y. rdwy. excav., unclass.;
(3) 885 c.y. structure excavation;
(4) 150 c.y. ditch and channel excav.
(5) 42,000 c.y. imported borrow;
(6) 17 sta. finishing rdwy.;
(7) 303 c.y. salvaged surfacing;
(8) 900 tons crush. gravel or stone base;
(9) 6.5 tons liquid asph. SC-2 (prime coat);
(10) 845 tons mineral aggregate (road mix surfacing);
(11) 43 tons liquid asphalt ROMC-3 or ROMC-4;
(12) 21,000 lbs. bar reinf. steel;
(13) 484 c.y. Class A Portland cement concrete (struc.);
(14) 415 c.y. do (footing blocks);
(15) 600,000 lbs. struc. steel;
(16) 242 MFBM Douglas fir timber;
(17) 11 MFBM dense, select, all heart structural redwood;
(18) 5 MFBM select, all heart, structural redwood;
(19) 18,500 l.f. furnishing Douglas fir piling;
(20) 2,900 l.f. furnishing redwood do;
(21) 441 each driving timber piles;
(22) 150 c.y. gravel (backfill);
(23) 85,000 lbs. machinery;
(24) 1 only operator's house;
(25) 1 lot electrical equipment;
(26) 1 lot traffic gates;
(27) 1 lot misc. bridge items;
(28) 34 l.f. 12-in. CMP;
(29) 54 l.f. 18-in. CMP;
(30) 160 l.f. laminated guard railing;
(31) 160 each guide posts;
(32) 0.11 mile new property fence;
(33) 0.04 mile moving and resetting property fences;
(34) 11 each monuments.

Total bids follow:

(A) Bodenhamer Constr. Co., Oakland, $171,869.25.
(B) E. T. Lesure, Oakland, $176,447.
(C) Lord and Bishop, Sacramento, $176,932.
(D) M. B. McGowan, Inc., San Francisco, and C. W. Caletti, San Rafael, $197,935.50.
(E) George G. Pollock Co., Sacramento, $210,240.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 2.00	$ 1.50	$ 2.00	$ 1.00	$ 2.00
(2)	.50	1.00	.60	1.00	1.50
(3)	9.00	9.00	7.00	30.00	8.00
(4)	.50	2.50	1.50	4.00	3.00
(5)	.40	.40	.65	.60	.75
(6)	10.00	15.00	10.00	10.00	20.00
(7)	.75	2.00	1.50	1.00	2.50
(8)	1.75	3.34	1.70	2.00	4.00
(9)	20.00	19.00	20.00	20.00	35.00
(10)	2.00	3.00	2.50	2.50	5.00
(11)	20.00	20.00	28.00	20.00	35.00
(12)	.06	.06	.05	.05	.05
(13)	20.00	25.00	22.00	30.00	42.00
(14)	20.00	24.00	20.00	20.00	37.00
(15)	.08	.08	.074	.075	.072
(16)	90.00	73.00	70.00	46.00	95.00
(17)	125.00	105.00	100.00	150.00	130.00
(18)	125.00	100.00	100.00	150.00	135.00
(19)	.25	.25	.35	.20	.23
(20)	.60	.56	.60	.50	.55
(21)	20.00	12.00	15.00	20.00	11.00
(22)	2.00	3.50	3.00	.50	3.00
(23)	.25	.26	.27	.33	.28
(24)	500.00	2,000.00	1,000.00	2,000.00	2,500.00
(25)	11,000.00	12,118.00	12,000.00	9,250.00	14,000.00
(26)	900.00	1,060.00	1,000.00	1,000.00	1,000.00
(27)	1,000.00	2,400.00	1,000.00	2,199.00	1,150.00
(28)	1.00	2.00	1.50	2.00	2.00
(29)	2.00	3.50	2.00	2.00	3.00
(30)	1.50	1.50	1.25	1.00	2.00
(31)	1.00	2.00	2.50	2.00	2.50
(32)	700.00	500.00	500.00	500.00	120.00
(33)	500.00	500.00	400.00	500.00	80.00
(34)	3.00	4.00	3.00	3.00	10.00

SAN FRANCISCO — FIRE CISTERNS — (CITY)

SAN FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at $17,976.50 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,872, for construction of three reinforced concrete first cisterns, Group 1, in connection with A.W.S.S. for fire protection.

(1) One 75,000-gal. reinforced concrete cistern at Pine Street and Van Ness Avenue.
(2) One do at Post St. and Van Ness Avenue;
(3) One do at Ellis St. and Van Ness Avenue;
(4) 84 c.y. excavation and backfill, test trenches;
(5) 217 sq. ft. repaving test trenches.

Total bids follow:

(A) Sibley Grading & Teaming Co., $17,976.50.
(B) C. C. W. & H. H. Haun, $18,731.10
(C) MacDonald & Kahn Co., Ltd., $19,269.40.
(D) Mills Const. Co., $20,159.25.
(E) W. J. Tobin, Oakland, $24,729.95.
(F) Chas. L. Harney, $25,391.10.

All bidders of San Francisco unless otherwise noted.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$5900.00	$6180.00	$6400.00	$6645.00	$8190.00	$8400.00
(2)	5900.00	6180.00	6400.00	6645.00	8190.00	8400.00
(3)	5900.00	6180.00	6400.00	6645.00	8190.00	8400.00
(4)	2.00	1.50	1.50	2.00	1.00	1.50
(5)	.50	.30	.20	.25	.35	.30

BIDS WANTED

INYO COUNTY, Cal.—Until Jan. 29, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 7.3 miles grading and surfacing with road-mix surfacing in Inyo County between Big Pine and Keough Hot Springs.

The work involves

(1) 80 acres clearing and grubbing right of way;
(2) 5,460 M. gals. water;
(3) 59,000 c.y. rdwy. excav., unclass.;
(4) 403,000 sta. yds. overhaul;
(5) 77,500 c.y. imported borrow;
(6) 1,800 c.y. ditch and channel excavation;
(7) 1,700 c.y. struc. excav.;
(8) 390 sta. finishing roadway;
(9) 200 tons liquid asph. SC-2 (prime coat);
(10) 15,500 tons mineral aggregate (road-mix surfacing);
(11) 860 tons liquid asphalt SC-3 (road mix surfacing);
(12) 8 miles preparing, mixing, shaping roadbed (road-mix surfacing);
(13) 110 tons liquid asph. SC-3 (shoulders);
(14) 80 tons liquid asphalt MC-3 (seal coat);
(15) 485 tons sand (seal coat);
(16) 5,400 l.f. paved gutters;
(17) 2,300 lbs. bar reinf. steel (struc.)
(18) 54 c.y. Class A Portland cement concrete (structures);
(19) 138 l.f. 8-in. CMP;
(20) 44 l.f. 18-in. CMP;
(21) 1,514 l.f. 24-in. CMP;
(22) 48 l.f. 48-in. CMP;
(23) 44 l.f. 72-in. CMP;
(24) 146 l.f. cleaning and relaying C M P culverts;
(25) 249 l.f. cleaning and salvaging C M P culverts;
(26) 15 each spillway assemblies;
(27) 10 each headwalls removed and disposed of;
(28) 0.72 mile removing and disposing of property fences;
(29) 14.03 miles new property fences;
(30) 9 each drive gates;
(31) 2 each walk gates;
(32) 15 each removing and resetting timber guide posts;
(33) 20 each guide posts;
(34) 31 each culvert markers;
(35) 73 each monuments complete in place;
(36) 1,800 l.f. 1½-in. galv. iron water pipe line.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Bishop.

BIDS RETURNED UNOPENED

MOHAVE COUNTY, Arizona — All bids received by the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, December 17, for placing bituminous treated surfacing on Sections A, B, C, D and E of Federal Lands Highway Project No. 2, the Kingman-Boulder Dam Highway, a length of 25.277 miles, and the bids for furnishing liquid asphaltic road materials for use on the above project, have been returned unopened.

The work will be done by the State of Arizona, who will issue a call for bids in the near future. •

BIDS WANTED

SUTTER COUNTY, Cal. — Until January 20, 10:30 A. M., bids will be received by the Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for about 0.1 mile grading and paving with Portland cement concrete, and constructing curbs and gutters in Yuba City, on Plumas Street, between Bridge St. and Scott St.

Plans and specifications obtainable from the above office. •

EL CENTRO — SEWAGE SYSTEM — (CITY)

EL CENTRO, Imperial Co., Cal.—A. & B. Construction Co., 912 So. Atlantic Blvd., Hynes, Calif., at $249,097 submitted low bid to the El Centro City Council, December 30, for construction of a sewage pumping plant and outfall sewer emptying into the New River, about 35,000 lin. ft. from plant to discharge point. Plans for the project were prepared by Koebig & Koebig, Rowan Bldg., Los Angeles, consulting engineers, and Phil W. Knight, City Engineer, El Centro. The work will be financed by a bond issue of $280,000 voted October 30 and a PWA grant of $130,909.

The bids were referred to the City Engineer and the Consulting Engineers for checking and report January 9.

The work involves:

(1) 14,000 lin. ft. 27-in. vit. clay pipe, extra strength:
(2) 21,000 lin. ft. 27-in. vit. clay pipe standard strength;
(3) 3970 lin. ft. 15-in. vit. clay. standard strength;
(4) 570 ft. 18-in. C. I. pipe, fittings, etc.;
(5) 2855 ft. 4-in. C. I. pipe, class 150;
(6) 59 manholes, 6-ft. diam., brick;
(7) 13 manholes, 5-ft. diam., brick;
(8) 11 manholes, 4½-ft. diam., brick
(9) Pumping plant, complete;
(10) Fence around pumping plant;
(11) Signal system from water plant to sewage plant (10,000 lin. ft. distance); 50,000 lin. ft. 8-ga. wire cross-arms, insulators, signal lights, switches, and fittings.

Miscellaneous quantities not bid as separate items include:

2,000 cu. yds. excavation;
352 cu. yds. concrete;
35,000 lbs. reinf. steel;
14.67 M.B.M. form lumber;
2.5 M.B.M lumber for plant building framing;
2.0 M.B.M. piling lumber;
340 sq. yds. metal lath and plaster;
1,100 sq. ft. composition shingles;

Miscellaneous extras such as hardware, electrical, etc.:

1 600 G. P. M. motor driven pump
1 900 G. P. M. motor driven pump
1 1200 G. P. M. motor driven pump;
1 150 G. P. M. motor driven pump
1 2800 G. P. M. pump to be installed (furnished by city).

The total bids were:

(A) A. & B. Constr. Co., Hynes, $249,097.
(B) Gogo & Rados and J. L. Kruly, Los Angeles, $265,939.50.
(C) Marko Matick, Los Angeles, $272,669.90.
(D) Frank Doran, San Diego, $285,022.50.
(E) Daley Corp., San Diego, $289,921.
(F) Drainage Constr. Co., Lynwood, $293,294.
(G) J. C. Hickey, Alhambra, $296,445.90.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)....	$ 5.70	$ 6.14	$ 6.33	$ 6.50	$ 7.10	$ 7.30	$ 7.00
(2)....	5.40	5.75	5.92	6.00	5.80	6.20	6.00
(3)....	2.25	2.00	2.67	3.50	2.75	3.00	2.80
(4)....	8.00	5.00	8.50	6.50	10.00	7.20	5.50
(5)....	1.00	.90	1.00	1.50	1.25	1.10	1.38
(6)...	115.00	140.00	140.00	200.00	195.00	215.00	225.00
(7)....	105.00	130.00	80.00	130.00	115.00	115.00	120.00
(8) .	100.00	120.00	80.00	150.00	185.00	110.00	120.00
(9)....	26,500.00	30,000.00	29,700.00	28,000.00	30,000.00	23,000.00	34,500.00
(10)....	500.00	1,000.00	570.00	1,000.00	500.00	850.00	600.00
(11)...	3,500.00	3,600.00	980.00	2,000.00	3,000.00	2,500.00	3,000.00

SAN FRANCISCO—12-IN. & 16-IN. FEEDER MAINS—City

SAN FRANCISCO—Lowrie Paving Co., Inc., 1540 16th St., at $58,375.30 submitted low bid to the Pubtlic Utilities Commission, City Hall, under Spec. No. W.D. 58, for laying 12- and 16-in. feeder mains in the Central part of San Francisco.

The work involves:

(1) 850 roundabout cuts, removal of balls and sockets from 16-inch wrought iron submarine pipe;
(2) 6,700 l.f. cleaning of 16-in. wrought iron pipe;
(3) 6,700 l.f. dipping 16-in. do;
(4a) 21,130 l.f. excavation and backfill for 12-in. pipe trench, 24x44-in.;
(4b) 7,000 l.f. excavation and backfill for 16-in. pipe trench, 30x48-in.;
(5) 1,000 c.y. additional excavation and backfill;
(6) 1,900 sq. ft. additional pavement removal and replacement;
(7a) 21,130 l.f. installation of 12-inch bell and spigot cast iron pipe;
(7b) 400 l.f. installation of 16-in. do;
(7c) 6,600 l.f. installation of 16-inch wrought iron pipe;
(8) 92,640 lbs. installation of fittings, etc.;
(9a) 7,700 l.f. making joints for pipe and fittings, 12- and 16-in. cast iron B&S;
(9b) 530 joints, making joints for pipe and fittings, 16-in. wrought iron, complete;
(10) 68,800 sq. ft. repavement.

Total bids follow:

(A) Lowrie Paving Co., $58,375.30.
(B) Eaton & Smith, $64,264.50.
(C) E. J. Treacy, $64,576.10.
(D) W. J. Tobin, $66,846.20.
(E) Fay Improvement Co., $67,159.10.
(F) MacDonald & Kahn Co., Ltd., $67,753.40.
(G) R. B. McNair and H. Gould, Oakland, $73,410.20.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	$1.25	$1.07	$ .90	$1.00	$ .97	$ 1.00	$ .85
(2).....	.70	.52	.50	.55	.65	.50	.66
(3).....	.27	.28	.20	.20	.20	.30	.16
(4a).....	.55	.94	1.05	-.85	.76	1.00	1.00
(4b).....	.70	1.00	1.00	1.60	.76	1.30	1.75
(5).....	.50	1.25	.80	1.75	1.50	1.00	1.50
(6).....	.30	.29	.30	.30	.30	.30	.30
(7a).....	.15	.16	.26	.15	.25	.30	.25
(7b).....	22	.25	.285	.22	.20	.40	.30
(7c).....	.22	.07	.30	.22	.20	.40	.20
(8).....	.02	.03	.02	.03	.0475	.01	.03
(9a).....	.30	.31	.28	.30	.38	.30	.30
(9b).....	7.00	8.80	8.00	6.00	8.95	12.00	8.40
(10).....	.30	.226	.185	.24	.268	.16	.225

BIDS REJECTED

MENDOCINO COUNTY, Calif.—All bids received by the State Highway Commission, Sacramento, Dec. 18, for about 14.5 miles grading in Mendocino County between Longvale and Dos Rios, have been rejected and the work will be readvertised.

Hemstreet & Bell, 501 11th St., P. O. Box 550, Marysville, submitted low bid at $322,940.

CONTRACT AWARDED

KINGS COUNTY, Cal.—L. F. Piazza, 296 N Sixth St., San Jose, at $18,-127.75 awarded contract by the State Highway Commission, Sacramento for grading shoulders on about 6.3 miles in Kings County between two miles south of Lemoore and 1½ miles east of Stratford.

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until January 29, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 14.5 miles grading in Mendocino County between Longvale and Dos Rios.

The work involves:

(1) 70 acres clearing and grubbing right of way;
(2) 325,000 c.y. rdwy. excav., unclass.
(3) 480,000 sta. yds. overhaul;
(4) 2,650 c.y. struc. excav.;
(5) 765 sta. finishing rdwy.;
(6) 3,000 l.f. round timber;
(7) 14 MFBM redwood timber, select, all-heart, struc. grade;
(8) 2,750 l.f. 12-in. CMP;
(9) 2,050 l.f. 15-in. CMP;
(10) 780 l.f. 18-in. CMP;
(11) 980 l.f. 24-in. CMP;
(12) 310 l.f. 30-in. CMP;
(13) 600 l.f. 36-in. CMP;
(14) 3,250 l.f. timber surface culverts.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Eureka.

Bids on this project were previously opened Dec. 18 at which time Hemstreet & Bell, Marysville, submitted low bid at $322,940.

LOW BIDDER

MENDOCINO COUNTY, Cal.—Helwig Const. Co., 115 S. Main St., Sebastopol, at $5,688 submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for about 0.2 mile widening existing highway and surfacing with river-run gravel, placing corrugated metal culverts and drop inlets, in Mendocino County near Lane's Redwood Flat.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until January 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 3.7 miles widening and surfacing with asphalt concrete in Los Angeles County between Traffic Circle and Los Angeles Street.

The work involves

(1) 330 M. gals. water;
(2) 8,200 c.y. rdwy. excav., unclass.;
(3) 3,600 c.y. subgrade blending material;
(4) 19,100 sq. yds. subgrade blending;
(5) 21,750 sq. yds. preparing subgrade
(6) 196 sta. finishing rdwy.;
(7) 245 tons mineral agregate (plant-mixed surfacing);
(8) 15 tons liquid asphalt MC - 5 or MC extra heavy (plant - mixed surfacing);
(9) 2 tons liquid asphalt MC-2 (prime coat);
(10) 21,750 sq. yds. preparing, mixing and shaping shoulders;
(11) 22 tons liquid asph. SC-2 (shoulder prime coat);
(12) 135 tons do (shoulders);
(13) 25 tons liquid asph. 90-95 (shoulder seal coat);
(14) 275 tons screenings (shoulder seal coat);
(15) 6,900 tons asphalt concrete (base and leveling courses);
(16) 2,500 tons asphalt concrete (surface course).

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

STATE OF WASHINGTON—Until January 21, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Douglas County: Grading and surfacing about 1.0 miles of county road (Farmer - Withrow Road), Farmer North, involving about 13,500 cubic yards of excavation, 2800 cu. yds. of crushed stone surfacing, 249 lineal feet of pipe culverts and other items.

Kitsap County: Clearing, grading and surfacing about 1.7 mile of county road (Suquamish-Millers Bay Rd.) Suquamish North, involving about 1 acre of clearing, 25,150 cu. yds. of excavation, 4270 cu. yds. of crushed stone surfacing, 627 lin. ft. of pipe culverts and other items.

Chelan County: Constructing a bituminous surface treatment Road Mix Type Class "B" and a bituminous retread surface on about 4.2 miles of city streets in the City of Wenatchee, involving about 573 tons of bituminous cement and other items; also a City Project constructing light bituminous surface treatment on about 10.3 miles of city streets, in the City of Wenatchee, involving about 676 tons of bituminous cement and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

BIDS WANTED

MARICOPA COUNTY, Ariz.—Until January 24, 2:00 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on Phoenix - Yuma Highway, WPGH 46-B and WPGH 46-C, AFE 8073. The work, which extends from the west end of the Coldwater bridge (about 15 miles west of Phoenix) southwesterly over a new highway location about 8.8 miles in length, consists of grading, draining and furnishing and placing of A. B. C. and cutback oil cake (road or plant mix) and is to be completed on or before Dec. 15, 1936.

The work involves:

12,100 c.y. roadway excav.;
46,800 c.y. drainage excav.;
1,100 c.y. structure excav.;
154,500 c.y. imported borrow;
359,400 c.y. mi. imported borrow haul;
28,200 tons aggregate base course (C I P);
873 c.y. Class A concrete;
92,300 lbs. reinf. steel;
98,400 lbs. structural steel;
1,366 l.f. C M pipe (various sizes);
4,050 l.f. road guard;
59,300 l.f. line fence;
1,165 sq. yds. removal of conc. pave.
1,500 l.f. steel piles (H columns);
50 each driving piles (steel H columns);
14,400 tons mineral aggregate;
838 tons cutback asphalt;
8.75 miles processing road-mix;
1,400 tons screenings;
843 M. gals. sprinkling;
375 hours rolling;
1,050 sq. yds. removing and stockpiling oil cake.

ALTERNATIVE ITEMS

14,400 tons plant mix;
717 tons cutback asphalt;
8.75 miles placing plant mix.

Funds in the amount of $238,000 have been programmed for the construction of this project. T. S. O'Connell, State Highway Engineer.

CONTRACT AWARDED

LANE COUNTY, Ore.—Itschner and Rigdon, Barlow, at $89,142 awarded contract by the Oregon State Highway Commission, Portland, R. H. Baldock, State Highway Engineer, for six miles of grading on Awbrey-Eugene Section of Junction City-Eugene Secondary Highway. Bids were opened Nov. 30 and referred to the engineer with power to award contract.

CONTRACT AWARDED

JOSEPHINE COUNTY, Ore.—E. C. Hall, Eugene, at $38,362 awarded contract by the Oregon State Highway Directors, R. H. Baldock, State Highway Engineer, Portland, for 2.09 miles grading, surfacing, and oil mat surface treatment on Gray's Creek-Powers Ranch Section of Williams Secondary Highway.

Bids were opened Nov. 30 and referred to the engineer with power to award contract.

BIDS WANTED

MOHAVE COUNTY, Arizona—Until January 24, 2:30 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on Ashfork - Kingman Highway, WPGH 118 - A, AFE 6638. The work, which is located about 35 miles northeast of Kingman, consists of grading, draining and furnishing and placing of aggregate base course over a new highway location about 2.1 miles in length and is to be completed on or before Feb. 15, 1937.

The work involves:

3,000 c.y. stripping pits;
101,500 c.y. roadway excavation;
3,900 c.y. drainage excavation;
20,200 c.y. slides and overbreakage;
300 c.y. structure excavation;
24,900 sta. yds. overhaul;
3,300 c.y. mi. haul;
4,500 c.y. imported borrow;
1,500 c.y. mi. imported borrow haul;
14,200 tons A. B. C. (CIP);
221 c.y. Class A concrete;
29,600 lbs. reinf. steel;
62,300 lbs. structural steel;
780 l.f. steel piles (H columns);
26 each driving piles (steel H columns);
914 l.f. C M pipe (3 sizes);
7,152 l.f. road guard;
14,000 l.f. line fence;
350 M. gals. sprinkling;
350 hours rolling;
365 l.f. rail bank protection.

Funds in the amount of $235,000 have been programmed for the construction of this project. T. S. O'Connell, State Highway Engineer.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until January 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 3.3 miles grading in San Diego County on Palomar Mountain Road between Iron Spring Creek and the Observatory Site.

The work involves:

(1) 173 sta. clear and grub right-of-way;
(2) 500 M. gals. water;
(3) 138,500 cu. yds. rdwy. excav. unclass.;
(4) 132,500 sta. yds. overhaul;
(5) 1650 cu. yds. struc. excav.;
(6) 10,000 cu. yds. importd selected material;
(7) 173 sta. finishing roadway;

(8) 1486 lin. ft. 18-in. CMP;
(9) 512 lin. ft. 24-in. CMP;
(10) 116 lin. ft. 30-in. CMP;
(11) 370 lin. ft. 36-in. CMP;
(12) 128 lin. ft. 48-in. CMP;
(13) 68 lin. ft. 8-in. perf. metal pipe underdrains;
(14) 120 lin. ft. 75-in. multi-plate CMP
(15) 60 cu. yds. rubble masonry;
(16) 0.3 mile remove exist. fences;
(17) 1050 each border stones.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Diego.

Bids on this project were previously opened December 6, at which time the Daley Corp., San Diego, submitted the lowest bid at $329,813.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $1360 awarded contract by the Bureau of Public Roads, San Francisco, for placing surfacing on a driveway and parking lot at Government Island, Alameda County.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until January 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 0.6 mi. grading and paving with asphalt concrete in Los Angeles Co. through Sunland, between Fenwick St. and Scoville Avenue.

The work involves

(1) 34 stations clearing and grubbing right of way;
(2) 200 M. gallons water;
(3) 4,500 c.y. rdwy. excav., unclass.;
(4) 10,500 sta. yds. overhaul;
(5) 2,500 c.y. imported borrow;
(6) 800 c.y. struc. excavation;
(7) 5,200 sq. yds. subgrade for pave.;
(8) 34 sta. finishing rdwy.;
(9) 725 tons mineral aggregate (plant mixed surfacing);
(10) 40 tons liquid asphalt MC-5 or MC extra heavy (plant - mixed surfacing);
(11) 6 tons liquid asphalt MC-2 (prime coat);
(12) 11,000 sq. yds. preparing, mixing and shaping shoulders;
(13) 140 tons liquid asph. SC-2 (shoulders);
(14) 12 tons do (shoulder prime coat);
(15) 12 tons liquid asph. 90-95 (shoulder seal coat);
(16) 140 tons screenings (do);
(17) 4,200 tons asphalt concrete;
(18) 14,000 lbs. bar reinf. steel (struc.)
(19) 200 c.y. Class A Portland cement concrete (struc.);
(20) 100 l.f. 18-in. CMP;
(21) 110 l.f. removing and salvaging existing culvert pipe;
(22) 650 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks);
(23) 6,500 sq. yds. asph. paint binder;
(24) 7,000 pounds misc. iron and steel (struc.);
(25) 9,500 lbs. steel rail assemblies;
(26) 700 l.f. curb armor;
(27) 310 c.y. removing and disposing of existing concrete.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

30—RESERVOIRS & DAMS

PLANNED

PHOENIX, Arizona—The Salt River Valley Water Users' Assn. on Dec. 28 approved by a vote of approximately 8 to 1, a proposal for the construction of a $6,000,000 dam and improvements on the Verde River, to provide additional water supply for the irrigation of district lands. The project will be constructed by the Bureau of Reclamation.

GEOLOGIST RETAINED

SANTA BARBARA, Calif.—City of Santa Barbara has employed Dr. John P. Buwalda, geologist, of Pasadena, to report on the suitability of the Sheffield Reservoir site for the proposed dam and reservoir enlargement project and for the filtration plant. The city will spend $200,000 on the former and $160,000 on the latter. Ordinances authorizing the issuance of bonds have passed the first reading before the city council. Plans are being prepared by Quinton, Code & Hill and Leeds & Barnard, 601 W 5th St., Los Angeles, consulting engineers. Bonds in the sum of $348,180 were voted Oct. 8 as the city's contribution to procure a $331,420 Federal PWA allocation. The total expenditure of $679,600, however, included three minor projects and a WPA water distribution system. The four major projects are:

Sheffield Dam and Reservoir, PWA: Estimated cost, $202,500; federal grant $91,125; city, $111,375.

Filtration Plant, PWA Project: Estimated cost, $160,000; federal grant, $72,000; city's share, $88,000.

El Cielito Reservoir, PWA Project: Estimated cost, $28,100; federal grant $12,645; city's share, $15,455.

La Mesa Reservoir, PWA Project: Estimated cost, $36,000; federal grant, $16,200; city's share, $19,800.

Victor H. Trace is the city water superintendent.

SUB-CONTRACTS AWARDED

ALL-AMERICAN CANAL, Arizona.—Sub-contracts awarded by Morrison-Knudsen Co., Utah Const. Co., and Winston Bros. Co., contractors for the Imperial Dam, All - American Canal Project, are:

Excavation to Geo. W. Condon Co., Omaha, Neb.

Pile driving to Merritt-Chapman and Scott Corp., 780 Wilmington-Redondo Road, San Pedro.

31—PIPE LINES & WELLS

TO ASK BIDS SHORTLY

VALLEJO, Solano Co., Cal.—Plans and specifications for the replacement of about 6000 feet of pipe in the Gordon Valley pipe line with 24-in. cast iron pipe, and construction of a residence for the city laboratory engineer and his assistant at Fleming Hill reservoir have been approved by the City Council, and bids will be asked shortly.

Plans for the engineer's residence are being prepared by Architect Chas. E. J. Rogers, Phelan Bldg., San Francisco.

The PWA has allotted a grant of $30,150 to aid in financing the project.

T. D. Kilkenny, City Engineer. 31

LOW BIDS

RIVERSIDE and San Bernardino Cos., Cal.—Following are the three low bids and each schedule under Specifications No. 137, received by the Metropolitan Water District for the construction of about 16.7 miles of pipe lines between Cajalco and Fontana.

SCHEDULE 1-P

Construction of pre - cast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 31 plus 50 and 155 plus 00; pipe diameter 11-ft. 8-in.; length 12,277 feet.

(A) American Concrete & Steel Pipe Corp., $540,611.
(B) United Concrete Pipe Corporation, $553,202.
(C) Griffith Co., $569,235.

SCHEDULE 2-S

Construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 155 plus 00 and 807 plus 00; pipe diameters 9-ft. 8-in. to 11-ft. 6-in. Length, 54,530 feet.

(A) Western Pipe & Steel Co., $4,047,374.
(B) Chicago Bridge & Iron Works, $4,143,810.
(C) Bethlehem Steel Corp., $4,343,178.

SCHEDULE 2-K

Construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 155 plus 00 and 707 plus 00; pipe dia. 9-ft. 8-in. to 12-ft. 0-in.; length, 54,530 ft.

(A) Western Pipe & Steel Co., $4,094,630.
(B) Chicago Bridge & Iron Works, $41,96,124.
(C) Bethlehem Steel Corp., $4,398,310.

SCHEDULE 2-B

Construction of the Santa Ana River bridge and piers for the Upper Feeder of the Colorado River Aqueduct Distribution System.

(A) Western Pipe & Steel Co., $159,663.00.
(B) Chicago Bridge & Iron Works, $184,900.00.
(C) Bethlehem Steel Corp., $200,950.

SCHEDULE 3-P

Construction of pre - cast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 707 plus 00 and 926 plus 00; pipe diameters, 11-ft. 8-in. Length, 20,124 feet.

(A) American Concrete & Steel Pipe Co., $880,639.
(B) United Concrete Pipe Corporation, $927,744.
(C) Wood & Bevanda, $973,680.

SCHEDULE 3-S

Construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 707 plus 00 and 926 plus 00; pipe diameter 12-ft. 0-in.; length, 20,124 feet.

(A) Western Pipe & Steel Co., $1,169,330.
(B) Chicago Bridge & Iron Works, $1,230,679.
(C) Bethlehem Steel Corp., $1,335,973.

NOTE: The American Concrete and Steel Corp. offered a deduction of $49,360 for award of both Schedules 1-P and 3-P, making a net total of $1,371,890.

32— SEWERS & SEWAGE DISPOSAL PLANTS

FUNDS GRANTED

SUNSET BEACH, Orange Co., Cal.—A PWA grant for 45% of the cost of the proposed sewer system and sewage disposal plant for Sunset Beach Sanitary District has been approved by the Public Works Administration. The total cost is estimated at $81,000. The PWA allotment provides for the outright grant and also covers the $45,000 bond issue voted last year.

The project involves:

Treatment plant (est. at $15,000);
12,000 ft. 8-in. vit. sewer pipe;
11,000 ft. 6-in. vit. sewer pipe;
8,500 ft. 4-in. vit. sewer pipe;
49 standard manholes;
5 flush tanks.

J. A. Armitage, Coast Highway and Boardwalk, Sunset Beach, is president and S. H. Neil, secretary of the district.

Alva J. Smith, 810 Boyston Street, Pasadena, is the consulting engineer.

BOND ELECTION

STOCKTON, San Joaquin Co., Cal. —City Council has set February 18 as the date of a special election to vote on a proposal to issue $110,000 in bonds to secure a PWA allotment of $200,-000 which will finance construction of trunk line sewers and $50,000 for purchase of fire equipment.

A contract for construction of the first unit of the trunk line sewers was awarded December 11 to W. J. Tobin, 3701 Balfour Ave., Oakland, at $42,-447.11.

BIDS WANTED

PENDLETON, Ore.—Until Jan. 14, 10 A. M., bids will be received by the Pendleton City Council, Chas. E. Burnett, City Recorder, for improvements to the present sewage disposal plant.

Work will consist of remodeling the existing septic tank, construction of a pump and boiler house and a sludge digester tank, furnishing and placing pipes, pipe fittings, valves, sludge pump, hot water boiler and appurtenances, sludge digester equip., etc.

Plans and specifications obtainable from the above office upon deposit of $15.00. 2

BIDS WANTED

HUNTINGTON BEACH, Orange Co. Calif.—Until January 27, 7:30 P. M., bids will be received by the Huntington Beach city council for constructing a sewage disposal plant in accordance with plans prepared by Currie Engineering Co., 219 Andreson Block, San Bernardino. Copies of the plans and specifications may be obtained at the above address upon payment of $20, of which $10 is returnable. The cost is estimated at $82,000. The proposed work will include a trickling filter type sewage treatment plant, with circular primary clarifier, control house, sludge digester, vitrified pipe outfall, and miscellaneous piping, pumping equipment, etc. Construction of the plant will be reinforced concrete. C. R. Furr, city clerk.

The work involves:

118 c.y. 1500-lb. concrete;
430 c.y. 2500-lb. concrete;
315 c.y. 3000-lb. concrete;
40 tons reinf. steel;
4,900 c.y. filter stone;
100-lb. chlorinator;
2 sewage pumps and motors;
Primary clarifier equipment;
Circular sewage distributor;
Sludge pump;
Floating cover for digester;
225 ft. 30-in. vitrified pipe;
12,700 ft. 4-in tile underdrain;
10,340 ft. 6-in. vit. sewer pipe & drain tile;
2,882 ft. 21-in. vit. outfall sewer;
108 ft. 20-in. cast iron pipe outfall sewer;
2,800 ft. 8-in. drain tile. 2

BIDS WANTED

BARSTOW, San Bernardino Co., Cal.—Until Jan. 16 bids will be received by the Barstow Sanitary District, Barstow, for the construction of a sewage treatment plant and sewer system in accordance with plans and specifications which may be obtained from the Currie Engineering Co., 219 Andreson Bldg., San Bernardino, upon deposit of $25, of which $10 will be returned if a valid bid is submitted. Bonds in the sum of $48,000 have been voted by the district and the PWA has allotted a grant of $39,272. The collection system is estimated to represent $57,000 of the total cost.

RIVERSIDE & SAN BERNARDINO COUNTIES—CAJALCO FONTANA PIPE LINE — (MET. DIST)

RIVERSIDE and San Bernardino Cos., Cal.—Low bids received by the Metropolitan Water District, Los Angeles, January 7, for construction of about 16.7 miles of pipe lines between Cajalco and Fontana, under Specifications No. 137, as previously reported, were as follows:

American Concrete and Steel Pipe Co., Box 1428 Arcade Station, Los Angeles, or 4635 Firestone Blvd., South Gate, at a net total of $1,371,890, for constructing all work under Schedules 1P and 3P. The bid on Schedule 1P, the Upper Feeder between Stations 31 plus 50 and 155 plus 00, 12,277 feet of 11 ft. 8 in. pre-cast concrete pipe, was $540,611. The bid on Schedule 3P, the Upper Feeder between Stations 707 plus 00 and 926 plus 00, 20,124 ft. of 11 ft. 8 in. pre-cast concrete pipe, was $880,639. The bidder stipulated a deduction of $49,360, making net total bid of $1,371,890 as stated above.

Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, at $4,207,-037.57 on Schedules 2S and 2B. The bid on Schedule 2S, the Upper Feeder between Stations 155 plus 00 and 707 plus 00, using steel pipe, was $4,047,-374.57. The bid on 2B, a steel bridge across the Santa Ana River with piers for the Upper Feeder, was $159,663.

Schedule 3P is alternative to 3S, and 2S is alternative to 2K. Neither 2S nor 2K will be considered without a bid on 2B.

The total bids were as follows:

PRE-CAST CONCRETE PIPE

(A) American Concrete & Steel Pipe Co.: (1P) $540,611; (3P) $880,639.
(B) United Concrete Pipe Corp.: (1P) $553,202; (3P) $927,744.
(C) Griffith Co.: (1P) $569,235.
(D) Woods & Bevanda: (1P) $581.150; (3P) $973,680.
(E) A. Teichert & Son and V. R. Dennis Const. Co.: (1P) $593,287; (3P) $1,064,069.60.
(F) Youdall Const. Co.: (1P) $654,994; (3P) $1,057,480.
(G) Walsh Const. Co.: (1P) $864,652; (3P) $1,348,258.25.

STEEL PIPE

(H) Western Pipe & Steel Co.: (2S) $4,047,374.57; (2K) $4,094,630.99; (2B) $159,663; (3S) $1,169,330.
(I) Chicago Bridge & Iron Works: (2S) $4,143,810|10; (2K) $4,196,124.-10; (2B) $184,900; (3S) $1,230,679.80
(J) Bethlehem Steel Co.: (2S) $4,343,-178.70; (2K) $4,398,310.40; (2B) $200,950; (3S) $1,335,973.
(K) Case Const. Co.: (2S) $4,347,373; (2K) $4,405,767; (2B) $217,253.

Stipulations of the various bidders follow:

American Concrete and Steel Pipe Co.: Will accept Schedules 1P or 3P at prices bid. If awarded 1P and 3P together deduct $4 per l.f. from items 10 and 11 in Schedule 1P a total deduction of $49,360.

Western Pipe and Steel Co.: No stipulations.

United Concrete Pipe Corp., Box 1, Sta. H, Los Angeles Will accept either 1P or 3P; not both schedules together.

Griffith Co., 502 L. A. Railway Bldg. Los Angeles: No stipulations.

Wood & Bevanda, Elks Bldg. Stockton Will accept one or both schedules. If both are awarded, deduct 3% from the bids on all items of both schedules.

A. Teichert & Son, Inc., and V. R. Dennis Const. Co., P. O. Box 1113, Sacramento: If awarded 1P and 3P, deduct $1.30 ft. from items 10 and 11 on 1P and $1.30 ft. from items 9, 10, and 11 of Schedule 3P.

Youdall Const. Co., Drainage Const. Co., and Elliott, Stroud & Seabrook: Will not accept more than one schedule.

Walsh Const. Co., 904 Chester Williams Bldg., Los Angeles: Will not accept the award of 3P alone.

Chicago Bridge and Iron Works, 607 Wm. Fox Bldg., Los Angeles: No stipulations.

Bethlehem Steel Co., 701 E. 3rd St., Bethlehem, Pa. (L. A. address, 11,100 S. Central Ave.): No stipulations.

Work calls for the construction of pre - cast concrete pipe and steel pipe lines, a three - span through truss bridge and appurtenant works of the Colorado River aqueduct distribution system, between Sta. 31 plus 50 and 926 plus 00 of the Upper Feeder. The work is located in the counties of Riverside and San Bernardino and comprises approximately 16.47 miles of pipe line construction between Cajalco Reservoir and a point on the line of the Upper Feeder, about 10 miles west of San Bernardino. The work to be bid upon has been divided into schedules as follows:

Schedule 1-P; 2.33 miles in length, pipe sizes, pre-cast, 11 ft. 8 in.;

Schedule 2-S or 2-K; 10:33 miles in length; pipe sizes, steel, 9 ft. 8 in. to 12 ft. 0 in.;

Schedule 2-B: Santa Ana river bridge;

Schedule 3-P or 3-S; 3.81 miles in length; pipe sizes, pre-cast 11 ft. 8 in.; steel, 12 ft. 0 in.;

Schedules 2-S and 2-K are alternative, as are Schedules 3-P and 3-S. In the event award is made for pre-cast pipe under Schedule 3-P, the steel pipe sizes of Schedule 2-S must be used; for steel pipe under Schedule 3-S, the steel pipe sizes on Schedule 2-K are required; bids will be compared on the basis of securing the lowest total cost to the district on said schedule, viz., 2-S and 3-P or 2-K and 3-S. No other combination of these two schedules will be considered. A proposal under either Schedules 2-S or 2-K will not be considered unless the bidder also submits a proposal under Schedule 2-B; and an award, if made under such a proposal, will be for not less than Sch. 2-B and one of the alternative Sch. 2-S or 2-K.

Complete tabulation of unit bids received follows:

SCHEDULE 1-P

Schedule of prices for the construction of pre-cast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Station 31 plus 50 and 155 plus 00. Pipe diameter 11 ft. 8 in.; length, 12,277 feet.

(1) does not apply here;
(2) 180,00 cu. yds. excav. for pipe—side slope trench;
(3 300 cu. yds. excav. for structures;
(4) 120,000 cu. yds. backfill;
(5) 800 cu. yds. concrete in structures, reinforced;
(6) 50 cu. yds. concrete in structures plain;
(7) 120 cu. yds. concrete in anchors;
(8) 4400 cu. yds. concrete in cradle;
(9) does not apply here;
(10) 9160 lin. ft. precast concrete pipe, cage reinforcement, mortar joint;
(11) 3180 lin. ft. precast concrete pipe, cylinder reinforcement, lock joint;
(12) 90,000 lbs. placing reinf. steel in in structures;
(13) 4,300,000 lbs. furnishing and placing reinf. steel in pre-cast pipe;

(14) to (82) do not apply here;
(90) and (91) do not apply here;
(92) 100 lin. ft. installing concrete pipe, 12-in. diameter;
pipe, 8-in. diameter.
(93) 100 lin. ft. installing concrete.

(83) 6000 lbs. furnish and install thimbles for connections to precast pipe;
(84) to (88) do not apply here;
(89) 70,000 pounds installing miscellaneous metal;

SCHEDULE 1P

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$	$	$	$	$	$	$ .....
(2)	.30	.38	.40	.35	.36	.67	1.00
(3)	3.00	1.00	1.50	1.50	2.00	1.00	2.00
(4)	.15	.12	.17	.20	.19	.20	.17
(5)	17.00	18.00	19.00	17.00	18.00	20.00	28.00
(6)	17.50	18.00	18.00	15.00	18.00	15.00	15.00
(7)	12.00	10.00	17.00	12.50	11.00	10.00	10.00
(8)	5.80	5.20	6.00	5.25	6.00	5.25	6.00
(10)	20.00	19.60	20.00	22.00	21.30	22.60	30.40
(11)	20.70	20.20	20.00	22.50	21.30	22.60	31.60
(12)	.01	.01	.015	.01	.01	.02	.01
(13)	.04	.042	.042	.04	.045	.043	.0529
(83)	.20	.30	.15	.25	.20	.20	.20
(89)	.04	.05	.03	.03	.05	.03	.06
(92)	2.00	1.00	.50	1.00	.75	1.00	1.00
(93)	1.50	.50	.45	1.00	.50	.60	.80

SCHEDULE 2-S

Schedule of prices for the construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 155 plus 00 and 707 plus 00. Pipe diameters 9 ft. 8 in. to 11 ft. 6 in.; length, 54,530 ft.

Note: 1—Schedules 2-S and 2-K are alternative and both will not be awarded. 2—A bid under Schedule 2-S will not be considered unless the bidder also submits a proposal under Schedule 2-B.

(1) 70,000 cu. yds. excav. for pipe, vertical trench;
(2) 515,000 cu. yds. excav. for pipe side slope trench;
(3) 1500 cu. yds. excav. for structures;
(4) 407,000 cu. yds. backfill;
(5) 2500 cu. yds. concrete in structures, reinforced;
(6) 300 cu. yds. concrete in structures, plain;
(7) 600 cu. yds. concrete in anchors;
(8) to (11) do not apply here;
(12) 500,000 lbs. placing reinf. steel in structures;
(13) does not apply here;
Furnishing and installing plate steel pipe of the following sizes:
(14) 1051 lin. ft. 9 ft. 8 in. diam.; ⅞-in. thick;
(15) 60 lin. ft. 10 ft. 4 in., 25/32-in.;
(16) 2760 lin. ft. 10 ft. 4 in., 13/16-in.;
(17) 1110 lin. ft. 10 ft. 4 in. 27/32-in.;
(18) 777 lin. ft. 10 ft. 4 in. ⅞-in.;
(19) 2670 lin. ft. 10 ft. 4 in., 29/32-in.;
(20) 2333 lin. ft. 10 ft. 4 in., 15/16-in.;
(21) 3500 lin. ft. 10 ft. 4 in., 31/32-in.;
(22) 800 lin. ft. 10 ft. 6 in., 17/32-in.;
(23) 790 lin. ft. 10 ft. 6 in., 9/16-in.;
(24) 1510 lin. ft. 10 ft. 6 in., 19/32-in.;
(25) 1060 lin. ft. 10 ft. 6 in., ⅝-in.;
(26) 680 lin. ft. 10 ft. 6 in. 21/32-in.;
(27) 620 lin. ft. 10 ft. 6 in., 11/16-in.;
(28) 2220 lin. ft. 10 ft. 6 in., 23/32-in.;
(29) 1152 lin. ft. 10 ft. 6 in., ¾-in.;
(30) 1000 lin. ft. 10 ft. 6 in., 25/32-in.;
(31) does not apply here;
(32) 1670 lin. ft. 10 ft. 6 in., 27/32-in. thick;
(33) 180 lin. ft. 10 ft. 6 in., ⅞-in.;
(34) 1500 lin. ft. 10 ft. 6 in., 29/32-in.;
(35) to (41) do not apply here;
(42) 280 lin. ft. 10 ft. 8 in., ¾-in.;
(43) 1040 lin. ft. 10 ft. 8 in., 25/32-in.;
(44) 1110 lin. ft. 10 ft. 8 in., 13/16-in.
(45) 730 lin. ft. 10 ft. 8 in., 27/32-in.;
(46) 1475 lin. ft. 10 ft. 8 in. ⅞-in.;
(47) 2335 lin. ft. 10 ft. 8 in., 29/32-in.;
(48) 240 lin. ft. 10 ft. 8 in., 15/16-in.;
(49) 175 lin. ft. 10 ft. 8 in., 31/32-in.;
(50) 180 lin. ft. 10 ft. 10 in., 25/32-in.;
(51) 417 lin. ft. 10 ft. 10 in., 13/16-in.;
(52) 600 lin. ft. 10 ft. 10 in., 27/32-in.;
(53) to (55) do not apply here;
(56) 80 lin. ft. 11 ft. 0 in., 23/32-in.;
(57) 470 lin. ft. 11 ft. 0 in., ¾-in.;
(58) 420 lin. ft. 11 ft. 0 in., 25/32-in.;
(59) 610 lin. ft. 11 ft. 0 in., 13/16-in.;
(60) 1935 lin. ft. 11 ft. 0 in., 27/32-in.;
(61) 1940 lin. ft. 11 ft. 0 in., ⅞-in.;
(62) 70 lin. ft. 11 ft. 2 in., 21/32-in.;
(63) 1010 lin. ft. 11 ft. 2 in., 11/16-in.;
(64) 1940 lin. ft. 11 ft. 2 in., 23/32-in.;
(65) 460 lin. ft. 11 ft. 2 in., ¾-in.;
(66) 880 lin. ft. 11 ft. 2 in., 25/32-in.;
(67) 590 lin. ft. 11 ft. 2 in., 13/16-in.;
(68) 40 lin. ft. 11 ft. 4 in., 19/32-in.;
(69) 230 lin. ft. 11 ft. 4 in., ⅝-in.;
(70) 370 lin. ft. 11 ft. 4 in., 21/32-in.;
(71) 1150 lin. ft. 11 ft. 4 in., 11/16-in.;
(72) 550 lin. ft. 11 ft. 4 in., 23/32-in.;
(73) 730 lin. ft. 11 ft. 4 in., ¾-in.;
(74) 3090 lin. ft. 11 ft. 6 in., 9/16-in.;
(75) 530 lin. ft. 11 ft. 6 in., 19/32-in.;
(76) 450 lin. ft. 11 ft. 6 in., ⅝-in.;
(77) 1285 lin. ft. 11 ft. 6 in., 21/32-in.;
(78) 400 lin. ft. 11 ft. 6 in., 11/16-in.;
(79) and (80) do not apply here;
(81) 1,523,000 sq. ft. pipe coating, type A;
(82) 294,000 sq. ft. pipe coating, type B;
(83) does not apply here;
(84) 30,000 lbs. furnishing and installing manhole saddles and covers;
(85) 3000 lbs. furnishing and installing saddles for blow-offs and air valves;
(86) 55,000 lbs. furnishing and installing structural steel in walkway and blow-off frame work;
(87) 25 furnishing and installing pipe supports;
(88) 1 furnishing and installing expansion joint;
(89) 200,000 lbs. installing miscellaneous metal;
(90) 950 lin. ft. installing concrete pipe, 24-in. diameter;
(91) does not apply here;
(92) 100 lin. ft. install concrete pipe, 12-in. diameter;
(93) 200 lin. ft. install concrete pipe, 8-in. diameter.

SCHEDULE 2S

	(H)	(I)	(J)	(K)
(1)	$ .81	$ .75	$ .55	$ .75
(2)	.39	.38	.41	.32
(3)	1.25	1.50	2.00	2.00
(4)	.195	.20	.275	.20
(5)	20.00	20.00	23.00	22.50
(6)	20.00	18.00	20.00	20.00
(7)	14.00	15.00	18.00	10.00
(12)	.015	.02	.016	.015
(14)	65.27	65.20	68.30	70.00
(15)	62.24	62.90	66.00	68.00
(16)	63.59	64.74	67.90	70.00
(17)	66.02	67.50	70.70	73.00
(18)	68.05	69.97	73.20	75.00
(19)	69.98	72.45	76.30	78.00
(20)	71.90	75.09	78.00	81.00
(21)	74.05	77.39	81.40	83.00
(22)	40.54	37.85	41.70	40.00
(23)	42.51	40.20	44.20	42.00
(24)	44.29	42.35	46.50	44.00
(25)	49.18	44.30	48.50	46.00
(26)	54.08	53.47	55.90	52.00
(27)	55.87	56.00	68.50	59.00
(28)	58.58	58.53	61.00	65.00
(29)	60.46	60.89	63.40	67.00
(30)	62.72	63.42	66.50	69.00
(32)	67.37	68.54	71.70	74.00
(33)	68.85	71.07	74.30	77.00
(34)	70.92	73.54	77.50	79.00
(42)	61.66	61.98	64.50	67.00
(43)	63.43	64.40	67.50	69.00
(44)	65.42	66.98	70.20	72.00
(45)	67.90	69.69	72.90	75.00
(46)	69.88	72.22	75.50	78.00
(47)	71.87	74.75	78.70	81.00
(48)	74.44	78.25	82.30	84.00
(49)	76.32	80.15	84.20	86.00
(50)	64.35	65.49	68.60	71.00
(51)	66.38	68.08	71.20	73.00
(52)	68.86	70.84	74.10	76.00
(56)	61.26	61.35	63.90	66.00
(57)	63.19	63.82	66.40	69.00
(58)	65.08	66.47	69.60	72.00
(59)	67.44	69.05	72.20	75.00
(60)	70.02	71.93	75.20	77.00
(61)	72.12	74.52	77.80	80.00
(62)	57.19	56.98	59.50	61.00
(63)	59.29	59.57	62.10	64.00
(64)	61.97	62.33	64.90	67.00
(65)	64.15	64.92	67.50	70.00
(66)	65.99	67.56	70.70	73.00
(67)	68.44	70.15	73.40	76.00
(68)	46.00	45.95	50.20	48.00
(69)	50.06	47.90	52.30	50.00
(70)	58.06	57.78	60.30	62.00
(71)	60.18	60.49	63.00	65.00
(72)	63.09	63.25	65.80	68.00
(73)	65.18	65.78	68.40	71.00
(74)	45.72	43.95	48.10	47.00
(75)	46.64	46.35	50.70	50.00
(76)	50.70	48.55	53.00	51.00
(77)	58.73	58.59	61.10	53.00
(78)	60.84	61.35	63.90	60.00
(81)	.065	.09	.075	.075
(82)	.12	.15	.14	.15
(84)	.16	.20	.16	.30
(85)	.22	.20	.16	.30
(86)	.09	.12	.14	.15
(87)	298.00	300.00	360.00	350.00
(88)	1140.00	1000.00	1410.00	1200.00
(89)	.08	.07	.065	.05
(90)	1.25	.60	.70	3.00
(92)	.80	.30	.45	2.50
(93)	.50	.30	.40	1.50

SCHEDULE 2-K

Schedule of prices for the construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 155 plus 00 and 707 plus 00. Pipe diameters 9 ft. 8 in. to 12 ft. 0 in.; length, 54,530 ft.

Note 1—Schedules 2-S and 2-K are alternative and both will not be awarded. 2—A bid under Schedule 2-K will not be considered unless the bidder also submits a proposal under Schedule 2-B.

(1) 70,000 cu. yds. excav. for pipe, vertical trench;
(2) 519,000 cu. yds. excav. for pipe, side slope trench;
(3) 1500 cu. yds. excav. for structures
(4) 409,000 cu. yds. backfill;
(5) 2500 cu. yds. concrete in structures, reinforced;
(6) 300 cu. yds. concrete in structures, plain;
(7) 600 cu. yds. concrete in anchors;
(8) to (11) do not apply here;
(12) 500,000 lbs. placing reinf. steel in structures;
(13) does not apply here;
Furnishing and installing plate steel pipe of the following sizes:
(14) 1052 lin. ft. 9 ft. 8 in., ⅞-in. thickness;
(15) does not apply here;
(16) 2460 lin. ft. 10 ft. 4 in., 13/16-in.;
(17) 1040 lin. ft. 10 ft. 4in., 27/32-in.;
(18) 777 lin. ft. 10 ft. 4 in., ⅞-in.;
(19) 1840 lin. ft. 10 ft. 4 in., 29/32-in.;
(20) 1710 lin. ft. 10 ft. 4 in., 15/16-in.;
(21) 3710 lin. ft. 10 ft. 4 in., 31/32-in.;
(22) to (26) do not apply here;
(27) 130 lin. ft. 10 ft. 6 in., 11/16-in.;
(28) 2240 lin. ft. 10 ft. 6 in., 23/32-in.;
(29) 1142 lin. ft. 10 ft. 6in., ¾-in.;
(30) 1027 lin. ft. 10 ft. 6 in., 25/32-in.;
(31) 334 lin. ft. 10 ft. 6 in., 13/16-in.;
(32) does not apply here;
(33) 80 lin. ft. 10 ft. 6 in., ⅞-in.;
(34) 1510 lin. ft. 10 ft. 6 in., 29/32-in.;
(35) 1365 lin. ft. 10 ft. 6 in. 15/16-in.;

(36) 130 lin ftfl. 10 ft. 8 in., 17/32-in.;
(37) 150 lin. ft. 10 ft. 8 in., 9/16-in.;
(38) 390 lin. ft. 10 ft. 8 in., 19/32-in.;
(39) 740 lin. ft. 10 ft. 8 in., ⅝-in.;
(40) 780 lin. ft. 10 ft. 8 in., 21/32-in.;
(41) 760 lin. ft. 10 ft. 8 in., 11/16-in.;
(42) does not apply here;
(43) 1260 lin. ft. 10 ft. 8 in., 25/32-in.;
(44) 1120 lin. ft. 10 ft. 8 in., 13/16-in.;
(45) 420 lin. ft. 10 ft. 8 in., 27/32-in.;
(46 2150 lin. ft. 10 ft. 8 in., ⅞-in.;
(47) 3276 lin. ft. 10 ft. 8 in., 29/32-in.;
(48) 240 lin. ft. 10 ft. 8 in., 15/16-in.;
(49) 200 lin. ft. 10 ft. 8 in., 31/32-in.;
(50 does not apply here;
(51) 180 lin. ft. 10 ft. 10 in., 13/16-in.;
(52) 550 lin. ft. 10 ft. 10 in., 27/32-in.;
(53) 560 lin. ft. 10 ft. 10 in., ⅞-in.;
(54) 620 lin. ft. 11 ft. 0 in., 17/32-in.;
(55) 1105 lin. ft. 11 ft. 0 in., ⅝-in.;
(56) 60 lin. ft. 11 ft. 0 in., 23/32-in.;
(57) 480 lin. ft. 11 ft. 0 in., ¾-in.;
(58) 290 lin. ft. 11 ft. 0 in., 25/32-in.;
(59) 848 lin. ft. 11 ft. 0 in., 13/16-in.;
(60) 1795 lin. ft. 11 ft. 0 in., 27/32-in.;
(61) 2260 lin. ft. 11 ft. 0 in., ⅞-in.;
(62) does not apply here;
(63) 450 lin. ft. 11 ft. 2 in., 11/16-in.;
(64) 2620 lin. ft. 11 ft. 2 in., 23/32-in.;
(65) 440 lin. ft. 11 ft. 2 in., ¾-in.;
(66) 930 lin. ft. 11 ft. 2 in., 25/32-in.;
(67) 790 lin. ft. 11 ft. 2 in., 13/16-in.;
(68) does not apply here;
(69) 80 lin. ft. 11 ft. 4 in., ⅝-in.;
(70) 350 lin. ft. 11 ft. 4 in., 21/32-in.;
(71) 1020 lin. ft. 11 ft. 4 in., 11/16-in.;
(72) 540 lin. ft. 11 ft. 4 in., 23/32-in.;
(73) 760 lin. ft. 11 ft. 4 in., ¾-in.;
(74) 1420 lin. ft. 11 ft. 6 in., 9/16-in.;
(75) 480 lin. ft. 11 ft. 6 nn., 19/32-in.;
(76) 630 lin. ft. 11 ft. 6 in., ⅝-in.;
(77) 960 lin. ft. 11 ft. 6 in., 21/32-in.;
(78) 465 lin. ft. 11 ft. 6 in., 11/16-in.;
(79) 1640 lin. ft. 12 ft. 0 in., 19/32-in.;
(80) 300 lin. ft. 12 ft. 0 in., 11/16-in.;
(81) 1,553,000 sq. ft. pipe coating, type A;
(82) 294,000 sq. ft. pipe coating, type B;
(83) does not apply here;
(84) 30,000 lbs. furnish and install manhole saddles and covers;
(85) 3000 lbs. furnish and install saddles for blow-offs and air valves;
(86) 55,000 lbs. furnishing and installing structural steel in walkway and blow-off frame work;
(87) 25 furnishing and installing pipe supports;
(88) 1 furnishing and installing expansion joint;
(89) 200,000 lbs. installing miscellaneous metal;
(90) 950 lin. ft. installing concrete pipe, 24-in. diameter;
(91) does not apply here;
(92) 100 lin. ft. installing concrete pipe, 12-in. diameter;
(93) 200 lin. ft. installing concrete pipe, 8-in. diameter.

SCHEDULE 2K

	(H)	(I)	(J)	(K)
(1)	$ .81	$ .75	$ .55	$ .75
(2)	.39	.38	.41	.32
(3)	1.25	1.50	2.00	2.00
(4)	.195	.20	.275	.20
(5)	20.00	20.00	23.00	22.50
(6)	20.00	18.00	20.00	20.00
(7)	14.00	15.00	18.00	10.00
(12)	.015	.02	.016	.015
(14)	65.27	65.20	68.30	70.00
(16)	63.59	64.74	67.90	70.00
(17)	66.02	67.50	70.70	73.00
(18)	68.05	69.97	73.20	75.00
(19)	69.98	72.45	76.30	78.00
(20)	71.90	75.09	79.00	81.00
(21)	74.05	77.39	81.40	83.00
(27)	55.87	56.00	58.50	59.00
(28)	58.58	58.53	61.00	65.00
(29)	60.46	60.89	63.40	67.00
(30)	62.72	63.42	66.50	69.00
(31)	64.80	66.01	69.20	71.00
(33)	68.85	71.07	74.30	77.00
(34)	70.92	73.54	77.50	79.00
(35)	72.60	76.01	80.00	82.00
(36)	43.84	38.00	41.90	40.00
(37)	45.66	40.25	44.30	42.00
(38)	45.74	42.50	46.60	44.00
(39)	48.90	44.75	49.00	47.00
(40)	57.61	54.05	56.50	58.00
(41)	59.61	56.63	59.10	61.00
(43)	63.43	64.40	67.50	69.00
(44)	65.42	66.98	70.20	72.00
(45)	67.90	69.69	72.70	75.00
(46)	69.88	72.22	75.50	78.00
(47)	71.87	74.75	78.70	81.00
(48)	74.44	78.25	82.30	84.00
(49)	76.32	80.15	84.20	86.00
(51)	66.38	68.08	71.20	73.00
(52)	68.86	70.84	74.10	76.00
(53)	70.92	73.60	81.40	79.00
(54)	45.16	40.45	44.50	42.00
(55)	49.70	46.90	51.20	49.00
(56)	61.26	61.35	63.90	66.00
(57)	63.19	63.82	66.40	69.00
(58)	65.08	66.47	69.60	72.00
(59)	67.44	69.05	72.20	75.00
(60)	70.02	71.93	75.20	77.00
(61)	72.12	74.52	77.80	80.00
(63)	59.29	59.57	62.10	64.00
(64)	61.97	62.33	64.90	67.00
(65)	64.15	64.92	67.50	70.00
(66)	65.99	67.56	70.70	73.00
(67)	68.44	70.15	73.40	76.00
(69)	50.06	47.90	52.30	50.00
(70)	58.06	57.78	60.30	62.00
(71)	60.18	60.49	63.00	65.00
(72)	63.09	63.25	65.80	68.00
(73)	65.18	65.78	68.40	71.00
(74)	45.72	43.95	48.10	47.00
(75)	46.64	46.35	50.70	50.00
(76)	50.70	48.55	53.00	51.00
(77)	58.73	58.59	61.10	53.00
(78)	60.84	61.35	63.90	60.00
(79)	47.54	48.50	52.90	50.00
(80)	62.00	64.11	66.70	63.00
(81)	.065	.09	.075	.075
(82)	.12	.15	.14	.15
(84)	.16	.20	.16	.30
(85)	.22	.20	.16	.30
(86)	.09	.12	.14	.15
(87)	298.00	300.00	360.00	350.00
(88)	1140.00	1000.00	1410.00	1200.00
(89)	.08	.07	.065	.05
(90)	1.25	.60	.70	3.00
(92)	.80	.30	.45	2.50
(93)	.50	.30	.40	1.50

SCHEDULE 2-B

Schedule of prices for the construction of the Santa Ana River bridge and piers for the Upper Feeder of the Colorado River Aqueduct Distribution System.

Note: A bid under Schedule 2-B will not be considered unless the bidder also submits a proposal under Schedules 2-K and/or 2-S.

(94) 8500 cu. yds. excav. for piers;
(95) 3500 cu. yds. backfill for piers;
(96) 2000 cu. yds. concrete in piers above the footings;
(97) 3600 cu. yds. concrete in pier footings;
(98) 35,000 lbs. placing reinf. steel in piers;
(99) 15,000 lbs. furnishing and placing anchor bolts and base plates for piers;
(100) 17,000 lbs. furnishing and placing steel castings for bridge pedestals;
(101) 600 lbs. furnishing and placing bronze pins;
(102) lump sum, furnishing and erecting structural steel in bridge.

SCHEDULE 2B

	(H)	(I)	(J)	(K)
(94)	$ 5.95	6.50	$ 5.20	$ 5.40
(95)	.30	.60	.40	.80
(96)	9.50	12.00	17.50	17.90
(97)	8.50	12.00	17.50	18.35
(98)	.02	.015	.02	.014
(99)	.065	.075	.10	.15
(100)	.185	.20	.16	.24
(101)	.50	.60	.55	1.50
(102)	53,318.00	54,940.00	52,100.00	58,973.00

SCHEDULE 3-P

Schedule of prices for the construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 707 plus 00 and 926 plus 00. Pipe diameter 11 feet 8 in.; length 20,124 feet.

Note: Schedules 3-P and 3-S are alternative and both will not be awarded .

(1) 12,000 cu. yds. excav. for pipe—vertical trench;
(2) 275,000 cu. yds. excav. for pipe—side slope trench;
(3) 200 cu. yds. excav. for structures
(4) 180,000 cu. yds. backfill;
(5) 500 cu. yds. concrete in structures—reinforced;
(6) 100 cu. yds. concrete in structures—plain;
(7) 100 cu. yds. concrete in anchors;
(8) 7500 cu. yds. concrete in cradle;
(9) 1345 lin. ft. precast concrete pipe cage reinforcement—lock joint;
(10) 800 lin. ft. precast concrete pipe cage reinforcement—mortar joint
(11) 17,995 lin. ft. precast concrete pipe — cylinder reinforcement—lock joint;
(12) 120,000 lbs. placing reinforcement steel in structures;
(13) 10,200,000 lbs. furnishing and placing reinforcement steel in precast pipe;
(14) to (82) do not apply here;
(83) 6000 lbs. furnishing and installing thimbles for connections to precast pipe;
(84) to (88) do not apply here;
(89) 40,000 lbs. install miscellaneous metal;
(90) does not apply here;
(91) 100 lin. ft. install concrete pipe—18-in. diam.;
(92) 100 lin. ft. install concrete pipe—12-in. diam.;
(93) 100 lin. ft. install concrete pipe—8-in. diam.;

SCHEDULE 3P

	(A)	(B)	(D)	(E)	(F)	(G)
(1)	$ .60	$ .40	$ .70	$ .80	$ .72	$ 1.10
(2)	.25	.31	.35	.35	.46	.51
(3)	2.00	1.00	1.00	1.00	1.00	1.95
(4)	.15	.14	.20	.20	.20	.35
(5)	17.50	16.00	17.50	17.50	18.00	28.00
(6)	17.50	16.00	15.00	17.50	16.00	15.50
(7)	10.00	10.00	12.50	10.00	15.00	10.00
(8)	5.00	4.50	4.50	5.00	5.00	6.50
(9)	15.50	17.10	17.00	18.19	18.00	19.60
(10)	15.40	17.10	20.00	21.00	18.00	20.90
(11)	15.70	17.10	17.00	18.19	18.00	20.75
(12)	.01	.01	.01	.01	.02	.01
(13)	.04	.041	.043	.049	.046	.0627
(83)	.20	.30	.25	.20	.20	.20
(89)	.04	.05	.03	.05	.03	.06
(91)	2.00	2.00	1.00	1.00	.50	1.20
(92)	2.00	1.00	1.00	.75	.40	1.00
(93)	2.00	.50	1.00	.50	.30	.80

SCHEDULE 3-S

Schedule of prices for the construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 707 plus 00 and 926 plus 00. Pipe diameter 12 feet 0 inches; length 20,124 feet.

Note: Schedules 3-S and 3-P are alternative and both will not be awarded.

(1) 11,000 cu. yds. excav. for pipe—vertical trench;
(2) 225,000 cu. yds. excav. for pipe—side slope trench;
(3) 400 cu. yds. excav. for structures
(4) 155,000 cu. yds. backfill;
(5) 700 cu. yds. concrete in structures—reinf.;
(6) 100 cu. yds. concrete in structures—plain;
(7) 100 cu. yds. concrete in anchors;
(8) to (11) do not apply here;
(12) 125,000 lbs. placing reinf. steel in structures;
(13) to (78) do not apply here;

Furnishing and installing plate steel pipe of the following sizes:

(79) 17,750 lin. ft. 12 ft. 0 in. diam; 19/32-in. thickness;
(80) 2390 lin. ft. 12 ft. 0 in. diam.; 11/16-in. thickness;
(81) 760,000 sq. ft. pipe coating—type A;
(82) and (83) do not apply here;
(84) 6000 lbs. furnish and install manhole saddles and covers;
(85) 1000 lbs. furnish and install saddles for blow-off and air valves
(86) to (88) do not apply here;
(83) 45,000 lbs. install miscellaneous metal;
(90) does not apply here;
(91) 100 lin. ft. install concrete pipe—18-in. diam.;
(92) 100 lin. ft. install concrete pipe—12-in. diam.;
(93) 700 lin. ft. install concrete pipe—8-in. diam.

SCHEDULE 3S

	(H)	(I)	(J)
(1)	$ .83	$ .80	$ .60
(2)	.38	.40	.435
(3)	1.25	1.50	2.50
(4)	.17	.20	.30
(5)	20.00	20.00	25.00
(6)	20.00	18.00	22.00
(7)	13.00	15.00	20.00
(12)	.015	.02	.02
(79)	46.54	48.50	52.90
(80)	62.00	61.32	66.70
(81)	.065	.09	.075
(84)	.16	.20	.16
(85)	.22	.20	.16
(89)	.08	.07	.07
(91)	1.00	.40	.55
(92)	.80	.30	.45
(93)	.50	.30	.40

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32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

LAGUNA BEACH, Orange Co., Cal.—Until January 8, 7:30 P. M., bids will be received by the Laguna Beach city council for constructing sanitary sewers in Sanitary Lateral Sewer District No. 3, under the 1911 Act, and in accordance with plans and specifications which may be obtained at the office of the engineer, A. J. Stead, upon deposit of $5. Certified check or bid bond, 10%. E. H. Beaver, city clerk. The cost is estimated at $99,500. The work involves:

(1) 2241 l.f. 10" vit. clay pipe lateral sewer;
(2) 27,602 l.f. 8-in. do;
(3) 130 l.f. 8-in. cast iron pipe lateral sewer;
(4) 5974 l.f. 6-in. vit. clay pipe house connection sewer;
(5) 1432 vertical ft. stand. manholes;
(6) 9 units, flushing manholes complete;
(7) 1400 c.y. grading and excavation;
(8) 343 l.f. corru. metal pipe culvert;
(9) 1 unit catchbasin;
(10) 1 unit curb inlet;
(11) 1420 l.f. concrete curbs;
(12) 15,000 s.f. 2-in. rock and oil surfacing;

COMPLETE BID LISTING

GRESHAM, Oregon—Parker-Schram Co., Couch Bldg., Portland, at $94,115.95 on concrete pipe, and at $103,917.55 on clay pipe, as previously reported, submitted low bid to Gresham City Council for construction of a sanitary sewer system, storm water system and sewage disposal plant.

The work will involve the furnishing and laying of approximately the following amount of pipe:

(1) 11,000 ft. 6-inch;
(2) 5,160 ft. 12-inch;
(3) 770 ft. 18-inch;
(4) 100 ft. 24-inch;
(5) 29,265 ft. 8-inch;
(6) 1,580 ft. 15-inch;
(7) 1,000 ft. 21-inch.

Complete bids follow:

Parker - Schram Co., Portland: (1) concrete pipe, $94,115.95; (2) clay pipe, $103,917.55.

Ek & Lind, Portland: (1) $98,567.38; (2) $107,296.99.

Kern & Kibbe, Portland: (1) $100,954.56; (2) $110,116.14.

J. C. Compton, McMinnville: (1) $102,917; (2) no bid.

L. Colucciо, Seattle: (1) $109,999.96; (2) $115,784.20.

Dillard, Younker & Weicks, Medford: (1) $117,374.70; (2) $125,239.70.

Herber & Sheidon, Tacoma, at $21,567.50 submitted low bid on the disposal plant alone.

Bids of the Queen City Const. Co., Seattle, and the Consolidated Highway Co., Portland, were incomplete and not tabulated.

H. L. Gilbert, 707 Couch Building, Portland, engineer.

BIDS WANTED

SAN FRANCISCO — Until January 22, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,890 for construction of the Marina sewage pumping plant and alterations to the existing Pierce St. sewer. The pumping plant will be located in the Marina Parkway adjacent to Marina Blvd. and opposite Casa Way. Estimated cost $120,000. The project will be financed in part by a PWA grant.

Bids will be taken as follows:

(1) 6450 lin. ft. wood piles below cut-off;
(2) Structural work.

Work to be done under Proposition A includes construction of a reinforced concrete underground pumping plant, approximately 50 ft. inside diameter, including tremie seal, venturi vault and flagpole; a diversion structure, and necessary alterations to the existing Pierce St. sewer.

PROPOSITION B

(1) Mechanical work, which includes furnishing and installing 10-inch and 8-inch pumps, valves, venturi tube, recording apparatus and miscellaneous equipment.

PROPOSITION C

(1) 6450 lin. ft. wood piles below cut-off;
(2) Structural work;
(3) Mechanical work.

Proposition C combines the work included in Propositions A and B.

Plans and specifications obtainable from City Engineer John J. Casey upon $50 cash deposit.

ENGINEER APPOINTED

STOCKTON, San Joaquin Co., Cal.—Clyde C. Kennedy, 74 New Montgomery St., San Francisco, has been retained by the Stockton City Council to prepare plans for the enlargement of the city's sewage disposal plants.

The work will be contingent upon the approval of a $110,000 bond issue at a special election Feb. 18. The PWA has allotted a grant of $90,000 to the project.

BIDS OPENED

SAN DIEGO, Cal.—Bids received by U. S. Treasury Dept., J. W. Knox, State Procurement Officer, 49 Fourth St., San Francisco, under Invitation No. 423 for placing 1,787,000 cu. yds. dredged material to increase usable area of municipal airport:

(A) San Francisco Bridge Co., 503 Market St., San Francisco, $1400 per day for furnishing 22-in. hydraulic dredge guaranteed capacity 13,000 c.y.

(B) Standard Dredging Co., 325 Central Bldg., Los Angeles, $1525 per day for furnishing 24-in. hydraulic dredge guaranteed capacity 13,500 cu. yds.

(C) Franks Contracting Co., 260 California St., San Francisco (alternate to equipment specified) $1100 per day for furnishing 20-in. hydraulic dredge guaranteed capacity 7,450 cu. yds.

33— WATER WORKS

FUNDS GRANTED

MINA, Nev.—The Public Works Administraton has approved a grant of $16,364 for a water works project in the town of Mina, Nevada. The total cost of the proposed work is $39,364, of which $20,000 will be furnished by the city.

BIDS WANTED

MONMOUTH, Ore.—Until Jan. 15, 7:30 P. M., bids will be received by Monmouth City Council, Paul Tacheron, City Recorder, for reconstruction of the waterworks distributing system.

Work will include removal of approximately 22,500 l.f. of water pipe ranging in size from 4 to 10 inches, with necessary fittings and accessories.

Plans and specifications obtainable from the above office upon deposit of $15.00.

BIDS WANTED

FLORENCE, Ore.—Until January 15 7 P. M., bids will be received by the Florence City Council, Mary T. Andreasen, City Recorder, for the rehabilitation and extension of the city water system.

Improvements will consist of driving and equipping a nine-point well, furnishing and installig a 60,000-gal. elevated wooden water tank, four fire hydrants, and 3600 feet of 4- and 7600 ft. of 6-in. wood pipe, razing an existing wooden water tank and changing service from old to new water lines.

Plans and specifications obtainable from the above office upon deposit of $5.00.

BIDS WANTED

SEAL BEACH Orange Co. Cal.—Until Jan. 17 7:30 P. M. bids will be received by the Seal Beach city council for construction of a water system including one 150000-gal. capacity elevated steel tank 12000 ft. of distributing system one 16-in. diameter water well approximately 600 ft. in depth, two booster pumps and one 140,000-gal. capacity concrete reservoir. The plans and specifications may be obtained from the Currie Engineering Co., 219 Andreson Bldg., San Bernardino, consulting engineer, upon deposit of $20, of which $10 is returnable if a valid bid is submitted.

BIDS WANTED

MULTNOMAH, Ore.—Until Jan. 14, 12 M., bids will be received by the Home Water District, A. C. Bull,

Chairman of the Board of Commissioners, Multnomah, for construction of water system improvements.

Work will include 5,140 l.f. of 12- and 8-in. cast iron water pipe mains with necessary gate valves and pipe fittings, etc.

Plans and specifications obtainable at the office of C. E. Carter, Engineer 823 Spalding Bldg., Portland, and at the office of E. Riley, Superintendent of Home Water District, Multnomah, upon deposit of $10.

CONTRACT AWARDED

PALO ALTO, Santa Clara Co., Cal. Pacific Pipe Co., 201 Folsom Street, San Francisco, at $7,550.01 awarded contract by the Palo Alto Board of Public Works for furnishing steel pipe with McEverlast wrapping, long single lengths, rail and ocean shipment, 55-65 days delivery, to be used in connection with construction of a gas distributing center.

BIDS WANTED

JEFFERSON, Ore.—Until Jan. 14, 11 A. M., bids will be received by the Jefferson City Council, E. E. Howell, City Recorder, for construction of improvements to the city water system.

The work consists of replacing water mains with about 4,000 feet of 6- and 9,000 feet of 4-in. pipe, about 2,000 feet of which is under pavement; and requiring one railroad crossing and two highway crossings and the transfer of all service connections from the old pipe to the new pipe and the removal of the old pipe. It is also proposed to place reinforced concrete 6-in. thick on the sides, ends, and bottom of the existing concrete reservoir, 50x22x10-ft. deep, using the present structure for the outer forms and re-adjusting the inlet and outlet valves and pipes.

Plans and specifications obtainable from the above office upon deposit of $5.00.

BOND ELECTION

MAXWELL, Colusa Co., Cal.—Maxwell Utility District has set Feb. 27 as the date of a special election to vote on a proposal to issue $45,000 in bonds as the district's share of a $63,000 water and sewer system. A grant of $18,000 will be sought from PWA.

C. N. Lausten, secretary of the district.

BIDS OPENED

BOULDER CITY, Nevada—Bids for furnishing pipe, fittings, and valves for headers on the Arizona side of Boulder Power Plant, Spec. No. 753-D, were opened by the Bureau of Reclamation, Denver, Dec. 23.

The bids were:

Associated Piping & Engineering Co. Los Angeles, fob point, Boulder City; delivery days, 30; (1) valves, weight, 1560 lbs.; bid $417.00; (2) fabricated pipe, weight, 69,000 lbs.; (2) bid, $6910. ed pipe and fittings, bid $6910.

Midwest Piping & Supply Co., St. Louis, fob point, Boulder City; delivery days, 30; (1) 1550 lbs.; bid $474; (2) 65,200 lbs.; bid $6976.

Crane C'Fallon Co., Denver, fob pt., Boulder City; delivery days, 30; (1) 1625 lbs., bid $445; (2) 62,500 lbs.; bid $6979.

Power Piping Co., Pittsburgh, fob point, Boulder City; delivery days, 30; (1) 1840 lbs., bid $418.60; (2) 63,000 lbs., bid $6985.

The Mine & Smelter Supply Co., Denver, fob point, Boulder City; delivery days, 30; (1) 1780 lbs., bid $417.79; (2) 65,620 lbs., bid $7417.59.

The Greene-Wolf Co., Inc., Brooklyn, N. Y., fob point Boulder City; delivery days, 30; (1) 1400 lbs., bid $415; (2) 72,000 lbs., bid, $9335.

Grinnell Co. of the Pacific, Los Angeles, fob point Boulder City; delivery days, 30; (1) 1560 lbs., bid $417, (2) 69-000; bid, $9450.

Noland Co., Inc., Washington, D. C fob point, Boulder City; delivery days 35; (1) bid $395.41.

The William Powell Co., Cincinnati, fob Cincinnati; delivery days, 30; (1) 1780 lbs., bid $413.28.

BIDS WANTED

PEARL HARBOR, T. H.—Until Jan. 29, bids will be received by the Public Works Officer, Navy Yard, Pearl Harbor, under Spec. No. 6128, for improvements to the fresh water system at the Fleet Air Base, Pearl Harbor. Estimated cost, $50,000.

Specifications obtainable from above office.

BIDS OPENED

SAN FRANCISCO—Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at $16,986.60 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W.D. 103, for laying 6- and 8-in. cast iron mains in the area from 20th Ave. to 30th Ave., and from Lincoln Way to Rivera St.

The work involves:

(1) 23,190 l.f. excavation and backfill (trench 17x36-in.);
(2) 370 c.y. additional excavation and backfill;
(3) 820 sq. ft. additional pavement removal and replacement;
(4a) 19,230 l.f. installation of 6-in. bell and spigot cast iron pipe;
(4b) 3,960 l.f. installation of 8-in. bell and spigot cast iron pipe;
(5) 12,860 lbs. installation of fittings, etc.;
(6) 2,710 l.f. making joints, bell and spigot;
(7) 32,850 sq. ft. repavement.

Total bids follow:

(A) Lowrie Paving Co., Inc., San Francisco, $16,986.60.
(B) W. J. Tobin, Oakland, $17,080.10.
(C) Pacific States Constr. Co., San Francisco, $17,138.60.
(D) E. J. Treacy, San Francisco $19,032.97.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$0.23	$0.28	$0.30	$0.3475
(2)	.10	.10	.30	.50
(3)	.26	.30	.30	.30
(4a)	.07	.06	.07	.10
(4b)	.08	.07	.08	.10
(5)	.03	.02	.02	.01
(6)	.30	.27	.25	.26
(7)	.26	.24	.22	.225

N. A. Eckert, General Manager and Chief Engineer.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 22, 3 P. M., bids will be received by Public Utilities Commission, Room 287, City Hall, for laying 6- and 8-in. cast iron mains in the area from Orizaba Ave. to Rolph Street and from Seneca Ave. to the County Line; Water Department Spec. No. 105.

The work involves

(1) 24580 l.f. excavation and backfill trench 17x36-in.;
(2) 390 c.y. additional excavation and backfill;
(3) 870 s.f. additional pavement removal and replacement;
(4a) 18,340 l.f. installing 6-in. B & S cast iron pipe;
(4b) 6,240 l.f. installing 8-in. do;
(5) 21,090 lbs. installing fittings, etc.;
(6) 3,210 l.f. making joints, B & S;
(7) 35,000 sq. ft. repavement.

Plans and specifications available at Room 605, San Francisco Water Department Building, 425 Mason Street, upon deposit of $10.00.

N. A. Eckart, chief engineer.

BIDS OPENED

SAN FRANCISCO — Pacific States Constr. Co., Call Bldg., at $17,965.90 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W.D. 102, for laying 6- and 8-in. cast iron mains in the Balboa Park District.

The work involves:

(1) 22,280 l.f. excavation and backfill (trench 17x36-in.)
(2) 360 c.y. additional excavation and backfill;
(3) 810 sq. ft. additional pavement removal and replacement;
(4a) 13,800 l.f. installation of 6-in. bell and spigot cast iron pipe;
(4b) 8,480 l.f. installation of 8-in. bell and spigot cast iron pipe;
(5) 14,620 lbs. installation of fittings, etc.;
(6) 2,950 l.f. making joints, bell and spigot;
(7) 32,300 sq. ft. repavement.

Total bids follow:

(A) Pacific States Constr. Co., San Francisco, $17,965.90.
(B) Lowrie Paving Co., San Francisco, $19,675.00.
(C) W. J. Tobin, Oakland, $21,207.80.

Unit bids follow:

	(A)	(B)	(C)
(1)	$0.32	$0.30	$0.45
(2)	.30	.25	.50
(3)	.30	.30	.30
(4a)	.07	.07	.06
(4b)	.08	.08	.08
(5)	.02	.03	.02
(6)	.27	.30	.30
(7)	.24	.30	.25

N. A. Eckart, Chief Engineer.

BIDS WANTED

FRESNO COUNTY, Cal.—Until Jan. 17, 10 A. M., as reviously reported, bids will be received by the Fresno County Board of Supervisors, E. Dusenberry, County Clerk, Court House, Fresno, for construction of a waterworks system for the Fresno County Water Works District No. 2.

The work involves:

(1) 6,370 ft. 4-in. cast iron water pipe complete in place, including excavation and backfilling;
(2) 7,900 ft. 6-in. do;
(3) 3,260 ft. 8-in. do;
(4) 5,850 lbs. standard cast iron fittings for water mains, complete in place;
(5) 7 4-in. gate valves, complete in place, including valve boxes and cover;
(6) 8 6-in. do;
(7) 4 8-in. do;
(8) 3 blow-off hydrants;
(9) 39 ¾-inch service connections, complete, including corporation cock;
(10) 10 1-in. do;
(11) 6 1½-in. do;
(12) 6 4x4x36-in. Redwood posts;
(13) pump and motor complete, with all appurtenances & accessories;
(14) one only water well complete, 100 ft. deep;
(15) 100 l.f. additional depth of well as may be required.

A. Segel, Engineer.

Plans and specifications obtainable from the above office.

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

PITTSBURG, Contra Costa Co., Cal.—L. F. Dana, Pittsburg, at $450 submitted low bid to Custodian, Pittsburg post office for seeding and planting grounds at the post office.

Complete bids follow:

L. F. Dana, Pittsburg	$450
Ernest Dexter, Pittsburg	497
Vanden Abeel, Walnut Creek	498
California Nursery, Niles	673
West Coast Nursery, Palo Alto	675
Jos. H. Sabol, Pittsburg	761

Bids referred to Washington for award.

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IN THIS ISSUE

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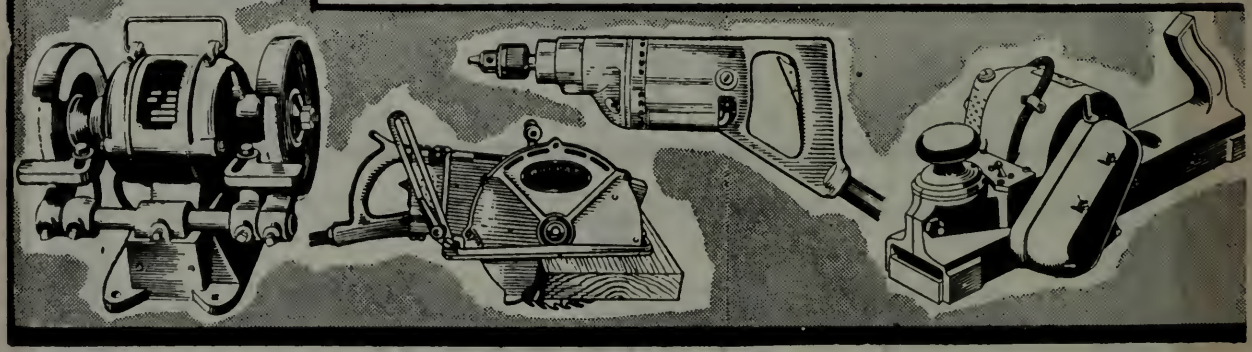

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STATE AWARDS $1,619,000 JOBS ON HIGHWAYS

Acceptance Mark Completion Of Federal Emergency Schedule

SACRAMENTO, Jan. 14.—Seven contracts for works program highway and grade separation projects in Southern California were awarded today by the State Division of Highways on low bids totaling $1,619,982. The awards complete the letting of all work on which bids had been received up to the end of December excepting four jobs for which bids were received and rejected. Two of these are being readvertised and new bid dates for the others are expecte shorttly.

Today's awards were:

Clinton Const. Co., Los Angeles, constructing overhead crossing at Figueroa Street, Los Angeles, $578-420.

Griffith Co., Los Angeles, constructing overhead crossing on Soto Street over Valley Blvd. and Southern Pacific tracks, Los Angeles, $116,864.

L. E. Dixon Co., Los Angeles, constructing undergrade crossing at Mission Road, Los Angeles, $241-661.

Guy F. Atkinson Co., San Francisco, grading 2.2 miles and constructing steel stringer bridge in Los Angeles County, $355,762.

Oscar Oberg, Los Angeles, constructing undergrade crossing beneath tracks of the Union Pacific at Soto Street, Los Angeles, $154-942.

Sharp & Fellows Contracting Co., Los Angeles, grading 10.9 miles, treating with liquid asphalt and constructing timber pile trestle in Riverside County, $129,848.

C. F. Robbins, Los Angeles, grading and paving with Portland cement concrete 1.3 miles in Santa Ana, $42,487.

The highway division announced new bids would be taken February 6 in Los Angeles for 3.7 miles of grading on Sepulveda Boulevard, between San Fernando Road and Brand Boulevard in Los Angeles. Bids received on this contract December 5 have been rejected. The low bid was offered by J. L. McClain, Los Angeles, at $555,334.

DODD AWARDED HOSPITAL JOB

RED BLUFF, Jan. 15.—Award of a contract to C. H. Dodd, Stockton, low bidder for erecting a county hospital building, was recommended to PWA today by the Tehama County Board of Supervisors. The low bid was $85,647. Three other bids were received as follows: J. C. Meyers, Stockton, $88,455; N. H. Sjoberg, San Francisco, $90,191 and James L. McLaughlin, San Francisco, $92,812. The contract is for erecting a one- and two-story building of reinforced concrete and includes installation of a steam heating system.

W. E. Coffman, Sacramento, designed the building.

Suisun Waterworks Contract Advertised For January 31

A bid call was issued yesterday by the city of Suisun on a contract for improvement of the municipal water system for which $35,000 of city and PWA funds are available. The work is being supervised by Clyde C. Kennedy, San Francisco consulting engineer.

Bids will be opened January 31. The work includes replacement of 12- and 8-in. lines, salvaging and relaying mains, furnishing and installig valves and hydrants, drilling one well and miscellaneous items.

Plans and specifications are available at Kennedy's office in the Call Building.

BOEHME HEADS SAN JOAQUIN PAINTERS

A. H. Boehme was installed as president of the Master Painters and Decorators Association of San Joaquin county at a meeting held last week at Hotel Clark, Stockton, it is reported. Other officers installed at last week's meeting were Carl Steger, secretary, and Carl Hockholt, treasurer. The executive committee includes, in addition to the officers, Joe Severn and Perry Lee.

ASK BIDS ON NEW BUILDING AT SACRAMENTO

$600,000 Structure To House Motor Vehicle Headquarters

Bids on contracts for erecting a new office building for the State Motor Vehicle Department in Sacramento will be received February 11 State Architect Geo. B. McDougall announced yesterday. The estimated cost is $600,000.

The Motor Vehicle building is one of two new office buildings to be located on adjoining sites on N Street between 11th and 12th Sts. The other will house the Department of Public Works.

Plans provide for a four-story reinforced concrete structure. The work will be let under five segregated contracts (1) General work; (2) Electrical; (3) Plumbing; (4) Heating and Ventilating; (5) Elevators. Equipment will include a steam heating system air-conditioning plant three passenger and one freight elevator two electric dumb waiters.

A contract has been let to Raymond Concrete Pile Company, San Francisco, for constructing foundations for the two buildings.

The State Division of Architecture now is advertising approximately $800,000 worth of building contracts. Bid opening dates have been announced previously for a laundry to be constructed at Camarillo State Hospital and for a ward at Norwalk State Hospital.

ADDITIONAL CAPS FOR DeVILBISS SPRAY GUN

Two new air caps for the Type MBC Spray Gun have been developed by the DeVilbiss Co., Toledo, O. The No. 76 cap is designed for use with lacquers, primers and heavy-bodied synthetics in volume production industrial finishing. To produce a wider, more even spray without split DeVilbiss has developed the No. 54 cap, a narrow horn, twin jet type. Complete details on both caps may be obtained by writing the manufacturer.

U. S. PERMITS INCREASE 12% IN DECEMBER

Dun & Bradstreet Survey Shows 71% Improvement In Year Total

The building industry, as measured by the value of permits taken out for new buildings, alterations and repairs, closed the past year with a sharp upward spurt. Instead of a small seasonal decline usually witnessed in December, the permit volume for that month in 215 cities of the United States rose to $62,992,039 from $56,276,588 in November, or an increase of 12.0 per cent, according to Dun & Bradstreet, Inc. With the exception of the October total of $66,965,705, last month's figure was the highest since October, 1931, and was almost treble the value of permits in December, 1934, which amounted to only $21,125,723.

Scattered throughout the country, such cities at Pittsburgh, Troy, Cincinnati, Detroit, Nashville, Oklahoma City, St. Louis, Sioux Falls, Los Angeles and Seattle reported particularly large increases in December building. In the 214 cities outside of New York, the contemplated building totalled $48,781,834 in December, an increase of 12.5 per cent over November, and 179.2 per cent over the same month last year.

New York City also gained rapidly in December, permits amounting to $14,210,205, an increase of 10.3 per cent above November and of 289.7 per cent above the corresponding month a year ago.

The record for 1935 in the building industry eclipsed all previous years back to 1931. With the upward rush in the final month, the total value of permits for the 12 months just ended reached an aggregate of $596,686,708 against $348,390,747 for the similar period of 1934, or a rise of 71.3 per cent. The 1935 building permit total was the largest since 1931.

The following table presents the estimated totals of building expenditures for December and twelve months of the past nine years:

	December	12 Months	Compared Previous Year
1935	$62,992,039	$596,686,708	+71.3
1934	21,125,723	348,390,747	+11.1
1933	24,915,270	313,676,276	—21.4
1932	23,279,690	399,288,930	—65.5
1931	47,582,316	1,158,963,273	—30.7
1930	109,105,240	1,671,403,078	—42.6
1929	123,498,929	2,913,131,600	—11.8
1928	217,436,810	3,304,507,091	— 3.4
1927	253,607,296	3,419,479,046	....

PARTNERSHIP OF ARCHITECTS DISSOLVED

The firm of Herbert and Caulkins has been dissolved, according to a joint announcement by Architects William R. Herbert and C. A. Caulkins, Jr. The two architects will continue their practice in Santa Rosa and both will maintain offices in the Rosenberg Building.

COPPER SALES TO INCREASE

More than 200,000,000 pounds of copper may be used by the building industry during 1936, according to estimates of the manufacturers. This would be an increase of about one-third over the copper products sales to builders last year. The estimate covers material used in roofing, pipe and tubing for water lines, wiring, hardware, lighting fixtures, insulation, weatherproofing, water heaters, etc. Expansion of mechanical refrigeration sales and air-conditioning installations due to rehabilitation and new building also will benefit the copper industry.

Clifford Heads Architectural Club For Coming Year

Walter C. Clifford was elected president of the San Francisco Architectural Club at the first meeting of the year. Other officers for the year are Walter Ruppel, vice-president, and Richard Audsley, secretary.

The following committee chairmen were named: Walter Ruppel, entertainment; Frank Trabucco, publications, and Richard Audsley, publicity. Mr. Otto Hintermann was elected the new trustee and Chas. Conti, director. Other committee men will be named later.

After the election of officers, Mr. Edward Counter, past president, presented retiring President Hintermann with a past president's charm, bearing the insignia of the San Francisco Architectural Club. A buffet supper was served.

18 SEEK PENINSULA CITY MANAGER POST

Action on applications for the city manager position at Redwood City, recently resigned by Ernest Rolison and being filled temporarily by City Engineer Chas. Dimmit, is expected in the near future. The city council has received eighteen applications for the position, it is reported.

Californians from whom applications have been received include Assistant Manager James Long of Berkeley; City Manager Oscar F. Weissgerber of Brawley; City Manager W. A. Richmond of San Leandro; Wm. H. Brown, former city manager of Tulare, and City Manager H. L. Denham of Pittsburg.

New orders for steel business furniture amounted to $14,283,845 during the first eleven months of 1935, the Bureau of the Census reports, as compared with $10,795,964 during the corresponding period of 1934.

M'DONALD & KAHN LOW BIDDER ON MAIN EXTENSION

Utilities Commission To Let Big Pipe Line Jobs At Early Date

MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., yesterday submitted to the San Francisco Public Utilities Commission the lowest of eight proposals for laying twenty- and twenty-four-inch steel feeder mains in Bacon, Phelps Williams, Third and Thornton Sts. Amount of the low bid was $137,964.

Under the contract, which is part of the commission's old PWA program, the successful bidder will fabricate and install approixmately 13,950 feet of twenty-four-inch and 1500 feet of twenty-inch steel pipe.

Total bids were as follows:

MacDonald & Kahn	$137,964
Eaton & Smith	140,342
Chas. L. Harney	146,568
W. J. Tobin	149,902
M. J. Lynch	152,440
Sibley Grading & Teaming Co. Ltd.	156,780
R. E. McNair and H. Gould	159,327
Lowrie Paving Company	185,148

Two additional contracts under the commission's old PWA program were advertised for bids this week, the largest being for construction of the $1,400,000 Crystal Springs Pipeline No. 2 from Millbrae to San Francisco.

The commission will open bids for the Crystal Springs Pipeline February 5. The contract calls for construction of a pipeline about ten and one-half miles long from the water department yard near Millbrae, San Mateo county, to University Mound reservoir near Woolsey and Bowdoin streets in San Francisco.

The line is divided into two sections. Section A, between a point near Baden and University Mound, will be entirely of sixty-inch welded steel pipe, of which approximately 35,050 feet will be required. Section B, which extends from the Millbrae yard to the beginning of Section A, will be about 20,540 feet in length and will consist of sixty-inch steel-cylinder reinforced concrete pipe with short sections of sixty-inch welded steel pipe.

Bids for laying the Crosstown Pipeline in San Francisco will be opened February 4. Approximately 12,300 feet of thirty-six-inch steel pipe and 5500 feet of forty-four-inch steel pipe will be laid under this contract. Some 11,150 feet of the thirty-six-inch pipe to be used will be salvaged from the Newark-San Lorenzo pipeline.

PWA LOANS FOR NEW YORK TUNNEL

A loan and grant of $58,365,000 has been made by the Federal Public Works Administration to the city of New York for construction of a traffic tunnel under the East River.

Geo. Petersen Wins Suit To Recover Bid Security On Healdsburg Contract

Suit for return of bid security which had been impounded by the Healdsburg High School District was won yesterday by George Petersen, San Leandro building contractor, terminating a case which has been of wide interest in the building industry. The school trustees sought to forfeit a certified check which Mr. Petersen deposited with his bid after a bona fide error in computing the bid total had been disclosed.

The contractor obtained an injunction restraining the district from cashing the check and yesterday received notice of a final decision in his favor by Judge W. D. L. Held in Sonoma County Superior Court.

Judge Held found that the school district had suffered no damage from Mr. Petersen's error and that there is no statutory requirement for forfeiture of the bid security.

Failure of the PWA to concur in an award to Mr. Petersen is cited as further ground for relieving the contractor of an obligation, since the school authorities were then without power to let the contarct on which they subsequently sought to penalize the bidder.

Attorney Marcus Hardin of the firm of Decoto and St. Sure, Oakland, represented Mr. Petersen in the suit. The text of Judge Held's decision as received yesterday by Attorney Hardin follows:

The plaintiff is a building contractor. The defendant consists of the Board of trustees of Healdsburg High School District, the individual members of that Board, Paul E. Crabb, the principal of the Healdsburg High School, Chas. O. Scott, the Country Treasurer of Sonoma County, and the First National Bank in San Leandro.

The defendant Board of High School Trustees advertised for bids for the construction of an addition to the High School building; the plaintiff made a bid of $67,990.00 for such construction, which bid was the lowest received by the Trustees. Accompanying his bid, plaintiff deposited his certified check on defendant First National Bank in San Leandro, and said check has been deposited with the defendant County Treasurer. The plaintiff claims that his bid should have been $77,990.00, and that through a mistake in the addition of a column of figures it was erroneously made for $10,000.00 less than the correct amount. It is alleged in the complaint that the defendants, Board of Trustees, seek to collect and retain the amount of said check, and to forfeit the same. Plaintiffs seek injunctive relief against the threatened acts of said defendants and the recovery of said check.

I have carefully examined into the evidence, and am convinced that the plaintiff made an honest mistake in the preparation of his bid; one that was fundamental rather than incidental; and that equity should afford him relief. A Cal. Juris, page 783, Sec. 19. 56 Cal. Juris, page 490; Sec. 526. In Moffett vs. Rochester, 44 U. S. (Law Ed.) 1108, the Supreme Court of the United States held in a similar case, that the proposal made by the contractor was one which he never intended to make, and that the minds of the parties never met upon a contract based thereon. Other cases to the same effect, are:

Board of Regents vs. Colo. 273 S. W. 508.

Judgment will be that plaintiff have recovery of his check.

Union vs. Anderson, 240 N. W. 19.
Martens vs. City, 171 N. Y. Supp. 87.
Harper vs. City, 145 N. Y. Supp. 59.
Kutsche vs. Ford, 192 N. W. 714.
Board vs. Bender, 72 N. E. 154.

In each of the above cases, the contract was to be entered into with a public agency, and in several forfeiture was sought of security deposited pursuant to a statute.

The defendants here contend that even though relief may be granted against a forfeiture based on contract, there can be none in case of a statutory forfeiture. They cite Mill Valley vs. Bonding Co. 68 C.A. 372. To the same effect is Farnsworth vs. M & P R.R. Co. 23 U. S. (law Ed) 530. Union L & S Co. vs. United States, 257 Fed. 635. But these cases to have no applicability here. No statute is pointed out as requiring the forfeiture sought herein by defendants. And if there were such a statute, there could be no forfeiture except for a failure to enter into the contract resulting from a proposal and its acceptance. If there was no meeting of the minds of the parties, there was no contract agreed upon, and if none was agreed upon, there was no breach; and even though th statute demand a forfeiture for a breach of contract, it would first be necessary to establish a breach. The case of Donaldson vs. Abraham 122 Pac. 1003, holds that "equity has the same power to relieve from forfeitures provided for by statute as it has to relieve from forfeitures provided for by ordinary contract."

In this case, I fail to see where defendant Board of Trustees, or the District, or the principal, have suffered any damage. The plaintiff made an honest mistake, and without delay determined that he had made a mistake and communicated the fact to the school authorities. On Jan. 17, 1935, Mr. Crabb advised plaintiff that the matter had been referred to the Building Code authorities "and that the Board of Trustees will take no action until a reply is received." The entire matter was then in the hands of the Building Code authorities, and plaintiff had the assurance of the School officials that the matter would remain in status quo until the Code authority had acted. A hearing was had and on Feb. 6, 1935, the "P.W.A." approval for the execution of the contract had been withdrawn. The resolution and correspondence of Jan. 24 and 28, 1935, did not alter the situation. The "W.P.A." approval was necessary to the authority of the school officials to enter into a contract, and that approval was given Jan. 11, 1935, but for all practical purposes, suspended the following day, and finally entirely withdrawn on Feb. 6, 1935. It would seem that the defendants are seeking to recover a penalty for the failure of plaintiff to enter ito a contract, which defendant school authorities themselves were without power to execute.

$1,000,000 IN POWER PROPOSAL FOR CONSTRUCTION

City's Municipal Distribution Plan Would Utilize Existing Lines

Expenditure of about $1,000,000 for new construction is contemplated in a plan for municipal distribution of Hetch Hetchy power which the San Francisco Board of Supervisors has approved. The board has authorized Public Utilities Commission officials to negotiate with the Federal government for consent to the proposal as a means of satisfying provisions of the Raker Act.

Manager of Utilities E. G. Cahill and Paul J. Ost, electrical engineer, will present the plan to Secretary of the Interior Harold Ickes.

Mr. Cahill's estimate of initial investment necessary to distribute power now being developed on the Hetch Hetchy system is:

Purchase of portion of P. G. & E lines within the city	$16,575,000
Alterations and additions	600,000
Office, Shops, Warehouse & Equipment	1,000,000
Materials and Supplies	75,000
Working Cash	350,000
Total	$18,600,000

The city would purchase sufficient of the Pacific Gas and Electric Company distribution plant to absorb a peak capacity of 69,500 kws., the total capacity of Hetch Hetchy plants transmitted to San Francisco for distribution.

The territory proposed for municipal lines is the major part of the Western Addition lying west of Van Ness Avenue and south of Sacramento St., the entire Richmond, Sunset, Parkside and west of Twin Peaks district, and a considerable portion of the Mission district.

In order to avoid duplication of facilities, Mr. Cahill has recommended that the city continue an existing contract with the P. G. & E. by which it delivers at Newark substation the entire Hetch Hetchy output at a 75 per cent load factor. But instead of permitting the power company to retail the current the city will take delivery at wholesale rates at substation bus bars in San Francisco and distribute in its own lines. The company would retain a power surplus estimated at 207,000,000 kw-hrs. as compensation for transmitting between Newark and San Francisco. Standby service also would be provided by the company.

The only new construction to be undertaken by the city would be administration and maintenance headquarters, estimated at $1,000,000.

Alterations and additions, estimated at $600,000, include reconnecting feeders, particularly those formerly the property of the Great Western Power Company which now are served from substations outside the area of municipal distribution.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
49	Vizzard	Anderson	6000
50	Newman	Owner	1000
51	New	Barrett	3000
52	Johnsen	Owner	10000
53	Baker	Owner	8000
54	Sellman	———	40000
55	Lindsay	Owner	3300
56	Lindsay	Owner	3300
57	Ostroni	Owner	2500
58	Micheletti	Miller	2000
59	Bank	Dinwiddie	1000
60	Cincotta	Francheschi	9000
61	Franceschi	Franceschi	9000
62	Vukicevich	Vukicevich	7500
63	Mode	Owner	7000
64	Ippolito	Owner	3500
65	McClenahan	Owner	4000
66	McClenahan	Owner	4000
67	McClenahan	Owner	4000
68	Cousins	Schell	1000
69	Smith	Scott	3500
70	Poulin	Owner	5500

DWELLING
(49) SE EIGHTEENTH AVE AND Taraval St. Two-story and basement frame store and dwelling.
Owner—N. M. Vizzard, 2567 18th Ave. San Francisco.
Architect—Not Given.
Contractor—N. M. Anderson, 2427 4th Ave., San Francisco. $6000

ALTERATIONS
(50) NO. 400-406 DIVISADERO ST. Alter workshop.
Owner—Mrs. E. Newman, 1369 Hyde St., San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(51) N HERON ST. 200 E Eighth St. Alter laundry.
Owner—New Process Laundry, Prem.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $3000

FLATS
(52) NE CASA WAY 117 NW Retiro St. Two-story and basement frame flats.
Owner—Peder P. Johnsen, 1750 Bay St., San Francisco.
Architect—Not Given. $10,000

DWELLING
(53) W JORDAN AVE. 366 N Euclid Ave. Two-story and basement frame dwelling.
Owner—Mrs. Fannie L. Baker, % Architect.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—Not Let. $8000

APARTMENTS
(54) NW WEBSTER AND NORTH .....Point Sts. Three-story and basement frame apartments.
Owner—Sellman & Bohlin, 1990 Green St., San Francisco.
Architct—H. C. Baumann, 251 Kearny St., San Francisco.
Engineer—Jas. M. Smith, 251 Kearny St., San Francisco.
Contractor—Segregated. $40,000

DWELLING
(55) W 26th AVE. 200 S Moraga St. One - story and basement frame dwelling.
Owner and Builder—C. T. Lindsay, 140 Duboce Avenue.
Architect—Not Given. $3300

DWELLING
(56) W 26th AVE. 225 S Moraga St. One - story and basement frame dwelling.
Owner and Builder—C. T. Lindsay, 140 Duboce Avenue.
Architect—Not Given. $3300

ALTERATIONS
(57) 54-56-58 SANCHEZ ST. Alter flats.
Owner and Contractor — Helmer Ostrom, 74 Henry St.
Architect—Not Given. $2500

STATION
(58) NW FOLSOM & FOURTEENTH Sts. Class C service station.
Owner — G. Micheletti, 464 Douglass St., San Francisco.
Architect—Not Given.
Contractor—Philip Miller, 384 San Miguel St., San Francisco. $2000

ALTERATIONS
(59) NO. 430 CALIFORNIA ST. Alter offices.
Owner—Bank of California, Premises.
Architect—Not Given.
Contractor — Dinwiddie Constr. Co., 210 Crocker Bldg., S. F. $1000

FLATS
(60) W FILLMORE ST. 125 N Chestnut St. Two-story and basement frame flats.
Owner—Maria Cincotta, % Architect.
Architect—Sam Helman, 605 Market St., San Francisco.
Contractor—Franceschi Constr. Engr. Co., 3750 Webster St. $9000

FLATS
(61) W FILLMORE ST. 151 N Chestnut St. Two-story and basement frame flats.
Owner—Louis Franceschi, 3750 Webster St., San Francisco.
Architect—Sam Helman, 605 Market St., San Francisco.
Contractor—Franceschi Constr. Engr. Co., 3750 Webster St. $9000

APARTMENTS
(62) N TARAVAL ST. 57 W 24th Ave. Two-story frame apartments
Owner—E. E. Vukicevich, 1442 Taraval St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Contractor—Pete E. Vukicevich, 1442 Taraval St., San Francisco. $7500

ALTERATIONS
(63) NO. 39 STOCKTON ST. Alter store.
Owner—Mode-O-Day Frock Shops of Los Angeles, 860 South Los Angeles St., Los Angeles.
Architect—E. L. Alberts, 860 S. Los Angeles St., Los Angeles. $7000

DWELLING
(64) E BARTLETT ST. 225 S 24th St. One-story and basement frame dwelling.
Owner — Antonio Ippolito, 122 Paris St., San Francisco.
Architect—Not Given. $3500

DWELLING
(65) E NINTH AVE. 144 S Lawton St. One-story and basement frame dwelling.
Owner — T. W. McClenahan, 333 16th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(66) E NINTH AVE. 116 S Lawton St. One-story and basement frame dwelling.
Owner — T. W. McClenahan, 333 16th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(67) E NINTH AVE. 172 S Lawton St. One-story and basement frame dwelling.
Owner — T. W. McClenahan, 333 16th Ave., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(68) NO. 226 KEARNY ST. Alter store.
Owner — Cousins Investment Co., 200 Kearny St., San Francisco.
Architect—Not Given.
Contractor—Fred W. Schell, 1651 24th Ave., San Francisco. $1000

DWELLING
(69) W THIRTY-SEVENTH AVE. 125 S Cabrillo St. One-story and basement frame dwelling.
Owner—Chas. Smith, 866 36th Ave., San Francisco.
Architect—Not Given.
Contractor—Harry Scott, 4520 Cabrillo St., San Francisco. $3500

DWELLING
(70) S BALBOA ST. 60 E Forty-seventh Ave. Two-story and basement frame dwelling.
Owner—Arthur and Adele Poulin, 643 Fifth Ave., San Francisco.
Architect—Not Given. $5500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
26	Offord	Parks	4900
27	Reynolds	Grubb	3000
28	Herbst	Anderson	4000
29	Broadwater	Owner	14000
30	McKinnon	Hamilton	1000
31	Union	Early	1000
32	Vlugth	Owner	2000
33	Rubin	Dynes	1000

DWELLING
(26) 641 EUCLID AVENUE, **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner—R. H. Offord, 2379 Virginia St. Berkeley.
Architect—M. Goodman.
Contractor—R. Parks, 1847 Yosemite, Berkeley. $4900

DWELLING
(27) NO. 10,501 BEVERLY AVE., **OAKLAND.** One-story five-room dwelling.
Owner—G. Reyonlds.
Architect—Not Given.
Contractor—J. B. Grubb, 1801 109th Ave., Oakland. $3000

RESIDENCE
(28) NO. 161 FOREST LANE, **BERKELEY.** Residence.
Owner — W. A. Herbst, 3030 Regent St., Berkeley.
Architect—Not Given.
Contractor — F. W. Anderson, 2111 Ashby Ave., Berkeley. $4000

REPAIRS
(29) NO. 27 HIGHLAND AVENUE, **PIEDMONT.** Repairs and alterations.
Owner—C. C. Broadwater, Premises.
Architect—Not Given. $14,000

ALTERATIONS
(30) NO. 2212 SAN PABLO AVENUE **OAKLAND.** Alterations.
Owner—Geo. McKinnon.
Architect—Not Given.
Contractor—M. F. Hamilton, 2444 Virginia St., Berkeley.

EXCAVATION
(31) NE BROADWAY AND BROADway Terrace, **OAKLAND.** Excavation.
Owner—Union Oil Co., Mills Tower, San Francisco.
Architect—Not Given.
Contractor — Fred J. Early Jr., 366 19th St., Oakland. $1000

ALTERATIONS
(32) NO. 5253 FOOTHILL BLVD., **OAKLAND.** Alterations.
Owner—Leonard Vlugth, 2025 Vicksburg Ave., Oakland.
Architect—Not Given. $2000

ALTERATIONS
(33) NO. 1435 BROADWAY, **OAKLAND.** Alterations.
Owner—A. Rubin.
Architect — H. C. Ferree, 435 Valle Vista Ave., Oakland.
Contractor—L. C. Dynes, 363 19th St., Oakland. $1000

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
3	Calsen	Tollefsen	4025
1	Dufton	Armstrong	7140

RESIDENCE
(3) BROOKDALE AVE. 290 E from Coolidge St., Oakland. All work for residence.
Owner — C. C. Calsen, 3033 Bartlett Ave., Oakland.
Architect—Not Given.
Contractor—C. Tollefsen, 3311 E-17th St., Oakland.
Filed Jan. 9, '36. Dated Nov. 11, '35.

Rough plumbing in	$825
Roof on ready for plaster	800
2nd coat plaster on	800
When completed	800
Usual 35 days	800
TOTAL COST,	$4025

Bond, $4025. Surety, George Linton. Limit, 90 days. Forfeit, $5 per day. Plans and specifications filed.

RESIDENCE
(4) POR. LOT 8 BLK B, Montclair Estates, Oakland. All work for two-story and basement frame & stucco residence.
Owner—Mr. and Mrs. Geo. M. Dufton, 3608 Lincoln Ave., Oakland.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.
Filed Jan. 13, '36. Dated Dec. 31, '35.

Roof on	$1785
Brown plaster completed	1785
When completed	1785
Usual 35 days	1785
TOTAL COST,	$7140

Bond, none. Limit, 100 days. Forfeit, $5 per day. Plans and specifications, none .

SAN FRANCISCO UNDER $1000

SIGN, electric, $150; 1355 Van Ness Ave.; owner, J. F. Waters, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.

ALTER restaurant, $45; 1188 Market St.; owner, Frank's Tavern, Prem.

ALTER store, $125; 565 Jackson St.; owner, Mr. Chang, Prem.; contractor, Shang Git & Co., 145 Waverly Place.

SIGN, electric, $300; 1801 Fillmore St.; owner, Thrift Cut - Rate Ddugs, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.

SIGN, electric, $150; 1355 Van Ness Ave.; owner, J. F. Waters, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.

ALTER flats, $150; 12 Noble Alley; owner, A. Costello, Premises.

SIGN, electric, $100; 731 Market St.; owner, Pennington Millinery Co., Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.

SIGN, electric, $150; 1355 Van Ness Ave.; owner, J. F. Waters, Prem.; contractor, Elec. Prodts. Corp., 255 Golden Gate Ave.

ALTER restaurant, $200; 85 Broadway; owner, Pete Maiaschin, 85 Broadway.

SIGN, electric, $200; 981 Geneva Ave.; owner, Amazon Drug Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER offices (roof tank), $50; 130 Bush St.; owner, Limited Mutual Compensation Insurance Co., 130 Bush St.; contractor, Patterson & Koster Iron Works, 280 13th St.

SIGN, electric, $100; 1962 Ovean Ave. owner Spreckels Ice Cream, Prem. contractor, QRS Neon Corp., Ltd.; 690 Potrero Ave.

SIGN, electric, $100; 1962 Ocean Ave.; owner, Castro Theatre, Premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

SIGN, electric, $200; 2453 Fillmore St.; owner, Marnett's Beauty Shop, Premises; contractor, QRS Neon Corp., Lts., 690 Potrero Ave.

FLUES, $50; E Cayuga 90 N Santa Rosa; owner, Boyd C. Lindsay, 183 Oxford; contractor, Walters Furnace & Sheet Metal Co., 2230 Market Street.

FLUES, $150; N Greenwich 105 W Divisadero; owner, Mr. Spingola, 2655 Greenwich St.; contractor, J. J. Delucchi, 1526 Powell St.

REPAIR fire damage to dwelling, $350; 46 Beverly; owner, F. W. Williamson, 566 29th Avenue.

FLUES, $50; W Van Ness Ave. So. 173 N 24th St.; owner, J. Brandt, 2827 Mission St.; contractor, New Mission Sheet Metal Works, 3401 Mission St.

ELECTRIC sign, $135; 3137 Mission; owner, Alaskan Tavern, premises; contractor, Apex Electric Co., 363 Fell St.

FLUES, $64; 29-31 Cumberland St.; owner, E. Eckert, premises; contractor, J. Camp & Co., 1093 Natoma St.

FLUES, $15; 36 John; owner, D. Song, premises; contractor, Domestic Gas Equip. Co., 415 Sutter St.

FLUES, $50; E Cayuga 140 N Santa Rosa; owner, Boyd C. Lindsay, 183 Oxford St.; contractor, Walters Furnace & Sheet Metal Co., 2230 Market St.

ALTER store, $150; 24 8th St.; owner, Chas. W. Sutro, care Buckbee & Thorne, 151 Sutter St.

FLUES, $50; S Vicente 32 W 22nd Ave.; owner, Arco Bldg. Co., 4708 Mission St.; contractor, New Mission, Sheet Metal Works 3401 Mission Street.

SIGN, electric, $125; 205 Granada St.; owner, Granada Cleaners, premises; contractor, Apex Elec. Co., 363 Fell St.

FLUES, $100; N Bay 100 E Baker St.; owner, Mr. Lenel, 464 Columbus; contractor, John J. Delucchi, 1526 Powell St.

ALTER stores, $400; NW Van Ness and Post.; owner, Hecht Inv. Co., premises; architect, Hyman and Appleton, 68 Post St.; engineer, H. Rosenthal, 76 6th Ave.; contractor Miller & McGillis, % architects.

FLUES, $50; E Cayuga 115 N Santa Rosa; owner, Boyd C. Lindsay, 183 Oxford St.; contractor, Walters Furnace & Sheet Metal Co., 2230 Market.

ALTER offices, $300; 315 Montgomery; owner, Commercial Union - Ocean Group, premises; engineer, J. V. Jervis, 315 Montgomery.

ALTER dwelling, $100; 1922 Pine St.; owner, Andrew S. Gramecko, 2087 Sutter St.

ALAMEDA COUNTY UNDER $1000

ALTERATIONS, $296; 800 Contra Costa St., Berkeley; owner, G. Whittaker, Prem.; contractor, W G. Foster, 4 Avon Road.

ALTERATIONS, $250; 3786 Porter St., Oakland; owner, G. Tribuzio, 425 Market Street.

ALTERATIONS, $230; 595 Chetwood Ave., Oakland; owner, B. Pennington; contractor, Erick Koenig, 1521 54th Avenue.

ALTERATIONS and one - story garage, $325; 1547 68th Ave., Oakland; owner, Mrs. Lena Parker, Premises; contractor, J. F. Frey, 4718 Congress Ave.

DWELLING, one-story 1-room, $350; 1012 87th Ave., Oakland; owner, C. C. Davison.

SIGN, electric, $165; 2757 Telegraph Ave., Oakland; owner, Wm. B. Lean; contractor, Bryant Neon Sign Co., 278 2nd St., Richmond.

SIGN, electric, $150; 1728 Telegraph Avenue, Oakland; owner, Irwin Keene; contractor, Bryant Neon Sign Co., 278 2nd St., Richmond.

RxMw., cmfwyp vbgkqj

REPAIRS (termite), $147; 1039 Elsinor Ave., Oakland; owner, Miss Lear, Prem.; contractor, O. L. Burritt, 427 63rd St.

REMODEL dwelling, $500; 576 Apgar St., Oakland; owner, M. F. Smith, Premises.

ALTERATIONS, $125; 2088 Broadway, Oakland; owner, Hibernia Bank, Jones and McAllister Sts., S. F.; contractor, W. S. Wheeler, 4001 Elston Ave.

ALTERATIONS, $91; 4062 Piedmont Ave., Oakland; owner, American Trust Co., 14th and Broadway; contractor, W. S. Wheeler, 4001 Elston Ave.

ALTERATIONS, $250; 453 12th St., Oakland; owner, Gardenia Flower Shop, Prem.; contractor, F. F. Kennedy, 171 12th St.

ALTERATIONS, $45; 5427 Manila Ave. Oakland; owner, A. M. Peacock, Premises.

CHIMNEY, brick, $95; 531 43rd St., Oakland; owner, Chas. Martin, Prem.; contractor, C. Sisto Troja, 1026 53rd St.

CHIMNEY, brick, $116; 313 105th Ave., Oakland; owner, Bert Hamon, 313 105th Ave.; contractor, W. J. Grien, 147 Estudillo Ave., San Leandro.

SIGN, wood, $50; SE 14th Ave. and E-12th St., Oakland; owner, Seaside Oil Co., 2121 3rd St., S. F.

ALTERATIONS, $825; 2023 Shattuck Ave., Berkeley; owner, W. Havens Jr.; contractor, Connor & Connor, 1733 Francisco St.

RE-ROOF, $200; 5529 College Avenue, Oakland; owner, Mrs. Emma Tagence; contractor, Crown Roof Co. 1911 E 12st St., Oakland.

ALTERATIONS, $125; 2329 Telegraph Ave., Berkeley; contractor, James Anderson, 96 Zinn Dr., Oakland.

ALTERATIONS, $85; 2038 Bancroft, Berkeley; owner, T. W. Carder; contractor, C. K. Sprinkling, 581 Alcatraz, Berkeley.

REPAIRS, $125; 270 Crocker Avenue, Piedmont; owner, G. Richardson, premises; contractor, Larry Burror, 4400 Broadway, Piedmont.

ALTERATIONS, $5.00; 224 Mt. Ave., Piedmont; owner, Minnie E. Henderson, premises; contractor, H. K. Henderson, 20 Avis Road, Berkeley.

ROOFING, $70; 21 Bonita Ave., Piedmont; owner, C. L. Hogue, Grass Valley; contractor, N. V. Heathorn Roof Company.

ADDITION and alteration, $500; 1515 Union St.; owner, A. Albertl; contractor, M. E. Valente, 5118 Clarke St., Oakland.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
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6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
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13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Sub-Bids Being Taken.
APARTMENTS Cost, $——
SAN FRANCISCO. NW North Point and Webster Streets.
Three-story and basement frame and stucco residence (12 3- and 12 2-room apts.) flatroof, tile baths, steam heating system, wood sash, hardwood floors, etc.
Owner—Sellman & Bohlin, 1990 Green St. San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contract Awarded
APARTMENTS Cost, $8,000
SAN FRANCISCO. N Taraval W 24th Avenue.
Two-story frame and stucco apts.
Owner—E. E. Vukicevich, 1442 Taraval Street.
Architect—R. R. Irvine, 3431 Market.
Contractor—Peter E. Vukicevich, 1442 Taraval Street.

Preparing Working Drawings.
BUNGALOW COURT Cost, $22,000
BURLINGAME, San Mateo Co., Calif.
Two bungalow court units (2 four-room and 3 three-room apts. in each unit) separate garages to accommodate 10 cars; frame and stucco construction; shingle roof, metal sash, plank floors, wrought iron rails, flagstone walks, individual hot air heating systems, fireplaces, etc.
Owner—Withheld.
Architect — Oscar R. Thayer, 1120 Union St., San Francisco.
Each unit will contain a living room 12x22 ft., bedroom 11x15 ft. reception hall, kitchen and dining alcove.
Bids will be asked about Feb. 1.

2— BONDS

BONDS SOLD
LOS ANGELES Cal.—Bonds of the Los Angeles City School District and of the Los Angeles City High School District, each in the amount of $2,000,000, were sold by the County supervisors January 8 to a syndicate headed by the Anglo-California National Bank of San Francisco. The interest rate was 3½% and the premium in each case was $23,010.

BIDS WANTED
ANTIOCH, Contra Costa Co., Cal.—Until January 27, 8 P. M., bids will be received by the Antioch City Council for the sale of $64,000 in bonds to finance the city's share of a $97,234 pipe line replacement project for which the WPA has approved $33,320.

3— CHURCHES

Preparing Working Drawings.
ALTERATIONS Cost, $3000
HEALDSBURG, Sonoma Co., Calif
Alterations to church building.
Owner—Presbyterian Church, Healdsburg.
Architect — John I. Easterly, Santa Rosa and Healdsburg.
Bids will be asked in about three weeks.

Sub-Contracts Awarded
CHURCH ALTERATIONS $——
SAN LEANDRO, Alameda Co., Calif.
Alterations to church (composition shingle roof, stucco exterior, etc.)
Owner—San Leandro Episcopal Church
Architect—Not Given.
Contractor—Carl H. Franzen, 883 54th Street, Oakland.
Roofing—Sun Roofing Co., 3044 Blosson St., Oakland.
Plumbing—D. N. Watson, 2306 High St., Oakland.
Electric Wiring—Pine Electric Co., 380 Haas Ave., San Leandro.
Glass—East Bay Glass Co., 621 Sixth St., Oakland.
Lathing and Plastering—Sale & Bratten, Hayward.
Lumber—Oakland Lumber Co., 6901 E 14th St., Oakland.
Concrete—A. Casquelro, 2851 75th Avenue, Oakland.

PLANS COMPLETE.
ALHAMBRA, Los Angeles Co., Cal.—Architect C. M. Winslow, 1001 Architects' Bldg., Los Angeles, has completed preliminary plans for a new church to be erected on Grand Ave. between Stoneman and Garfield Aves., Alhambra, for Holy Trinity Church; Rev. M .G. Tennyson, rector. Cost, $46,000.

CONTRACT AWARDED
MONTECITO, Los Angeles Co., Cal.—B. D. Kronnick Co., 3623 Avalon Blvd., Los Angeles, awarded contract for construction of new edifice at Hot Springs Ave. and Valley Road, Montecito, for Our Lady of Mount Carmel parish. Ross Montgomery, 3828 Amesbury Road, Los Angeles, architect. Cost, $54,000.

4— FACTORIES & WAREHOUSES

CONTRACT AWARDED
NAPA COUNTY, Cal.—C. G. Langum, Union Station, Napa, at $7,194 awarded contract by Division of Highways for the construction of a maintenance building about one-half mile north of Napa.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 37 Clementina Street.
Alterations to warehouse.
Owner—Bothin Realty Co., 604 Mission St., San Francisco.
Engineer — Norman Green, Sharon Bldg., San Francisco.
Contractor—F. R. Siegrist, 604 Mission St., San Francisco.

Contract Awarded.
SAN FRANCISCO. N Heron St. E Eighth Street.
Alterations to laundry.
Owner—New Process Laundry. Prem.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded
FACTORY Cost, $4,000
SAN FRANCISCO. W Shotwell North Seventeenth Street.
One-story frame factory.
Owner—Sal Grech, 2126 Folsom Street.
Architect—Not Given.
Contractor—Chas. Smith, 3611 Mission Street.

Contract Awarded.
ALTERATIONS Cost, $6000
STOCKTON, San Joaquin Co., Calif. 7 North Madison Street.
Alterations to poultry building.
Owner—Poultry Producers Association Premises.
Architect—Not Given.
Contractor—T. W. Williamson, P. O. Box 93, Stockton.

Contract Awarded
FACTORY Cost, $50,000
NAPA, Napa Co., Calif. Soscol Ave.
One-story Class C factory (100x400 ft.) concrete walls, wood interior skylights, etc.
Owner—Rough Rider Mfg. Co. (Nathan Rothman, Prop.) 175 12th St., San Francisco.
Engineer—W. W. Hanscom, 848 Clayton St., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

Planned.
REFINERY Cost, $500,000
HAMILTON CITY, Glenn Co., Calif.
Alterations and additions to refinery (new equipment, etc.)
Owner — Holly Sugar Corp., (G. J. Dally, Mgr.), Colorado Springs, Colorado.
Plans by Engineering Dept. of Owner.

Contract Awarded.
WAREHOUSE Cost, $——
SAUSALITO, Marin Co., Calif.
Whiskey bonded warehouse (200x160-ft.) reinforced concrete, brick and tile construction; steel sash, concrete floors, etc.
Owner—American Distilling Corp.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.
Contractor—Leibert & Trobock, Albert Bldg., San Rafael.

FACTORY Cost, $——
OAKLAND, Alameda Co., Cal. Fruitvale Avenue (22-acre site).
New factory.
Owner—Owens - Illinois Pacific Coast Co., 1855 Folsom Street, San Francisco.
Engineer—P. D. Burtt, 1855 Folsom St., San Francisco.
Plans are being prepared in the Engineering Department of the owners at Alton, Ill., under the supervision of Mr. Burtt, who is now in the east.

Contract Awarded.
WAREHOUSES Cont. Price, $185,297
STOCKTON, San Joaquin Co., Calif. Deep Draft Terminal.
Six 1-story brick warehouses (known as Warehouses C, D, E, F, L, and M) extensions to water system, drainage dry pipe fire protection system, and road system.
Owner—City of Stockton Port Commission.
Plans by Engineering Dept. of Owner
Contractor—O. H. Chain, 41 S. Sutter St., Stockton.

5— FLATS

January 10, 1936

To Be Done By Day's Work.
FLATS Cost, $10,000
SAN FRANCISCO. Casa Way and Retiro Street.
Two-story and basement frame and stucco flats.
Owner and Builder—Peder P. Johnsen 1750 Bay St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
ALTERATIONS Cost, $3,000
SAN FRANCISCO. 54-56-58 Sanchez.
Alterations to flats.
Owner—Helmer Ostrom, 74 Henry St.
Architect—Not Given.

Contract Awarded
FLATS Cost, $11,500
SAN FRANCISCO. W Fillmore 151 N Chestnut Street.
Two - story and basement frame and stucco flats (two 6-room flats) tar and gravel roof, tile baths, steam heating system, wood sash, etc.
Owner—Louis Franceschi, 3750 Webster Street.
Architect—Sam Heiman, 605 Market.
Contractor — Franceschi Construction Co., 3750 Webster Street.

Contract Awarded.
FLATS Cost, $11,500
SAN FRANCISCO. W Fillmore 125 N Chastnut Street.
Two-story and basment frame and stucco residence (2 6-room flats) tar and gravel roof, tile baths, steam heating system, wood sash, hardwood floors, etc.
Owner—Maria Cincotta.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor — Franceschi Constr. Co., 3750 Webster St., San Francisco.

6—GARAGES & SERVICE STATIONS

Sub-Contracts Awarded
GARAGE Cost, $5000
SAN FRANCISCO. W Fillmore St. 107 S Broadway.
One-story private garage.
Owner — George F. Volkman, 2307 Broadway, San Francisco.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—N. F. Nielsen, 666 Mission St., San Francisco.
Plumbing—J. J. McLeod, 1246 Golden Gate Avenue.
Electric Wiring—Frank Goodman, 666 Mission St
Sheet Metal—Geo. H. Wieland, 1133 Howard Street.
Iron Work—Patterson & Koster Iron Works, 280 13th St.
Lumber—Boronio Lumber Co., Beach and Powell Sts.
Wood Sash and Mill Work—National Mill & Lumber Co., 74 New Montgomery St
Concrete—A. C. Anderson, 666 Mission St.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave.

Plans Completed.
GARAGE Cost, $16,500
DAVIS, Yolo Co., Cal. Campus of College of Agriculture.
One-story steel and concrete garage (truck corps division).
Owner—State of California.
Architect — William Hayes, Crocker First National Bank Bldg., San Francisco.
Bids will be asked in the near future

Contract Awarded.
SERVICE STATION Cost, $5000
PALO ALTO, Santa Clara Co., Calif No. 1 Embarcadero Road.
One-story service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—G. W. Williams Co., 2807 Adeline St., Burlingame.

Contract Awarded.
SERVICE STATION Cost, $3000
SAN FRANCISCO. NW Folsom and Fourteenth Streets.
One-story Class C service station.
Owner — G. Micheletti, 464 Douglass St., San Francisco.
Architect—Not Given.
Contractor—Philip Miller, 384 San Miguel St., San Francisco.

BIDS WANTED
TUOLUMNE COUNTY, Cal.—Until February 4, 3 P. M., bids will be received by Public Utilities Commission, Rm. 287, City Hall, under Hetch Hetchy Water Supply Contract No. 157, for the construction of a five-car garage at the Mocassin Power House, Tuolumne County. Structure will be 22x53 feet of wood frame construction with concrete foundations, concrete floor and apron; cement plaster exterior with stucco finish; stall partitions and a ten-foot wide concrete apron extending the length of the building.
Specifications may be obtained at Room 605, San Francisco Water Department, 425 Mason St., San Francisco, upon deposit of $10.

Contract Awarded
INSPECTION STATION
Contract Price, $57,880
NACO, Arizona.
Two - story and basement inspection station (67x48 feet) concrete foundations and basement, hollow tile walls, stucco exterior, composition roof, cement, wood and linoleum covered floors, promenade tile, macadam paving, metal shower partitions, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Edmond and E. J. Pfotzer 5305 Haverford Ave., Philadelphia.
Complete bids published Jan. 13.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
COCO SOLO, Canal Zone—W. G. Thurston Co., Richmond, Va., at $276,000 awarded contract by Bureau of Yards & Docks, Navy Department, Washington, D. C., for construction of buildings, roads and services at the Naval Ammunition Depot and Naval Submarine Base, Coco Solo, Canal Zone; Spec. No. 8124. Est. cost, $265,000 Work involves the construction of one quarters, one office and inert storehouse, four smokeless powder magazines, three arch type magazines, two detonator magazines, six hose shelters, bridge, and macadam paving, and includes concrete construction, hollow tile work, steel, iron, bronze work, roofing, waterproofing, sheet metal work, metal windows, pressed steel and metal covered doors metal lath, plaster work, stucco, marble, slate, tile work, carpentry and joinery, metal and wood screens, sewerage, water, plumbing, electrical and telephone systems.

Complete Bids
INSPECTION STATION Cost, $66,000
NACO, Arizona.
Two-story and basement inspection station (67x48 feet) concrete foundations and basement, hollow tile walls, stucco exterior, composition roof, cement, wood and linoleum covered floors, promenade tile, macadam paving, metal shower partitions, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder — Edmond and E. John Pfotzer, 5305 Haverford Avenue, Philadelphia, Pa., at $57,880.
Complete bids follow:
Edmond and E. John Pfotzer, Philadelphia, Pa., $57,880
E. L. Martin, Dallas, Texas, $58075.
L. F. Dow Los Angeles, $61,000
Robrt E. McKee, El Paso, Texas, $61,700.
G. C. Gorsuch, Spokane, Washingington, $63,000.
Taylor & Powell Douglas, Arizona, $72,937.
Bids held under advisement.

CONTRACT AWARDED
SAN FRANCISCO—Nick Hemminga, 627 38th Ave., at $225 awarded contract by Treasury Department for corridor signs at the Marine Hospital, 14th Ave. and Lake St.

BIDS REJECTED
NOGALES, Ariz.—Treasury Department rejected bids received for pipe rail, gate and window grilles at the U. S. Immigration Station, Nogales. On bid opening only bid was submitted by Public Building Contractors, New York, at $497.
New bids will be asked shortly.

BUILDING MATERIALS APPROVED
BAKER, Oregon.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. post office at Baker, Oregon. Hoffman Const. Co., Portland, general contractor:
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountains, Halsey W. Taylor Mfg. Co.; brass or copper water piping, Chase Brass & Copper Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; back water cesspools, Blake Specialty Co.; nonconducting covering for plumbing, Johns-Manville Co.; boiler, Kewanee Boiler Corp.; tube and wall radiators, American Radiator Co.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, James P. Marsh Corp.; air valves for radiators and air valves for ends of steam mains American Radiator Co.; lighting distribution panel and feeder panel, Trumbull Elec. Mfg. Co.; rubber-covered wire, Hazard Insulated Wire Works, Division of Okonite Co.; receptacles and flush switches, General Elec. Co.; glassware, Perfection Glass Co. and Gill Glass & Fixture Co.; pendant switches, Bryant Elec. Co.; lighting fixtures, Perfeclite Co.

LOW BIDDER
SAN DIEGO, Calif.—Hunt & Curry Co., 507 Bancroft Bldg., San Diego, submitted low bid to the 11th Naval District at $5016 for paint spray booth and paint storage at the Naval Operating Base (Naval Air Station) San Diego; Spec. No. 8115. Recommendation was made that the contract be awarded to low bidder.

8— CLUB BUILDING

Sub-Bids Being Taken.
ALTERATIONS Cost, $45,000
OAKLAND, Alameda Co., Cal. Fourteenth and Franklin Streets.
Alterations to club.
Owner—Athenian Nile Club, Premises.
Architect—Fred Reimers, 233 Post St., San Francisco.
Contractor—Fred Muller, 805 Syndicate Bldg., Oakland.

January 16, 1936
Preparing Preliminary Plans.
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Cal. No. 2286 Cedar Street.

Alterations and additions to clubhouse (add on room, new stage, etc.)
Owner—Hillside Club, Premises.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Plans Being Completed.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. Eighteenth St., bet. Guerrero and Valencia Sts.
Alterations to four-story Class C Lodge Building (install elevator, modernize lodge rooms, etc.)
Owner—Dovre Hall Association.
Architect—F. F. Amandes, 414 Downey Blvd., San Francisco.
Bids will be asked in about ten days

Low Bidder.
RECREATION HALL Cost, $——
FORT STEILACOOM, Washington.
Recreation Hall at Western State Hospital.
Owner—State of Washington.
Architect—Not Given.
Low Bidder—Roberts & Johnston, 1111 Commerce St., Tacoma, $73,800.
Electric — Wire Electric Co., 3580 S. Tacoma St., Tacoma.
Plumbing—Rushlight & Co., 407 SE Morrison St., Portland, $2626.
Heating — Percy Norman, 3131 East Key St., Tacoma, $8000.

9— HOSPITALS

Sub-Contracts Awarded
IMPROVE HOSPITAL
Contract Price, $43,410
SALINAS, Monterey Co., Cal. County Hospital.
One-story frame and stucco tuberculosis ward addition (22-bed unit) barracks bldg. to accommodate 60; 20,000 gallon steel tower; new well, etc.; buildings will have composition roof, wood floors, steam heating system to connect to the main plant, etc.
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St., Salinas.
Contractor — P. T. Wallstrum, Watsonville.
Roofing—Central Supply Co., Salinas.
Plumbing—Phillips Plumbing & Heating Co., Salinas.
Electric Wiring — Rodeo Electric Co., Salinas.
Heating—Phillips Plumbing and Heating Co., Salinas.
Tile Work—Tynan Lbr. Co., Salinas.
Glass—Electric Planing Mill, Stockton.
Lathing and Plastering—Jim Mastenson, Watsonville.
Lumber—Haywood Lumber Co., Salinas.
Steel Sash—Central Supply Co., Salinas.
Wood Sash—Elec. Planing Mill, Stockton.
Painting—G. Ayers, Salinas.
Flooring—Royal Floor and Linoleum Co., 475 Sutter St., San Francisco.
Reinforcing Steel—San Jose Steel Co., San Jose.
Structural Steel—Berkeley Steel Construction Co., 2nd and Camelia, Berkeley.

BIDS REJECTED
TUCSON, Ariz. — Veterans Administration rejected all bids for the construction of additions to Administration Building No. 1 at the Veterans' Administration Facility Hospital, Tucson.

Low Bidder
ADDITION Cost, $128,996
MEDICAL LAKE, Washington.
Three-story brick and concrete addition to hospital (174x44 ft.) brick exterior walls, hollow clay tile interior partitions, linoleum and tile floors, detention type steel sash.
Owner—State of Washington.
Architect—Geo. M. Rasque, Spokane Savings & Loan Bldg., Spokane.
Low Bidder—Sheble Const. Co., 2019 Third St., Seattle, $93,970.

Plans Being Prepared.
HOSPITAL Cost, $175,000
OAKLAND, Alameda Co., Cal. Foothill Blvd. and County Road.
Replace wards K, L, One and Two at the Fairmount Hospital.
Owner—County of Alameda.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Additional units will be constructed at a later date.

Contract Awarded
ADDITION Cont. Price, $93,970
MEDICAL LAKE, Washington.
Three-story brick and concrete addition to hospital (174x44 ft.) brick exterior walls, hollow clay tile interior partitions, linoleum and tile floors, detention type steel sash.
Owner—State of Washington.
Architect—George M. Rasque, Spokane Savings & Loan Bldg., Spokane.
Contractor—Sheble Const. Co., 2019 Third St., Seattle.

Bids Opened.
HOSPITAL Cost, $100,000
RED BLUFF, Tehama Co., Calif.
One- and two-story and large basement hospital (concrete exterior walls (wood floors, wood roof construction with composition covering, steam heating plant, etc.)
Owner—County of Tehama.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Low Bidder—C. H. Dodd, 1206 Buena Vista Ave., Stockton.
(1) add for two extra wings.
Complete bids follow:

C. H. Dodd, Stockton		$85,647
	(1)	6,977
J. C. Meyers, Stockton		88,455
	(1)	7,735
N. H. Sjoberg, San Francisco		90,191
	(1)	7,414
James L. McLaughlin, S. F.		92,812
	(1)	10,485

Recommendation made to the PWA that contract be awarded to C. H. Dodd, at $92,624 accepting alternate proposal.

10— HOTELS

Plans Being Prepared.
ALTER HOTEL Cost, $65,000
MERCED, Merced Co., Calif. M St.
Alterations to El Capital Hotel (three story structure) new lobby, painting, decorating, etc.
Owner—El Capitan Hotel (Stanley S. Simonson, owner).
Architect—Kent & Haas, 525 Market St., San Francisco.

Contract Awarded
HOTEL Cost, $50,000
COALINGA, Fresno Co., Calif.
Two-story hotel (40 rooms).
Owner—Not Given.
Architect—E. J. Kump, Rowell Bldg., Fresno.
Contractor—Fisher and McNulty, Cory Bldg., Fresno.

PLANNED
BOULDER DAM, Nevada.—Boulder Dam Hotel Corp., % Harry Weisler, Bank of America Bldg., San Diego, contemplates erecting a new hotel at or near Boulder Dam.

11—ICE & COLD STORAGE PLANTS

Contract Awarded
ADDITION Cost, $2,600
WOODLAND, Yolo Co., Calif.
Shop building and display building.
Owner—Union Ice Co., 354 Pine St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—A. Paulsen & Roth Bros., Woodland.

12— POWER PLANTS

SAN BERNARDINO COUNTY, Cal. Wood & Bevanda, Elks Bldg., Stockton, at $497,789.25 on Schedule 1, and at $220,556 on Schedule 2, total $718,355.25, as previously reported, submitted low bid to Metropolitan Water District, Los Angeles, under Spec. No. 136, for construction of the Iron Mountain pumping plant of the Colorado River Aqueduct.

The work is located in San Bernardino County on the line of the Colorado River Aqueduct, about 13 miles northwest of Rice, and comprises the construction of the Iron Mountain pumping plant buildings together with inlet works, outlet structures, electrical switching station, and other appurtenances:

Complete total bids follow:

(A) Wood & Bevanda, Stockton—Schedule 1, $497,789.25; Schedule 2, $220,566; total, $718,355.25.

(B) L. E. Dixon Co., 609 S. Grand Ave., Los Angeles—Schedule 1, $520,973.11; Schedule 2, $328,039.55; total, $849,012.66. Note: This total is based on the correct extension of the price on item 78, which was $3.45. The bidder's extension shows it was intended for 34.5 cents. This would add a total of $67,378.50 to the amount of the bid as read when opened.

(C) J. F. Shea Co., Earp, Calif.—Schedule 1, $591,449.30; Schedule 2, $277,429.50; total, $868,878.80.

(D) Barrett & Hilp and Macco Co., 815 Paramount Blvd., Clearwater, Cal.—Schedule 1, $604,850.80; Schedule 2, $337,149; total, $941,999.80.

(E) Mittry Bros. Const. Co., 5531 Downey Rd., Los Angeles—Schedule 1, $680,479.25; Schedule 2, $273,739; total, $954,218.25.

(F) Winston Bros. Co. and Wm. C. Crowell, 924 Title Guarantee Bldg., Los Angeles—Schedule 1, $596,439.60; Schedule 2, $359,713.65; total $956,153.25.

(G) Hunkin-Conkey Const. Co., 1740 E 12th St., Cleveland Ohio—Schedule 7, $677,791.22; Schedule 2, $370,821.35; total, $1,048,612.57.

RESTRAINING ORDER DISMISSED
BRAWLEY, Imperial Co. Cal.—Construction of the Imperial Irrigation Dist.'s standby power plant at Brawley may proceed shortly, according to Harry W. Horton, chief counsel of the district, who announced that continuance of the temporary restraining order asked for the Nev-Cal Electrical Securities Co. has been denied. The continuance of the order was requested pending appeal to the U. S. Circuit Court of Appeals at San Francisco. M. J. Dowd is chief engineer for the district at El Centro.

Contract Awarded
ICE PLANT Cost, $100,000
SALINAS, Monterey Co., Calif. East Gabilan and Griffin Streets.
Reinforced concrete ice plant (capacity 120 tons daily).
Owner—Salinas Valley Ice Co. (Ralph Myers, Mgr.) Salinas.
Plans by W. E. Greene, 32 Willow St., Salinas.
Contractor—W. E. Greene, 32 Willow, Salinas.
Construction has just started.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED

SAN FRANCISCO. — D. N. and E. Walter, 562 Mission Street, at $168.50 awarded contract by Department of Public W'ks for furnishing and hanging monks cloth to conform to present installation in Art Museum, Veterans' Building, War Memorial, San Francisco.

Contract Awarded

LIBRARY AND COURT
Contract Price, $158,700
CARSON CITY, Ormsby Co., Nevada.
Two-story, basement and mezzanine floor library and Supreme Court bldg. (77x100 ft.) reinforced terra cotta blocks (first floor, library; second floor, court offices, etc.)
Owner—State of Nevada.
Architect—F. J. DeYongchamps, Inc., Gazette Bldg., Reno.
Contractor—J. C. Pillard, Reno.

BIDS REJECTED—PLANS TO BE REVISED

CARSON CITY, Nev.—State Highway Commission rejected bids for the construction of a Materials and Research Laboratory Building at Carson City. On previous bid opening only bid was submitted by A. M. Larson, Carson City, at $35,923.

Work To Start Shortly.

MARTINEZ, Contra Costa Co., Cal.
Installation of vault and alterations of basement offices in County Courthouse (electrical work, etc.)
Owner—County of Contra Costa.
Plans by County Engineer, Martinez.
Work is being financed in part by the WPA.

PROJECT APPROVED

ONTARIO, San Bernardino Co., Cal. —WPA has given final approval to the Ontario City Hall Project, estimated to cost $80,000. No definite date has been set for starting work. G. Stanley Wilson, Mission Inn, Riverside, Architect. 8

Plans Complete.

CITY HALL & FIREHOUSE $——
WILLIAMS, Colusa Co., Calif.
One-story city hall and firehouse.
Owner—City of Williams.
Architect—Starks & Flanders, Forum Bldg., Sacramento.
Plans filed with the WPA and upon approval construction will start.

Low Bidder

ALTER CITY HALL Cost, $154,000
PORTLAND, Oregon.
Alterations to city hall (work involves entire re-arrangement of council chambers, opening new entrances, completing rooms in north light well, etc.)
Owner—City of Portland.
Architect—A. E. Doyle, 1040 Pacific Bldg., Portland.
Low Bidder—Reimers & Jolivett, Railway Exchange Building, Portland, $149,863.

Plans Being Prepared

CITY HALL Cost, $——
SAN LEANDRO, Alameda Co., Calif.
Two-story frame and stucco city hall (10 offices, quarters for police and fire department, city council chambers, etc.)
Owner—City of San Leandro.
Engineer—John Carl Thayer, City Engineer, San Leandro.
Architect—E. P. Whitman, Los Gatos

Bids Wanted—To Close Feb. 10, 2 P.M.

COURT HOUSE Cost, $400,000
SALINAS, Monterey Co., Calif. Site of Old County Courthouse (Cayuga Street).
Three - story reinforfed concrete fireproof court house (reinf. concrete foundations, steam heating plant, gas fired boilers, temperature control, composition roof, etc.)
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St. Salinas, and Robert Stanton, Carmel and Monterey.
Engineer—Richard Ware, % architects
Bids will be taken on a general contract for work complete.
Plans and specifications may be obtained from the architects, the county clerk at Salinas and Builders' Exchange, 666 Mission St., San Francisco and on file at the Builders' Exchange, 3720 Avalon Blvd., Los Angeles.

Bids Opened

LIBRARY Cost, $20,100
ALAMEDA, Alameda Co., Calif. NW Eighth St. and Santa Clara Ave.
One-story branch library.
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St., Alameda.
Low Bidder—Villadsen Bros., 40 Winsor St., Piedmont.
Complete bids follow:
(1) deduct; (2) add.

*Villadsen Bros., Piedmont	$23,590	
	(1)	3,410
	(2)	160
Kelly Tulloch, Oakland	$23,735	
	(1)	3,588
	(2)	150
E. T. Leiter & Son, Oakland	$25,787	
	(1)	3,200
	(2)	200
Lyons Const. Co., Oakland	$26,780	
	(1)	3,400
	(2)	130

* Bid not considered due to irregularity in bid form.
Recommendation made to PWA that contract be awarded to Kelly & Tulloch, at $23,885, accepting Alternate 2. Villadsen Bros.' bid held pending PWA decision.

Contract Awarded.

LIBRARY Cont. Price, $42,368
BERKELEY, Alameda Co., Cal. The Alameda.
One-story reinforced concrete library (tile roof, hot air heating system).
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.

PLANS AVAILABLE

SALINAS, Monterey Co., Cal.—Plans and specifications on the Monterey County Courthouse may be obtained at the Builders Exchange, 666 Mission Street, San Francisco, upon deposit of $50. Bids will be opened on February 10, 2 P. M. in Salinas.

BONDS VOTED

SEBASTOPOL, Sonoma Co., Cal.—City of Sebastopol voted bonds in the amount of $7,500 January 14 to finance construction of a one-story frame and and stucco city hall in Sebastopol.
Working drawings will be prepared by Architects Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.

14— RESIDENCES

Contract Awarded.

RESIDENCE Cost, $7888
CARMEL, Monterey Co., Calif.
Two-story frame residence (Monterey typ).
Owner—Dr. Charles Gardner, Carmel.
Architect—Guy Koepp, Carmel.
Contractor—A. C. Stoney, Carmel.

Sub-Bids Being Taken.

RESIDENCE Cost, $5000
SAN FRANCISCO. N Ulloa St. near Fourteenth Avenue.
One-story and basement frame and stucco residence (5 rooms) shingle tile roof, gas heating system, wood sash, hardwood floors, etc.; French style of architecture.
Owner and Builder—A. Halsen, 2427 25th Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Sub-Bids Being Taken.

RESIDENCE Cost, $6000
SAN FRANCISCO. College and Crescent Sts.
One-story and basement frame and stucco residence (6 rooms and 2 baths) shingle, tile and composition roofing, gas heating system, tile baths and kitchen, canvas walls, mahogany trim, wood sash.
Owner—Dr. R. S. Mancuso, 22nd and Mission Sts., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Sub-Bids Being Taken.

RESIDENCES Cost, $4500 each
SAN FRANCISCO. Alemany Blvd.
Four one-story frame and stucco residences (5 rooms) composition and tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. De Benedetti, 100 Brazil St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

To Be Done By Day's Work

RESIDENCE Cost, $4,000
SAN FRANCISCO. E Bartlett S 24th Street.
One - story and basement frame and stucco residence.
Owner and Builder—Antonio Ippolito, 122 Parish Street.
Architect—Not Given.

Preparing Preliminary Plans.

DUPLEX RESIDENCE $7000 each
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two-story frame and stucco duplex residences (5 rooms each) tile roof hot air heating system, steel sash, hardwood floors, tile baths, etc., (Spanish style of architecture).
Owner—Withheld (Oregon client).
Architect—Oscar Thayer, 1120 Union St., San Francisco.
Bids will be asked in about 15 days.

Plans Being Figured—Bids Close Jan. 18.

RESIDENCE Cost, $——
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One and one-half-story frame and stucco residence (5 rooms), Spanish type; tile and tar and gravel roof, gas hot air heating system, hardwood floors, steel sash, canvas walls, stall shower, patio, etc.
Owner—Roy Levy Jr.
Architect—Oscar R. Thayer, 1120 Union St., San Francisco.

Plans Being Completed.

RESIDENCES $9500 to $10,500 each
SAN MATEO, San Mateo Co., Calif.
Three two-story and basement frame, stucco and brick veneer residences (10 rooms, 3 baths, each) Colonial type, shingle roof, gas heating system, air conditioning system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Oscar R. Thayer, 1120 Union St., San Francisco.
Bids will be asked about Jan. 27.

Plans Being Figured — Bids Close January 20.
RESIDENCES Cost, $——
MENLO PARK, San Mateo Co., Calif.
Two one-story and basement frame and stucco residences (5 rooms each) gas heating system, asbestos shingle roof, wood sash, hardwood floors, etc.
Owner—Sam W. Crozier.
Architect — Oscar R. Thayer, 1120 Union St., San Francisco.

Contract Awarded.
RESIDENCES Cost, $4500 to $5000 ea.
SAN JOSE, Santa Clara Co., Calif. Sherwood St., between Newhall and O'Brien Court.
Four one-story frame and stucco residences (five rooms each) and four one-story frame and stucco residences (6 rooms each).
Owner—Cooper & Lowe.
Architect—Edward Kress, 121 Mayellen Ave., San Jose.
Contractor—M. W. Reese, 1210 Minnesota Ave., San Jose.

Plans Being Figured — Bids Close January 22.
RESIDENCE Cost, $——
ALAMEDA, Alameda Co., Cal. San Jose Avenue.
Two-story frame and stucco residence (7 rooms) shingle roof, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—Kent & Hass, 525 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Calif. Alvarado Road.
Two-story and basement frame residence (8 rooms, 4 baths) California-Colonial type, shake roof, air conditioning system, steel sash, hardwood floors, etc.
Owner—Daniel McPeak.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded
RESIDENCE Cost, $——
CARMEL, Monterey Co., Calif.
One-story wood frame residence.
Owner—Mrs. Diantha Miller.
Architect—W. W. Wurster, 260 California St., Sand Francisco.
Contractor—Dowsett - Ruhl Co., Russ, Bldg., San Francisco (low bidder).

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 3710 Elston Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. W. Scammell 424 Scenic Ave., Piedmont.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO. E Fillmore St. S North Point.
One - story and basement frame and stucco residence.
Owner & Builder—Ben Liebman, 1555 Francisco Street.
Architect—R. R. Irvine, 3431 Market Street.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 3933 Oakmore Road.
One - story and basement frame and stucco residence (six rooms).
Owner—Herman Meyers, 3812 Broadway, Oakland.
Architect — E. R. MacDonald, 3812 Broadway, Oakland.
Contractor—A. F. Anderson, 3524 Harbor View Ave., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 18th Avenue S Vicente Street.
One - story and basement frame and stucco residence.
Owner & Builder—S. F. Johnson, 2601 17th Street.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 2219 Pacific St.
Alterations to residence.
Owner—F. J. Willis, Crocker 1st National Bank Bldg.
Architect—Not Given.
Contractor—Oscar Presco & Sons, 250 Langton Street.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. N Liberty 155 E Noe Street.
One - story and basement frame and stucco residence.
Owner—J. J. Franusich, 252 Theresa.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford Street

Sub-Bids Being Taken.
RESIDENCE Cost, $6,000
SAN FRANCISCO. College and Crescent.
One - story and basement frame and stucco residence (6 rooms and 2 baths) shingle, tile and composition roofing, gas heating system, tile baths and kitchen, canvas walls, mahogany trim, wood sash.
Owner—Dr. R. S. Mancuso.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded.
RESIDENCE Cost, $4265
SAN FRANCISCO. W Tenth Ave., Golden Gate Heights.
One-story and basement frame and stucco residence.
Owner—Grace E. Ringressy.
Architect—C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—J. Messenger, 5107 Lincoln Way, San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. SE Ottawa and Ellington Streets.
One-story and basement frame and stucco residence.
Owner—Dolores Realty Co., 3090 16th St., San Francisco.
Architect—Not Given.
Contractor—A. H. Ohlsen, 242 Vienna St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $4000
SAN CARLOS, San Mateo Co., Calif.
One-story and basement frame and stucco residence (5 rooms) Monterey style; shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County.
One-story frame and stucco residence (7 rooms, 3 baths) wood shingle roof, gas heating system, wood sash, tile baths; Rambling Type.
Owner—F. H. McCrea.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—C. H. Bessett Bldg. Co., 926 Walnut Ave., Burlingame (low bidder).

Contract Awarded.
OAKLAND, Alameda Co., Cal. Brookdale Ave. E Coolidge.
One-story and basement frame and stucco residence.
Owner—C. C. Calsen, 3033 Bartlett Ave., Oakland.
Architect—Not Given.
Contractor—C. F. Tollefsen, 3311 E-17th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 15 Agnes Street.
Two-story frame and stucco residence (6 rooms).
Owner—W. W. Madison 1880 San Antonio St., Berkeley.
Architect—Not Given.
Contractor—Miller White Constr. Co., 1880 San Antonio St., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 2956 Seventy- Fifth Avenue.
One and one-half-story frame and stucco residence (5 rooms).
Owner and Builder — Folke Wallin 2150 50th Ave., San Francisco.
Architect—Not Given.

Plans Being Revised.
RESIDENCE Cost, $4500
SAN FRANCISCO. Sunset District.
One - story and basement frame and stucco residence (6 rooms) Mongas heating system, wood sash, terey - Colonial type, wood sash, hardwood ors, tile bath, etc.
Owner—Mrs. Scott.
Architect—Earl McDonald, 3812 Broadway, Oakland.

Contract Awarded
RESIDENCE Cost, $12,000
SAN FRANCISCO. Francisco Heights.
Two-story and basement frame residence (New England style) seven rooms, 2 baths; whitewashed brick front, slate roof, etc.
Owner—Mrs. H. Young.
Architect—D. D. Stone, 110 Sutter St.
Contractor—Fred. K. DuPuy, 110 Sutter Street.

Preparing Working Drawings.
RESIDENCE Cost, $4,800
RICHMOND, Contra Costa Co., Calif.
One- and two-story frame and stucco residence (shake roof, gas heating, wood sash, tile baths, etc.)
Owner—Withheld.
Architect—Earl McDonald, 2812 Broadway, Oakland.
Bids will be asked in about 1 week.

Sub-Contracts Awarded.
RESIDENCE Cost, $8000
ALAMEDA, Alameda Co., Cal. No. 3101 Gibbons Drive.
Two-story frame, stucco and rustic residence (7 rooms).
Owner—Chas. W. Cox, Alameda.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Piedmont.
Contractor, H. C. Knight, 1435 Harrison St., Oakland.
Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland
Electric—Ansel Electric Co., 1401 Park Ave., Alameda.
Plastering — Nicol-Darcey & Schwab. 1539 9th St., Alameda.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
MILLBRAE, San Mateo Co., Calif. Taylor Blvd.
One-story frame and stucco residence
Owner and Builder—Nils Schultz, 1 Hillcrest Blvd., Millbrae.

Architect—Not Given.
Contract Awarded.
RESIDENCE Cost, $4,000
COLMA, San Mateo Co., Cal. Pierce Street.
One-story frame and stucco residence
Owner—A. & R. Olcece.
Architect—Not Given.
Contractor — Henry Erickson. 972 Chenery St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
MILLBRAE HIGHLANDS, San Mateo Co., Cal. Magno'ia Ave.
One-story frame and stucco residence
Owner—J. H. Dore.
Architect—Not Given.
Contractor — Nicolaides & Son, 218 Peninsula Ave., San Mateo.

To Be Done By Days Work.
RESIDENCE Cost, $4000
MILLBRAE, San Mateo Co., Calif. Palm Avenue.
One-story frame and stucco residence
Owner and Builder—Niels Schultz, 1 Hillcrest Blvd., Millbrae.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 1406 Queen's Road.
Two-story rustic residence.
Owner—James Higgins.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Contract Awarded
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Calif.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) asbestos shingle roof, oil burning heating system, steel sash hardwood floors, tile baths, etc.
Owner—Dr. J. B. Graeser, 2706 Claremont Ave., Oakland.
Architect—Michael Goodman, 2163 Center St., Berkeley.
Contractor—H. K. Schulz, 811 Mendocino Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
Two-story frame and stucco residence (6 rooms and 2 baths) shingle roof, steel sash, hardwood floors, tile baths, etc.
Owner—F. C. Clowdsley.
Architect—J. U. Clowdsley, Exchange Building, Stockton.
Contractor—E. Merlo, Route 2, Box 232, Stockton.

Contract Awarded
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
Two-story frame and rustic residence (8 rooms and 3 baths) shingle roof gas heating system, wood sash, hardwood floors, etc.
Owner—Bolling Chinn.
Architect—J. U. Clowdsley, Exchange Building, Stockton.
Contractor—E. Merlo, Rte. 2, Box 232, Stockton.

Plans Being Prepared.
RESIDENCE Cost, $12,000
STOCKTON, San Joaquin Co., Calif. Country Club Blvd.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) heavy shingle roof, gas furnace, steel sash, tile baths, hardwood floors, etc.
Owner—J. W. Glenn.
Architect—J. U. Clowdsley, Exchange Building, Stockton.
Bids will be asked in one week.

Contract Awarded
RESIDENCE Cont. Price, $5,244
STOCKTON, San Joaquin Co., Calif. Pacific Manor.
One - story and basement frame and stucco residence (5 rooms) shingle roof, gas heating system, steel sash, hardwood floors, tile bath.
Owner—Ethel May Hill.
Architect—J. U. Clowdsley, Exchange Building, Stockton.
Contractor—B. T. Parsons, Route 4, Box 305, Stockton.

Segregated Bids Being Taken.
RESIDENCE Cost, $5,800
OAKLAND, Alameda Co., Cal. Oakmore Tract.
Monterey Colonial residence (5 rooms, one bath) steel sash, shake roof, brick fireplace, gas heat.
Owner—A. M. Polinsky.
Architect—Earl McDonald, 3812 Broadway, Oakland.

Postponed Indefinitely
RESIDENCE. Cost, $——
PIEDMONT, Alameda Co., Calif. Upper Piedmont Estates.
Two-story frame and stucco residence (8 rooms and 3 baths) tile roof, wood sash, gas heating system.
Owner—Marion Buckley.
Architect—E. M. Sharpe, 525 Market Street, San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO. N Casa Way SE Marina Blvd.
Two-story and basement frame and stucco residence.
Owner—W. C. Fox.
Architect—Fred Reimers, 233 Post St. San Francisco.
Contractor—Fred DuPuy, 110 Sutter St., San Francisco.
Lumber—Smith Lumber Co., 4th and Channel Streets.
Heating & Sheet Metal—Collan Heating & Shet Metal Co.
Plumbing—Geo. Wienholz, 765 Minna Street.
Mill Work — Brannan Street Planing Mill, 560 Brannan St.
Glass and Glazing—Arthur Goepp, 70 12th Street.
Lathing and Plastering—Piconi Co.
Electric—Frank Goodman, 1466 33rd Avenue.
Stairs—E. D. Philbrick, 41 Sheridan St.

Contract Awarded
RESIDENCE Cost, $7,140
OAKLAND, Alameda Co., Cal. Montclair Estates.
Two - story and basement frame and stucco residence.
Owner—George M. Dufton, 3608 Lincoln Ave., Oakland.
Architect—W. I. Garren, 233 Post St., San Francisco.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded
RESIDENCE Cost, $4,000
PITTSBURG, Contra Costa Co., Calif.
One-story frame and stucco residence (five rooms).
Owner—Edwin Marchoke.
Architect—Not Given.
Contractor—Russell P. Cataline, 59 W 8th St., Pittsburg.

Plans Being Prepared.
RESIDENCE Cost, $4500
BERKELEY, Alameda Co., Calif. Shasta Road.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect — George P. Simonds, 192 Main St., Hayward.
Bids will be asked in about two weeks.

Plans Being Prepared.
RESIDENCE Cost, $4500
ORINDA, Contra Costa Co., Calif.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect — George P. Simonds, 192 Main St., Hayward.
Work will probably be done by day's labor.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. W 26th Avenue S Moraga Street.
Two one - story and basement frame and stucco residences.
Owner and Builder—C. T. Lindsay, 140 Duboce Avenue.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $3,500
SAN JOSE, Santa Clara Co., Cal. 641 North Sixteenth Street.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—R. C. Hartwig, 875 E Julian St., San Jose.
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCE Cost, $——
PASATIEMPO, Santa Cruz Co., Calif.
Two - story wood frame residene (12 rooms, 4 baths) shingle roof, wood sash, gas heating system, hardwood floors.
Owner—O. W. Lombardi.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Darrow Palmer, 254 Branciforte Ave., Santa Cruz.
Plumbing and Heating—Izant & Wilson.
Electric—Irvin Smith.
Lumber—Hebbron Lumber Co.
Wood Sash—Hebbron Lumber Co.
Concrete—Costella & Son.
All of Santa Cruz.

Contract Awarded
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 65 Rankin Avenue.
One - story and basement frame and stucco residence (six rooms).
Owner—Edmund C. Glynn, 460 North First St., San Jose.
Architect—Not Given
Contractor—Gibson-Wheeler Co., 19 N Second St., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 1626 Shasta Avenue.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—Rollie Williams, 1497 Shasta Ave., San Jose.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SACRAMENTO, Sacramento Co., Cal. No. 2664 Fourteenth St.
On-story and basement frame and stucco residence.
Owner and Builder—J. Pedone, 914 S St., Sacramento.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SACRAMENTO, Sacramento Co., Cal. No. 1700 Third Street.
One-story and basement frame and stucco residence.
Owner and Builder — Leonard Lund, 3240 I St., Sacramento.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SACRAMENTO, Sacramento Co., Cal. No. 2978 Marty Way.
One-story and basement frame and stucco residence.
Owner — A. Bruce Asbury, 1736 41st St., Sacramento.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $3000
REDWOOD CITY, San Mateo Co., Cal. No. 526 Grand Avenue.
One-story frame residence.

Owner and Builder—L. F. Bourquin, 128 Iris St., Redwood City.
Architect—Not Given.

Plans Being Prepared.
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo Co.
One and one-half-story frame and stucco residence (5 rooms) shingle roof, gas heating system, hardwood floors, etc.
Owner—Not Given.
Architect — Hertzka & Knowles, 369 Pine St., San Francisco.
Bids will be asked shortly.

Contract Awarded.
RESIDENCE Cast, $5000
SACRAMENTO, Sacramento Co., Cal. No. 1113 Fourth Avenue.
One-story frame and stucco residence.
Owner—W. B. Hughes.
Architect—Not Given.
Contractor — Hansen & Sutter, 308 Oakmont Ave., Sacramento.

Contract Awarded
RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Cal. 10501 Beverly Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner—G. Reynolds.
Architect—Not Given.
Contractor—J. B. Grubb, 1 8 0 1 109th Ave., Oakland.

Plans Being Figured.
RESIDENCE Cost, $16,000
BERKELEY, Alameda Co., Cal. Arlington Avenue.
Two-story frame, stucco and brick veneer residence (10 rooms and 4 baths); slate roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Scott Martin.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
H. J. Schulz, 811 Mendocino Avenue, Berkely, is the only contractor figuring the plans.

Preparing Sketches.
RESIDENCES Cost, $6500 each
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd.
Three two-story frame and stucco & brick veneer residences (shake roofs, gas heating system, oak plank floors, etc.)
Owner and Builder—Randolph Parks, 1847 Yosemite Ave., Berkeley.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Plans Being Prepared.
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Cal. No. 2400 Piedmont Avenue.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Bids will be asked in about two weeks.

Plans Being Prepared.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Calif. Euclid Avenue.
One-story and basement frame and stucco residence (6 rooms) shake roof, steel sash, gas heating system, hardwood floors, etc.
Owner & Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Plans Being Prepared.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd.
One-story and basement frame and stucco residence (6 rooms) California Colonial style; shake roof, steel sash, hardwood floors, gas heating system, etc.
Owner—Mrs. Cassidy.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Plans Being Prepared.
RESIDENCE Cost, $——
ROCKRIDGE, Contra Costa Co., Cal. St. Johns Court.
Two-story frame and stucco residence (7 rooms and 2 bathts); shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Construction Started.
RESIDENCE Cost, $6,500
PIEDMONT, Alameda Co., Calif. 409 Park Way Avenue.
Two - story frame and stucco residence (six rooms).
Owner and Builder—H. P. Fisher, 1058 Winsor Ave., Piedmont.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.

To Be Done By Day's Work
ALTERATIONS Cost, $14,000
PIEDMONT, Alameda Co., Calif. 27 Highland Street.
Alterations and additions to residene.
Owner—C. C. Broadwater, 27 Highland St., Piedmont.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO. W 37th Avenue S. Cabrillo St.
One - story and basement frame and stucco residence.
Owner—Chas. Smith, 866 36th Avenue.
Architect—Not Given.
Contractor—Harry Scott, 4520 Cabrillo Street.

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E Ninth Avenue S Lawton Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—T. W. McClenahan, 333 16th Avenue.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
SAN FRANCISCO. S Balboa Street E 47th Avenue.
Two - story and basement frame and stucco residence.
Owner—Arthur and Adele Poulin, 643 Fifth Avenue.
Architect—Not Given.

Low Bidder
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
Two-story frame and stucco residence (6 rooms) French style, wood shingle roof, gas heating system, wood sash, hardwood floors, tile floor in bath, etc.
Owner—Withheld.
Architect—Victor Galbraith, 211 East Acacia St., Stockton.
Low Bidder—B. T. Parsons, Route 4, Box 305, Stockton.

15— SCHOOLS

CONTRACT AWARDED
LOS ANGELES, Cal.—P. P. Shelby, % J. A. Riddell, Room 200, 111 West Seventh St., Los Angeles, awarded the contract by South Pasadena High School District at $49,944 (subject to the approval of the PWA) for two-story science building to be erected at South Pasadena high school, corner of Diamond and Rollins Streets, South Pasadena. Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, architects.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal.—Architect W. E. Erkes, 1121 Rives-Strong Building, commissioned by Los Angeles board of education to prepare plans and specifications for an addition to Bldg. No. 1 at the First Street school, 2820 E. First St. Cost, $70,000.

January 16, 1936

BIDS WANTED
RODERICK, Nevada—Until January 22, 3 P. M., bids will be received by J. P. Cadlini, Clerk, Derby School District, near Roderick, Nevada, for the construction of a new school building.
Plans and specifications may be obtained from Architect J. H. Dodd, 786 West Fourth St., Reno, Nevada.
15

January 16, 1936

Bids Wanted — To Close January 31, 2:00 P. M.
GUSTINE, Merced Co., Calif.
HIGH SCHOOL Cost, $75,000
One-story frame & stucco high school (steel truss in auditorium) four classrooms, auditorium to seat 500 and cafeteria.
Owner — Gustine Union High School District.
Architects—W. G. Corlett and E. A. Russ, 1801 Bank of America Bldg. Oakland.
Plans and specifications may be obtained from the architects upon deposit of $25.
On previous bid opening, lowest bid was submitted by Carl N. Swenson, 355 Stockton Ave., San Jose, at $96,867.

Sub-Contracts Awarded.
ADDITION Cont. Price, $25,340
CLARKSBURG, Yolo Co., Calif.
Addition to high school.
Owner—Clarksburg Union High School District.
Architect—Harry Devine, Cronan Bldg Sacramento.
Contractor—Azevedo Constr. Co., 920 O St., Sacramento.
Roofing—Bush Roofing Co., 1912 K St.
Plumbing—Luppen & Hawley, 3126 J Street.
Electric Wiring—J. C. Hobrect, 1020 J Street.
Heating—M. R. Carpenter, 907 Front Street.
Sheet Metal—McLaughlin Sheet Metal Works, 1914 I Street.
Tile—Fischer Tile & Marble Co., 1219 J Street.
Glass—T. E. Cain, Inc., 2416 J St.
Painting—Willcoxon & Wilson, 1724 34th Street.
Flooring—H. Weaver, 1865 49th St.
Reinforcing Steel — H. Weaver, 3909 Miller Way.
All of Sacramento.

Sub-Contracts Awarded
SCHOOL Cont. Price, $13,500
SALINAS, Monterey Co., Calif.
One - story frame grammar school (3 classrooms) wood siding.
Owner—Prunedale Elementary School District.
Architect—Chas. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market Street, San Francisco.
Contractor—W. J. Charters, Salinas.
Roofing—Tynan Roofing & Tile Co., Salinas.
Plumbing—Roy Campbell, Salinas.
Electric Wiring—Rodeo Elec. Co., Salinas.
Sheet Metal—Roy Campbell, Salinas.
Glass—Southern Pacific Mill Co., Salinas.
Lumber and Celotex—Southern Pacific Mill Co., Salinas.
Painting—C. A. Smith, Salinas.
Concrete—Granite Const. Co., Salinas.
Flooring—R. C. Douglas, Salinas.

Window Shades—L. Lion & Sons, San Jose.
Reinforcing Steel—Granite Const. Co., Salinas.
Wood Sash—Southern Pacific Milling Co., Salinas.

Sub-Contracts Awarded
STRENGTHEN SCHOOL
Contract Price, $21,976
CENTERVILLE, Alameda Co., Calif.
Strengthen Washington Union High School (steel and wood strengthening, etc.)
Owner—Washington Un. High School District.
Architect—Birge H. Clark, 310 University Ave., Palo Alto.
Contractor—C. N. Swenson, 355 Stockton Ave., San Jose.
Roofing—Fred. Hayden, San Jose.
Lathing and Plastering—I. L. Bridges, Palo Alto.
Lumber—Hansen Lumber Co., Centerville.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Structural Steel—Schrader Iron W'ks, 1247 Harrison St., San Francisco.

Bids Opened
ADMIN. BLDG. Cost, $150,000
TAFT, Kern Co., Calif. Taft Union High School Campus.
Two-story reinforced concrete administration building (concrete joist floors, steam heating system, flat roof, awning type patent windows study hall, library, offices and nine classrooms, etc.)
Owner—Taft Union High School Dist.
Architect—W. H. Weeks, 525 Market Street, San Francisco.
Complete bids follow:

General Work

Trewhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno	$77,900
Myers Bros., Los Angeles	81,792
H. A. Nichols, Los Angeles	83,838
Andy Sordal, Long Beach	88,433
O. M. Strausser, Long Beach	89,900
Opperman & Kampe, Bakersfi'd	91,230

Painting

Raphael Co., 270 Tehama St., San Francisco	$ 2,931
M. W. Hancock, Fresno	2,947
Patterson Bros., Berkeley	2,975
Earl Hinkle, Taft	3,319
Joe Stretter, Fresno	3,365
T. A. Rucker, Glendale	3,850

Finish Hardware—Linoleum Window Shades

Minna Furniture Co., Bakersfield	$ 5,373
Taft Furniture & Hdwe.	5,898

Electric

United Electric Co., 544 Golden Gate Ave., San Francisco	$ 4,290
Midway Electric Co., Taft	6,742

Plumbing, Heating and Ventilation

F. W. Peck, Taft	$15,635
J. E. Pettijohn, Delano	18,700
Scott Co., San Francisco	19,625
Frank Hudson, Fresno	20,365
B. A. Newman, Fresno	23,452

Bids held under advisement.

Bids Opened.
SCHOOL Cost, $16,500
LAKE COUNTY. Burns Valley.
One-story frame and stucco grammar school (3 classrooms and assembly hall).
Owner—Burns Valley School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder — A. O. Lightford, Upper Lake, $23,800.
Only other bid was submitted by D. Downey, Sebastopol, at $27,777.
Recommendation made to the PWA that contract be awarded to A. O. Lightford.

BOND ELECTION
ELKHORN, San Joaquin Co., Cal.—Elkhorn School District will vote on Jan. 28, on a proposal to issue bonds in the amount of $7,000 to finance construction of a brick veneer school building for the Elkhorn School District. Officers of the district are: Mrs. Ethel Hansen, Mrs. Caroline Holck, and Mrs. Alice Frost.

BONDS DEFEATED
PASO ROBLES, San Luis Obispo Co., Calif.—Paso Robles Union High School District defeated bonds in the amount of $18,000 January 9. Proceeds were to have financed construction of a one-story brick gymnasium at the high school.
Preliminary plans were prepared by Architect Orval Clark, 359 N. Ridgewood Place, Los Angeles.

Sub-Contracts Awarded.
LIBRARY UNIT
Cont. Price. $124,920
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Brick library building (first unit of Junior College annex).
Owner—Sacramento School District.
Architect—H. J. Devine, Cronin Bldg., Sacramento.
Contractor — Wm. C. Keating, 1121 24th St., Sacramento.
Roofing—Bush Roofing Co.
Plumbing—Hately & Hately, 1710 10th Street.
Electric Wiring—Geo. C. Foss, 1720 8th Street.
Heating—M. R. Carpenter, 907 Front Street.
Sheet Metal — Wagner Sheet Metal Works, 2900 M Street.
Tile Work—H. P. Fischer Tile & Marble Co., 1219 Jay St.
Glass—W. P. Fuller & Co.
Iron Grille Work—Palm Bridge & Iron Works, P. O. Box 746.
Lathing and Plastering — Thos. F. Scollan Co., 720 I St.
Lumber—Friend & Terry.
Wood Sash and Mill Work—Burnett & Sons, 11th and C Sts.
Painting—Willcoxon & Wilson, 1724 34th Street.
Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
Structural Steel—Palm Bridge & Iron Works, P. O. Box 746.
All of Sacramento unless otherwise noted.

Sub-Contracts Awarded
ALTERATIONS Cont. Price, $143,725
BERKELEY, Alameda Co., Calif. 1775 Rose Street.
Alterations to Garfield School.
Owner—Berkeley School District.
Architect—Bakewell and Welhe, 251 Kearny St., San Francisco.
Engineer—Thomas F. Chace, Berkeley Board of Education, Berkeley.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.
Demolition of Buildings—Emsco Concrete Cutting Co., 260 Clementina St., San Francisco.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.

Bids Wanted—To Close Jan. 27, 7:30 P. M.
ADDITION Cost, $45,000
VISALIA, Tulare Co., Calif.
Two high school additions (two-story four-room addition to academic building, and one-story chemistry laboratory and classroom addition to science hall.
Owner—Visalia Union High School District.
Architect—C. A. Balch, 1914 S Vermont Ave., Los Angeles.
Plans and specifications may be obtained from W. R. Bailey, Larkins Bldg., Visalia.

Bids Wanted—To Close Jan. 24, 8 P.M.
SCHOOL Cost, $45,000
HILMAR, Merced Co., Calif.
One-story frame and stucco elementary school (8 classrooms).
Owner—Elim Union School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Bonds in the amount of $30,000 were voted January 13.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

BIDS WANTED
LONG BEACH, Cal.—Until January 31, 4 P. M., bids will be received by Long Beach board of education for the construction of the administration building at the Lindbergh junior high school. Plans and specifications may be obtained from the business manager of the board, 715 Locust Avenue, Long Beach, upon deposit of $25. F. H. Gentry, engineer. Jergins Trust Bldg., Long Beach.

TO ASK BIDS
COOLIDGE, Arizona.—Pinal County School District No. 6 will call for bids soon for a new high school building to be erected in Coolidge, a PWA project. It will be a two-story structure, containing ten classrooms, combination gymnasium & auditorium, shower and dressing rooms and offices; frame and stucco construction, tile roofing, heating plant, etc. Estimated cost, $105,000. O. A. Bell, Heard Bldg., Phoenix, architect.

BID REJECTED
ROUND MOUNTAIN, Nev.—Round Mountain School District rejected one bid received January 9 for construction of a school building in Nye County, Nevada, and instructed Structural Engineer George J. Fosdyke, 112 N. Main Street, Los Angeles, to revise the plans. Hilberg Hanson, Reno, submitted the only bid at $15,217. The building will contain five classrooms and will have stucco exterior, composition shingle roof and heating plant.

LOW BIDDER
SOUTH PASADENA, Los Angeles Co., Cal.—Peter P. Shelby, % J. A. Riddell, Room 200, 111 W. 7th St., Los Angeles, submitted low bid to South Pasadena High School District at $49-944, for two-story science building to be erected at South Pasadena high school, corner of Diamond and Rollins Sts., South Pasadena. Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, architects.

Bids Opened.
GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (lockrs, showers, etc.)
Owner—Nevada City Hall School District.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Low Bidder—C. L. Wold Constr. Co., 4412 Fulton St., San Francisco.
Complete bids follow:

General Work

C. L. Wold, S. F.	$79,855
Jas. L. McLaughlin, S. F.	84,250
Fred J. Early Jr., S. F.	90,588

Electric

United Electric Co., 1190 Bryant St., San Francisco	$1,261
Spencer Elec. Co., S. F.	1,514
American Elec. Co., S. F.	1,690

Mechanical Work

M. J. Reeves Heating Co., 959 Natoma St., San Francisco	$11,136
Luppn & Hawley, Sacramento	11,265
Scott Co., Inc., S. F.	11,628

Complete list of alternate proposal on file in the office of the DAILY PACIFIC BUILDER, and may be inspected by those interested.

CONTRACT AWARDED
RAMONA, San Diego Co., Calif.—Harry Muns, 841 Bank of America Bldg., San Diego, awarded contract

by Ramona Union High School District, at approximately $60,000, for the construction of a school building at Ramona, a PWA project. Wm. P. Lodge, 509 Fifth Ave. Bldg., San Diego, architect.

Bids Opened.

SCHOOL Cost, $43,048
HANFORD, Kings Co., Cal. Douty and Courtney Streets.
One-story reinforced concrete elementary school (North Grammar School).
Owner — Hanford Elementary School District (W. C. Tar, Clerk).
Architect—W. D. Coates, Rowell Bldg. Fresno.
Low Bidder—R. P. Moore, 3662 Verrue Ave., Fresno.
Complete bids follow:
R. P. Moore, Fresno.....$49,600
Fisher & McNulty, Fresno..... 54,998
Trewhitt Shields & Fisher, Fresno 56.591
Bids held under advisement.

New Bids Wanted—To Close February 4, 4:00 P. M.

ASSEMBLY Cost, $31,250
OAKLAND, Alameda Co., Calif. Chabot Road and Patton Street.
One-story frame and stucco assembly at Chabot School (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Oakland Board of Education.
Plans and specifications may be obtained from the architect upon deposit of $25.
On previous bid opening only bid was submitted by B. A. Howkins, 1182 Market St., San Francisco, at $35,375.

Award Recommended.

SCHOOL Cont. Price, $39,300
HANFORD, Kings Co., Cal. Douty and Courtney Streets.
One-story reinforced concrete elementary school (North Grammar School).
Owner — Hanford Elementary School District (W. C. Tar, Clerk).
Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor—R. P. Moore, 3662 Verrue Ave., Fresno.
Recommendation made to the PWA that contract be awarded to R. P. Moore accepting Alternate 1, a deduction in the amount of $10,300.

Plans Being Prepared

MANUAL TRAINING SHOP
MONTEREY, Monterey Co., Cal. Pacific Street.
One - story fireproof manual training shop (forge).
Owner—Monterey Elementary School District.
Architects—Roland Stringham and John Evers, 525 Market St., San Francisco.

Bids Opened

GYMNASIUM Cost, $241,000
TULARE, Tulare Co., Calif.
Two new classroom buildings and repairs to gymnasium and central heating plant.
Owner — Tulare High School District (W. B. Knokey, Supt. of Schools).
Architect—W. D. Coates, Rowell Bldg. Fresno.

General Work

(a) General construction, academic bldg., including connecting passage.
(b) General construction, central heating plant bldg. and service tunnels.
(c) General construction, assembly building.
(d) General construction, academic building, cafeteria wing.
(e) Concrete, inc. excavation, forms, reinf. steel, concrete in place and for stripping forms and any backfill, per c.y.
(Alt. 1) If architectural windows of assembly bldg. are changed from steel to wood, deduct.
(Alt. 2) If stage curtain is included, add;
(Alt. 3) If kitchen equipment in included, add;
(Alt. 4) If laundry equipment is included, add;
(Alt. 5) If assembly chairs are included, add, each chair.

A. Nelson, Inc., 242 Ocean Ave., S. F.	(a)	$ 93,258.00
	(b)	4,905.00
	(c)	153,157.00
	(d)	39,668.00
	(e)	21.00
	(Alt. 1)	100.00
	(Alt. 2)	2,390.00
	(Alt. 3)	3,995.00
	(Alt. 4)	775.00
	(Alt. 5)	7.50
Midstate Const. Co. and W. J Ochs, Fresno	(a)	$ 96,496.00
	(b)	4,249.00
	(c)	149,954.00
	(d)	41,179.00
	(e)	22.50
	(Alt. 1)	2,500.00
	(Alt. 2)	2,500.00
	(Alt. 3)	4,100.00
	(Alt. 4)	1,100.00
	(Alt. 5)	7.00

Plumbing

(1) Academic building;
(2) Central heating plant building.
(3) Assembly building.
(4) Cafeteria wing.

Canby Plbg. Co., 122 N "J" St., Tulare	(1)	$ 6,702
	(2)	14,316
	(3)	.....
	(4)	7,957
Scott Co., S. F.	(1)	$ 8,687
	(2)	8,647
	(3)	13,607
	(4)	4,237
Frank Hudson	(1)	$10,737
	(2)	8,829
	(3)	1,565
	(4)	6,085
B. A. Newman, Fresno	(1)	$11,350
	(2)	9,300
	(3)	15,579
	(4)	6,530
Barrett-Hicks Co., Fresno	(1)	$12,098
	(2)	9,239
	(3)	16,293
	(4)	6,779
J. E. Pettijohn, Delano	(1)	$13,400
	(2)	9,350
	(3)	17,950
	(4)	7,450

Electric

(e) Academic building.
(e1) Heating plant and boiler room;
(e2) Assembly building.
(e3) Cafeteria wing only;
(f1) Fixtures for cafeteria.
(f2) Fixtures for north wing of academic building.
(f3) Fixtures for boiler room.
(Alt. 1) Stage equipment.

American Elec. Const. Co., 462 Bryant St., S. F.	(1)	$ 4,791
	(e1)	5,150
	(e2)	10,450
	(e3)	3,235
	(f1)	625
	(f2)	645
	(f3)	270
	(Alt. 1)	2,350
Electric Const. Co., Fresno	(1)	$ 5,618
	(e1)	4,893
	(e2)	11,376
	(e3)	1,044
	(f1)	595
	(f2)	342
	(f3)	206
	(Alt. 1)	1,684
Robinson Elec. Co., Fresno	(1)	$ 5,888
	(e1)	5,555
	(e2)	12,669
	(e3)	4,306
	(f1)	683
	(f2)	525
	(f3)	292
	(Alt. 1)	1,350

All bids held under advisement.

Plans Complete.

AUDITORIUM Cost, $20,000
SAN PABLO, Contra Costa Co., Cal.
One-story frame and stucco auditorium (to seat 500).
Owner—San Pablo School Dist. (E. A. Palmer, Principal).
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Application has been filed with the WPA to assist financing project.

Contract Awarded.

SCHOOL Cost, $18,687
CONCORD, Contra Costa Co., Calif.
One-story frame and stucco school (3 classrooms, library, offices and toilet facilities) tile roof, steam heating systm, wood floors, etc.
Owner—Clayton Valley School Dist.
Architect—E. W. Cannon, 81 Echo St. Oakland.
Contractor—E. T. Leiter & Son, 811 37th St., Oakland.
Complete bids published Dec. 30.

Plans Being Prepared.

ALTERATIONS Cost, $6500
DAVIS, Yolo Co., Calif. Campus of College of Agriculture.
Alterations to chemistry building.
Owner—State of California.
Architect — William Hayes, Crocker First National Bank Bldg., San Francisco.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect Kenneth MacDonald, Jr., 3305 Wilshire Blvd., commissioned by Los Angeles Board of Education to prepare plans for school auditorium to be erected at Los Feliz School, 4737 Hollywood Blvd. Cost, $30,000. Mr. MacDonald was also authorized to prepare plans for a new school building at the above site. Cost, $100,000.

Bids Opened.

SCHOOL Cost, $24,454
NAPA, Napa Co., Calif.
One-story reinforced concrete elementary school (two classrooms and auditorium to seat 200).
Owner—Mt. George Union Elementary School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Low Bidder—John E. Branagh, 116 Monticello Ave., Piedmont.
Complete bids follow:
(1) ded. for omitting blackboards.
(2) ded. for omitting portion of interior painting.

John E. Branagh, Piedmont		$18,770
	(1)	390
	(2)	503
E. J. Vienop, Napa		$19,800
	(1)	386
	(2)	372
H. W. Robertson Sacramento		$22,154
	(1)	400
	(2)	1,200
Moore & Roberts, S. F.		$22,350
	(1)	375
	(2)	400

Recommendation made to the PWA that contract be awarded to John E. Branagh, Piedmont.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect George Adams, 5th Floor, 5514 Wilshire Blvd., commissioned by Los Angeles Board of Education to prepare plans for new classroom building and auditorium to be erected at Hoover Street School, 867 S. Hoover St. Cost $80,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architects Parkinson & Parkinson, 808 Title Insurance Bldg., commissioned by Los Angeles Board of Education to prepare plans for school auditorium to be erected at Manual Arts High School, 4131 S. Vermont Ave. Cost $105,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect A. F. Rosenheim, 1151 S. Broadway, commissioned by Los Angeles Board of Education to prepare plans for boys' physicial education building, new administration building and shop to be erected at Hollenbeck Junior High School, 602 S. Soto St. Cost, $380,000.

COMMISSIONED TO PREPARE PLANS

VAN NUYS, Los Angeles Co., Cal.—Architect J. Robert Harris, 6715 Hollywood Blvd., Los Angeles, commissioned by Los Angeles Board of Education to prepare plans for school auditorium to be erected at Van Nuys Elementary School, 6464 Sylvan St., Van Nuys. Cost, $30,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect Arthur L. Acker, 1345 S. Sycamore Ave., and Structural Engineer Harold C. Whittlesey, 525 N. Normandie Ave., commissioned by Los Angeles Board of Education to prepare plans for reconstruction, stregenthing and rehabilitation of the main brick building at Cheremoya Avenue School, 6017 Franklin Ave. Cost, $64,600.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect Raphael A. Nicolas, 614 Clem Wilson Bldg., and Structural Engineer Mark Falk, Lodi, commissioned by Los Angeles Board of Education to prepare plans for reconstruction, rehabilitation and strengthening of the main building at Solano Avenue School, 615 Solano Ave. Cost, $40,400.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect E. L. Bruner and Structural Engineers, Grant & Bruner, 607 Ferguson Bldg., commissioned by Los Angeles Board of Education to prepare plans for reconstruction, strengthening and rehabilitation of the south building (less second story over auditorium) at Sheridan Street School, 2322 E. Sheridan St. Cost, $61,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect W. H. Parker, 5627 Ensign Ave., North Hollywood, and Structural Engineer Winn C. Wilson, commissioned by Los Angeles Board of Education to prepare plans for reconstruction, rehabilitation and strengthening of Building No. 1 at Palo Verde School, 1029 Effie St. Cost, $40,400.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect L. A. Parker, 804 Architects' Bldg., commissioned by Los Angeles Board of Education to prepare plans for reconstruction, strengthening and rehabilitation of the main brick building at Griffin Avenue School, 2025 Griffin Ave. Cost, $47,000.

COMMISSIONED TO PREPARE PLANS

HUNTINGTON PARK, Los Angeles Co., Cal.—Architect George M. Lindsey, 6305 Yucca St., Los Angeles, commissioned by Los Angeles Board of Education to prepare plans for a school auditorium to be erected at Huntington Park High School, 6020 Miles Ave., Huntington Park. Cost, $105,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect Horold Cross, 124 W. Fourth St., commissioned by Los Angeles Board of Education to prepare plans for an auditorium and kindergarten building to be erected at Budlong Avenue School, 5940 S. Budlong Ave. Cost, $50,000.

BIDS WANTED

LOS ANGELES, Cal. — Until Jan. 24, 2:00 P. M., bids will be received by Los Angeles Board of Education Purchasing Division, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the main building at Forty-second Street School, 4231 Fourth Ave. Cost $71,500. A. F. Rosenheim, Architect, and R. McC. Beanfield, 629 Chamber of Commerce Bldg., Structural Engineer.

BIDS WANTED

VAN NUYS, Los Angeles Co., Cal.—Until January 21, 2:00 P. M., bids will be received by Los Angeles Board of Education Purchasing Division, 1425 S. San Pedro St., Los Angeles, for a new two-story classroom building to be erected at the Van Nuys High School, 6535 Cedros Ave., Van Nuys. Cost, $74,000. Allison & Allison, Architects; Franklin N. Ropp, 1014 Edison Bldg., Los Angeles, Structural Engineer and E. L. Ellingwood, H. W. Hellman Bldg., Los Angeles, Mechinal Engineer.

Bid Opening Date Postponed Until Jan. 25, 1 P. M.

SCHOOL Cost, $31,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (six classrooms and gymnasium) flat roof, steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St., San Francisco.

Bids will be opened at 2 P. M. on Jan. 25. Date was previously set for Jan. 18.

Plans and specifications may be obtained from the architects upon deposit of $15.00.

On previous bid opening lowest bid was submitted by Leibert & Trobock, San Rafael, at $55,915.

New Bids Wanted—To Close January 18, 7:30 P. M.

GYMNASIUM Cost, $60,000
AUBURN, Placer Co., Calif.
One-story steel-concrete gymnasium.
Owner — Placer Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

Plans and specifications may be obtained from the architect upon deposit of $25.

On previous bid opening lowest bid was submitted by Petersen & Steinbrenner, Sacramento, at $95,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect Elmer Grey and Structural Engineer C. J. Derrick, 816 W. 5th t., commissioned by Los Angeles board of education to prepare plans for the reconstruction, rehabilitation and strengthening of Building No. 1 at Euclid Avenue School, 805 Euclid Ave. Cost, $40,000.

Electrical Contract Awarded.

AUDITORIUM Cont. Price, $50,000
PLEASANTON, Alameda Co., Calif.
One-story reinforced concrete auditorium (to seat approx. 900).
Owner — Amador Joint High School District.
Architect—Henry S. Smith, Humboldt Bank Bldg., San Francisco.
Struc. Engr. — Norman B. Green, 55 New Montgomery St., S. F.
Contractor—A. Nelson, 242 Ocean Ave. San Francisco.
Electric — American Electric Constr. Co., 462 Bryant St., San Francisco

As previously reported, structural steel awarded to Judson Pacific Co., 609 Mission St., S. F.; reinforcing steel to W. S. Wetenhall, 17th and Wisconsin Sts., S. F.; mill work to Pacific Mfg. Co., 454 Montgomery St., S. F.

Award Recommended

SCHOOL Contract Price, $30,185
BRISBANE, San Mateo Co., Calif.
One-story frame and stucco grammar school (4 classrooms).
Owner—Visitacion Elementary School District.
Architect—Thos. Edwards, 9 Geary St. San Francisco.
Contractor—H. H. Smith, Daly City.

Complete bids published Jan. 7.

Bids Wanted—To Close Jan. 24, 8 P.M.

SCHOOL Cost, $34,000
MORRO, San Luis Obispo Co., Calif.
One-story school building.
Owner—Morro Union School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Plans and specifications may be obtained from the architect upon deposit of $10.00.

COMMISSIONED TO PREPARE PLANS

LOMITA, Los Angeles Co., Calif.—Architect M. R. Lawson, 424 South Broadway, Los Angeles, has been commissioned by Los Angeles board of education to prepare plans for a new building to be erected at Lomita School, 24,625 Narbonne Ave., Lomita. Cost, $90,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect Albert C. Martin, 233 Higgins Building, commissioned by Los Angeles board of education to prepare plans and specifications for a shop building at John H. Francis Polytechnic high school, 400 E. Washington St. Cost, $64,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Calif. — Architect Frederick Scholer, Room 1002, 811 W. 7th St., and Structural Engineer J. H. Davies, 213 Roycroft Ave., commissioned by os ALngeles board of education to prepare plans and specifications for the reconstruction, rehabilitation and strengthening of the 1922 portion of the main brick building at Rosemont Avenue chool, 421 N. Rosemont Ave. Cost, $42,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architects L. E. Wilson and E. E. Merrill, 549 Petroleum Securities Bldg., commissioned by Los Angeles board of education to prepare plans for a new classroom and auditorium building to be erected at Manchester Avenue School, 661 W. 87th St. Cost, $120,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Calif. — Architects Spencer & Landon, 1924 Hillhurst Av-

enue, commissioned by Los Angeles board of education to prepare plans for a new building to be erected at the Main Street school, 120 E 52nd St. Cost, $84,000.

Contract Awarded.
ADDITION Cont. Price, $39,067
MILLBRAE, San Mateo County, Cal. Chadbourne Avenue.
Addition to Millbrae elementary school (add three new classrooms, enlarge auditorium, new steam heating system, new plumbing system, add new lunch room and general repairs) and addition to Lomita Park School (add two new classrooms, new lunch room, new steam heating system, new plumbing system and general repairs).
Owner — Millbrae Elementary School District.
Architect—Thos. Edwards, 9 Geary St. San Francisco.
Contractor—John Looman, 125 Park Road, Burlingame.

Contract Awarded.
REPAIR SCHOOL Cost, $1500
SAN FRANCISCO. NW Twenty-third and Fair Oaks Sts.
Repair fire damage to school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco.

Sub-Contracts Awarded.
ADDITION Cont. Price, $20,452
SACRAMENTO COUNTY, Calif. Two miles east of Sacramento.
One-story frame and stucco addition to elementary school (2 classrooms and assembly hall).
Owner—Arden Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—Lawrence Const. Co., 5372 9th Ave., Sacramento.
Excavation—J. R. Reeves, RFD 3, Box 100.
Plumbing—Hately & Hately, 1710 10th Street.
Electric Wiring—Rex Moore, 616 San Antonio Way.
Sheet Metal — M. R. Carpenter, 907 Front Street.
Glass—T. E. Cain, 2416 J Street.
Lumber—Capital Lumber Co., 1812 9th Street.
Mill Work—Sierra Mill & Lumber Co., 201 V Street.
Reinforcing Steel—Palm Iron Works, P. O. Box 746.
All of Sacramento.

Contract Awarded
SCHOOL Cont. Price, $78,402
SAN RAFAEL, Marin Co., Cal. Fourth and E Streets.
One-story frame and stucco grammar school (ten classrooms and auditorium to seat 500).
Owner—San Rafael School District.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Contractor—DeLuca & Son, Inc., 1745 Filbert St., San Francisco.
Contract awarded on work complete accepting Alternates 1, 6, 7 and 9.
Complete bids published Dec. 31.

Sub-Contracts Awarded.
ADDITION Cont. Price, $82,737
LOS GATOS, Santa Clara Co., Calif.
Addition to high school (8 classrooms and music department) reinforced concrete construction.
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Contractor—J. D. Carlson, 1331 Sierra Ave., San Jose.
Roofing—Fred Hayden, 369 Stockton Avenue.
Electric Wiring — Roy Butcher, 1020 Sherwood Avenue.
Sheet Metal—Wm. Serpa, 497 N-13th Street.
Tile Work—Thomas Prise.
Glass—Le Delt Glass Co., 762 Lenzen Avenue.
Iron Grille Work—Engfer Iron Works, P. O. Box 11.
Lathing and Plastering—Joe Provenzano, 201 S-Market Street.
Lumber—Sterling Lumber Co., Los Gatos.
Hardware—San Jose Hardware Co.
Painting—Geo. Smith, Los Gatos.
Window Shades — San Jose Window Shade Co., 1007 S-First St.
Reinforcing Steel—San Jose Steel Co. 1344 The Alameda.
Structural Steel—Engfer Iron Works, P. O. Box 11.
All of San Jose unless otherwise noted.
As previously reported, plumbing and heating contracts awarded to Scott Co., 113 10th St., Oakland, at $9679.

Sub-Contracts Awarded.
ALTERATIONS Cost, $8842
OAKLAND, Alameda Co., Cal. No. 470-476 Twelfth Street.
Alterations and additions to building.
Owner—S. W. Schutz Estate Co.
Architect—Edwin T. Foulkes, 357 12th St., Oakland.
Contractor—Wilbur C. Cone, 608 16th St., Oakland.
Electric Wiring — California Electric Co., 1125 Oak St., Oakland.
Tile Work—Rigney Tile Co., 3021 Harrison St., Oakland.
Glass — Cobbledick Kibbe Glass Co., Washington at Third St., Oakland

Sub-Contracts Awarded.
SCHOOL Cont. Price, $31,676
DEL REY, Fresno Co., Calif.
One-story frame and stucco school building (six classrooms and auditorium to seat 500) tile roof, gas heating system, wood floors, etc.
Owner—Prairie School District.
Architect—Fred L. Swartz, Brix Bldg. Fresno.
Contractor—T. C. Irwin, 269 N. Fulton St., Fresno.
Plumbing—B. A. Newman, 320 North H St., Fresno.
Excavating and Concrete — H. Fosnaugh, Sanger.
Plastering—Wm. Smart, Fresno.
Painting—Eddy Paint Co., Porterville.
Mill Work—Hollenbeck-Bush Planing Mill, Fresno.
Iron and Steel—Kyle & Co., Fresno.
Roofing—Valley Lumber Co., Fresno.
Materials—Valley Lumber Co.
Electric Wiring — F. P. Vandergriff, Selma.

Plans Being Completed.
GYMNASIUM Cost, $50,000
SAN LUIS OBISPO, Cal. High School Campus.
One - story gymnasium (72x144 feet) steel frame structure, masonry walls, steel sash, maple floors, two sun decks, tile roof, electric wiring, metal skylights, stucco exterior, etc.
Owner—San Luis Obispo Board of Education.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Bids will be asked shortly.

LOW BIDDER
ANAHEIM, Orange Co., Calif.—O. T. Moore, 949 W. Highland St., Santa Ana, submitted low bid to the Loara School District at $35,070 for the complete construction of a new school building at Broadway and Loara Rd., west of Anaheim, a PWA project. L. R. Wilson, Box 1193, Santa Ana, submitted the lowest alternate bid at $28-000 for the building complete, less the auditorium portion. Richard M. Bates Jr., 664 S. Sycamore Ave., Los Angeles, architect.

Plans Awaiting State Approval
SHOPS Cost, $——
SACRAMENTO, Sacramento Co., Cal. West Freeport Blvd. bet. Bidwell Way and Sixth Avenue.
Shops for senior high school building (first unit).
Owner—Sacramento School District.
Architect—Starks & Flanders, Forum Bldg., Sacramento.
Plans on the shops awaiting approval of the State Division of Architecture, Sacramento.
Additional units for the high school plant, include 30 classrooms, laboratory, gymnasium, cafeteria and auditorium. Total cost of the project is $715,000.

New Bids Wanted—To Close February 4, 4:00 P. M.
ASSEMBLY Cost, $31,500
OAKLAND, Alameda Co., Cal. Brann and Morton Streets.
One-story frame and stucco assembly at Sherman School (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Oakland Board of Education.
Plans and specifications may be obtained from the architect upon deposit of $25.
John E. Branagh, 116 Monticello Ave., Piedmont, submitted the low bid of $36,100 on the previous bid opening.

BIDS OPENED
SAN FRANCISCO—Phoenix Day Co., 729 Mission St., at $1759 submitted low bid to Department of Public Works for electrical fixtures for the auditorium of the Girls' High School. Scott and O'Farrell Streets.
Complete bids follow:
Phoenix Day Co. $1759
R. Flatland 2250
Boyd Lighting Fixture Co. 2984
Bids held under advisement.

General Contract Awarded
SCHOOL Cont. Price, $132,000
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten and Hurd, 233 Post.
Structural Engineer—Walter Huber Crocker First Nat'l Bank Bldg.
Electrical Engineer—Leland & Haley, 58 Sutter Street.
Contractor—Anderson & Ringrose, 320 Market Street.
As previously reported, mechanical equipment and plumbing awarded to Herman Lawson, 465 Tehama St., at $24,880 and electrical contract to Lynn & Heffernan, 114 Ashton Ave., at $17-740.

Bids Wanted—To Close Jan. 30th, 7:30 P. M.
WAREHOUSE, ETC. Cost, $54,500
BAKERSFIELD, Kern Co., Calif. K and L Streets.
Warehouse, shop and garage building (reinforced concrete construction, brick filler walls).
Owner—Bakersfield City School District.
Architect—Ira W. Hoover and Wm. C. Hayes (Edwin J. Symmes office) Haberfelde Bldg., Bakersfield.
Plans and specifications may be obtained from the architects.

Bids Opened
MACHINE SHOP Cost, $219,584
SAN FRANCISCO. Geary Blvd., Balboa, 30th and 32nd Avenues.

Three - story reinforced concrete machine shop bldg. at Geo. Washington School (steel sash).
Owner—City and County of San Francisco.
Architect—Miller & Pflueger, 580 Market Street.
No bids were received on the general work.
Other bids follow:

Electrical Work

United Electric Const. Co., 514 Golden Gate Avenue	$ 8,847
Lynn & Heffernan	8,940
Alta Elec. & Mechanical Co.	8,958
H. S. Tittle	9,400
Central Electric Company	9,890
De Latour Electric Company	9,922
Victor Lemoge	9,937
R. Flatland	10,286
Abbett Electric Co.	10,976

Mechanical and Plumbing

Anderson & Rowe, 45 Belcher Street	$26,988
Herman Lawson	27,750
M. J. Reeves	28,500
J. A. Nelson, Inc.	29,100
Alta Elec. & Mechanical Co.	29,985

Low Bidder.
CONVENT Cost, $——
SAN FRANCISCO. N Oak Street 125 E Fillmore Street.
Two-story reinforced concrete convent (25 rooms) roof garden covered with terra cotta tile, Spanish tile on cornices, oak floors, steam heating and hot water system, colored plaster walls, etc.
Owner—Sacred Heart Parish.
Architect—John J. Foley, 770 5th Ave. San Francisco.
Low Bidder—Cahill Bros., 206 Sansome St., San Francisco.

Contract Awarded.
IMP. SCHOOL Cont. Price, $61,493
CROCKETT, Contra Costa Co., Calif.
Reconstruct west wing of the grammar school.
Owner — Carquinez Grammar School District.
Structural Engineer—Dewell & Earl, 55 New Montgomery Street, San Francisco.
Architect — H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—C. L. Wold Constr. Co., 4412 Fulton St., San Francisco.
Complete bids published Dec. 18.

16—BANKS, STORES AND OFFICES

Work Started.
ALTERATIONS Cost, $——
SAN FRANCISCO. Clay Street (China Town).
Owner—Sun Hall Benevolent Assn.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Painting—Cramer Bros., 1325 Clement St., San Francisco.
Carpentry, etc., is being done by day's labor.

PLANS BEING FIGURED
LOS ANGELES, Cal.—Architects A. R. Walker and P. A. Elsen, 708 Pacific Commerce Bldg., are taking bids for a market and store building to be erected on the southeast corner of Vermont Ave. and Sixth St. for Jos. Schenck. Cost, $75,000.

SUB-BIDS WANTED
SAN FRANCISCO. — Hannah and Wooldridge, 268 Market Street, desire sub-bids on all portions of the work for the construction of the market and office building to be erected on Columbus Ave. and Green St. for J. Capurro, for which bids will be opened January 18, 12 Noon.
Plans prepared by Architect M. J. Rist, Phelan Bldg.

Bids Wanted—To Close Feb. 11, 2 P.M.
OFFICE BLDG. Cost, $600,000
SACRAMENTO, Calif. N Street bet. 11th and 12th.
Four - story reinforced concrete office building (to house motor vehicle department offices) steam heating system, air conditioning, steel sash one freight elevator, three passenger elevators and two electric dumb waiters).
Owner—State of California.
Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.
Bids are being taken as follows:
(1) General work;
(2) Electrical work;
(3) Plumbing;
(4) Heating and Ventilating;
(5) Elevators.
Plans and specifications may be obtained from above office upon deposit of $25 for each set of plans.
As previously reported, Raymond Concrete Pipe Co., 333 Montgomery St. San Francisco, awarded contract for pile foundations at $71,578.

To Be Done By Day's Work
ALTERATIONS Cost, $8,000
SAN FRANCISCO. 39 Stockton St.
Alterations to store building.
Owner—Mode-O-Day Frock Shops of Los Angeles, 860 S. Los Angeles St., Los Angeles.
Architect—E. L. Alberts, 860 S. Los Angeles St., Los Angeles.

Owner Taking Bids.
ADDITIONS Cost, $1800
TRACY, San Joaquin Co., Calif.
Addition to plant (sales room, etc.)
Owner—C. W. Petersen, 355 Holly Dr., Tracy.
Architect—Russell Guerne De Lappe, 5905 Keith St., Berkeley.

To Be Done By Day's Work.
RESTAURANT Cost, $7000
SAN FRANCISCO. E Portola Drive 189 S High Street.
One-story frame restaurant.
Owner—Fat Boy Barbecue Cabins, Inc. 624 New Call Bldg.
Architect — Albert Larson, 2671 16th Ave., San Francisco.
Construction will be done by day's work under supervision of the owner, and will start about Jan. 23.

Sub-Contracts Awarded.
BUILDING Cost, $40,000
BERKELEY, Alameda Co., Cal. Bancroft Way near Telegraph Ave.
Two - story and basement Class C medical dental building (terra cotta tile roof, etc.)
Owner—F. C. Turner.
Architect—Miss Juplia Morgan Merchants' Exchange Bldg., S. F.
Heating—Aladdin Heating Corp., 5107 Broadway, Oakland.

Plans Being Prepared.
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Cal. No. 2048 Center Street.
Alterations and additions to front of Class C newspaper building.
Owner—Berkeley Gazette.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Plans Being Completed
AUTO BLDG. Cost, $——
SALINAS, Monterey Co., Cal. Abbott St., bet. Maple St. and Alameda Ave. (2 acre site).
Automobile sales building (offices, display quarters, shop, etc.) 60 foot frontage, shop to be 40x100 feet, (California style of architecture).
Owner—Johnson's Garages, Inc.
Architect — Chas. Butner, 51 Maple St., Salinas.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. SE Polk St. and Broadway.
Alterations to stores and hotel.
Owner—Capital Co., 625 Market St., San Francisco.
Architect—Not Given.
Contractor—John McCarty & Son, 666 Mission St., San Francisco.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, $240,000
SAN FRANCISCO. Otis and McCoppin Streets.
Two-story and basement steel frame office building, face brick exterior, terra cotta trim)132x103 feet); foundation and frame designed for additional four stories (concrete floors).
Owner—Pacific T. & T. Co., 140 New Montgomery Street.
Plans by Engineering Dept. of Owner.
Contractor—Monson Bros., 475 Sixth St., San Francisco.
Terra Cotta—Gladding McBean & Co., 660 Market St., San Francisco.
Masonry—White & Gloor, Monadnock Bldg., San Francisco.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave., San Francisco.
As previously reported, excavation and foundations awarded to Monson Bros.; structural steel to Golden Gate Iron Works, 1541 Howard (approximately 560 tons of steel involved).

Bids Wanted — To Close February 5, 2:00 P. M.
OFFICE BLDG. Cost, $822,000
OLYMPIA, Washington.
Class A fireproofing state office building (reinforced concrete floors and bearing walls, clay tile and metal partitions, granite base, steam heating system from central plant
Owner—State of Washington.
Architect—Joseph Wohleb, Olympia.
Plans and specifications may be obtained from the architect upon deposit of $25.

Contract Awarded.
STORE and Residence Cost, $7000
SAN FRANCISCO. SE Eighteenth Ave. and Taraval St.
Two-story and basement frame and stucco store and residence.
Owner—N. M. Vizzard, 2567 18th Ave., San Francisco.
Architect—Not Given.
Contractor — N. M. Anderson, 2427 24th Ave., San Francisco.

Sub-Contracts Awarded
ALTERATIONS Cost, $8842
OAKLAND, Alameda Co., Cal. No 470-476 Twelfth Street.
Alterations and additions to building
Owner—S. W. Schutz Estate Co.
Architect—Edwin T. Foulkes, 357 12th St., Oakland.
Contractor—Wilbur C. Cone, 608 16th St., Oakland.
Tile—Rigney Tile Co, 3012 Harrison St., Oakland.
Glass — Cobbledick Kibbe Glass Co., 301 Washington St., Oakland.
Mill Work—Oakland Planing Mill, 2nd and Washington Sts., Oakland.
Electric — California Electrical Co., 12th and Oak Sts., Oakland.
Floors—Inlaid Floor Co., 4067 Watts St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $6000
SAN MATEO, San Mateo Co., Cal. Second and B Streets.
Alterations to fixtures in present two-story building.
Owner—Merkel Bros., 207 B St., San Mateo.
Architect—Thos. M. Edwards, 9 Geary St., San Francisco.
Contractor—Mullen Manufacturing Co. 60 Rausch St., San Francisco.

Plans Being Figured—Bids Close Jan. 20th.
ADDITION Cost, $750,000
PORTLAND, Ore. 2741 NW Vaughn Street.
Nine-story wing addition to store bldg. (181x122 ft.) fireproof construction
Owner—Montgomery, Ward and Co., Chicago.
Plans by Engineering Dept. of Owner (R. R. Rowe in charge).
Plans and specifications may be obtained from the Chicago office of the owners.
K. E. Parker Co., 135 South Park, San Francisco, is among the contractors figuring the plans.

Sub-Contracts Awarded
ALTERATIONS Cost, $6,000
SAN MATEO, San Mateo Co., Calif. Second and B Streets.
Alterations to fixtures in present two-story building.
Owner—Merkel Bros., 207 B St., San Mateo.
Architect—Thos. M. Edwards, 9 Geary St., San Francisco.
Contractor—Mullen Manufacturing Co. 60 Rausch St., San Francisco.
Electric—Atlas Electrical Co., 343 4th St., San Francisco.
Glass Fixtures—Bank Bros., 275 Baldwin Ave., San Mateo.

Contract Awarded.
STORE Cost, $4500
SAN JOSE, Santa Clara Co., Cal. No. 348 Willow Street.
One-story frame store building.
Owner — T. Badalamenti, 352 Willow St., San Jose.
Architect—Not Given.
Contractor—Joe Astarita, 1250 Cherry Ave., San Jose.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 430 California Street.
Alterations to offices.
Owner—Bank of California, Premises.
Architect—Not Given.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $7000
SACRAMENTO, Sacramento Co., Cal. SE 13th and U Streets.
Alterations to building.
Owner—Weaver-Rye Tractor Co.
Architect—Not Given.
Contractor—Petersen & Steinbrenner, 1116 O St., Sacramento.

17— THEATRES

Plans Being Prepared.
THEATRE Cost, $——
SAN FRANCISCO. Twenty - fourth and Noe Streets.
New theatre building (to seat approximately 1000).
Owner — Golden State Theatre and Realty Co., 25 Taylor St., S. F.
Architect—Mark Jorgensen, 321 Bush St., San Francisco.

Planned.
THEATRE Cost, $——
RENO, Nevada. Liberty and South Virginia Streets.
New theatre building.
Owner — San Francisco Theatre Interests.
Architect—Not Given.
Property was purchased from Otto Steinheimer.

Preparing Working Drawings.
REBUILD THEATRE Cost, $——
MODESTO, Stanislaus Co., Calif.
Rebuild theatre (recently destroyed by fire).
Owner—Modesto Theatre (W. R. Messinger, McHenry St., Modesto).
Architect—Russell G. deLappe, 5905 Keith Street, Berkeley.
Bids will be asked in about 30 days.

19—MISC. CONSTRUCTION

CONTRACT AWARDED
SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at $46.00 awarded contract by Department of Public Works for installing 85% magnesia pipe covering on boiler heads and steam piping at the Stanyan Police Station.

Bids Wanted—To Close Jan. 20.
BOTTLING & CELLAR UNIT $——
TACOMA, Washington.
Three-story reinforced concrete bottling and cellar unit (42x170-ft.) built-up roofing, rolling doors, fire doors, folding gates, steel bridges and stairs, steel trusses, steel sash cast stone coping, waterproofing & cork insulation, metal stalls, vapor-proof switches, lead covered wire, etc.
Owner—Columbia Breweries, Inc., 2120 South St., Tacoma.
Architect—E. J. Bresemann, Perkins Bldg., Tacoma.

Planned.
SWIMMING POOL Cost, $30,000
SUSANVILLE, Lassen Co., Cal. Roosevelt School Grounds.
New swimming pool.
Owner—City of Susanville.
Engineer—Harry S. Riddell, City Engineer, Susanville.

Contract Awarded.
FERTILIZER BLDG. Cost, $7000
STOCKTON. San Joaquin Co., Calif. No. 131 N-Edison Street.
One-story fertilizer building.
Owner—Taylor Milling Co., Stockton.
Architect—Not Given.
Contractor — Western Industrial Engineering Co., 2233 E-37th Street, Vernon.

BIDS WANTED
TAFT, Kern Co., Cal.—Until Jan. 28 8 P. M., bids will be received by Taft Union High School District for the demolition of a portion of the main building at Taft high school, a two-story structure with masonry walls and wood interior.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—Eureka Mill & Lumber Co., 3615 E-14th St., Oakland, at $4840 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, under Proposal No. 711, for furnishing 140,000 ft. of rough Oregon Pine lumber f.ob. Corporation Yard.

BIDS OPENED
OAKLAND, Alameda Co., Calif. — Richmond Sanitary Co., 9th and Alice, Oakland, at $5,565 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L. S. 163, for furnishing 50,000 l.f. of ¾-in. seamless copper tubing.
Complete bids follow:

Richmond Sanitary Co.	$5,565
Tay-Holbrook Co.	5,580
Oakland Plumbing & Supply Co.	5,585
American Brass & Copper Co.	5,615
Utilities Supply Co.	5,805

Identical bids at $5,700 submitted by the following: Crane Co., Walworth-California Co., R. J. Leahy, Grinnell Co. of the Pacific, C. W. Marwedel, and Moran Plumbing & Supply.

BIDS OPENED
BENTON FIELD, Alameda Co., Cal —American Bitumuls Co., 200 Bush St., San Francisco, at $0.01 per gallon, submitted low bid to the Constructing Quartermaster, Fort Mason, under Bid No. W-6616-36-25, for processing 52,000 gals. of Government-furnished emulsified asphalt, rendering it suitable for mixing with fine mineral aggregate and in stabilization work on landing field at Benton Field Air Depot, Alameda.
The Union Oil Company and the Shell Oil Company submitted identical bids at $0.08 per gallon fob Field, and at $0.07 per gal., tank car delivery, for furnishing and processing.

BIDS OPENED
BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, January 9, under Spec. No. 756-D for furnishing (1) valves and (2) fabricated pipe and fittings for installation in the Boulder Power Plant, Boulder Canyon Project:
Crane O'Fallon Co., Denver: (1) $554 (2) $2,125; combination, Items 1 and 2, $2,579.
Los Angeles Valve & Fitting Co., Los Angeles: (1) no bid; (2) $2,237.
Associated Piping & Engineering Co. Ltd., Los Angeles: (1) no bid; (2) $2,249.
Grinnell Co. of the Pacific, Los Angeles: (1) $563.46; (2) $2,421.47.
Standard Sanitary Mfg. Co., Denver: (1) $630; (2) $2,548.
Mine & Smelter Supply Co., Denver: (1) $630; (2) $2,548.
Salt Lake Hardware Co., Salt Lake City: (1) $630; (2) $2,548.
Wm. Powell Co., Cincinnati: (1) $622.27; (2) no bid; fob Cincinnati.
Chapman Valve Mfg. Co., Indian Orchard, Mass.: (1) $557.47; (2) no bid.
Jenkins Bros., Chicago: (1) $670.61; (2) no bid.
All bids allow a 2% discount.
All bids delivery in 30 days; fob Boulder City, except as noted.
Bids held under advisement.

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MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until January 22, 8 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L.S. 164, for furnishing:
(1) 50 44-in. gate valves.
(2) 300 6-in. gate valves.
(3) 100 8-in. gate valves.
Specifications obtainable from the above office.

OAKLAND, Cal.—Until January 22, 8 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L.S. 165, for furnishing 20,000 ft. of 4-in. and 40,000 ft. of 6-in. cast iron pipe.
Specifications obtainable from the above office.

OAKLAND, Cal.—Until January 22, 8 P. M., bids will be received by the East Bay Municipal District, John Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 715 for furnishing one portable, oil-burning, engine-driven air compressor, of not less than 370 cu. ft. per minute piston displacement.
Specifications obtainable from the above office.

OAKLAND CITY

OAKLAND, Cal.—Until January 23, 8 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for furnishing one 3-wheel gasoline roller to the Street Department.
Specifications obtainaable from the above office.

OAKLAND, Cal.—Until January 23, 8 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for furnishing one 4-wheel tandem drive motor grader to the Street Departmnt.
Specifications obtainable from the above office.

RECLAMATION BUREAU

BOULDER DAM, Nev.—Until Jan. 30, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 761-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City, the granite base for the elevator towers and two utility towers at the Boulder Dam, Boulder Canyon Project.
The materials will be installed by the Government.
Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $1.00, not returnable.

DENVER, Colo—Until February 7, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 666, for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at railroad destination, two 3-foot 3-inch by 3-foot 3-inch high pressure gate assemblies for Moon Lake Dam, Moon Lake Project, Utah; two high-pressure gate assembiles for Taylor Park Dam, Uncompahgre Project, Colorado, consisting of one 4-foot by 5-foot gate and one 5-foot by 6-foot gate with frames, hoist, and appurtenances; and two 5-foot by 6-foot high-pressure gate assemblies for Island Park Dam, Upper Snake River Project, Idaho.
The gate assemblies will be installed by the Government.
Specifications obtainable from the above office without charge to prospective bidders; to others, $4, not returnable.

MADERA COUNTY

MADERA, Madera Co., Cal.—Until January 28, 7:30 P. M., bids will be received by Wesley Thomas, Clerk of the Board of Trustees of the Howard Elementary School District, R. R. 1, Box 104, Madera, for the exchange of on used 1929 Chevrolet bus on the purchase price of one new school bus wtth a capacity of 49 to 50 pupils. Body to be Patchetts & Carstensen, Inc., Model 92-194 mounted on Studebaker chassis.
Specifications obtainable from the above office.

SACRAMENTO CITY

SACRAMENTO, Cal. — Until January 23, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing approximately 72,000 gals. asphaltic emulsions for use in sealing and repair of city sts.
Specifications obtainable from the above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until January 21, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3121, for furnishing:
(1) 1850 ft. 1½-in. pure linen treated type hose.
(2) 950 ft. 1-inch do;
Dlivery f.o.b. bidder's shipping point and/or San Diego.
Specifications obtainable from the above office.

GOVERNMENT ISLAND, Alameda Co., Cal.—Until January 22, 2 P. M., bids will be received by U. S. Forest Service, Frank Haynie, Supply Officer, Government Island, for furnishing 100 fire extinguishers, 1-quart carbon tetrachloride type; Bid No. 3122.
Specifications and bid form obtainable on application to above. •

GOVERNMENT ISLAND, Alameda Co., Cal.—Until January 22, 2 P. M., bids will be received by U. S. Forest Service, Frank Haynie , Supply Officer, Government Island, for furnishing six steel forms for Klamath Stove, Bid No. 3123.
Specifications and bid form obtainable on application to above. •

GOVERNMENT ISLAND, Cal.—Until January 20, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3119, for furnishing:
(1) 5000 carriage bolts, galvanized, ⅜-in. x 4-in.
(2) 2000 crossarm braces, 1¼-in.x¼-in.x28-in.
(3) 2000 guy hooks, hot galvanized.
(4) 5000 crossarm pins, steel, hot galvanized.
(5) 1000 anchor rods, with nut on one end.
Delivery f.o.b. bidder's shipping point and/or Government Island.
Specifications obtainable from the above office.

WAR DEPARTMENT

FORT MASON, Cal.—Until Feb. 12, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-178, for furnishing:
(1) 14,000 ft. b.m. Douglas fir lumber, No. 2 common, fob Fort Mason, by truck delivery only;
(2) 2,000 ft. b.m. do fob Warehouse No. 6, Presidio of San Francisco, by truck delivery only.
Specifications obtainable from above office. •

FORT MASON, Cal.—Until Jan. 28, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-176, for furnishing:
(1) 1,200 sq. ft. wire screen cloth Type C, bronze;
(2) 3,000 sq. ft. do, Type A, copper;
(3) 23,500 lbs. wire nails, steel, bright at head, diamond point, smooth, common;
(4) 5,000 lbs. do, narrow, long finishing.
Supplies are for shipment to the Department Quartermaster, Philippine Dept., Manila, P. I.

FORT MASON, Cal.—Until January 20, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-174, for furnishing:
(1) 37 cu. yds. ready mixed cement concrete.
(2) 772 ft. b. m. Redwood lumber, No. 1 common;
(3) 53,536 ft. b. m. Douglas Fir lumber
(4) 2053 ft. b. m. Ponderosa Pine No. 2 common.
(5) 286 rolls asphalt roofing, prepared, mineral surfaced, green, 36-inch wide.
(6) 20,812 ft. b.m. Douglas Fir lumber No. 1 common.
(7) 1100 lbs. wire nails, common.
(8) 20 gals. ready mixed paint, lead zinc base, blue gray.
Specifications obtainable from the above office.

FORT MASON, Cal.—Until January 29, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-179, for furnishing 2000 slack pine barrels, No. 2 grade or better, knocked down.
The barrels are for shipment to the Department Quartermaster, Philippine Department, Manila, P. I.
Specifications obtainable from the above office.

HAMILTON FIELD, Marin Co., Cal. —Until January 24, 10 A. M., bids will be received by Constructing Quartermaster, Fort Mason, for rental of equipment to be used at Hamilton Field, Marin County, as follows:
(1) Shovel, gasoline driven, ⅜ cu. yd.
(2) 2 Dump trucks, 1½ cu. yd.
Specifications and bid forms on application to above. •

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

MARICOPA COUNTY, Ariz.—Until January 24, 10:30 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Phoenix-Prescott Highway, WPGH 48, AFE 8936. The work, which is located between Glendale and Peoria, about 10 miles northeast of Phoenix, consists of the construction of a concrete and steel underpass structure under the railroad and other work incidental thereto, an dis to be completed on or before Dec. 15, 1936.

The principal items and approximate quantities are:

17,600 c.y. structure excav.;
42,300 sta. yds. overhaul;
2,600 c.y. imported borrow (CIP);
729 c.y. concrete;
104,400 lbs. reinf. steel;
201,500 lbs. structural steel;
3,900 sq. ft. removal of pavement;
(13,000 sq. yds. grading under pave.;
13,000 sq. yds. concrete pavement;
2,300 l.f. comb. curb and gutter;
322 l.f. CM pipe (2 sizes);
1,410 l.f. 4-in. vit. clay pipe;
315 l.f. CI pipe (5 sizes);
250 hours rolling;
660 M. gals. sprinkling;
534 tons plant mix
25 tons cutback asphalt;
4,500 sq. yds. placing plant mix;
11,000 sq. ft. concrete sidewalk;
1 lump sum placing and removing shoo-fly embankment;
1 lump sum sprinkling system;
1 lump sum pump and pumping equipment;
1 lump sum electric lighting sys.
1 lump sum membrane and asph. plank waterproofing.
4200 sq. yds. sodding.

Plans and specifications may be obtained from the office of the state highway engineer, T. S. O'Connell. Certified or cashier's check for 5%. Funds in the sum of $145,000 have been programmed for this construction.

PLANS AWAITING PWA APPROVAL

LOS ANGELES, Cal.—Complete plans and specifications for the Macy St. subway have been sent to the PWA for approval and call for bids will be issued by the Los Angeles Board of Public Works shortly. The project involves the construction of a grade separation structure and appurtenant work in Macy St. between Lyon St. and 100 ft. west of Date St. The work involves:

(1) 9980 cu. yds. Class F concrete, exclusive of Class F concrete included in sewrs storm drains and street work;
(2) 94 cu. yds. Class C concrete;
(3) 100 cu. yds. Class G concrete;
(4) Lump sum, reinforcing steel exclusive of that included in hinge assemblies sewers, storm drains and street work (2625,127 lbs.);
(5) Lump sum hinge assemblies inclusive of the reinf. steel which is welded to the hinges (199,000 lbs.);
(6) Lump sum, ornamental concrete exclusive only of those membrs to be constructed of Class H concrete;
(7) Lump sum electric conduit system as per Plan P-6607;
(8) Lump sum, lighting system complete;
(9) 776 sq. yds. white glazed tile;
(10) Lump sum gradinf (18,200 cu. yds.);
(11) Lump sum sewers;
(12) Lump sum, storm sewers;
(13) 49,831 sq. ft. asphaltic concrete pavement consisting of a 6-in. asphaltic concrete base and 2-in. asphaltic concrete wearing surface;
(14) 2053 sq. ft. 8-in. concrete pavement;
(15) 766 sq. ft. asphaltic concrete wearing surface, variable thickness (average thickness 1½-in.)
(16) 6915 sq. ft. 4-in. rock and oil rdwy., variable thickness (averag thickness 1-in.);
(17) 1376 sq. ft. rock and oil roadway variable thickness 1-in.
(18) 3075 lin. ft. unplastered heavy curb;
(19) 103 lin. ft special monolithic curb and gutter;
(20) 103 lin. ft. curb armor;
(21) 2610 lin. ft. curb bar;
(22) 25,000 sq. ft. one course sidewalk;
(23) 2742 sq. ft. 8-in. combination gutter;
(24) 20 sq. ft. 8-in. concrete gutter;
(25) 173 sq. ft. 6-in. concrete gutter;
(26) 366 sq. ft. "C" resurfacing;
(27) Lump sum, rsetting 4 manholes.

Union Passenger Terminal Station PWA Project 4361.

This will be the first major unit of the city's program at the Union Terminal site. The subway will be 505 ft. in length, with a 56-ft. roadway and 6-ft. walk on each side. Estimated cost $368,000. Plans have been approved by the Municipal Art Commission.

BIDS OPENED

STATE OF OREGON. — Bids were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, January 10, for bridge construction, and action taken as follows:

Multnomah County: Construction of an overcrossing over the O.W.R. & N. Company's tracks and 0.26 mile grading and paving on 102nd Ave. (Craig Road) near Portland. Alternate bids will be taken on this project: Alternate "A" consisting of 550 l.f. of reinforced concrete bridge and Alternate "B" consisting of 490 l.f. of treated timber viaduct approach and a 60-ft. steel girder span.

ALT. "A" requires approximately 1,750 c.y. exavation; 3,200 s.y. Portland cement concrete pavement; 1,200 c.y. gravel surfacing; 2,050 c.y. concrete; 380,000 lbs. metal reinforcement and 1,650 l.f. concrete handrail.

ALT. "B" requires approximately 1,830 c.y. excavation; 3,200 s.y. Portland cement concrete pavement; 1,200 c.y. gravel surfacing; 1,200 c.y. concrete; 200,000 lbs. metal reinforcement; 252 MFBM treated lumber; 54,600 lbs. structural steel and 1,650 l.f. composite handrail.

Awarded: Ediefsen Weygdant Co., Portland, $77,891 (Alt. A).

Bids on the following projects were referred to the engineer with power to award contracts to the low bidders:

Malheur County: Construction of a steel and timber bridge over Owyhee River on the Jordan Creek Section of the I.O.N. Secondary Highway two miles south of Rome. Requires approximately 550 c.y. excavation; 450 c. y. concrete; 74,000 lbs. metal reinforcement; 226,000 lbs. structural steel; 26 MFBM treated lumber and 680 l.f. concrete handrail.

Low Bidder: C. J. Montag & Sons, Klamath Falls, $42,735.

Marion County: Construction of an undercrossing under the Southern Pacific Company's tracks and 0.27 mile grading and paving on Pacific Highway at the north city limits of Salem. Requires approximately 27,600 c.y. excavation; 3,700 c.y. borrowed embankment materials; 3,500 c.y. gravel embankment materials; 900 c.y. gravel ballast; 1,150 s.y. concrete sidewalks; 4,900 s.y. Portland cement concrete pavement; 1,250 l.f. concrete curbs; 21,000 l.f. treated piling; 5,200 c.y. of concrete; 524,000 lbs. metal reinforcement; 1,166,000 lbs. structural steel; 8,000 s.f. 3-ply membrane waterproofing and 1,900 l.f. concrete handrail.

Low Bidder: Kern & Kibbe, Portland, $256,502.

Washington County: Construction of an undercrossing under the Oregon El. Railway tracks and 0.19 mile grading, surfacing and oil mat surface treatment on the Beaverton-Aurora Secondary Highway at Metzger. Requires approximately 10,600 c.y. excavation; 1,000 c.y. selected roadbed topping; 170 c.y. salvaged surfacing materials; 250 c.y. crushed gravel surfacing; 2,400 s.y. oil mat surface treatment; 1,900 l.f. treated piling; 18 MFBM treated lumber and 27,000 lbs. structural steel.

Low Bidder: Saxton & Looney and J. S. Risley, Portland, $16,242 on asphalt, and $16,322 on tar.

21

BIDS OPENED

STATE OF OREGON. — Bids were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, January 9, for bridge construction as follows:

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Klamath County: Construction of a concrete bridge over the Oregon, California and Eastern Railway and 0.51 mile grading, surfacing and bituminous macadam wearing surface on the Klamath Falls-Lakeview Highway nr. Dairy, about 17½ miles east of Klamath Falls. Requires approximately 13-000 c.y. excavation; 2,600 c.y. pit-run cinder topping; 900 c.y. salvaged bituminous macadam wearing surface; 360 c.y. concrete; 61,000 lbs. metal reinforcement and 256 l.f. concrete handrail.

Awarded: E. F. and W. F. Philpott, Portland, $38,829.

Bids on the following projects were referred to the engineer with power to award contract to the low bidder:

Klamath County: Construction of a concrete, steel and timber undercrossing under the Oregon, California and Eastern Railway tracks and 0.48 mile grading, surfacing and bituminous macadam wearing surface on the Klamath Falls-Lakeview Highway at Olene, approximately 12 miles southeasterly from Klamath Falls. Requires approximately 10,000 c.y. excavation; 2,500 c. y. selected roadbed topping; 600 c.y. salvaged surfacing materials; 5,700 s.y. bituminous macadam wearing surface; 250 c.y. concrete; 1,300 lbs. metal reinforcement; 44,000 lbs. structural steel 4 MFBM untreated timber and 22 M F B M treated timber. This project may be bid in combination with the Dairy Overcrossing project.

Low Bidder: G. I. Stebbins Const. Co., Klamath Falls, $26,848.

Umatilla County: Construction of an overcrossing over the O. W. R. & N. Company's tracks and 1.5 miles grading and paving of city streets and state highway on the Old Oregon Trail in Pendleton. Requires approximately 37,000 c.y. excavation; 2,000 c.y. gravel ballast; 800 c.y. crushed rock ballast; 7,000 l.f. concrete curbs; 1,900 s.y. concrete sidewalks; 500 c.y. salvaged surfacing materials; 9,700 c.y. pit-run gravel sub-base materials; 2,300 c.y. crushed gravel or crushed rock base and surfacing materials; 24,000 s.y. asphaltic concrete pavement; 3,000 l.f. railway track construction; 3,000 c.y. concrete; 500,000 lbs. metal reinforcement; 2,020 l.f. concrete handrail and 3,000 lbs. metal pipe handrail.

Low Bidder: Colonial Const. Co., Spokane, $184,885.

Bids on the following project in Clackamas County were rejected and the work will be readvertised:

Clackamas County: Construction of a concrete bridge over the Clackamas River and 0.7 mile grading and oil mat surface treatment on Woodburn-Sandy Highway at Estacada. Requires approximately 30,300 c.y. exeavation; 4,-600 c.y. selected roadbed topping; 1,-200 c.y. crushed gravel surfacing; 9,-600 s.y. oil mat surface treatment; 1,-560 c.y. concrete; 210,000 lbs. metal reinforcement and 780 l.f. concrete handrail.

Oregon Contracting Co. and Theo. Arenz, Portland, submitted low bids at $85,553 on road oil, and at $88,548 on tar.

SUB-CONTRACT AWARDED

SAN FRANCISCO.—D. Zelinsky and Sons, Inc., 165 Grove St., have been awarded sub-contract by Barrett and Hilp, 918 Harrison St., general contractors, for painting all structural steel on the traffic distribution structure for the San Francisco-Oakland Bay Bridge.

TO PREPARE PLANS

MODESTO, Stanislaus Co., Cal.—City Council has directed City Engineer Frank J. Rossi, to prepare plans and specifications for a 36-ft. reinforced concrete bridge over a Modesto Irrigation District canal on Sycamore Avenue. Estimated cost, $5000.

CONTEMPLATED

SANTA CRUZ, Cal.—City Engineer Roy Fowler is investigating bridge plans suitable for the replacement of the Berkeley Way span over Branciforte Creek. Two types of construction are under consideration, a rigid frame bridge to cost approximately $8000 and a culvert type to cost approximately $6000.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $116,864.70 was awarded contract by the State Highway Commission, Sacramento, for the construction of an overhead crossing over Valley Blvd. and the tracks of the Southern Pacific Railroad in the City of Los Angeles at Soto Street, consisting of concrete piers and abutments with steel superstructure and approximately 0.62 mile of roadway to be graded and paved with asphalt concrete pavement.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Clinton Const. Co., 541 S. Spring St., Los Angeles, at $578,420 awarded contract by the State Highway Commission, Sacramento, for construction of an overhead crossing over the tracks of the Southern Pacific Railroad and the Los Angeles Railway at Figueroa Street in Los Angeles, consisting of one 127-ft., one 200-ft. and one 103-ft. steel plate girder span, and five 75-ft. concrete girder spans on concrete piers and abutments and grading and paving with asphalt concrete pavement approximately 0.23 mile of roadway.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—L. E. Dixon Co., 609 S. Grand Ave., Los Angeles, at $241,661 awarded contract by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Pacific Electric Railway at Mission Road, Los Angeles.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Oscar Oberg, 150 N. Vista St., Los Angeles, at $154,942.70 awarded contract by the State Highway Commission, Sacramento, for construction of an underground crossing under the tracks of Union Pacific Railroad at Soto Street in the City of Los Angeles, consisting of reinforced concrete abutments on timber pile foundations with steel superstructure; and grading and paving with Portland cement concrete approximately 0.22 mile of roadway.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

PEARL HARBOR, T. H.—Bids are being received by the Burau of Yards and Docks, Navy Department, Washington, D. C., for extension to quay wall of reinforced concrete construction supported on concrete piles and on concret cylinders on wood piles and includes timber, finder system, trackwork, steel sheet piling, piping systems, electrical work and fittings at the Navy Yard, Pearl Harbor, T. H. Est. cost $200,000. Specification No. 8014.

Plans and specifications may be obtained from above office and from the Commandant, Navy Yard, Pearl Harbor, and from the Commandant, Twelfth Naval District, 100 Harrison St., San Francisco, upon deposit of $25.00.

Date of opening bids will be announced shortly.

FUNDS ASKED

REDWOOD CITY, San Mateo Co., Cal.—Redwood City has filed a revised application with the PWA for a grant toward construction of port facilities. The City requests $66,000 in Federal funds. This application supercedes that of the San Mateo County Harbor District filed in 1933. The project has been taken over by the City and preliminary plans have been prepared by City Engineer Chas. Dimmitt.

PLANNED

SAN FRANCISCO—Construction of the fill on Yerba Buena shoals, to be used as the site for the 1938 San Francisco Bay Exposition and later as a municipal airport, will be contracted through the U. S. Engineers, Lt. Col. J. A. Dorst, San Francisco Dist. Engineer. Work will involve construction of about 16,000 lin. ft. rubble wall and revetments, and approximately 20,000,000 cu. yds. fill. The project has received a grant from the Federal Works Progress Administration of $3,043,128, which represents 80 per cent of the estimated cost of the work. The remaining 20 per cent is to be supplied by the San Francisco Bay Exposition Co.

23—IRRIGATION PROJ.

APPLICATIONS FILED

SACRAMENTO, Cal. — Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during December 1935:

8509 (Mono County) Geo. W. Gates, Los Angeles, Calif., for 20,000 g.p.d. from Sacramento Canyon tributary to Hammil Valley Watershed to be diverted for mining purposes.

8510 (San Bernardino County) Richard A. Terry, Del Rosa, Calif., for 1 c.f.s. from canyon tributary to Santa Ana drainage area to be diverted for irrigation and domestic purposes on 62 acres.

8511 (Trinity County) Wm. Vossbeck, Oakland, Calif., for 96,000 g.p.d. from Strope Creek tributary to East Fork of Stuarts Fork to be diverted for mining and domestic purposes.

8512 (Napa County) Pacific Union College Association, Angwin, Calif., for 250 ac. ft. from Angwin Creek tributary to Napa River to be diverted for irrigation on 83 acres. Esti. cost, $300.

8513 (Siskiyou County) F. H. McGinnis, Sciad Valley, Calif., for 3 c.f.s. from School House Creek tributary to Klamath River to be diverted for mining and domestic purposes.

8514 (Calaveras County) Calaveras Rock, Inc., Valley Springs, Calif., for 1 c.f.s. from Mokelumne River tributary to San Joaquin River to be divertd for mining and domestic purposes. Est. cost $3500.

8515 (San Bernardino County) Clarence Mette, Hinkley, Calif., for 8000 g.p.d. from a well tributary to Mohave River drainage area to be diverted for stock watering purposes. Est. cost, $150.

8516 (San Bernardino County) Clarence Mette, Hinkley, Calif., for 14,-400 g.p.d. from a well tributary to Mohave River drainage area to be diverted for stock watering purposes.

8517 (Sierra County) James G. Pirce, Downiville, Calif., for .025 c.f.s. from an unnamed ravine tributary to

Kanaka Creek thence Middle Fork Yuba River to be diverted for mining and domestic purposes. Est. cost $300.

8518(Amador County) Martin H. Peterson, San Francisco, Calif., for .55 c.f.s. from two unnamed streams tributary to Arkansas Creek thence Cosumnes River to be diverted for mining purposes. Est. cost $550.

8519 (San Bernardino County) Baldy Mesa Irrigation District, % I. M. McAllister, Phelan, Cal., for 16,000 ac. ft. from Wild Horse Canyon, Sheep Creek Canyon and Oak Springs Canyon tributary to Mohave River drainage area to be diverted for irrigation and domestic purposes.

8520 (Del Norte County) Division of Highways, Sacramento, Calif., for 0.075 c.f.s. from an unnamed stream tributary to Smith River to be diverted for recreational purposes. Est. cost $10.

8521 (Shasta County) Roaring River Gold Dredging Co., San Francisco, Calif., for 2 c.f.s. from Middle Fork Cottonwood Creek tributary to Sacramento River to be diverted for mining and domestic purposes. Est. cost $5000.

8522 (Shasta County) Henry S. Lace, Whitmore, Calif., for 3 c.f.s. from an unnamed stream tributary to Ash Creek to be diverted for irrigation on 140 acres.

8523 (Trinity County) J. Knowlton, Big Bar, Calif., for 3 c.f.s. from Monkey Creek tributary to Trinity River to be diverted for mining purposes. Est. cost $50.

8524 (Siskiyou County) Harold Lippen, Happy Camp, Calif., for 1 c.f.s. from North Fork Twin Creek and unnamed Gulch tributary to Elk Creek to be diverted for mining and domestic purposes. Est. cost $400.

8525 (Amador County) Raymond Silva, Sacramento, Calif., for 270,000 ac. ft. from Cosmunes River tributary to Mokelumne River to be diverted for municipal purposes.

8526 (Amadore County) Raymond Silva, Sacramnto, Calif., for 270,000 ac. ft. from Cosumnes River tributary to Mokelumne River to be diverted for power purposes, 13,360 T.H.P. to be developed.

8527 (Nevada County) State Division of Forestry, Sacramento, Calif., for 5000 g.p.d. from Bonnie Ravine tributary to Spring Creek to be diverted for domestic purposes.

8528 (Placer County) Martin Costello, Forest Hill, Calif., for 1 c.f.s. from Big Secret Creek tributary to North Fork of Middle Fork American River to be diverted for mining purposes. Esti. cost $1500.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho. —Until February 4, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Ore., under Spec. No. 760-D, for construction of earthwork, concrete lining and structures, Locket Gulch Wasteway Channel, Mitchell Butte Division, Owyhee Proj.

The work is located near Dunaway, Oregon, and the principal items of work involved are:

(1) 29,000 c.y. all classes of excavation for wasteway channel;
(2) 260 c.y. do for structures;
(3) 1,000 c.y. backfill about struc.;
(4) 6,400 sq. yds. trimming wasteway channel for concrete lining;
(5) 400 c.y. concrete in structures;
(6) 800 c.y. conc. in wasteway channel lining;
(7) 175 sq. yds. dry-rock paving;
(8) Placing 126,000 lbs. reinf. bars;
(9) Constructing 2,570 l.f. clay sewer pipe underdrains;
(10) Erecting four MFBM timber in structures.

Work shall be commenced within 15 calendar days and completed within 150 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the Bureau of Reclamation, Ontario, Ore., Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others, $1.00 per copy, not returnable.

BIDS WANTED

ALL - AMERICAN CANAL, Ariz.—Until February 6, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 668, for construction of earth lining on the All-American Canal, Station 419 to Station 601 and Station 803 to Station 1245, All-American Canal System, Boulder Canyon Project.

The work is located about 9 miles from Yuma, and the principal items of work involved are:

(1) 225,000 c.y. compacted earth lining
(2) 81,000 c.y. uncompacted do.

Work shall be commenced within 30 calendar days and completed within 450 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the Bureau of Relamation at Yuma, Ariz., Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others, $1.00 per copy, not returnable.

CONTRACT AWARDED

OGDEN RIVER PROJECT, Utah.—J. A. Terteling & Sons, 2232 Fairview Ave., Boise, at $424,978.25 awarded the contract by Bureau of Reclamation, Ogden, under Spec. No. 659, for the construction of earthwork, canal lining, and structures, Ogden - Brigham Canal, Station 587 to Station 1260, and South Ogden Highline Canal, Station 10 to Station 334, Ogden River Proj.

AWARDS RECOMMENDED

TURLOCK, Stanislaus Co., Calif.—Ed. Erickson, Rt. 4, Box 744, Modesto, at $2520 for Item 4 of Schedule 10; and Lloyd Terrell, 221 9th Ave., Turlock, at $34,412.36 for Items 1, 2, 3 and 5 of Schedule 10, submitted low bids to the Turlock Irrigation District, R. V. Meikle, Chief Engineer, for concrete lining in th main canals of the District. Recommendation has been made to PWA that contracts be awarded the low bidders:

Bids will be taken as follows:

SCHEDULE 1.—Installing reinforced concrete headgate at head of tunnel intake above La Grange Dam. (To be done by force account.)

SCHEDULE 1A.—2,200 c.y. rock excavation, enlarging forebay of the La Grange power plant.

SCHEDULE 2.—Removing loose rock in Main Canal below the forebay and excavating a top-wall trench. (To be done by force account.)

SCHEDULE 3.—129,260 sq. ft. 2-in. concrete levee lining, Main Canal above Peasley fill.

SCHEDULE 4.—252,884 sq. ft. concrete levee lining below Owens Reservoir.

SCHEDULE 5. — (1) — 12,450 sq. ft. lining levees, Main Canal above Hickman Bridge;

(2) 60 c.y. concrete deck on bridge.

SCHEDULE 6.—Already contracted and work underway.

SCHEDULE 7.—129,600 sq. ft. levee lining, Turlock main canal, Montpelier Road to Drop No. 4.

SCHEDULE 8.—(1)—185,050 sq. ft. levee lining, Turlock Main Canal, Monte Vista Road to Drop No. 7;

(2) 77.5 c.y. reinf. conc. canal drop.

SCHEDULE 9.—Already contracted and work underway.

SCHEDULE 10.—(1)—37,495 sq. ft. canaling lining, Hanford Ditch; 200 l.f. raising old lining nine inches;

(2) 130,045 sq. ft. canaling lining, Freitas Ditch; 43 c.y. conc. in struc.;

(3) 69,926 sq. ft. canal lining, Shoemake Ditch; 25 c.y. conc. in struc.;

(4) 28,000 sq. ft. canal lining, Holden Ditch; 4 c.y. conc. in structures;

(5) 174,164 sq. ft. canal lining Hughson Ditch; 30 c.y. concrete instruc.; 30 l.f. 42-in. pipe.

Complete bids on Schedule 10 follow:
(A) Lloyd W. Terrell, Turlock.
(B) Ed. Erickson, Modesto.

	(A)	(B)
(1)	$ .068	$.....
(1a)	.25	.....
Total	2,599.66	.....
(2)	.0824	.084
(2a)	14.00	14.00
Total	11,317.70	11,525.78
(3)	.0824	.084
(3a)	14.00	14.00
Total	6,111.90	6,223.78
(4)	.09	.088
(4a)	14.00	14.00
Total	2,576.00	2,520.00
(5)	.08	.084
(5a)	12.00	14.00
(5b)	3.00	4.00
Total	14,383.12	15,169.79

No bids were received under any other schedules and the work will be readvertised at a later date. Total cost is estimated at $165,000.

24— STREET LIGHTING

BIDS WANTED

SAN FRANCISCO.—Until Feb. 4, 3 P. M., bids will be received by San Francisco Public Utilities Commission, Room 287, City Hall, for installation of additions to the ornamental street lighting system on Turk Street and Arguello Blvd.; Light and Power Department Contract No. 10.

Bids will be taken in a lump sum for installing 11 20-ft. standards furnished by the city; furnishing and installing one 16-ft. standard, 12 luminaries with lamps; constructing 12 foundations and furnishing and installing all necessary conduit, wire, cable and appurtenances. The work also includes moving standard located at the northwest corner of Parker Ave. and Turk Street to the northeast corner.

Plans and specifications obtainable on application at Room 605, San Francisco Water Department Building, 425 Mason St., on deposit of $10.00.

Paul J. Ost, manager and chief electrical engineer.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

MENDOCINO CO., Calif. — Ashurst Bros., Hopland, at $2.68 per hour submitted low bid to Division of Highways, J. W. Vickrey, District Engineer Eureka, January 9, for the rental of one 1,000-gallon water sprinkler truck for approximately 500 hours, to be used for sprinkling water on roads principally in Mendocino County.

Complete bids follow:

Ashurst Bros., Hopland	$2.68
Wm. Kern, Weott	2.73
Eugene Della Rosa, Martinez	3.00
W. E. Sinclair, Miranda	3.00
Albert Helwig, Sebastopol	3.25

Bids held under advisement.

CONTRACT AWARDED

TURLOCK, Stanislaus Co., Cal.—Eagle Signal Co. of San Francisco, awarded contract by the Turlock City Council at $1330 for installing stop-and-go signals at the intersection of Main St. and the Golden State Highway.

Work of installing the signals will be done by the Cornell Electric Shop, Turlock.

CONTRACTS AWARDED

SAN FRANCISCO. — Contracts for furnishing woodworking equipment under Bid No. UR 1948, have been awarded by T. A. Brooks, Purchaser

of Supplies, City Hall, as follows:

A. L. Young Machinery Co., Inc., one saw bench, $650; one spindle borer, $476; one lathe, $370; one bandsaw, $235.

Eby Machinery Co.: one electric shaper, $138.50; one planer and jointer, $380.

Baker-Hamilton & Pacific Co.: six vices, $42; 12 handscraws, 8-in., $12.60; 12 handscraws, 12-in., $16.80; 12 handscrews, 14-in., $18.24; six pairs P-Bars, 3-ft., $24.

28 — FIRE EQUIPMENT

BIDS WANTED

LODI, San Joaquin Co., Cal.—Until February 3, 5 P. M. (to be opened at 8 P. M.), bids will be received by the Lodi City Council, J. F. Blakey, City Clerk, for furnishing 500 ft. of 2½-in. fire hose and 150 feet of 1½-in. fire hose.

Specifications obtainable from the above office or from the Chief of the Fire Department.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

SAN FRANCISCO. — Fay Imp. Co., Phelan Bldg., at $43,568.30 awarded contract by the Department of Public Works for widening and reconstructing the roadway on Fifth Street between Mission and Harrison Streets and between Bryant and Townsend Sts.; Spec. No. 18,917.

NOTICE TO BIDDERS

SAN DIEGO COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in San Diego County, on Palomar Mountain Road, between Iron Spring Creek and Observatory site, road XI-S.D-Pallomar Mt. Feeder Road, for which bids are to be received in Los Angeles on January 30.

Said rpresentative will meet prospective bidders on the Palomar Mountain Road at the Henshaw Dam Store at 10:00 A. M. on January 20.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

COMPLETE BID LISTING

NAVAJO CO., Arizona.—Lee Moor, Bassett Tower Bldg., El Paso, Texas at $107,856.40, as previously reported, submitted low bid to the Arizona State Highway Commission, Phoenix, Jan. 3, for highway construction on Holbrook-St. Johns Highway, WPH 42; AFE 262. The work, which is to begin about six miles southwest of Holbrook and extend easterly approximately 9.6 miles, consists of grading, draining and surfacing with select material, and is to be completed on or before Sept. 30, 1936.

Total bids follow:

Lee Moor Contracting Co., El Paso, Texas, $107,856.40.

Ken Hodgman, Pasadena, Cal., $115-623.34.

Packard Contracting Co., Phoenix, $116,973.18.

Southern California Roads Co., Los Angeles, $125,258.03.

R. C. Tanner Co., Phoenix, $127,-714.55.

Heuser & Garnett, Glendale, $127,-969.84.

Tiffany Const. Co., Flagstaff, Ariz., $141,994.27.

CONTRACT AWARDED

ORANGE COUNTY, Calif. — C. F. Robbins, 307 W. 8th St., Room 915, Los Angeles, at $42,487 awarded contract by the State Highway Commission, Sacramento, for about 1.3 miles grading and paving with Portland cement concrete in Orange County, south Main St. in Santa Ana, bet. Delhi Road and Fairview Ave.

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Sharp & Fellows Contracting Co., 533 Central Bldg., Los Angeles, at $129,848.90 awarded contract by the State Highway Commission, Sacramento, for about 10.9 miles grading, treating with liquid asphalt, and constructing a timber pile trestle in Riverside County between 10 miles west of Indio and Indio.

BIDS WANTED

SUTTER COUNTY, Cal.—Until Jan. 20, 10:30 A. M., as previously reported, bids will be received by the Division of Highways. C. H. Whitmore, District Engineer, 703 "B" St., Marysville for about 0.1 mile grading and constructing Portland cement concrete pavement, curbs and gutters in Yuba City, Sutter County, on Plumas St. between Bridge Street and Scott St.

The work involves:

(1) 160 c.y. rdwy. excav., unclass.;
(2) 650 sq. yds. subgrade preparation;
(3) 85 c.y. Portland cement concrete (pavement);
(4) 32 c.y. do (curbs, gutters, sidewalks);
(5) 207 each, pavement dowels;
(7) 72 c.y. removing and disposing of concrete and oil-mix surfacing;
(8) 39 l.f. removing existing iron pipe;
(9) 1 only manhole to be adjusted to grade.

Plans and specifications obtainable from the above office.

COMPLETE BID LISTING

MENDOCINO COUNTY, Cal.—Helwig Const. Co., 115 S. Main St., Sebastopol, at $5,688, as previously reported, submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for about 0.2 mile widening existing highway and surfacing with river-run gravel, and placing corrugated metal culverts and drop inlets, in Mendocino County near Lane's Redwood Flat.

The work involves:

(1) 1 lot removing and disposing of seven redwood trees;
(2) 5 M. gals. water;
(3) 4,550 c.y. rdwy. excav., unclass.;
(4) 3,300 sta. yds. overhaul;
(5) 50 c.y. structure excavation;
(6) 12 stations finishing roadway;
(7) 50 c.y. river-run gravel;
(8) 1 c.y. Portland cement concrete, Class A;
(9) 90 lbs. bar reinforcing steel;
(10) 36 l.f. 8-in. CMP;
(11) 24 l.f. 18-in. CMP;
(12) 14 l.f. 54-in. CMP;
(13) 1 each cast steel drop inlet;
(14) 15 each monuments.

Total bids follow:

(A) Helwig Const. Co., Sebastopol $5,-688.00.
(B) John Burman & Son, Eureka, $7,-901.50.
(C) C. W. Calettl & Co., San Rafael, $8,556.50.

Unit bids follow:

	(A)	(B)	(C)
(1)	$1050.00	$2900.00	$3250.00
(2)	5.00	2.00	1.50
(3)	.85	.95	1.00
(4)	.02	.02	.03
(5)	3.00	2.00	2.50
(6)	12.00	10.00	10.00
(7)	4.00	4.00	3.50
(8)	30.00	40.00	50.00
(9)	.10	.10	.10
(10)	1.00	.50	.75
(11)	1.50	.75	1.00
(12)	3.00	2.00	2.50
(13)	10.00	10.00	10.00
(14)	1.50	4.00	5.00

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Guy F. Atkinson Co., 658 Russ Bldg., San Francisco, at $355,762 awarded contract by the State Highway Commission, Sacramento, for about 2.2 miles grading and constructing steel stringer bridge in Los Angeles County in San Gabriel Canyon between Camp Bonita and Follows Camp.

BIDS OPENED

STATE OF OREGON. — Bids were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, January 10, for highway construction, and action taken as follows:

Deschutes County: Upper Tumalo Section of Tumalo Falls-Bend County Road; 3.5 miles grading, requiring approximately 39,000 c.y. excavation.

Awarded: M. L. O'Neil & Sons, Eugene, $15,842.

Union and Wallowa Counties: Elgin-Rock Creek Rock Production Project. Furnish approximately 13,000 c.y. of crushed rock in stockpile.

Awarded: Arthur A. Hardesty, Portland, $22,731.

Bids on the following projects were rejected and the work will be readvertised:

Columbia County: Columbia County oiling project on four sections of county road; 8.46 miles crushed rock surfacing and oil mat surface treatment. Requires approximately 2,650 c.y. of crushed rock surfacing materials, and 86,000 s.y. oil mat surface treatment.

J. C. Compton, McMinnville, submitted low bids at $31,971 on road oil and at $31,779 on tar.

Multnomah Co.: Humphrey Boulevard, 45th Avenue and Cameron Road bituminous macadam project on two sections of county road; 3.06 miles of surfacing and bituminous macadam wearing surface. Requires approximately 2,400 c.y. excavation; 8,800 c.y. pit-run gravel sub-base materials; 2,-550 c.y. crushed gravel base and shoulder materials; 1,000 c.y. salvaged surfacing materials, and 33,000 s.y. bituminous macadam wearing surface.

Harold Blake, Portland, submitted low bid on tar at $43,765, and F. J. Kernan, Portland, submitted low bid on road oil at $45,769.

BIDS OPENED

STATE OF OREGON — Bids were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, January 9, for highway construction as follows:

Clatsop & Tillamook Counties: West Lake-Mohler rock production project on Oregon Coast Highway. Furnish approximately 16,500 c.y. crushed rock in stockpile.

Awarded Saxton & Looney and J. S. Risley, Portland, $25,795.

Multnomah County: 122nd Avenue-Troutdale Section of NE Halsey St.; 0.82 mile grading and 5.72 miles asphaltic concrete paving. Requires approximately 3,500 c.y. excavation, 12,-300 c.y. pit-run gravel sub-base materials; 8,700 c.y. crushed gravel base, shoulder and footpath materials, and 69,000 sq. yds. asphalt concrete pavement.

Awarded Jacobsen-Jensen Co., Portland, $66,589.

Bids on the following projects were referred to the engineer with power to award contract to the low bidder:

Benton County: Polk County Line-Soap Creek Section of Tampico Co. Road. 3.1 miles of grading, requiring approximately 35,000 c.y. excavation.

Low Bidder, Saxton & Looney and J. S. Risley, Portland, $12,022.

Clackamas County: Clackamas Co oiling project on 8 sections of county road; 27.87 miles of oil mat surface treatment.

Low Bidder, Edwin C. Gerber, Ore-

gon City: Road oil, $48,143; tar, $48,-259.

Bids on the following project in Klamath County were rejected and the work will be readvertised.

Klamath County: Merrill - California line section of Merrill-Hatfield County road and Malin-California line section of The Dalles-California highway; 2.5 miles grading, surfacing and oil mat surface treatment and 2.86 miles surfacing. Requires approximately 93,000 c.y. excavation; 16,000 c.y. crushed rock surfacing materials; 30,000 sq. yds oil mat surface treatment and 3,500 c.y. crushed rock in stockpile.

Consolidated Highway Co., Portland, submitted low bid at $90,562.

BIDS WANTED

GRAHAM COUNTY, Ariz. — Until Jan. 24, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction of the Safford-Bowie Junction Highway, W.P.S.S.-115-B.

The work, which extends from a point about 6.2 miles south of Safford southerly for a distance of about 2 miles, consists of grading and draining the roadway and furnishing and placing aggregate base course, and is to be completed on or before July 15, 1936. The principal items and approximate quantities are:

600 gal. SC-2 road oil.
17,300 cu. yds. roadway excav.;
1,400 cu. yds. drainage excav.;
4,900 cu. yds. imp. bor.;
2,800 cu. yds. mi. imported borrow,
1,100 cu. yds. excav.;
6,700 tons aggregate base course (CIP);
345 cu. yds. concrete;
27,400 lbs. reinf. steel;
190 lin. ft. grading and constructing fords to section;
62 lin. ft. C.M.P. (2 sizes);
20,400 lin. ft. line fence;
150 M. gal. sprinkling;
150 hours rolling;
49 M.B.M. treated timber;
2 M.B.M. treated timber;
648 lin. ft. treated timber piles (furnishing);
58 each placing piles in framed bents;
300 sq. yds. furnishing and placing oil mix;

Funds in the amount of 50,000 have been programmed for the construction of this project.

T. S. O'Connell is state highway engineer.

BID CALL CANCELLED

MENDOCINO COUNTY, Cal.—The State Highway Commission, Sacramento, has cancelled a call for bids to have been opened January 29 for about 14.5 miles grading in Mendocino County between Longvale and Dos Rios.

The project has been withdrawn temporarily pending a new census of relief labor in the vicinity. It is expcted that Federal Works Progress Administration approval for readvertising will be received shortly. *

CONTRACT AWARDED

SAN BENITO CO., Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $85,187.50 awarded contract by the State Highway Commission, Sacramento, for about 3.1 miles of grading and surfacing with road-mix surfacing on selected material base, and constructing a timber bridge in San Benito County between Bear Valley and one mile north of Willow Creek.

NOTICE TO BIDDERS

STATE OF CALIFORNIA. — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on January 29, and in Los Angeles on January 30:

IX-Iny-23-C, D bet. Big Pine and Keough Hot Springs, to be opened Jan. 29: PLANS (No. of Sheets) 20; (Cost) $2.00; CROSS-SECTIONS (No. of Sheets) 101; (Cost) $10.10; Total, $12.10.

VII-L.A-9-L.A through Sunland bet. Fenwick St. and Scoville Ave., to be opened Jan. 30: PLANS (No. Sheets) 14; (Cost) $1.40; CROSS-SECTIONS (No. of Sheets) 16; (Cost) $1.60; Total $3.00.

VII-L.A-168-A, bet. Traffic Circle & Los Angeles St., to be opened Jan. 30: PLANS (No. of Sheets) 2; no charge and no Cross-Sections.

XI-S.D-Palomar Mt. Rd, on Palomar Mountain Road bet. Iron Spring Creek and the observatory site, to be opened Jan. 30: PLANS (No. Sheets) 8 (Cost) $.80; CROSS-SECTIONS (No. of sheets) 24; (Cost) $2.40; Total $3.20.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento. *

BIDS WANTED

SAN MATEO, San Mateo Co., Cal. —Until January 20, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, for the improvement of Hacienda Street between Del Mar and 28th Avenue.

The work involves:

(a) Construction of 112 l.f. of culvert;
(b) 800 c.y. earth and rock fill over culvert;
(c) 1300 sq. yds. 4-in. base rock paving, complete, with 2-in. armor coat, inc. grading, rolling and shaping;
(d) (Alt. to Item c) 1300 sq. yds. 4-in. crusher run base pavement, with oil and rock screenings surface;
(e) 22 Redwood guard posts (6x6-in. x 6-in.) in place and painted with two coats of good outside white paint;
(f) 362.5 l.f. woven wire fence with steel posts.

Plans and specifications obtainable at the office of City Engineer E. P. Wilsey. *

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until February 6, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for 3.7 miles grading on Sepulveda Blvd. between San Fernando Rd. and Brand Blvd. in Los Angeles County.

Bids on this contract were previously opened December 5 at which time low bid was submitted by J. L. McClain, 5850 Brynhurst Ave., Los Angeles, at $555,334.

The work involves:

SAN FRANCISCO—STEEL FEEDER MAINS—(CITY)

SAN FRANCISCO.—MacDonald and Kahn Co., Ltd., 200 Financial Center Bldg., at $137,964 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 101, for laying 20- and 24-inch steel feeder mains in Bacon, Phelps, Williams, Third and Thornton Streets.

The work involves:

(1) 1550 lin. ft. fabrication, lining, and coating of 20-in. scteel pipe with single standard wrapping;
(2) 13,950 lin. ft. fabrication, lining, and coating of 24-in. steel pipe with single standard wrapping;
(3) 10 roundabout seamst from 20-in. diam. steel pipe, fabrication of bends;
(4) 115 roundabout seams from 24-in. diam. pipe, fabrication of bands;
(5) 1500 lin. ft. excavation and backfill, for normal trench not over 4¾ ft. below official street surface, for 20-in. diamfl. pipe;
(6) 13,900 lin. ft. excav. and backfill, for normal trench not over 5-ft. below official street surface for 24-in. diam pipe;
(7) 1,000 cu. yds. additional excav. and backfill, for trench from normal depth of 8-ft: below official street surface;
(8) 500 cu. yds. additional excavation and backfill, for trench over 8-ft. below official street surface
(9) 150 cu. yds. excavation and backfill for drains, normal trench;
(10) 115 cu. yds. excavation and backfill for blow-offs, normal trench
(11) 1000 sq. ft. additional pavement removal and replacement;
(12) 420 lin. ft. installation of drains;
(13) 1500 lin. ft. installation of 20-in. diam. steel pipe;
(14) 13,900 lin. ft. installation of 24-in. steel pipe·
(15) 300 lin. ft. bell and spigot joints, making joints for fittings, etc.
(16) 50,000 lbs. install fittings, etc.;
(17) 51,000 sq. ft -epavement. face, for 20-in. diameter pipe;

Total bids follow:

(A) MacDonald & Kahn Co., Ltd., San Francisco, $137,964.00.
(B) Eaton & Smith, San Francisco. $140,342.10.
(C) Chas. L. Harney, San Francisco, $146,568.00.
(D) W. J. Tobin, Oakland, $149,902.50.
(E) M. J. Lynch, San Francisco, $152-440.00.
(F) Sibley Grading & Teaming Co., San Francisco, $156,780.50.
(G) R. B. McNair and H. Gould, Sacramento, $159,327.75.
(H) Lowrie Paving Co., San Francisco $185,148.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 4.20	$ 4.70	$ 4.22	$ 4.50	$ 4.00	$ 4.64	$ 4.14	$ 4.17
(2)	4.80	4.87	4.76	5.00	4.60	5.21	4.76	4.80
(3)	18.00	23.00	21.25	25.00	16.00	15.00	14.50	25.00
(4)	18.00	24.00	23.25	28.00	18.00	15.00	14.50	27.50
(5)	2.20	1.70	1.62	1.25	1.70	2.30	2.50	2.40
(6)	2.00	2.00	1.98	1.75	2.20	3.15	2.75	3.00
(7)	1.50	2.00	4.25	5.00	5.00	2.00	5.00	7.00
(8)	1.50	2.00	7.25	8.00	10.00	4.00	6.75	8.50
(9)	2.00	2.60	2.00	2.50	4.00	3.00	3.25	4.00
(10)	2.00	2.60	2.00	2.50	4.00	3.00	3.25	4.00
(11)	.30	.40	.34	.35	.30	.40	.30	.34
(12)	.70	.53	.80	.50	1.00	.80	.75	.60
(13)	2.00	.88	.83	1.00	1.30	1.00	1.10	2.00
(14)	1.00	1.00	1.10	1.25	1.40	1.12	1.35	2.10
(15)	.70	.93	.34	.35	1.00	.75	.75	.40
(16)	.05	.015	.05	.05	.04	.035	.01	.05
(17)	.16	.22	.25	.23	.22	.20	.23	.30

(1) 194 stations clearing and grubbing right of way;
(2) 6,300 M. gals .water;
(3) 348,500 c.y. rdwy. excav., unclass.
(4) 3,800 c.y. struc. excav.;
(5) 3,800 c.y. ditch and channel excavation;
(6) 6,000,000 sta. yds. overhaul;
(7) 194 sta. finishing rdwy.;
(8) 210 tons mineral aggregate (plant mixed surfacing);
(9) 11 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surfacing);
(10) 20 tons asphalt concrete (type A surface);
(11) 40 c.y. Class A Portland cement concrete (struc.);
(12) 220 c.y. Class B do;
(13) 3200 lbs. bar rein. steel (struc.);
(14) 18 MFBM treated Douglas fir timber;
(15) 0.3 MFBM untreated do;
(16) 1,800 lbs. structural steel & metal
(17) 27 each spillway assemblies;
(18) 740 l.f. 8-in. CMP;
(19) 130 l.f. 18-in. do;
(20) 70 l.f. 21-in. do;
(21) 970 l.f. 24-in. do;
(22) 122 l.f. 36-in. do;
(23) 100 l.f. 60-in. do;
(24) 200 l.f. 78-in. do;
(25) 385 l.f. 150-in. multi-plate CMP (93-11);
(26) 450 l.f. 18-in. CMP siphon;
(27) 110 l.f. 24-in. CMP siphon;
(28) 41 each culvert markers.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

30—RESERVOIRS & DAMS

COMPLETE BID LISTING

ELKO COUNTY, Nevada — J. A. Terteling & Sons, 2232 Fairview Ave., Boise, Idaho, at $94,770, as previously reported, submitted low bid to the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, for the construction of a variable radius concrete arch dam across the Owyhee River together with appurtenant works (consisting of crest spillway in middle portion of arch, outlet gates, approach and discharge channels to same, concrete protective aprons, loose rock fills, suspension foot bridge) located approximately 25 miles south of Mountain City, Nevada, and 70 miles north of Elko, Nevada. The nearest shipping point is Elko on the Southern Pacific and Western Pacific Railroads. The government will furnish cement, reinforcing steel, metal pipe and fittings, and copper sheets, f.o.b. cars, Elko.

The work involves:

(1) Lump sum—diversion and care of river during construction and unwatering foundations;
(2) 800 cu. yds. common excavation;
(3) 1300 cu. yds. solid rock excav.;
(4) 3200 cu. yds. concrete;
(5) 30,000 lbs. placing reinf. steel;
(6) 94 cu. ft. pressure grouting foundation;
(7) 600 lin. ft. drilling 10-ft. grout holes;
(8) 1400 lbs. installing pipes and fittings for foundation grouting;
(9)2735 lbs. installing pipes and fittings for radial contracting joint grouting;
(10) 100 lin. ft. placing copper water strips along foundation;
(11) 8700 lbs. installing and painting two 48-in. round cast iron gates, gate stems, gate stem guides, gate frames and hoisting mechanism;
(12) 3700 lbs. installing and painting trash racks—metal work;
(13) 1800 lbs. installing and painting hand rails;
(14) Lump sum — erect suspension bridge.

Total bids follow:

(A) J. A. Terteling & Sons, Boise, $94,770.
(B) Case Constr. Co., Alhambra, $103,091.50.

Unit bids follow:

	(A)	(B)
(1)	$3000.00	$500.00
(2)	1.00	1.50
(3)	3.00	5.00
(4)	25.00	28.50
(5)	.04	.015
(6)	2.00	3.00
(7)	1.00	1.25
(8)	.20	.10
(9)	.20	.10
(10)	.20	.50
(11)	.10	.08
(12)	.05	.10
(13)	.10	.10
(14)	3000.00	500.00
		30

EXTRA WORK AUTHORIZED

EUREKA, Humboldt Co., Cal.—City Council has authorized the T. E. Connolly-Hanrahan Co. to excavate an additional 50,000 c.y. of dirt at the Mad River Dam site at the agreed price of $0.20 per c.y.

Two previous authorizations for 20,000 c.y. each, one for 60,000 c.y. and one for 50,000 c.y. have been approved and most of the work carried out.

Evan D. Gardner is city engineer, and Clyde C. Kennedy, 74 New Montomery St., San Francisco, is consulting engineer on the Mad River Project.

A complete survey of geological and engineering conditions at the dam site was completed recently by Fred C. Herrmann, Merchants Exchange Bldg. San Francisco, and Dr. George D. Louderback of the Department of Geology at the University of California.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 29, 2:30 P. M., bids will be received by San Francisco Department of Public Works, W. H. Worden, Director, Rm. 251, City Hall, for constructing five fire cisterns (Group 3) on Dolores St. at 22nd, 24th, 26th, 28th and 30th Sts., a part of the Auxiliary Water Supply System for the Fire Department; Spec. No. 18,761. Estimated cost, $32-000.

The work involves:

(1) one 75,000-gal. reinforced concrete cistern at 22nd and Dolores Sts.;
(2) One do 24th and Dolores Sts.;
(3) One do 26th and Dolores Sts ;
(4) One do 28th and Dolores Sts.;
(5) One do 30th and Dolores Sts.;
(6) 140 c.y. excavation, includ. backfill, test trenches;
(7) 279 sq. ft. repairing test trenches.

Plans and specifications available from above on deposit of $10.00.

CONTRACT AWARDED

BOISE PROJECT, Ida.—T. E. Connolly, Inc., 461 Market St., San Francisco, at $395,040 awarded contract by the Bureau of Reclamation, care Boise Project Board of Control, Boise, R. J.

SAN FRANCISCO—FIFTH ST. RECONSTRUCTION—City

SAN FRANCISCO. — Fay Imp. Co., Phelan Bldg., at $43,568.30 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,917 for widening and reconstruction of the roadway on Fifth Street between Mission and Harrison Streets, and between Bryant and Townsend.

The work involves:

(1) 1,460 c.y. rock fill;
(2) 12,300 s.f. remove asphalt - concrete pavement, consisting of a 6-in. concrete base and a 2-in. asphaltic concrete pavement;
(3) 20,400 s.f. remove asphaltic-concrete wearing surface;
(4) 41 each catchbasins, reset or reconstructed;
(5) 2 each catchbasins, complete;
(6) 960 l.f. 12-in. VCP sewer, in place
(7) 41 each concrete curb inlets;
(8) 4,500 l.f. granite curb, reset;
(9) 2,100 s.f. granite curb, redressed;
(10) 560 l.f. granite curb (tangent) in place;
(11) 550 l.f. granite curb (circular) in place;
(12) 50 c.y. Class B concrete curb backing;
(13) 38,000 s.f. 8-in. Class E concrete pavement;
(14) 2,300 tons asphaltic concrete base and leveling course;
(15) 1,850 tons asph. concrete wearing surface;
(16) 200 tons asphaltic concrete conform pavement;
(17) 16 each street and traffic signs, reset;
(18) 12,500 s.f. one-course conc. sidewalk;
(19) 2,600 s.f. asphalt macadam walk, consisting of a 4-in. rock macadam base, and a 2-in. asphaltic concrete wearing surface;
(20) 100 each cross walks markers, in place;
(21) 50 l.f. 10-in. VCP culvert in place.

Total bids follow:

(A) Fay Improvement Co. $43,568.30
(B) Chas. L. Harney 44,587.70
(C) A. G. Raisch 46,499.00
(D) Eaton & Smith 48,763.60
(E) Pacific States Const. Co. 48,949.50
(F) Mills Const. Co 48,977.50
(G) Lowrie Paving Co., Inc... 49,945.00
(H) Pacific Pavements Co..... 52,217.00
(I) E. J. Treacy 55,693.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ 1.46	$ 1.20	$ 1.60	$ 1.50	$ 1.50	$ 1.50	$ 2.25	$ 2.25	$ 1.50
(2)	.09	.02	.10	.075	.08	.10	.04	.10	.10
(3)	.025	.02	.05	.04	.03	.06	.015	.08	.05
(4)	50.00	60.00	40.00	50.00	65.00	40.00	75.00	50.00	55.00
(5)	73.00	95.00	60.00	88.00	80.00	80.00	85.00	80.00	65.00
(6)	2.62	2.00	4.00	3.80	4.70	2.50	2.50	2.50	5.30
(7)	9.00	19.00	8.00	6.30	7.00	10.00	10.00	8.00	10.00
(8)	.30	.50	.45	.50	.35	.30	.30	.43	.70
(9)	.70	.35	.30	.75	.45	.65	.70	.40	1.00
(10)	1.50	1.25	1.70	1.73	2.00	2.50	2.50	1.00	2.00
(11)	2.45	3.13	2.40	2.08	2.30	4.00	3.40	1.00	2.00
(12)	7.60	10.00	7.00	8.20	8.50	9.00	9.00	8.00	8.00
(13)	.275	.24	.30	.3075	.29	.33	.32	.26	.37
(14)	3.60	4.50	4.00	4.00	4.20	4.10	4.00	5.40	4.30
(15)	4.16	4.50	4.00	4.50	4.50	4.35	4.50	6.00	4.30
(16)	4.50	4.50	4.00	4.40	4.80	5.00	5.30	6.00	5.00
(17)	3.50	5.00	1.00	4.00	4.00	5.00	5.00	5.00	5.00
(18)	.13	.146	.12	.15	.15	.12	.16	.14	.16
(19)	.06	.062	.12	.07	.08	.10	.12	.12	.15
(20)	.19	.40	.30	.19	.35	.25	.25	.30	.25
(21)	3.40	2.50	1.00	2.50	1.25	1.50	1.00	1.50	2.00

Newell, Construction Engineer, under Spec. No. 661, for the raising of the Arrowrock Dam, Boise Project.

BIDS WANTED

SALT RIVER PROJECT, Arizona.—Until February 5, 10 A. M., bids will be received by the Bureau of Reclamation, care Salt River Valley Water Users Assn., Phoenix, under Spec. No. 663, for alterations to the spillway at Roosevelt Dam, Salt River Project.

The work is located on the Salt river about 63 miles northeast of Mesa and the principal items of work involved are:

(1) 70 c.y. excavation for spillway aprons;
(2) 610 c.y. excavation of old concrete and stone masonry;
(3) 2,300 sq. yds. chipping and roughening surfaces of old concrete;
(4) 850 c.y. concrete;
(5) 2,160 sq. yds. gunite;
(6) Drilling holes for and installing 3,900 anchor bolts of reinf. bars;
(7) Placing 96,000 lbs. reinf. bars;
(8) Drilling 1,700 l.f. holes for anchor bars;
(9) Installing 46,000 lbs. radial gate hoists;
(10) Installing 570 lbs. pipe handrails;
(11) Dismantling, altering, reinstalling and painting radial gates;
(12) Dismantling old radial gate hoists
(13) Installing electrical circuits and apparatus.

Work shall be commenced within 30 calendar days and completed within 200 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable at the office of the Bureau of Reclamation, Phoenix, Ariz.; Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others, $1.50 not returnable.

BIDS WANTED

COLORADO RIVER PROJECT, Texas—Until February 3, 10 A. M., bids will be received by the Bureau of Reclamation, Austin, Texas, under Spec. No. 667, for clearing the Hamilton reservoir site, Colorado River Project, Texas. The work is located about 13 miles west of Burnet, Texas.

Work has been divided into two schedules, and involves about 15,800 acres of clearing.

Work shall be commenced within 15 calendar days and completed within 550 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the Bureau of Reclamation at Austin, Texas; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $0.50 per copy, not returnable.

31 — PIPE LINES & WELLS

BIDS WANTED

SAN FRANCISCO.—Until Feb. 5, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, for constructing the Crystal Springs Pipe Line No. 2 from Millbrae to University Mound Reservoir; San Francisco Water Department Spec. No. 79.

Under this contract a pipe line about 10.5 miles long is to be constructed from a point in the San Francisco Water Department yard nr. Millbrae, San Mateo County, to the University Mound Reservoir near Woolsey and Bowdoin Streets in San Francisco.

The greater portion of the line will be laid in trench. Certain short lengths, totaling about 0.5 mile, will be supported above the ground on timber trestle or concrete piles.

Section A, from a point near Baden to the University Mound Reservoir, totaling about 35,050 feet, will be entirely of 60-inch. welded steel pipe of ⅜-inch plate.

Section B, from the point of beginning near Millbrae to a point near Baden totaling about 20,540 ft., will be of 60-in. steel cylinder reinforced concrete pipe with short sections of 60-in. welded steel pipe of ⅜-in. plate.

Section A is broken into four unequal lengths by three tunnels, aggregating about 4,000 feet, to which the pipe line is to be connected. These tunnels are being constructed by Barrett & Hilp, Inc., under Water Department Contract No. 74.

Contracts may be awarded either separately for each section or a single contract may be let for constructing the two sections.

LAGUNA BEACH—SEWER SYSTEMS — (CITY)

LAGUNA BEACH, Orange Co., Cal.—Miracle Construction Co., 4751 Monroe St., San Diego, submitted low bid to Laguna Beach City Council, Jan. 8, at $32,037.40 and at $75,449.55 for constructing sanitary sewers in Sewer Lateral District No. 2 and Sewer Lateral District No. 3, respectively.

Bids were taken as follows:

DISTRICT NO. 2

(1) 14,903 lin. ft. 8-in. vitrified clay pipe lateral sewers;
(2) 2580 lin. ft. 6-in vit. clay pipe house connection sewers;
(3) 170 lin. ft. 4-in. C.I. pipe pressure line;
(4) 675 vertical ft. standard manholes
(5) 6 units flushing manholes;
(6) 1 unit reinforced concrete pumping plant complete (2 pumps, each 75-gpm against 28-ft. head)
(7) 1 unit lowering and reconstructing existing pumping plant.

DISTRICT NO. 3

(1) 2241 lin. ft. 10-in. vit clay pipe lateral sewer;
(2) 27,602 lin. ft. 8-in. do;
(3) 130 lin. ft. 8-in. cast iron pipe lateral sewer;
(4) 5974 lin. ft. 6-in. vit clay pipe house connection sewer;
(5) 1432 vertical ft. standard manholes;
(6) 9 units, flushing manholes complete;
(7) 1400 cu. yds. grading and excavation;
(8) 343 lin. ft. corru. metal pipe culvert;
(9) 1 unit catchbasin;
(10) 1 unit curb inlet;
(11) 1420 lin. ft. concrete curbs;
(12) 15,000 sq. ft. 2-in. rock and oil surfacing;
(13) 45 cu. yds. reinf. concrete retaining wall.

Total bids follow:

DISTRICT NO. 2

(A) Miracle Co.	$32,037.40
(B) John Grancich	33,973.92
(C) J. L. Kruly	34,647.20
(D) J. C. Hickey	35,982.50
(E) Nick Chutuk	38,837.92
(F) V. C. K. Constr. Co.	39,647.22
(G) E. L. Fleming and B. D. Zaich	40,310.90
(H) Mike Radich and C. T. Brown	42,715.46
(I) Sutalo & Ramljak	45,930.55
(J) A & B Constr. Co.	45,930.55
(K) Daley Corp., San Diego	58,388.80

DISTRICT NO. 3

(L) Miracle Co.	$ 75,449.55
(M) J. L. Kruly	79,525.25
(N) J. C. Hickey	85,115.25
(O) V. C. K. Constr. Co.	90,312.55
(P) A & B Constr. Co.	91,442.70
(Q) Mike Radich and C. T. Brown	94,197.03
(R) John Grancich	103,944.61
(S) E. L. Fleming and B. D. Zaich	107,402.90
(T) Sutalo & Ramljak	107,665.00
(U) Daley Corp.	122,601.67

Unit bids follow:

DISTRICT NO. 2

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	$ 1.30	$ 1.64	$ 1.40	$ 1.50	$ 1.64	$ 1.74	$ 1.80	$ 1.82	$ 1.94	$ 1.85	$ 2.52
(2)	1.20	.65	1.35	1.40	1.54	1.70	1.10	1.65	1.50	1.50	3.28
(3)	1.50	1.00	1.50	1.80	1.64	1.75	2.00	2.00	3.00	2.00	3.20
(4)	9.50	7.00	11.00	10.00	9.00	7.70	10.50	10.00	9.00	10.00	9.40
(5)	150.00	93.50	70.00	160.00	145.00	130.00	170.00	150.00	140.00	150.00	163.56
(6)	1500.00	1600.00	1900.00	1400.00	2100.00	2200.00	1800.00	2160.00	1965.00	4000.00	2671.02
(7)	500.00	800.00	300.00	600.00	1100.00	855.00	400.00	1185.00	700.00	2500.00	1829.46

DISTRICT NO. 3

	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)
(1)	$ 1.60	$ 1.75	$ 1.90	$ 2.21	$ 2.00	$ 2.00	$ 2.31	$ 2.60	$ 3.00	$ 2.21
(2)	1.60	1.60	1.80	1.94	1.85	2.00	2.50	2.50	2.50	2.65
(3)	2.40	4.00	2.45	2.97	2.50	3.00	1.80	3.00	3.00	3.54
(4)	1.45	1.45	1.50	2.10	1.50	1.72	1.50	1.85	1.50	3.63
(5)	9.50	11.50	10.00	8.70	12.00	10.00	9.00	10.20	10.00	9.40
(6)	150.00	180.00	160.00	150.00	150.00	150.00	120.00	170.00	150.00	176.72
(7)	.35	.45	.60	1.00	1.00	1.25	1.50	.50	1.00	1.00
(8)	2.75	3.00	3.55	3.80	4.00	6.25	3.50	3.00	4.00	4.98
(9)	75.00	75.00	230.00	225.00	65.00	125.00	150.00	200.00	100.00	86.00
(10)	200.00	70.00	125.00	75.00	200.00	300.00	250.00	80.00	200.00	221.00
(11)	.50	.45	.60	.50	1.00	.65	.50	.50	1.00	.70
(12)	.05	.0575	.10	.035	.15	.14	.10	.06	.10	.09
(13)	13.00	13.50	30.00	18.00	30.00	18.00	15.00	30.00	20.00	33.76

Plans were prepared by A. J. Stead, City Engineer.

The three low bids for the two projects were forwarded to the PWA Engineer with the recommendation that the contract in each case be awarded to the Miracle Co. at the low bid prices.

Bids will be taken as follows:

SECTION A

(1) 32,700 l.f. furnishing and laying 60-in. dia. welded steel pipe in trench;
(2) 2,350 l.f. furnishing and laying 60-in. diameter welded steel pipe on trestle or piers;
(3) 35,800 lbs. furnishing and installing steel pipe specials;
(4) 610 each furnishing and installing beveled courses for curved sections;
(5) Not included in this schedule;
(6) 1,110,000 sq. ft. applying bituminous enamel protective coating and lining to steel pipe;
(7) 497,000 sq. ft. felt wrapping on steel pipe;
(8) 51,000 sq. ft. ¾-in. mortar covering on steel pipe;
(9) 5 each furnishing and installing flexible couplings;
(10) 1 only furnishing and installing expansion joint;
(11) 27 each furnishing and installing manholes on pipe;
(12) 6,500 lbs. furnishing and installing saddle nozzles;
(13) 4,000 lbs. furnishing and installing companion flanges;
(14) 5,000 lbs. furnishing and installing miscellaneous steel work attached to pipe;
(15) 74,200 lbs. furnishing and installing miscellaneous steel work not attached to pipe;
(16) 20 valves, furnishing and installing 4-in. gate valves for 150-lb. pressure;
(16a) 8 valves, furnishing and installing 4-in. gate valves for 150-lb. pressure with beveled gears;
(17) 36 valves, furnishing and installing 6-in. gate valves for 150-lb. pressure;
(17a) 25 gate valves, furnishing and installing 6-in. gate valves for 150 - lb. pressure with beveled gears;
(18) 12 gate valves, furnishing and installing 8-in. gate valves for 150-lb. pressure;
(18a) 5 gate valves, furnishing and installing 8-in. gate valves for 150 - lb. pressure with beveled gears;
(19) No item 19 in specifications;
(20) 2 gate valves, furnishing and installing 12-in. low pressure gate valves;
(21) 3 gate valves, furnishing and installing 16-in. do;
(22) 10 vacuum valves, furnishing and installing 4-in. vacuum valves;
(23) 25 vacuum valves, furnishing and installing 6-in. vacuum valves;
(24) 5 vacuum valves, furnishing and installing 8-in. vacuum valves;
(25) 26 valves, furnishing and installing air release valves;
(26) 22,500 lbs. furnishing and installing cast iron pipe, gate valve covers and fittings;
(27) 3,500 lbs. furnishing and installing corrugated metal pipe culverts;
(28) 3,400 lbs. furnishing and installing steel castings not covered by other items;
(29) 600 lbs. furnishing and installing bolts, nuts and washers;
(30) 1,000 lbs. installing fittings furnished by City to be riveted or welded to pipe;
(31) 25,000 lbs. installing large gate valves and Venturi meter furnished by the City;
(32) 2,000 lbs. installing misc. metal work furnished by the City;
(33) 21,300 c.y. Class 1 earth excavation for pipe trenches up to 9-ft. depth;
(34) 1,150 c.y. Class 1 do, below 9-ft. depth;
(35) 55,000 c.y. Class 2 earth excavation for pipe trenches;
(36) 600 c.y. earth excavation for footings and structures;
(37) 6,600 c.y. additional for rock excavation;
(38) 800 c.y. constructing earth embankments;
(39) 13,000 c.y. sand backfill for excavations in paved roads & streets
(40) 100 each, remove, repair and/or replace house sewer laterals;
(41) 500 l.f. furnishing and installing 6-in. main sewer;
(42) 240 c.y. Class A concrete;
(43) 20 c.y. Class B concrete;
(44) 20 bbls. extra cement;
(45) 27,500 lbs. reinforcing steel;
(46) 18,600 l.f. furnishing untreated piles;
(47) 2,500 l.f. furnishing treated piles;
(48) 450 each, driving piles;
(49) 120 MFBM furnishing and installing Redwood timber;
(50) 20 MFBM furnishing and installing Douglas fir timber;
(51) 7,000 lbs. furnishing and installing structural steel;
(52) 4,000 sq. yds. painting miscellaneous structures;
(53) 18,000 sq. ft. repavement in City and County of San Francisco;
(54) 60,000 sq. ft. repavement in San Mateo County;
(55) Lump sum, constructing Venturi meter building.

SECTION B

(1) 50 l.f. furnishing and laying 60-in. diameter welded steel pipe of ⅜-in. plate in trench;
(2) 150 l.f. do on trestle or piers;
(3) 7,400 lbs. furnishing and installing steel pipe specials not included in other items;
(4) 12 each, furnishing and installing beveled courses for curved sections in welded steel pipe;
(5) No item 5 in specifications;
(6) 5,300 sq. ft. applying bituminous enamel protective coating and lining to steel pipe;
(7) 200 sq. ft. felt wrapping on steel pipe;
(8) 1,100 sq. ft. ¾-in. mortar covering on do;
(9) and (10) omitted from this Sched.
(11) 11 manholes, furnishing and installing manholes on pipe:
(12) 4,900 lbs., furnishing and installing saddle nozzles;
(13) 800 lbs. furnishing and installing companion flanges;
(14) 200 lbs. furnishing and installing misc. steel work attached to pipe
(15) 37,800 lbs. furnishing and installing misc. steel work not attached to pipe;
(16) 8 gate valves, furnishing and installing 4-in. gate valves for 150-pound pressure;
(16a) 2 gate valves, furnishing and installing 4-in. gate valves for 150-lb. pressure with beveled gears;
(17) 29 gate valves, furnishing and installing 6-in. gate valves for 150-lb. pressure;
(17a) 17 gate valves, furnishing and installing 6-in. gate valves for 150 - lb. pressure with beveled gears;
(18) 2 gate valves, furnishing and installing 8-in. gate valves for 150-lb. pressure;
(18a) 1 gate valve, furnishing and installing 8-in. gate valves for 150-lb. pressure with beveled gears;
(19) No item 19 in specifications;
(20, 21, 22) Omitted from this Sched.;
(23) 17 vacuum valves, furnishing and installing 6-in. vacuum valves;
(24) Omitted from this Schedule;
(25) 19 air release valves, furnishing and installing air release valves
(26) 7,500 lbs. furnishing and installing cast iron pipe, gate valve covers and fittings;
(27) 500 lbs. furnishing and installing corrugated metal pipe culverts;
(28) 1,600 lbs. furnishing and installing steel castings not covered by other items;
(29) 400 lbs. furnishing and installing bolts, nuts and washers;
(30) 3,000 lbs. installing fittings furnished by the City to be riveted or welded to pipe;
(31) 8,200 pounds installing large gate valves and Venturi meter furnished by the City;
(32) 2,000 lbs. installing misc. metal work furnished by the City;
(33) 12,200 c.y. Class 1 earth excavation for pipe trenches up to 9-ft. depth;
(34) 4,900 c.y. do below 9-ft. depth;
(35) 47,900 c.y. Class 2 earth excavation for pipe trenches;
(36) 200 c.y. earth excavation for footings and structures;
(37) 720 c.y. additional for rock excavation;
(38) 200 c.y. constructing earth embankments;
(39) 9,000 c.y. sand backfill for excav. in paved roads & streets;
(40) 170 each remove, repair and/or replace house sewer laterals;
(41) 4,000 l.f. furnishing and installing 6-in. main sewer;
(42) 60 c.y. Class A concrete;
(43) 20 c.y. Class B concrete;
(44) 10 bbls. extra cement;
(45) 7,700 lbs. reinforcing steel;
(46, 47, 48) Omitted from this Sched.;
(49) 5 MFBM furnishing and installing Redwood timber;
(50) 5 MFBM furnishing and installing Douglas fir timber;
(51) 1,000 lbs. furnishing and installing structural steel;
(52) 500 sq. yds. painting miscellaneous structures;
(53) Omitted from this Schedule;
(54) 34,500 sq. ft. repavement in San Mateo County;
(55) Omitted from this Schedule;
(56) 860 l.f. furnishing and laying 60-in. steel cylinder reinforced concrete pipe for 300-ft. head;
(57) 5,240 l.f. do for 275-ft. head;
(58) 9,690 l.f. do for 250-ft. head;
(59) 4,550 l.f. do for 225-ft. head;
(60) 150 tension joints in steel cylinder reinforced concrete pipe;
(61) 185 furnishing & installing bevel courses for elbows in conc. pipe.

SECTIONS A and B

(1) 32,750 l.f. furnishing & laying 60-in. diameter welded steel pipe of ⅜-in. plate in trench;
(2) 2,500 l.f. furnishing and laying do on trestle or piers;
(3) 43,200 lbs. furnishing and installsteel pipe specials;
(4) 622 each furnishing and installing beveled courses for curved sections in welded steel pipe;
(5) Not included in this Sched.;
(6) 1,115,300 sq. ft. applying bitum. enamel protective coating and lining to steel pipe;
(7) 497,200 sq. ft. felt wrapping on steel pipe;
(8) 52,100 sq. ft. ¾-in. mortar covering on steel pipe;
(9) 5 each furnishing and installing flexible couplings;
(10) 1 only furnishing and installing expansion joint;
(11) 38 each furnishing and installing manholes on pipe;
(12) 11,400 lbs. furnishing and installing saddle nozzles;
(13) 4,800 lbs. furnishing and installing companion flanges;
(14) 5,200 lbs. furnishing and installing misc. steel work attached to pipe
(15) 112,000 lbs. furnishing and installing misc. steel work not attached to pipe;
(16) 28 each furnishing and installing 4-in. gate valves;
(16a) 10 each do with beveled gears;
(17) 65 each furnishing and installing 6-in. gate valves;
(17a) 42 each do with beveled gears;
(18) 14 each furnishing and installing 8-in. valves;
(18a) 6 each do with beveled gears;
(19) Not included in this Schedule;

(20) 2 each furnishing and installing 12-in. low pressure gate valves;
(21) 3 each furnishing and installing 16-in. low pressure gate valves;
(22) 10 each furnishing and installing 4-in. vacuum valves;
(23) 42 each furnishing and installing 6-in. vacuum valves;
(24) 5 each furnishing and installing 8-in. vacuum valves;
(25) 45 each furnishing and installing air release valves;
(26) 30,000 lbs. furnishing and installing cast iron pipe, gate valve covers and fittings;
(27) 4,000 lbs. furnishing and installing corru. metal pipe culverts;
(28) 5,000 lbs. furnishing and installing steel castings;
(29) 1,000 lbs. furnishing and installing bolts, nuts and washers;
(30) 4,000 lbs. installing fittings furnished by the city to be riveted or welded to pipe;
(31) 33,200 lbs. installing large gate valves and venturi meter furnished by the city;
(32) 4,000 lbs. installing misc. metal work furnished by the city;
(33) 33,500 c.y. Class 1 earth excavation for pipe trenches up to 9-ft. depth;
(34) 6,050 c.y. Class 1 do below 9-ft. depth;
(35) 102,900 c.y. Class 2 earth excavation for pipe trenches;
(36) 800 c.y. earth excavation for footings and structures;
(37) 7,320 c.y. additional for rock excavation;
(38) 1,000 c.y. constructing earth embankments;
(39) 22,000 c.y. sand backfill for excavations in paved roads and streets;
(40) 270 each remove, repair and/or replace house sewer laterals;
(41) 4,500 l.f. furnishing and installing 6-in. main sewer;
(42) 300 c.y. Class A concrete;
(43) 40 c.y. Class B concrete;
(44) 30 bbls. extra cement;
(45) 35,200 lbs. reinforcing steel;
(46) 18,600 l.f. furnishing untreated piles;
(47) 2,500 l.f. furnishing treated do;
(48) 450 each driving piles;
(49) 125 MFBM furnishing and installing Redwood timber;
(50) 25 MFBM furnishing and installing Douglas fir timber;
(51) 8,000 lbs. furnishing and installing structural steel;
(52) 4,500 sq. yds. painting miscellaneous structures;
(53) 18,000 sq. ft. repavement in City and County of San Francisco;
(54) 94,500 sq. ft. do in San Mateo Co.;
(55) Lump sum constructing venturi meter building;
(56) 860 l.f. furnishing and laying 60-in. steel cylinder reinforced concrete pipe for 300-ft. head;
(57) 5,240 l.f. do for 275-ft. head;
(58) 9,690 l.f. do for 250-ft. head;
(59) 4,550 l.f. do for 225-ft. head;
(60) 150 each tension joints in steel cylinder reinf. concrete pipe;
(61) 185 each furnishing and installing bevel courses for elbows in concrete pipe.

Plans and specifications may be obtained at Room 605, San Francisco Water Department Bldg., 425 Mason St., on deposit of $25.

Nelson A. Eckart, general manager and chief engineer. • 31

January 15, 1936

BIDS WANTED

SAN FRANCISCO.—Until February 4, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W. D. 80, for laying the Crosstown Pipe Line consisting of 36- and 44-in. diameter steel pipe.

Bids will be taken as follows:
(1) Removal and delivery of steel pipe from the Newark-San Lorenzo Pipe Line to San Francisco, 11,150 l.f. of 36-in. pipe;
(2) Removal of lining and coating from the steel pipe, 11,150 l.f. of 36-in. pipe;
(3) Repairing holes in 36-in. diam. steel pipe, 75 l.f. of welding;
(4) Relining and recoating of steel pipe with Single Standard Wrapping, 11,100 l.f. of 36-in. pipe;
(5) Fabrication, lining and coating of steel pipe with Single Standard Wrapping, 900 l.f. of 36-in. pipe from ¼-in. plates;
(6) Fabrication, lining and coating of steel pipe with Single Standard Wrapping, 5,500 l.f. of 44-in. dia. pipe from 5/16-in. plates;
(7) Fabrication of bends, 50 roundabout seams from 36-in. diameter steel pipe;
(8) Fabrication of bends, 40 roundabout seams from 44-in. diameter steel pipe;
(9) Excavation and backfill for normal trench, not over 6-ft. below the street surface for 36-in. pipe, 12,300 l.f.;
(10) Excavation and backfill for normal trench, not over 6¾-in. below the street surface for 44-in. diameter pipe, 5,500 l.f.;
(11) Additional excavation and backfill for trench from normal trench depth to 8-ft. below street surface, 1,500 c.y.,
(12) Additional excavation and backfill for trench over 8-ft. below street surface, 1,500 c.y.;
(13) Excavation and backfill for drains normal trench, 125 c.y.;
(14) Excavation and backfill for blowoffs, normal trench, 150 c.y.;
(15) Additional pavement removal and replacement, 1500 sq. yds.;
(16) Installation of drains, 225 l.f.;
(17) Installation of steel pipe, 12,300 l.f. of 36-in. dia. steel pipe;
(18) do, 5,500 l.f. of 44-in. steel pipe;
(19) Making joints—for pipe and fittings, 350 l.f. bell and spigot joints;
(20) Iinstallation of fittings, 70,000 lbs.
(21) Repavement, 70,000 sq. ft.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10.00.

N. A. Eckart, chief engineer.

CONTRACTS AWARDED

RIVERSIDE and San Bernardino Cos., Cal.—Contracts for constructing the Cajalco-Fontana Pipe Line, 16.47 miles, Spec. 137, were awarded by the Board of Directors of the Metropolitan Water District Jan. 10, to the American Concrete and Steel Pipe Co. and the Western Pipe and Steel Co., at a total of $5,578,928. Including district items, engineering and other incidentals, total cost of this section of the Upper Feeder will be $7,423,486. The individual contracts are:

American Concrete and Steel Pipe Co., 4635 Firestone Blvd., South Gate, at $1,371,890, for constructing Schedules 1 P and 3P, 2.33 miles and 3.81 miles, respectively, of 11 ft. 8 in. precast concrete pipe. The bid on Schedule 1P was $540,611 and 3P, $880,639, with a deduction of $49,360 for award of both schedules.

Western Pipe and Steel Co., 5717 Santa Fe Ave., Los Angeles, at $4,207,037.57, for constructing 10.33 miles of 9 ft. 8 in. to 12 ft. 0 in. steel pipe line (Schedule 2S) and a steel bridge across the Santa Ana River (Schedule 2B). The bid on 2S was $4,047,374.57, and on 2B, $159,63.

PLANS AWAITING PWA APPROVAL

SAN FRANCISCO. — San Francisco Water Department has submitted plans to the PWA for the Millbrae-University Mound section of Crystal Springs pipe line No. 2. Bids will be asked as soon as PWA approval is received. Estimated cost is approximately $1,400,000.

Contracts will be let for laying about 10.5 miles of 60-in. welded steel pipe between San Francisco Water Department Yard near Millbrae and University Mound Reservoir. Separate contracts may be let for each of two sections. Section "A", between Baden and the reservoir will consist entirely of welded steel pipe, a length of about 35,050 feet. Section "B" will consist of 60-in. steel cylinder reinforced concrete pipe with short sections of welded steel pipe, a length of approximately 20,540 feet.

Plans are being prepared under supervision of Chief Engineer N. A. Eckart for a third section of the Crystal Springs pipe line to be constructed from Crystal Springs Dam to Burlingame. The estimated cost of this portion is approximately $700,000. The contract will be advertised at a later date.

BIDS WANTED

POINT ARGUELLO, Santa Barbara Co., Cal.—Until January 23, 2 P. M., bids will be received by the U. S. Coast Guard Headquarters, Washington, D. C., for the driving of a deep water well, including the furnishing of all necessary equipment, materials, tools, etc., and drilling, casing, and pumping the well, at the location of the new Point Arguello Coast Guard Station near Arlight, Santa Barbara County.

Specifications obtainable from above office and on file at the Coast Guard, Section Base II, Government Island, Oakland, where they may be viewed by prospective bidders. •

32— SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

EL CENTRO, Imperial Co., Cal.—A & B Const. Co., 912 S Atlantic Blvd., Hynes, awarded contract (subject to PWA approval) by the El Centro city council January 9 at $249,097, for the construction of a sewage pumping plant and outfall sewer emptying into the New River, about 35,000 l.f. from plant to discharge point. Plans for the project were prepared by Koebig & Koebig, consulting engineers, Rowan Bldg., Los Angeles, and Phil W. Knight, city engineer.

CONTRACT AWARDED

FRESNO, Fresno Co., Cal.—Thompson Const. Co., 2150 G St., Fresno, at $978.13 awarded contract by Fresno City Commission, H. S. Foster, City Clerk, for furnishing clay sewer pipe as follows:
(1) 2196 l.f. 10-in.;
(2) 30 l.f. 8-in.;
(3) 284 l.f. 6-in.

The other bids were:
California Pottery Co., Niles, $978.13
San Joaquin Materials Co., Fresno, $978.13.
N. Clark & Sons, San Francisco, $978.13.
Gladding Bros. Mfg. Co., San Jose, $978.15. • 32

33— WATER WORKS

BIDS WANTED

LIVERMORE, Alameda Co., Calif.—Until January 28, 2 P. M., bids will be received by E. W. Tallman, Business Manager, Veterans Administration Facility, Livermore, under Bid No. 164, for furnishing:
(1) Lump sum for equipment including 125-hp. diesel motor with V-belt driven pump head at Kaiser Well with necessary pulleys, pump head, V-belt, etc., for complete and efficient connection of diesel

motor with present deep well pump.
(2) Lump sum, for diesel V-belt and pump heat as in Item 1, requiring cylinder liners, maximum B.M.E.P. 65 lbs. while developing 102-hp. and to provide additional clutch mechanism for manually disengaging engine from load while operating.

Delivery f.o.b. Veterans' Administration Pumping Sites near Livermore.

Specifications obtainable from the above office and on file at the office of DAILY PACIFIC BUILDER. 33

BIDS WANTED

SUISUN, Solano Co., Calif. — Until January 31, 10 A. M., bids will be received by the Suisun City Council, A. N. Trainor, City Clerk, for construction of improvements to the water works system, including laying of new mains and relaying existing mains. Estimated cost $35,000.

The work involves:
(1) 3315 l.f. 12-in. transmission line;
(Alt. a) Cement lined cast iron pipe, wrapped;
(Alt. b) Cement lined cast iron pipe, not wrapped;
(Alt. c) Cement lined steel pipe, wrapped;
(2) 2360 l.f. 8-in. distribution line;
(Alt. a) Cement lined cast iron pipe, wrapped;
(Alt. b) Cement lined steel pipe, wrapped;
(3) 100 l.f. 8-in. pipe installed complete in pipe sheath under railroad tracks;
(Alt. a) Cement lined cast iron pipe, wrapped;
(Alt. b) Cement lined steel pipe, wrapped;
(4) 3315 l.f. 8-in. cast iron pipe, salvaged, cleaned, wrapped, relaid;
(5) 840 l.f. 6-in. distribution line;
(Alt. a) Cement lined cast iron pipe, wrapped;
(Alt. b) Cement lined steel pipe, wrapped;
(6) 900 l.f. 6-in. cast iron pipe, salvaged, cleaned, wrapped, relaid;
(7) 1300 l.f. 4-in. distribution line;
(Alt. a) Cement lined cast iron pipe, wrapped;
(Alt. b) Cement lined steel pipe, wrapped;
(8) 900 l.f. 4-in. cast iron pipe installed bet. spring box and collecting reservoir outlet and existing end of transmission line;
(Alt. a) Cement lined cast iron pipe, wrapped;
(Alt. b) Cast iron pipe, salvaged, cleaned and dipped;
(9) 9300 l.f. imported borrow where required for bedding pipe, per l.f. of trench, in place;
(10) 11,600 lbs. cast iron fittings, installed;
(11) One only, 12-in. valve;
(12) 13 8-in. valves;
(13) 23 6-in. valves;
(14) 13 4-in. valves;
(15) 16 hydrants;
(16) 4 hydrants, removed and relocated;
(17) 80 service connections;
(18) 400 l.f. ¾-in. lead service pipe, extra;
(19) 500 l.f. 1¼-in. cement lined steel pipe;
(20) 3300 l.f. repaving trench with asphaltic concrete;
(21) 2400 l.f. repaving trench with asphaltic macadam;
(22) Cleaning inside of existing mains and removal from trench, per l.f.
(a) 3315 l.f. 8-inch;
(b) 3000 l.f. 6-inch;
(c) 1300 l.f. 4-inch;
(23) Lump sum, one gravel envelope well drilled and cased;
(24) Lump sum, transfer of existing pump and pump house from Well A to new well;
(25) Lump sum, reconstruction of Well B;
(26) Lump sum, furnish and install automatic control switch at pump with actuating float at reservoir and connecting electric circuit between;
(27) 20 c.y. excavation for aerator and spring development;
(28) 5 c.y. concrete aerator basin and walls and box at spring;
(29) 50 l.f. drain tile laid;
(30) 15 c.y. gravel backfill in spring collecting channels;
(31) 2 c.y. concrete blanket over gravel backfill;
(32) Aerator superstructure complete (except concrete).

Plans and specifications obtainable at the office of Consulting Engineer Clyde C. Kennedy, Room 548, Call Bldg., 74 New Montgomery St., San Francisco, upon deposit of $5.00.

CONTRACT AWARDED

SAN FRANCISCO—Lowrie Paving Co., Inc., 1540 16th St., at $58,375.30 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W.D. 58, for laying 12-inch and 16-inch feeder mains in the Central part of San Francisco.

CONTRACTS AWARDED

FULLERTON, Orange Co., Cal.—Contracts for furnishing cast iron pipe and fittings were awarded by the Fullerton City Council January 7 as follows:

American Cast Iron Pipe Co.—Items 1, 2, 3 4 and 8.

Smith Booth Usher—Items 5 and 6.

Rensselaer Valve Co.—Item 7.

The items are:
(1) 5194 ft. 6-in. pipe;
(2) 1000 ft. 8-in. pipe;
(3) 300 ft. 10-in. pipe;
(4) 300 ft. 12-in. pipe;
(5) 17 6-in. valves;
(6) 5 4-in. valves;
(7) 4 6-in. fire hydrants;
(8) 5054 lbs. standard fittings.

Delivery to be made on streets in Fullerton as shown on the specifications.

The bids were:

Warren & Bailey—(5) $25.30; (6) $15.18.

Mission Pipe & Supply Co.—(5) $25.30; (6) $15.18; (7) $53.76; (8) 5c. Alternate bid , (8) $314.78.

Plant Rose Co.—(5) $25.30; (6) $15.18 (7) $53.76.

American Cast Iron Pipe Co.—(1) 69c; (2) $1.03; (3) $1.39; (4) $1.75; (8) 5c.

Kennedy Valve Mfg. Co.—(5) $25.30; (6) $15.18; (7) $53.76. Alternate bid: (5) $21.45; (6) $12.87.

Ducommun Metal & Supply—(5) $25.30; (6) $15.18.

U. S. Pipe & Foundry—(1) 71c; (2) $1.05; (3) $1.42; (4) $1.78; (8) 5½c.

Waterworks Supply Co.—(5) $25.30; (6) $15.18; (7) $53.76.

Rensselaer Valve Co.—(5) $25.30; (6) $15.18; (7) $53.76.

Grinnell Co.—(1) 70c; (2) $1.05; (3) $1.40; (4) $1.76; (5) $25.30; (6) $15.18; (7) $53.75; (8) 5c.

Rich Mfg. Co.—(5) $25.30; (6) $15.18; (7) $53.76.

Smith Booth Usher—(5) $18.00; (6) $12.87.

Mueller Co.—(5) $21.45; (6) $12.87; (7) $53.76.

Thomas Machinery Co.—(5) $25.30; (6) $15.18; (7) $82.88.

Florence Pipe & Foundry & Machine Co.—(1) 77½c; (2) $1.105; (3) $1.485; (4) $1.91; (5) $25.30; (6) $15.18 (8) 5c.

Crane Co.—(5) $25.30; (6) $15.18; (7) $53.76.

LOW BIDDERS

PEARL HARBOR, T. H. — John Hansen, Honolulu, at $50,000 on Item (1) and at $40,000 on Item (2) submitted low bids to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 7447, for alterations to pump and fuel oil piping system and new motor-driven fuel oil pump and piping at the Naval Fuel Depot, Pearl Harbor, T. H.

Three low bids follow:
John Hansen, Honolulu, (1) $50,000; (2) $40,000.
Hawaiian Contracting Co., (1) $82,360; (2) $71,600.
Young Engineering Co., (1) $86,000; (2) $72,000.

Complete bids will be published shortly. *

AWARD APPROVED

DOS PALOS, Merced Co., Cal. — Award of a contract to P. L. Burr, 320 Market St., San Francisco, at $58,620 for constructing a municipal waterworks in Dos Palos has been approved by PWA. A protest filed by Oakland Sewer Constr. Co., second low bidder, and the Associated General Contractors, Northern California Chapter was dismissed.

Protest was based on a waiver by the city council of Burr's failure to file a certified check with his bid. The council held this omission was not sufficient to disqualify the proposal.

A temporary restraining order against the award granted by the San Francisco Superior Court was dissolved after a hearing January 7.

Work will provide for a supply from the San Joaquin and Kings River Canal Co., and construction of a filter and purification system with necessary distribution system.

Complete bids published Nov. 26.

John S. Bates, 3134 Eton Ave., Berkeley, engineer. *

CONTEMPLATED

BEAUMONT, Riverside Co., Calif.—The Beaumont Irrigation District is considering various makes of pumping equipment to be installed in the well now being drilled. The directors of the district have been discussing a diesel engine plant. Estimated flow of the new well is 100 inches. U. S. Murphy is superintendent, and Guy Bogart, acting secretary. *

PLANS AND SPECIFICATIONS COMPLETED

SUISUN, Solano Co., Calif.—Plans and specifications for construction of improvements to the Suisun water works system, including laying of new mains and relaying existing mains, have been completed by Engineer C. C. Kennedy, 548 Call Bldg., 74 New Montgomery St., San Francisco. Estimated cost, $35,000.

Bids will be asked shortly by the city council. * 3

34— PARKS & PLAYGROUNDS

LOW BIDDER

SANTA CLARA, Santa Clara Co., Cal.—Wm. C. Malone, San Jose, at $450 submitted low bid to the Postmaster, Santa Clara Post Office for seeding and planting the grounds at the Santa Clara post office.

Bids referred to Washington.

35— TUNNELS

CONTRACT AWARDED

BOISE PROJECT, Ida.—J. A. Terteling & Sons, 2232 Fairview Avenue, Boise, at $292,415 awarded contract by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 654, for the construction of Tunnels Nos. 1, 2, 3 and 4, Black Canyon Canal, Payette Division, Boise Project, located near Emmett, Idaho.

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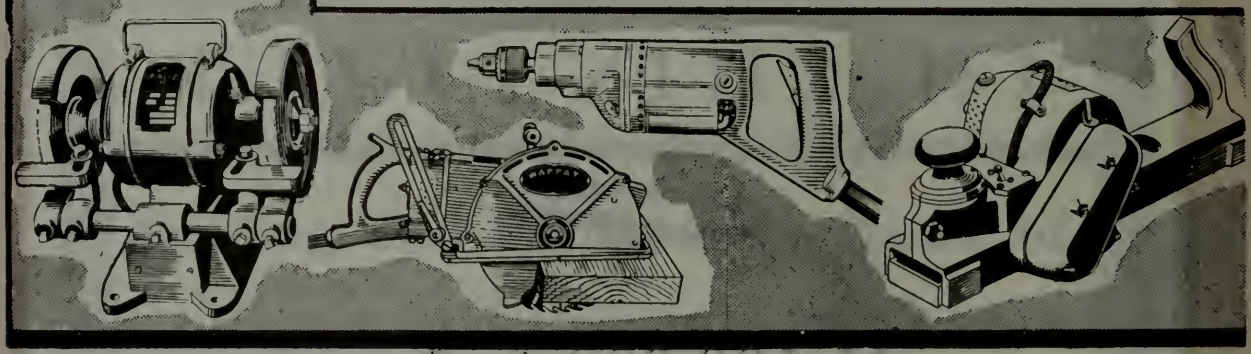

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TREASURY PLANS $11,000,000 WORK IN TWO STATES

Two Big Los Angeles Projects Head U. S. Building Program

Sites have been selected, plans paritally completed or bids asked for sixteen California and Nevada projects to cost about $11,024,000 included in the current building program of the U. S. Treasury Department latest reports reveal.

One project, the $445,000 Santa Barbara Federal building, is out for bids. Plans are at least partially completed for eleven buildings for which allotments aggregating $10,286,000 have been made, and sites have been selected for four others to cost an estimated $293,000.

Allotments totaling $220,900 to two post offices are being held for probable cancellation, according to the Treasury Department report.

Following is a summary of the present status of the program in California and Nevada:

Out for Bids	
Santa Barbara	$ 445,000
Plans Partially Completed	
Los Angeles, P.O., Ct.H., etc.	$6,250,000
Los Angeles, P.O., etc.	2,600,000
San Diego (1934 allotm't)	410,000
(1935 allotm't)	255,000
Pasadena	215,000
Watsonville	135,000
Martinez	94,000
Santa Maria	84,000
Auburn	75,000
Lovelock, Nev.	75,000
Tracy	67,000
Carson City, Nev.	25,000
Total	$10,286,000
Sites Selected	
Ukiah	$ 83,000
South Gate	80,000
Selma	65,000
Vacaville	65,000
Total	$ 293,000
Held for Probable Cancellation	
Santa Monica	$ 130,900
Ely, Nevada	90,000
Total	220,900

ALAMEDA PROJECT GETS PWA FUNDS

Bids for reconstruction and removal of earthquake hazards at Alameda high school to cost an estimated $89,000 are expected to be asked shortly, following approval this week by PWA of the district's application for a $40,063 grant to aid in financing the work. Rehabilitation of the high school auditorium and gymnasium, both of which have been closed for nearly a year for failure to conform with provisions of the state earthquake safety act, will be carried out with the funds now available.

Plans were prepared by L. H. Nishkian, Harold Hammin and the late Earle Russell, structural engineers, and Architect Carl Werner.

Alameda Council Loses In Fight On City Substation

Alameda county superior court yesterday affirmed the right of the Alameda Municipal Board of Public Utilities to proceed with construction of a new substation building at Grand street and Eagle avenue over the objections of the city council. W. E. Lyons Construction Company, contractor for the building, was denied a permit by the city building inspection department when the firm sought to proceed with the work.

Superior Judge Peter J. Crosby in ruling on a petition of the utilities board for permission to erect the building declared that a building permit was not required since the work was for a branch of the municipal government.

Work on the new substation, which with equipment will cost about $200,000, has been opposed by the city council.

New orders for oil burners during the first eleven months last year numbered 154,516, the Bureau of the Census reports, as compared with 101,544 during the corresponding period in 1934.

BAY PROJECTS GIVEN $1,800,000 HIGHWAY FUNDS

Commission Allocates Additional Money For Three Routes

Funds for additional highway construction in the San Francisco Bay district amounting to $1,880,000 over the original budget program have been allocated by the State Highway Commission since it became apparent that increase gasoline tax revenues would permit more work than had been planned.

The new money will go to three projects. Largest of them is the Waldo approach to the Golden Gate Bridge, for which $500,000 was placed in the original budget. This sum has been increased to $1,750,000, all of it coming from state funds since no agreement could be made with the Federal government for use of emergency work-relief money. An additional section of the Coast Shore highway between Farallon City and Rockaway Beach is to be graded with $330,000 of state and county money appropriated to Joint Highway District No. 9. The state is contributing $205,000 for construction and $50,000 for right of way purchase. The balance is to be contributed by San Francisco, San Mateo and Santa Cruz counties.

The third additional allotment is $300,000 for work on the realignment and reconstruction of the Oakland-Walnut Creek route, between the east portal of the Broadway low-level tunnel and Walnut Creek. The original budget provided $325,000 for this work and the sum has been increased to $625,000.

BITUMINOUS HEATER BUILT ON TRUCK

An improved Croslin bituminous heater, built directly on a Ford V-8 one and one-half ton truck to make a complete self-propelling unit, is announced by The Darby Corp., Kansas City, Kansas. The Croslin will raise oil 100 to 120 degrees on one pass through the heater, furnishing hot oil at the rate of 100 to 125 gallons per minute, according to the manufacturer, who will send further details upon request.

BUREAU EXPANDS ENGINEER STAFF ON C. V. PROJ.

Three Division Offices Opened; Prepare To Let Contract

The staff of the U. S. Reclamation Service under Walker Young, construction engineer for the Central Valley Water Project, is being enlarged rapidly as plans proceed for expenditure of the initial $15,000,000 appropriation now available.

Headquarters of the project in Sacramento have been moved from the new Federal building to the Old Postoffice building where more space is available. Offices have been opened in Redding, Antioch and Friant.

R. B. Snell, resident engineer at Redding for the Kennett division, has recently added to his staff O. B. Misz as location engineer for the railroad work and Paul Guyer, office engineer. Russell Chase of Portland has been engaged as consulting engineer for the railroad relocation. A crew of about forty men is engaged in preliminary work at the dam site.

Relocation of a section of the Southern Pacific tracks near Redding probably will be the first construction contract advertised in the Central Valley Project. Plans have been completed and a call for bids is expected from the Denver office within a few days.

Oscar G. Boden, former engineer on the Owyhee Project, is in charge of the Contra Costa division with offices in Antioch. At present Mr. Boden is supervising work on all canal sections of the project.

Harry S. Williams, asseciate engineer in the bureau, has established headquarters near Friant dam site, where the second construction contract is scheduled to start. The bureau has allocated $3,500,000 to the Friant division for initial construction.

New members of the Sacramento headquarters staff include Courtlandt Eaton, former Los Angeles county flood control engineer, and Earle R. Mills, chief clerk.

MERCURY TUBES IN NEW PRINTER

The Pease Model "7" continuous blue-printing machine, designed to meet the growing demand for continuous printing of moderate requirements, is announced by the C. F. Pease Co., 813 North Franklin Street, Chicago, Illinoiis. The machine will reproduce material as blue-prints, brown-prints or direct process prints in any dimensions up to 42 inches in width. Uniform illumination, provided by mercury vapor tubes, and simplicity of operation are among features listed by the manufacturer, who will send full information upon request.

Contracts On First Units Authorized $5,500,000 In State Building Fund;

With the largest state building program to be undertaken in recent years, the State Division of Architecture will contract approximately $5,500,000 within the eighteen-month period ending June 30, 1937. Since the first of the year State Architect George B. McDougall has placed on the market approximately $800,000 in contracts. Other projects will be released as rapidly as they are approved by the various state agencies for which the work is being done.

Funds at the disposal of the Division of Architecture include $3,750,000 appropriated by the last legislature for additions at state institutions; $1,200,000 for erecting two office buildings at Sacramento; $700,000 for the San Mateo Livestock Pavilion.

The pavilion contract was advertised several weeks ago, but bids were rejected when they exceeded the appropriation. Since that date a WPA project has been approved for excavating and constructing the foundations up to the first floor line. WPA promises to complete this work by March 15. Meanwhile approval is being sought in Washington for use of the authorized $200,000 PWA grant to construct the balance of the structure. When it is received the state is ready to take new bids.

A contract has been let for excavating the site of the two new office buildings in Sacramento and for driving pile foundations. Bids have been invited on the general contract for the Motor Vehicle building and the division is ready to advertise the Public Works building within the next month. Each structure will cost $600,000, it is estimated.

Two contracts are being advertised in the $3,750,000 institutional building program. One is for the laundry building at Camarillo Hospital to cost about $75,000; the other for a ward at Norwalk Hospital to cost about $120,000.

State Director of Institutions Harry Lutgens has approved calling for bids on a custodial unit at Mendocino Hospital to cost $200,000; a dairy building at Camarillo which with equipment will cost $100,000; a ward building at Stockton, $90,000; cold storage and ice plant, ward building and industrial units at Camarillo and additions at Patton Hospital. Contracts will be let on these jobs at an early date.

Other portions of the hospital program are being withheld temporarily pending further negotiation with the Federal government for grants to supplement the state's fund.

TURLOCK DISTRICT NAMES SUPERINTENDENT

Directors of Turlock Irrigation District have promoted Oscar Rostad from the position of electrical foreman to superintendent of electrical distribution. He succeeds Clifford E. Plummer, resigned to become electrical engineer for the Modesto Irrigation District.

VOTERS APPROVE $200,000 BONDS FOR KERN HIGH

Architect Promises Early Start On Construction Of School Units

A bond issue of $200,000 for new building at Kern County Union High School in Bakersfield was approved by voters at a special election Friday. The bond issue will provide funds for a new classroom and study hall building and for alteration and repair of the girls' gymnasium.

Architect Chas. H. Biggar announced that the architectural plans for the new classroom and study hall building already are complete and that the board probably will be able to call for bids the latter part of February.

It is planned to begin construction of the new building by the middle of March, he said, so that it may be completed for the beginning of the fall semester in September. The building will house four classrooms on the lower floor, a study hall on the second floor and heating and ventilating units and storerooms on the ground floor.

The building will be erected just south of the high school library building, which it will match architecturally, according to Mr. Biggar. It will be of reinforced concrete construction, fireproof and earthquake resistant.

BOOKLET ON ANALYSIS OF CONCRETE FRAMES

To aid in analysis of concrete builidng frames subject to vertical load, wind pressure and earthquake forces, Portland Cement Association has published a booklet, "Continuity in Concrete Building Frames." Subjects treated in the booklet include underlying assumptions, derivations, discussions and special studies, much of which are given in the form of numerical problems.

Copies may be obtained without charge by writing the Portland Cement Association, 33 West Grand Ave., Chicago, Ill.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
71	Sherwood	Grant	1090
72	Doelger	Owner	3500
73	Land	Owner	3000
74	Land	Owner	3000
75	Land	Owner	3000
76	Land	Owner	3000
77	Land	Owner	3000
78	Heyman	Meinberger	6000
79	Armour	Owner	10000
80	First	Owner	10135
80	Owens	Papenhausen	2000
81	Mangan	Ruegg	4000
82	Graham	Owner	3850
83	Stefanopolous	J-G Const.	4500
84	Hirshberg	Early	2000
85	Maison	Mullen	5000
86	Stoneson	Owner	3500
87	Stoneson	Owner	4000
88	Lynn	DeLucchi	2500
89	Hinckman	Harder	1375
90	West	Owner	1000
91	Mittelstaedt	Owner	4000
92	O'Rourke	Owner	1800
93	Anza	Rousseau	5000
94	Verill	Owner	1000
95	Halsen	Owner	4000
96	Johnson	Owner	10000
97	Schwartz	Delucchi	4000
98	Coughlin	Barrett	10000
99	Starlight	Owner	4000
100	Malloch	Malloch	14000
101	Heyman	Owner	4500
102	Gallagher	Ratto	2000

ALTERATIONS
(71) 6327 CALIFORNIA ST. Alterations to apartments.
Owner—Mrs. Sherwood & Mrs. Janke, 1 Garcia.
Architect—Not Given.
Contractor—Lincoln U. Grant, 658 3rd Avenue. $1,000

DWELLING
(72) E 17th AVE. 25 S Lawton. One-story and basement frame dwelling.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
Architect—Not Given. $3,500

DWELLING
(73) E 24th AVE. 172 N Wawona St. One - story and basement frame dwelling.
Owner and Builder — Land Development Co., 364 Bush Street.
Architect—Not Given. $3,000

DWELLING
(74) E 24th Ave. 97 N Wawona St. One - story and basement frame dwelling.
Owner and Builder — Land Development Co., 364 Bush Street.
Architect—Not Given. $3,000

DWELLING
(75) E 24th AVE. 197 N Wawona St. One - story and basement frame dwelling.
Owner and Builder — Land Development Co., 364 Bush Street.
Architect—Not Given. $3,000

DWELLING
(76) E 24th AVE. 122 N Wawona St. One - story and basement frame dwelling.
Owner and Builder — Land Development Co., 364 Bush Street.
Architect—Not Given. $3,000

DWELLING
(77) E 24th AVE. 147 N Wawona St. One - story and basement frame dwelling.
Owner and Builder — Land Development Ct., 364 Bush Street.
Architect—Not Given. $3,000

DWELLING
(78) E RUSSIAN HILL PLACE 82 N Vallejo St. Two-story and basement frame dwelling.
Owner—Stanley Hyman, % architect.
Architect—Farr & Ward, 68 Post St.
Contractor—H. S. Meinberger, 956 Folsom Street. $6,000

ALTERATIONS
(79) 374 TOWNSEND ST. Alter storage building and cooler.
Owner—Armour and Company, South San Francisco.
Plans by F. A. Lindberg, General Engineer, Armour & Co., Chicago. $10,000

CHURCH & PARSONAGE
(80) W BELCHER 235 S Duboce Ave. Two-story frame church and parsonage.
Owner—First Finnish Evangelican-Luthern Church of San Francisco, 2267 Market Street.
Architect—Not Given. $10,135

ALTERATIONS
(80) 3151 SACRAMENTO ST. Alter public garage.
Owner—Thos. Owens, 3893 Sacramento Street.
Architect—Not Given.
Contractor—H. Papenhausen, 595 Victoria Street. $2,000

DWELLING
(81) W DESMOND 196 S Visitacion. One - story and basement frame dwelling.
Owner—Arthur J. Mangan, 186 Arleta.
Architect—Not Given.
Contractor—The Ruegg Co., 369 Pine Street. $4,000

DWELLING
(82) W TOCOLOMA 372 N Blanken. One - story and basement frame dwelling.
Owner and Builder — Wm. H. Grahn, 2956 Mission St.
Architect—Not Given. $3850

DWELLING
(83) SW THOMAS 325 SE Lane. One-story and basement frame dwelling.
Owner—D. Stefanopoulos, 1547 Thomas Street.
Architect—Not Given.
Contractor—J-G Const. & Finance Co. 1182 Market Street. $4,500

SERVICE STATION
(84) SE 38th AVE. and Geary Street. Class C service station.
Owner—A. Hirshberg, % contractor.
Plans by Richfield Oil Co., 248 Battery Street.
Contractor — Fred J. Early, Jr., 369 Pine Street. $2,000

ALTERATIONS
(85) 1214 MARKET ST. Alter restaurant.
Owner—Maison Paul Grill, premises.
Architect—Lodge A. Riedy, 821 Market Street.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $5,000

DWELLING
(86) S CAYUGA ST. 41 E Seneca Ave. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(87) SE SENECA AVE & CAYUGA frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
St. One-story and basement
Architect—Not Given. $4000

DWELLING
(88) N HUDSON ST. 150 E Mendell. One-story and basement frame dwelling.
Owner—Frances Lynn, % Contractor.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor — Richard DeLucchi, 3275 San Bruno Ave. $2500

ALTERATIONS
(89) NO. 1226 VALENCIA STREET. Alter store.
Owner—Chas. M. Hinckman, 565 So. 14th St., San Jose.
Architect—Not Given.
Contractor—John Harder, 870 39th Ave., San Francisco. $1375

ALTERATIONS
(90) NO. 319-29 FRONT ST. Alter stores.
Owner—Mrs. Aphra West, 137 9th Ave. San Francisco.
Architect—Not Given. $1000

DWELLING
(91) E SIXTEENTH AVE. 225 S Vicente St. One-story and basement frame dwelling.
Owner — Oscar E. Mittelstaedt, 808 Rivera St., San Francisco.
Architect — C. O. Clausen, 745 46th Ave., San Francisco. $4000

DWELLING
(92) W GILMAN ST. 183 W Griffith St. One-story frame dwelling.
Owner—Frank and Mary O'Rourke 1032 Gilman St., San Francisco.
Architect—Not Given. $1800

DWELLING
(93) W RETIRO WAY 100 N Beach St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau Inc., 321 Kearny St. $5000

ALTERATIONS
(94) NO. 1503 TWENTIETH ST. Alter dwelling.
Owner—G. Verili, Premises.
Architect—Not Given $1000

DWELLING
(95) N ULLOA ST. 93 W 14th Ave One-story and basement frame dwelling.
Owner—A. Halsen, 2427 25th Avenue, San Francisco.
Architect—D. Jaekle, % Owner $4000

OFFICE, ETC.
(96) W SIXTH ST. 226 N Brannan St. Class C concrete office and shop.
Owner — Louis Johnson, 666 Mission St., San Francisco.
Engineer—H. A. Emmvica, 1280 Indiana St., San Francisco. $10,000

DWELLING
(97) NE SILVER AVE. AND Elmira St. One-story and basement frame dwelling.
Owner — Walter Schwartz, % Contractor.

Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor — Richard Delucchi, 3275 San Bruno Ave. $4000

TERMINAL
(98) S BRANNAN ST. 200 W Fifth St. One-story frame truck terminal.
Owner — J. C. Coughlin, 1465 Folsom St., San Francisco.
Engineers—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $10,000

ALTERATIONS
(99) NO. 2221 MISSION ST. Alter store and apartments.
Owner—Starlight Furniture Co., 2221 Mission St., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco. $4000

APARTMENTS
(100) SE MONTGOMERY AND FILBERT Sts. Three-story and basement frame apartments.
Owner — J. S. Malloch, 1235 Montgomery St., San Francisco.
Engineers—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. $14,000

DWELLING
(101) E MALLORCA ROAD 175 N Alhambra St. Two-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $4500

ALTERATIONS
(102) NO. 756 BAY ST. Alter apartments.
Owner—Mrs. E. M. Gallagher, Prem.
Architect—Not Given.
Contractor—Victor E. Ratto, 4594 19th St., San Francisco. $2000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
34	Boysen	McDonald	3000
35	Shemanski	Miller	1800
36	Haller	Owner	5250
(37)	Lyon	Owner	4500
38	Steffenson	Steffenson	3750
39	Bowman	Farringer	4000
40	Jacobsen	Pressler	3500
41	Silva	Owner	2900
42	City	Kelly	42368
43	Baker	Owner	1950
44	Bellocq	Gaubert	7000
45	Bellocq	Gaubert	5000
46	Collins	Courtright	4950
47	Guaranty	Owner	1000
48	Scammell	Owner	5000
49	Owen	Van Ness	4250
50	Winkelman	Owner	2000
51	Tate	Owner	5500
52	Christensen	Anderson	4500
53	Roy	Walker	4000
54	Mullen	Loesckke	1080
55	Lurie	Daley	16400
56	Gerry	Dawe	4750
57	Bardwell	Owner	6650
58	Rose	Owner	6000
59	Jacobs	Short	4000
60	Berkeley	Parker	113725

ADDITION
(34) 1001 42nd ST., **OAKLAND.** One-story brick and steel addition.
Owner—Walter N. Boysen, 324 Linden St., Oakland.
Architect—Ray Keefer, 770 Wesley Ave., Oakland.
Contractor — A. A. McDonald, 3136 Rawson St., Oakland.

SERVICE STATION
(35) 2918 SAN PABLO AVE., **BERKELEY.** One-story 2-room steel gas station.
Owner—I. Shemanski, 1017 Market St., Berkeley.
Architect—Not Given.
Contractor—B. Miller, 589 Haddon Rd., Berkeley. $1800

DWELLING
(36) 135 ALTA ROAD, **OAKLAND.** Two-story 6-room dwelling.
Owner and Builder—Paul H. Haller, 6221 Buena Vista Ave., Oakland.
Architect—Not Given. $5250

DWELLING
(37) 3008 PARTRIDGE AVE., **OAKLAND.** One-story 5-room dwelling.
Owner and Builder—C. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given. $4500

DWELLING
(38) NO. 1418 UNION STREET, **ALAMEDA.** One-story five-room stucco dwelling.
Owner—Frank Steffenson, 1300 Webster St., Alameda.
Architect—Not Given.
Contractor—A. Steffenson, 1300 Webster St., Oakland. $3750

DWELLING
(39) NO. 2014 CENTRAL AVE, **ALAMEDA.** two-story 6-room frame and stucco dwelling.
Owner—E. L. Bowman, Premises.
Architect—Not Given.
Contractor — Farringer & Spaulding, 1511 Union St., Alameda. $4000

DWELLING
(40) NO. 1938 CLEMENS ROAD, **OAKLAND.** One-story five-room dwelling.
Owner — K. G. and E Jacobsen, 881 York St., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland. $3500

STORE
(41) NO. 1925 SEVENTY-THIRD Ave., **OAKLAND.** One-story store
Owner—M. Silva, 1927 73rd Ave., Oakland.
Architect—Not Given. $2900

LIBRARY
(42) NO. 1170 THE ALAMEDA, **BERKELEY.** One-story library.
Owner—City of Berkeley.
Architect—Jas. Plachek.
Contractor—Kelly & Tulloch, 335 8th St., Berkeley. $42,368

GARAGE, ETC.
(43) NO. 210 CROCKER AVENUE, **PIEDMONT.** Garage and servants' quarters.
Owner—Geo. W. Baker, Premises.
Architect—Noble and Archie Newsom, Russ Bldg., S. F. $1950

LAUNDRY
(44) NO. 6046 CLAREMONT AVE., **OAKLAND.** Two-story 4-room brick laundry.
Owner — F. Bellocq, 6028 Claremant Ave., Oakland.
Architect—Not Given.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland. $8000

DWELLING
(45) NO. 6044 CLAREMONT AVE., **OAKLAND.** One-story five-room brick dwelling.
Owner — F. Bellocq, 6028 Claremant Ave., Oakland.
Architect—Not Given.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland. $5000

DWELLING
(46) NO. 5932 MONZAL AVENUE, **OAKLAND.** One-story five-room dwelling and one-story garage.
Owner—E. L. Collins.
Architect—W. H. Hyde, 1801 Bank of America Bldg., Oakland.
Contractor—T. D. Courtright, 349 51st St., Oakland. $1950

ALTERATIONS
(47) NO. 3864 THIRTY-FIFTH AVE., **OAKLAND.** Alterations and addition.
Owner—Guaranty Bldg. & Loan Assn., 1804 Telegraph Ave., Oakland.
Architect—Not Given. $1000

DWELLING
(48) S CORDOVA ST. 300 W Fruitvale Ave., **OAKLAND.** One-story six-room dwelling.
Owner—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5000

DWELLING
(49) NO. 1422 GLENFIELD AVE., **OAKLAND.** On-story five-room dwelling.
Owner — A. W. Owen, 1825 Hopkins St., Oakland.
Architect—T. H. Slocombe, 2362 Ashby Ave., Berkeley.
Contractor — L. E. Van Ness, 4920 Park Blvd., Oakland. $4250

ALTERATIONS
(50) NO. 2261 HOPKINS STREET, **OAKLAND.** Alterations and addition.
Owner—H. B. Winkleman, 805 Calmar Ave., Oakland.
Architect—Not Given. $2000

DWELLING
(51) NO. 5133 PROCTOR AVENUE, **OAKLAND.** Two-story six-room dwelling.
Owner—S. P. Tate, 5317 Broadway, Oakland.
Architect—Not Given. $5500

(52) NO. 1050 WARFIELD AVENUE, **OAKLAND.** One-story six-room dwelling.
Owner—A. C. Christensen.
Architect—Not Given.
Contractor—C. Anderson, 3917 Park Blvd., Oakland. $4500

DWELLING
(53) NO. 720 GRIZZLY PEAK BLVD. **BERKELEY.** One-story five-room frame dwelling and garage.
Owner—Geo. E. Roy, 123 Lake St., Oakland.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $4000

ADDITIONS
(54) NO. 2341 SPAULDING STREET **BERKELEY.** Additions.
Owner—L. J. Mullen, Premises.
Architect—Not Given.
Contractor—H. Loesckke, 2533 California St., Berkeley. $1080

STORE
(55) NO. 4186 PIEDMONT AVENUE, **OAKLAND.** One-story store.
Owner—The Lurie Co., San Francisco
Architect—G. W. Catterill, 4221 Harton St., Emeryville.
Contractor—Daley Bros., 4221 Harton St., Emeryville. $16,400

DWELLING
(56) NO. 5839 MENDOCINO AVE., **OAKLAND.** Two-story six-room dwelling.
Owner—E. L. Gerry, 5759 Shafter Ave. Oakland
Architect—Not Given.
Contractor—Leslie C. Dawe, 449 Coventry Road, Oakland. $4750

DWELLING
(57) NO. 1231 TRESTLE GLEN RD. **OAKLAND.** Two-story 7-room dwelling and one-story frame garage.

Owner—Chas. E. Bardwell, 794 Calmar Ave., Oakland.
Architect—Not Given. $6650

DWELLING
(58) NO. 961 PARK LANE., OAKLAND. Two-story 7-room dwlg.
Owner—Mrs. Emily Rose, 2448 Sacramento St., Berkeley.
Architect—F. H. Slocombe. $6000

DWELLING
(59) NO. 50 ALAMO ST., BERKELEY. One-story five-room frame dwelling and garage.
Owner—Mabel H. Jacobs, 815 Coventry Road, Berkeley.
Architect—E. H. Hillier, 2687 Shasta Way, Berkeley.
Contractor—J. V. Short, 1386 Euclid Ave., Berkeley. $4000

ALTERATIONS
(60) NO. 1781 ROSE ST., BERKELEY Alterations to Garfield High School
Owner—Berkeley School District.
Architect—Not Given.
Contractor — K. E. Parker, San Francisco. $143,725

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3	Heyman	Meinberger	7599
4	Dinneen	Landry	7745
5	S. P.	Duncanson	11975

DWELLING
(3) E RUSSIAN HILL PLACE 82-6 N Vallejo. Frame dwelling.
Owner — Stanley G. and Carolyn L. Heyman, 944 Lake Street.
Architect—Albert Farr and J. Francis Ward, 68 Post Street.
Contractor—H. S. Meinberger, 343 4th Street.
Filed Jan. 17, '36 .Dated, Jan. 16, '36.
Rough framing completed.....25%
Brown coated 25%
Building completed 25%
Usual 35 days.....25%
TOTAL COST, $7,599.73
Plans and specifications filed.

FLATS
(4) W PRIEST 117-6 S Washington. Two - story and basement frame flats.
Owner—P. U. & T. Dinneen, 45 Priest.
Architect—F. W. Dakin, 625 Market.
Contractor—L. J. Landry, 636 Garfield Street.
Filed. Jan. 18, '36. Dated Jan. 6, '36.
Roof on $1,936.40
Brown coated 1,936.40
Completed 1,936.40
Usual 35 days..... 1,936.40
TOTAL COST, $7,745.60
Sureties, Mrs. J. P. Fallon and J. Henderson. Limit, 130 working days. Plans and Spec. filed.

REPAIRS
(5) FERRY TERMINAL, foot of Mission St. Repairs to Slip No. 9.
Owner—Southern Pacific Golden Gate Ferries, Ltd., 65 Market Street.
Architect—Not Given.
Contractor—Duncanson-Harrelson Co., deYoung Building.
Filed. Jan. 17, '36. Dated Jan. 9, '36.
Monthly payments of..... 75%
Usual 35 days.....Balance
TOTAL COST, $11,975
Bond, $11,975. Sureties, Pacific Indemnity Co. Limit, 80 days from time work commences. Plans and Specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

Recorded		Amount
6 Collins	Courtright	4983
7 City	Kelly	42368
8 Conlon	Ungaretti	8797

BUILDING
(6) LOCATION NOT GIVEN. All work for building.
Owner—Mr. and Mrs. Edw. L. Collins.
Architect—W. H. Hyde.
Contractor—T. D. Courtright, 319 51st St., Oakland.
Filed Jan. 20, '36. Dated Jan. 17, '35.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4983
Bond, none. Limit, May 22, 1936. Forfeit, plans and specifications, none.

LIBRARY
(7) NW HOPKINS ST. AND THE Alameda, Berkeley. All work for branch library.
Owner—City of Berkely.
Architect—J. W. Plachek, 511 Mercantile Bldg., Berkeley.
Contractor—Kelly & Tulloch, 335 8th St., Berkeley.
Filed Jan. 20, '36. Dated Jan. 14, '36.
On end of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $42,368
Bonds (2) performance, $42,368; labor and materials, $21,184. Surety, Fidelity & Casualty Co. of New York. Limit, forfeit, none. Plans and specifications filed.

RESIDENCE
(8) LOT 1 BLK 17. Tract 505, Oakland. All work for residence.
Owner—M. J. Conlon.
Architect—Chester H. Treichel.
Contractor—Chas. Ungaretti & Son.
Filed Jan. 22, '36. Dated Dec. 23, '35.
Framing completed and roof sheathed 25%
Brown plastered 25%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, $8797
Bond, $4400. Surety, Standard Accident and Insurance Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

SIGN, electric, $100; 559 Haight Street owner, Frank's Lunch, Premises; contractor, A. Laib, 7th and Folson Sts.

ALTER dwelling, $100; 554 Valley St.; owner, Jack Karman, Premises.
ALTER flat, $150; 3825 25th St.; owner, D. Greenblat, Premises.
SIGN, electric, $300; 546 Grant Ave.; owner Sukiyaki House, Premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
FLUE, $17; 238 Louisburg St.; owner, J. J. Irwin, 1010 Oak St.; contractor, Carl Downall, 6084 Mission Street.
ALTER offices, $400; 231 Sansome St.; owner, T. C. Kierulff, 15 Walnut St.; contractor, Chas. Stockholm & Son, Russ Bldg.
SIGN, electric, $165; 111 Front St.; owner, Schroeder's Cafe, Prem.; contractor, Wonderlite Neon Prod. Co. 170 Otis St.
SIGN, electric, $125; 170 Eddy Street; owner, Eddy Wine & Liquor Co., Prem.; contractor, Novelty Elec. Co. 66 Washburn St.
FLUE, 525; 461 Frederick St.; owner, Earl D. Hunter, Prem. contractor, N. Abend, 1482 Ellis St.
SIGN, electric, $120; 2501 Clement St.; owner, Lone Star Tavern; Prem.; contractor, Brumfield, 965 Folsom.
FLUES, $200 SW Kearny and Lombard Sts.; owner, Whitney Warren, Premises; contractor, Lowell Davison, 1250 9th Ave.

ALTER flats, $900; 359-65 30th St.; owner, Mrs. Janet Navaret, 1387 York St.; contractor, J. B. Bourdieu, 2625 20th St.

ALTER dwelling, $185; 1829 Mason St.; owner, J. F. Gone, Premises; contractor, L. Polldoro Co., 780 Vallejo St.
ALTER factory and salesroom, $300; 632 Commercial; owner, A. Lietz & Co., Prem.; contractor, Frank B. Reilly, 6350 Fulton St.
ALTER flats, $200; 2271 Geary Street; owner, E. Person, Prem.; contractor, Calif. Terrazzo Co., 2085 San Bruno Av.
ALTER dwelling, $350; 165 Rousseau St.; owner, Paul Boitano, 2027 42nd Ave., Oakland.
SIGN, electric, $150; Post and Franklin Sts.; owner, Texas Oil Co., Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER flats, $250; 452 Vallejo Street; owner, A. Castellotti, Premises; contractor, Raymond Moresi, 181 Vallejo St.
SHED, one-story frame, $150; SW San Bruno Ave. 75 NW Rickard St.; owner, R. and P. Labrucherier, 101 Merrill St.
ALTER flats, $450; 49-53 Godeus St.; owner, Nels Johnson, Premises; contractor, John Cheso, 1258 Qeusada St.
ALTER dwelling, $25; 1571 10th Ave.; owner, Mrs. J. V. Nardini, Prem.
ALTER automotive electric shop, $475 SW fell and Broderick Sts; owner, G. L. Dandy, 111 Sutter St.; contractor, D. C. McCabe, 430 Call Bldg.
REPAIR fire damage to apartments, $445; 3906 Sacramento St.; owner, R. Turner, % Contractor; contaretor, James B. McSheehy, 137 Clifford Terrace.
ALTER restaurant, $450; 80 Turk St.; owner, Checich, Bradley & Crowe, Ambassared Hotel; contractor, Royal Show Case Co., 770 McAllister St.
SIGN, electric, $500; 2331 Market St.; owner, Brown Distributin Co., 2311 Market St.; contractor, Pacific Neon Mfg Co., 2600 18th St.

ALAMEDA COUNTY UNDER $1000

ALTERATIONS, $250; 356 12th Street, Oakland; owner and contractor, Mayo Estate, San Francisco.
SHED, storage, $350; 5239 Claremont Ave., Oakland; owner and builder, W. J. Traverse, 5241 Telegraph Ave., Oakland.
ALTERATIONS, $1642 Telegraph Ave. Oakland; owner, Klaas & Mehrkins, 1642 Telegraph Ave., Oakland contractor, Jas. L. Rich, 556 37th Street.
ALTERATIONS, $75; 10317 Royal Ann St., Oakland; owner and contractor, P. M. Farmer, premises.
RE-ROOFING, $225; 401 to 407 12th St., Oakland; owner, J. J. Moore Co., 354 Hobart St., Oakland; contractor, N. V. Heathhorne Roofing Co., 354 Hobart St., Oakland.
ALTERATIONS, $300; 3768 Angelo Ave., Oakland; owner and contractor, W. H. Donahue, Bank of America Bldg., Oakland.
REPAIRS, $150; 3521 E 14th Street, Oakland; owner and contractor, W. H. Donahue, Bank of America Bldg., Oakland.
RE-ROOF, $50; 8721 E 14th Street, Oakland; owner, M. Terrlatl; contractor, M & L Roof Co., 9214 Foothill Blvd., Oakland.
COMFORT Station, 1-story concrete, $150; 1229 Grove St., Oakland; owner and contractor, E. E. Nye, premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
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4.—Factories and Warehouses
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6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
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11.—Ice and Cold Storage Plants
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13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 6327 California Street.
Alterations to apartments.
Owner — Mrs. Sherwood and Mrs. Janke, 1 Garcia St., San Francisco
Architect—Not Given.
Contractor — Lincoln U. Grant, 658 Third Ave., San Francisco.

Structural Steel Contract Awarded.
APARTMENTS Cost, $350,000
SAN FRANCISCO. NE Broadway and Buchanan Street.
Ten-story Class A steel frame apartment building (50 3- 4- and 5-rm. apts.) flat roof, steam heating system, wood sash, two elevators, tile baths, hardwood floors, garage, etc.
Owner—Lucille A. Meyer.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor — Meyer Constr. Co., 735 Portola Drive, San Francisco.
Structural Steel — McClintic Marshall So., 20th and Illinois Sts.
As previously reported, grading awarded to Hyman Rosenberg, 307 Girard Street; wrecking to Symon Bros. Wrecking Co., 1435 Market St.; concrete to Golden Gate Atlas Materials Co., 2625 16th St.
Sub-bids are wanted on all other portions of the work.

Contract Awarded
APARTMENTS Cost, $15,000
SAN FRANCISCO. SE Montgomery and Filbert Streets.
Three-story and basement frame and stucco apartments.
Owner—J. R. Malloch, 1235 Montgomery Street.
Engineer—Ellison and Russell, Pacific Building.
Contractor—J. S. Malloch, 666 Mission Street.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 756 Bay Street.
Alterations to apartments.
Owner—Mrs. E. M. Gallagher, 756 Bay Street.
Architect—Not Given.
Contractor—Victor E. Ratto, 4594 19th

Construction Postponed
APARTMENTS Cost, $12,000
STOCKTON, San Joaquin Co., Calif.
Two - story frame and stucco apartment bldg. (four 4 - room apartments) shingle roof, gas furnaces, wood sash, hardwood floors, tile baths, etc.
Owner—Harold Markham.
Architect—J. U. Clowdsley, Exchange Building, Stockton.
On bid opening lowest bid was submitted by T. E. Williamson, Stockton, at $12,320.

3— CHURCHES

To Be Done By Day's Work
CHURCH Cost, $10,000
SAN FRANCISCO. W Belcher, 235 S Duboce Avenue.
Two-story frame church and parsonage.
Owner—First Finnish Evangelican Lutheran Church of San Francisco, 2267 Market Street.
Architect—Not Given.

Planned
RECREATION UNIT Cost, $21,000
BAKERSFIELD, Kern Co., Cal. Kings and Monterey Streets.
Recreation unit for church (seating capacity of 400; stage, kitchen, rest rooms, etc.)
Owner—Church of the Latter Day Saints.
Architect—J. A. Cannon, Salt Lake City.

4— FACTORIES & WAREHOUSES

Contract Awardd.
ALTERATIONS Cost, $3000
STOCKTON, San Joaquin Co., Calif. No. 901 E. Charter Street.
Alterations to factory.
Owner—Jefferson Standard Life Insurance Co., San Francisco.
Architect—Not Given.
Contractor—H. W. Johnson, 1229 W. Magnolia St., Stockton.

Contract Awarded.
TRUCK TERMINAL Cost, $20,000
SAN FRANCISCO. Brannan Street bet. Fifth and Sixth Sts.
Truck terminal (concrete platforrm, steel rolling doors, shed with steel frame, corrugated iron office building, storeroom, repair shop, etc., wood studs).
Owner—Redline Transfer Company.
Engineer—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Preparing Plans.
SHOP Cost, $15,000
OROVILLE, Butte Co., Cal. Oroville High School Campus.
One-story frame shop building (9000 sq. ft. of floor space).
Owner—Oroville High School District.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.
Bids will be asked in about three weeks.

Sub-Bids Being Taken.
TRUCK TERMINAL Cost, $20,000
SAN FRANCISCO. Brannan Street bet. Fifth and Sixth Sts.
Truck terminal (concrete platform) steel rolling doors, shed with steel frame, corrugated iron office bldg. storeroom, repair shop, etc., wood studs).
Owner—Redline Transfer Company.
Engineer—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

FOUNDATION CONTRACT AWARDED
LOS ANGELES Cal.—Merritt-Chapman & Scott Corp., San Pedro, were awarded contract for driving approximately 2200 foundation piles for the new automobile assembly plant to be built at Santa Fe Ave. and Tweedy Blvd. for the General Motors Corp. Creosoted wood piles, each 32 feet in length, will be used.

Preliminary Plans Completed
BUILDING Cost, $——
PORTLAND, Oregon.
One-story reinforced concrete building (100x150 ft.) low pressure steam heating system, automatic sprinkler system, steel sash, steel rolling doors, etc.)
Owner—Sprouse-Reitz Co., 1900 Northwest 22nd St., Portland.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.
Bids will be asked in about 10 days.

CONSTRUCTION TO START SHORTLY
SAN JUAN CAPISTRANO, Orange Co., Cal.—Fred Strochein, San Juan Capistrano, will supervise construction of a new unit to be added to fruit packing house in San Juan Capistrano for American Fruit Growers, 1206 Maple Ave., Los Angeles. Stokes & Britton, Box 174, Los Nietos, have the contract for excavating the site and have started work. A reinforced concrete basement, 100x150 feet will be constructed and the present building will be moved onto the new site. The new unit will be 50x210 feet in area; wood frame construction, galvanized iron sides and roof, wood floors, etc. It will be used for storage purposes. C. N. Noerenberg, 210 L. A. Railway Bldg., Los Angeles, architects.

GENERAL CONTRACT AWARDED
LOS ANGELES, Cal.—J. A. Utley, Detroit; W. R. Walker, local representative, Mayflower Hotel, awarded general contract for erection of an automobile assembly plant on a 43-acre site at Santa Fe Avenue and Tweedy Blvd. for the General Motors Corp. As previously reported, the Consolidated Steel Corp. has the contract for furnishing and erecting 4100 tons of steel for the plant, and Merritt-Chapman & Scott Corp. has the contract for driving approximately 2,200 foundation piles on the site. The mechanical work will be let under separate contracts and plans for this part of the work will probably be ready for bids next week. The plant will consist of a steel frame assembly building, 1-story and part two stories in height and covering an area of 800x565 feet; a two-story, reinforced concrete office building, 45x144 feet; a concrete loading dock, 50x390 feet; a pump house and storage tanks. Plans were prepared by Albert Kahn, Inc., architects and engineers, New Center Bldg., Detroit. Mr. Preuthen, % Jonothan Club, is representing the architects in Los Angeles.

Steel Contract Awarded.
MILL Cost, $40,000
OAKLAND, Alameda Co., Calif. Inner Harbor Waterfront.
One-story steel cocoanut and copra oil mill building (100x300 feet).
Owner—Eldorado Oil Co., 230 California St., San Francisco.
Plans by Engineering Dept. of Owner.
Mgr. of Const.—L. M. King, % Owner.
Steel Framing—Independent Iron Wks 821 Pine St., Oakland.

5— FLATS

To Be Done By Day's Work
ALTERATIONS Cost, $1,500
STOCKTON, San Joaquin Co., Cal. 18 North Pilgrim Street.
Owner and Builder—Frank P. Guyon, 1211 E Main St., Stockton.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Planned
SERVICE STATION Cost, $——
VALLEJO, Solano Co., Cal. NE Capitol and Marin Streets.
New service station.
Owner—Shell Oil Co., Shell Building, San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded
SERVICE STATION Cost, $2,500
BERKELEY, Alameda Co., Cal. 2918 San Pablo Avenue.
One-story steel service station.
Owner—A. Shemanski, 1017 Market St. Oakland.
Architect—Not Given.
Contractor—B. Miller, 589 Haddon Rd. Berkeley.

Low Bidder.
SERVICE STATION Cost, $25,000
REDWOOD CITY, San Mateo Co., Cal.
Steel service station.
Owner—General Petroleum Corp., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Low Bidder—F. C. Stolte, 3449 Laguna Ave., Oakland.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 3151 Sacramento Street.
Alterations to public garage.
Owner—Thos. Owens, 3893 Sacramento Street.
Architect—Not Given.
Contractor—H. Papenhausen, 595 Victoria Street.

Contract Awarded
SERVICE STATION Cost, $3,000
SAN FRANCISCO. SE 38th Avenue and Geary Street.
Owner—L. Hirshberg.
Lessee—Richfield Oil Co., 248 Battery.
Plans by Engineering Dept. of Lessee.
Contractor—Fred J. Early, Jr., 369 Pine Street.

Contract Awarded.
ADDITION Cost, $5000
LOS BANOS, Merced Co., Calif.
Addition to garage building (hydraulic hoist, motor analyzer, etc.)
Owner—Thomas Kaljian (Kaljian Motor Co.), Los Banos.
Architect—Not Given.
Contractor—D. Falasco, 314 K St., Los Banos.

7— FEDERAL BUILDINGS

Plans To Be Prepared
POST OFFICE Cost, $65,000
UKIAH, Mendocino Co., Cal. N Oak St., Standley and Pine .
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
A survey has been ordered.

Plans To Be Prepared
POST OFFICE Cost, $83,000
VACAVILLE, Solano Co., Calif. NE Main and Parker Streets.
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
A survey has been ordered.

Plans Being Prepared
POST OFFICE Cost, $135,000
WATSONVILLE, Santa Cruz Co., Cal. Rear of present post office.
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Plans Being Prepared
POST OFFICE Cost, $84,000
SANTA MARIA, Santa Barbara Co.
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Plans Being Prepared
P. O. & COURT HOUSE Cost, $425,000
NOME, Alaska.
U. S. post office and court house.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Plans Being Prepared
POST OFFICE Cost, $75,000
LOVELOCK, Nevada.
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Plans Being Completed
MARTINEZ, Contra Costa Co., Calif. Court and Ward Streets.
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

January 20, 1936

Plans Being Prepared.
QUAR. STATION Cost, $150,000
HONOLULU, T. H..
U. S. Quarantine Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans Being Prepared.
POST OFFICE Cost, $410,000
SAN DIEGO, San Diego Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Architect—Not Given.

Plans Being Prepared.
POST OFFICE Cost, $215,000
PASADENA, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Architect—Not Given.

Plans Being Completed.
POST OFFICE Cost, $25,000
CARSON CITY, Ormsby Co., Nevada.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dpt., Washington, D. C.

Plans Being Prepared.
POST OFFICE AND COURTHOUSE Cost, $230,000
HILO, T. H.
U. S. Post Office and Courthouse.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans Being Completed.
POST OFFICE Cost, $75,000
AUBURN, Placer Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans To Be Prepared.
POST OFFICE Cost, $65,000
SELMA, Fresno Co., Cal. NE North and High Streets.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
A survey has been ordered.

CONTRACT AWARDED
SAN DIEGO, Cal.—Hunt & Curry Co., 507 Bancroft Bldg., San Diego, awarded contract by the Bureau of Yards and Docks, at $5016, for paint spray booth and paint storage at the Naval Operating Base (Naval Air Station), San Diego; Specification 8115. The work includes in general heating and ventilating equipment, sheet metal ducts, concrete construction, brick and hollow tile work, steel work, tubular steel doors, steel windows, carpentry work, roofing, stucco, etc.

BIDS WANTED
PORTLAND, Oregon—Blds are being received by the Custodian, U. S. Post Office, Portland, for a new vault for the fourth floor of the Post Office in Portland.

BIDS WANTED
OCEANSIDE, San Diego Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Oceanside, for painting exterior concrete of the Post Office.

BIDS WANTED
NOGALES, Arizona—Until Feb. 12, new bids will be received by the Treasury Department, Washington, D. C., for pipe rail, gate and window grilles at the U. S. Immigration Station, Nogales, Arizona. On previous bid opening only bid was submitted by Public Building Contractors, New York, at $497.

PROJECT CANCELLED
ELY, Nevada — Treasury Department probably will cancel plans for the Ely, Nevada Post Office, for which approximately $90,000 had been allocated by the PWA.

PROJECT CANCELLED
SANTA MONICA, Los Angeles Co., Cal.—Treasury Department probably will cancel plans for the Santa Monica Post Office for which approximately $130,900 had been allocated by the PWA.

Bids Wanted—To Close Feb. 14, 1 P.M.
INSPECTION STA. Cost, $——
SASABE, Arizona.
U. S. Inspection Station.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office. No deposit required for one set.

BIDS WANTED
TUCSON, Ariz.—Until Feb. 28, 1:30 P. M., bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for construction of additions and alterations to Administration Bldg. No. 1 at the Veterans' Administration Facility, Tucson.
Work will include reinforced concrete, hollow tile, brickwork, waterproofing, marble work, floor and wall tile, linoleum floors, iron work, steel sash, steel stairs, tile roofing, metal lathing, plastering, acoustical treatment, carpentry, insect screens, glazing, painting, hardware, plumbing, heating, electrical work, outside service connections, etc.
Plans and specifications may be obtained from above office and from the Supervising Superinendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

BIDS WANTED
SASABE, Ariz.—Until Feb. 14, 1 P. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for the construction of the U. S. Inspecton Station at Sasabe. Plans and specifications may

be obtained from the Procurement Division in Washington; no deposit required.

Plans Being Completed.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. Eighteenth St., bet. Guerrero and Valencia Sts.
Alterations to four-story Class C Lodge Building (install elevator, modernize lodge rooms, etc.)
Owner—Dovre Hall Association.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Bids will be asked within 1 week.

Reinforcing Steel Contract Awarded
POST OFFICE Cont. Price, $41,430
LODI, San Joaquin Co., Calif.
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Reinforcing Steel — Soule Steel Co., 1750 Army St., San Francisco.
As previously reported, grading contract awarded to Davis & Robinson, Lodi.

LOW BIDDERS
SAN DIEGO, Calif.—Otis Elevator Co., 1 Beach St., San Francisco, at $21,990 submitted low bid on Item 1, and Pacific Coast Elevator Co., 1041 Venice Blvd., Los Angeles, at $25,944 submitted low bid on Item 2 to Bureau of Yards & Docks, Navy Department, Washington, D. C., for modernizing five electric passenger elevators at the Naval Hospital, San Diego. The work includes changing from manual to automatic push-button control, replacing the existing winding machines and motors, providing new automatic self-leveling devices and door closers, and replacing some of the existing hoistway doors and car gates. Spec. No. 8100.

8— CLUB BUILDING

Site Selected.
LODGE Cost, $—
VALLEJO, Solano Co., Calif. Georgia and Sonoma Streets.
New clubhouse.
Owner—Elks Club.
Architect—Not Given.
Further details will be announced shortly.

9— HOSPITALS

CONTRACT AWARDED
VENTURA, Ventura Co., Cal.—Arthur Pinner, Jr., 4354 W. Third St., Los Angeles, awarded contract by the Ventura county supervisors at $37,321 for isolation ward to be added to the Ventura County Hospital, a PWA project. The proposal of H. R. Graham, amounting to $37,290, was rejected because he failed to sign his bid. Harold E. Burket, 468 E. Main St., Ventura, architect.

Bids Opened
HOSPITAL Cost, $245,000
SANTA ROSA, Sonoma Co., Calif.
Two-story steel hospital bldg. (stucco exterior, probably tile roof, steam heating system, steel sash, etc.; 200-bed capacity).
Owner—County of Sonoma.
Architect—John I. Easterly, Exchange Bldg., Santa Rosa.
Engineer—Ed. A. Peugh, (County Engineer) Courthouse, Santa Rosa.
Low Bidder—P. J. Walker Co., Sharon Bldg., San Francisco.
Complete bids follow:
(1) deduct for omitting linoleum;
(2) add for using pre-cast stone slabs.

P. J. Walker Co., S. F.		$223,080
	(1)	8,100
	(2)	
K. E. Parker Company, S. F.		$224,250
	(1)	8,350
	(2)	1,800
John Hachman, Stockton		$224,600
	(1)	7,600
	(2)	1,000
Monson Brothers, S. F.		$226,859
	(1)	7,775
	(2)	1,000
Carl N. Swenson, San Jose		$227,621
	(1)	8,200
	(2)	1,200
C. L. Wold, San Francisco		$232,336
	(1)	7,800
	(2)	2,800
A. Nelson, Inc., S. F.		$233,980
	(1)	8,000
	(2)	1,000

Three low bids referred to PWA.

PLANNED
SAWTELLE, Los Angeles Co., Cal. Veterans' Administration this week announced that President Roosevelt had approved three building projects, totaling $835,000 in cost, for the Veterans' Administration Facility at Sawtelle. The funds were appropriated at the last session of Congress. The improvements will include a 150-bed hospital for neuro-psychiatric patients, a 350-bed barracks for males and a 50-bed barracks for females. They will be fireproof structures. The plans were prepared by the administration in Washington and it is understood that general contract bids will be taken at an early date.

Contract Awarded.
HOSPITAL Cost, $248,889
SEDRO-WOOLLEY, Washington.
Receiving Ward at State Hospital.
Owner—State of Washington.
Architect—James A. Taylor and Jas. Blackwell, Associated, Arcade Bldg., Seattle.
Contractor—S. C. Ericksen, Tacoma.
Electric—O. A. Carlson, Seattle, $12,480.
Plumbing — Hellenthal Plumbing & Heating Co., Seattle, $31,087.
Heating—Blythe Plumbing & Heating Co., $32,172.

PLANNED
WHIPPLE, Ariz.—Veterans' Administration this week announced that President Roosevelt had approved an expenditure of $676,000 for financing the construction of a modern surgery and clinics and for the provision, through new construction or remodeling of existing structures, of approximately 300 beds at the Veterans' Administration Facility, Whipple, Ariz. Plans for the improvements are under way in Washington.

10— HOTELS

Sub-Contracts Awarded.
ALTERATIONS Cost, $92,000
SAN FRANCISCO. Sutter and Powell Streets.
Alterations to arcade of Hotel Sir Francis Drake (mechanical equipment, etc.)
Owner—Sir Francis Drake Hotel.
Architect—D. D. Stone, 110 Sutter St.
Structural Engineer—Jas. M. Smith, 251 Kearny Street.
Mechanical Engineer—Hunter & Hudson, 41 Sutter Street.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Reinforcing Bars—Gunn, Carle & Co. 20 Potrero Ave.
Structural Steel—Western Iron Wks., 141 Beale St.
Marble—Jos. Musto Sons-Keenan Co., 535 North Point St.
Steel Sash — Soule Steel Co., 1750 Army St.

Planned.
ALTERATIONS Cost, $25,000
VALLEJO, Solano County, Calif. SW Georgia and Sacramento Streets.
Alterations to Bernard Hotel.
Owner—Farnum Estate, 307 Georgia St., Vallejo.
Architect—Not Given.

Plans Being Figured — Bids Close January 30, 5 P. M.
ALTERATIONS Cost, $20,000
WATSONVILLE, Santa Cruz Co., Cal. Wall St. and Van Ness Ave.
Alterations to Appleton Hotel.
Owner—Appleton Hotel.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Segregated bids are being taken.

11—ICE & COLD STORAGE PLANTS

To Be Done By Day's Work.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. 374 Townsend St.
Alterations to storage bldg. and cooler.
Owner—Armour Co., South San Francisco.
Plans by F. A. Lindberg, General Engineer, Armour & Co., Chicago.

12— POWER PLANTS

BIDS WANTED
BONNEVILLE, Oregon—Until February 5, 3 P. M., bids will be received by War Department, Lt. Col. C. F. Williams, District Engineer, Second Portland District, 627 Pittock Block, Portland, Oregon, for furnishing and installing two electric elevators, complete with hoistway doors in the powerhouse at Bonneville Dam; Spec. No. 694-36-235.
Bid form and specifications obtainable on application to above.

CONTEMPLATED
CONTRA COSTA COUNTY, Cal.—Erection of a publicly owned gas manufacturing plant in the vicinity of Concord and Clayton to serve approximately 100 residents in the district is contemplated. Laurence Olson, Clayton, is chairman of the committee which has begun investigations to determine location for mains, cost of construction, etc.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED
SAN LUIS OBISPO, Calif.—County Roof Service, 146 N 12th St., Santa Paula, awarded contract by the San Luis Obispo county supervisors for composition floor covering to be installed in the first unit of the San Luis Obispo county courthouse. A. R. Walker and P. A. Eisen, Pacific Commerce Bldg., Los Angeles, architects. 13

Award Recommended
LIBRARY Cost, $20,100
ALAMEDA, Alameda Co., Calif. NW Eighth St. and Santa Clara Ave.
One-story branch library.
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St., Alameda.
Contractor—Villadsen Bros., 40 Winsor St., Piedmont.
Recommendation made to the PWA that contract be awarded to Villadsen Bros. at $23,590.
Complete bids published Jan. 15.

Bids Wanted
LIBRARY Cost, $35,000
VISALIA, Tulare Co., Calif. Tipton-Lindsey Playground.
One-story library building.
Owner—City of Visalia (Kathleen H. Sim, City Clerk).
Architect—C. A. Balch, 1584 West Washington St., Los Angeles.

Low Bidder — Harris Const. Co., 577 McKinley Ave., Fresno.
Complete bids follow:
Harris Const. Co., Fresno.....$31,318
Hodgson & Son, Porterville..... 32,490
Fisher & McNulty, Fresno..... 33,256
R. P. Moore, Fresno..... 33,567
Trewhitt - Shields and Fisher, Fresno 36,700
Wesco Const. Co., Los Angeles 41,985
Bids held under advisement.

Sub-Contracts Awarded
MEMORIAL HALL Cont. Price $43,047
TULARE, California.
Memorial building.
Owner—City of Tulare.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor—W. J. Oehs, Pacific Southwest Bldg., Fresno.
Plumbing—R. E. Rounsaville, Tulare.
Sheet Metal—Z. Z. Dowd, Fresno.
Elec. Work—T. M. Robinson, Fresno.
Miscellaneous Iron, Reinforcing and Struc. Steel—Kyle & Co., Fresno.
Steel Sash—Michel and Pfeffer Iron Works, San Francisco.
Millwork, Glass and Glazing—Fresno Planing Mill, Fresno.
Plastering—Joseph Masi, Fresno.
Painting & Roofing—O. H. Willoughby Fresno.
Lumber—Standard Mill & Lumber Co. Fresno.

Bids Wanted—To Close Feb. 5, 1:30 P. M.
CITY HALL Cost, $——
LAKEVIEW, Oregon.
Two-story and basement city hall.
Owner—City of Lakeview.
Architect—Howard Perrin, 206 Underwood Bldg., Klamath Falls.
Plans and specifications may be obtained from the architect upon deposit of $20.00.

AWARD RECOMMENDED
SOLVANG, Santa Barbara Co., Cal. —Santa Barbara County Supervisors last week recommnded to the PWA that a contract be awarded to Hans Skytt, Solvang, at $37,278, for the construction of a Veterans' Memorial Building in Solvang. The building will contain an auditorium to seat 600 persons, and will be a wood frame structure with stucco exterior, tile roofing, oil burning furnace, etc. E. Keith Lockard, 117 E. De la Guerra St. Santa Barbara, is the architect. The bids were opened January 6.

Bids Opened.
AUDITORIUM Cost, $118,181
EUREKA, Humboldt Co., Calif. F St. between 11th and 12th Sts.
One-story and balcony civic auditorium (main auditorium 100 feet square; stage, secondary room, large foyer, etc.; concrete walls, steel trusses, steel balcony, wood sheathing, interior redwood finish, steel sash, hot air heating system ventilation system, etc.; to seat 2100).
Owner—City of Eureka.
Architect—F. T. Georgeson, 537 G St., Eureka.
Structural Engineer—W. H. Ellison, Pacific Bldg., San Francisco.
Low Bidder—Barrett & Hilp, 918 Harrison St., San Francisco, $111,600.
Complete bids follow:
Barrett & Hilp, San Francisco..$111,600
T. J. Maurer, Eureka, and Carl Koller, Crockett 117,484
Mercer Fraser Co., Eureka..... 129,000
Bids were taken on alternate items, but any deductions will not affect the low bid. City Council will meet Tuesday to recommend award.

BIDS OPENED
SAN JOSE, Santa Clara Co., Cal.—Rockwood Sprinkler Co., 7 Front St., San Francisco, at $4,695 submitted the low bid for furnishing and installing automatic sprinkler system for Civic Auditorium in San Jose.
Complete bids follow:
(1) Automatic Sprinkler System;
(2) Fire Alarm System.
Rockwood Sprinkler Co., San Francisco .....(1) $4,695
.....(2) 575
Fire Protection Products Co. San Francisco .....(1) $4,800
..... (2) 500
Albertson McCormick Co. San Francisco .....(1) $4,900
.....(2) 625
Recommendation made to the PWA that contract on the sprinkler system be awarded to Rockwood Sprinkler Company.

Sub-Bids Wanted.
SALINAS, Monterey Co., Cal.—P. J. Walker Co., Sharon Bldg., San Francisco, desire sub-bids on all portions of the work for the construction of the Monterey County Courthouse to be erected in Salinas, for which bids will be opened on February 10, 2 P. M.

Material Bids Being Taken.
FIRE HOUSE Cost, $30,000
SAN JOSE, Santa Clara Co., Calif. Emory and Laurel Streets.
One - story reinforced concrete fire house (tile roof) 75x150 feet.
Owner—City of San Jose.
Architect — Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Material bids are being taken as follows:
Reinforcing steel, cement, sand, gravel and steel casement sash.
Bids are being received by Walter B. Hester, Postoffice Bldg., San Jose.
Project is being financed with WPA funds.

COMMISSIONED TO PREPARE PLANS
ONTARIO, San Bernardino Co., Cal. Architect DeWitt Mitcham, 388 Highland Ave., San Bernardino, this week was commissioned by the Ontario city council to prepare plans for a new reinforced concrete city hall building to be erected in Ontario, a WPA project. Cost, $80,000.

BIDS OPENED
SAN JOSE, Santa Clara Co., Cal.—Following bids received by San Jose City Council for furnishing and installing auditorium seats in the San Jose Civic Auditorium, Market and San Carlos Sts., San Jose.

1300 Folding Steel Chairs, Main Auditorium
(1) Total; (2) Per Chair.
American Seating Co., 207 Van Ness Ave., South, San Francisco .....(1) $3,445.00
.....(2) 2.65
L. Leon & Sons, S. F. .....(1) $3,575.00
.....(2) 2.75
W. R. Knight, S. F.....(1) $3,770.00
.....(2) 2.70

Little Theatre, 597 Chairs
(1) Total; (2) Per Seat; (3) Aisle Lights.
American Seating Co.....(1) $5,647.62
.....(2) 9.46
.....(3) 1.03
L. Leon & Sons, S. F.....(1) $5,958.06
.....(2) 9.98
.....(3) .....
General Seating Co. S. F...(1) $5,999.85
.....(2) 10.75
.....(3) .....
Office, Store & Equip. Co. San Francisco .....(1) $6,094.75
.....(2) 10.15
.....(3) 1.10

Main Auditorium, 1300 Wooden Chairs
(1) Total; (2) Per Chair.
American Seating Co. .....(1) $5,031.00
.....(2) 3.87
L. Leon & Sons.....(1) $5,356.00
.....(2) 4.12
Office, Store & Equip. Co...(1) $5,382.00
.....(2) 4.14
General Seating Co.....(1) $5,408.00
.....(2) 4.14

Ten Chair Trucks for Steel Chairs
(1) Total; (2) Per Truck.
W. R. Knight, S. F.....(1) $ 425.00
.....(2) 42.50
American Seating Co.....(1) $ 477.30
.....(2) 47.73
L. Leon & Sons.....(1) $ 500.00
.....(2) 50.00

Ten Chair Trucks for Wooden Chairs
(1) Total; (2) Per Trucks.
American Seating Co.....(1) $ 515.00
.....(2) 51.50
L. Leon & Sons.....(1) $ 550.00
.....(2) 55.00

Main Auditorium 2,030 Chairs with Padded Seats
(1) Total; (2) Per Chair.
L. Leon & Sons .....(1) $11,916.10
.....(2) 5.87
American Seating Co.....(1) $12,931.10
.....(2) 6.37
Office, Store and Equipment Co. .....(1) $13,093.50
.....(2) 6.45
General Seating Co.....(1) $13,195.00
.....(2) 6.50

Main Auditorium, 2,030 Chairs
(1) Total; (2) Per Chair.
L. Leon & Sons.....(1) $ 9,317.70
.....(2) 4.59
American Seating Co.....(1) $10,190.60
.....(2) 5.02
General Seating Co.....(1) $10,353.00
.....(2) 5.10
Recommendation made to the PWA that contracts be awarded as follows:
American Seating Co. at $5,647.62 for 587 chairs for the Little Theatre.
American Seating Co. at $5,031.00 for 1300 Main Auditorium wooden chairs.
American Seating Co. at $515 for 10 chair trucks for wooden chairs.
L. Leon & Sons, at $9,317.70 for 2,030 chairs for Main Auditorium.

Construction To Start Shortly.
MUSEUM Cost, $2000
LAKEPORT, Lake Co., Calif. Forbes and Third Streets.
One-story reinforced concrete museum
Owner—County of Lake.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Project approved by the WPA.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 1938 Clemens Road.
One-story and basement frame and stucco residence (5 rooms).
Owner—K. G. & E. Jacobsen, 881 York St., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. NE Silver Avenue and Elmira.
One - story and basement frame and stucco residence.
Owner—Walter Schwartz.
Architect—F. W. Dakin, 625 Market.
Contractor — Richard Delucchi, 3275 San Bruno Avenue.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. W. Retiro Way 100 N Beach Street.
One - story and basement frame and stucco residence.
Owner—Anza Home Building Co., 321 Kearny Street.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street.

Contract Awarded
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 720 Grizzly Peak Blvd.
One - story and basement frame and stucco residence (five rooms).
Owner—George E. Roy, 123 Lake St., Oakland.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove Street, Berkeley.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 1050 Warfield Avenue.
One - story and basement frame and stucco residence (6 rooms).
Owner—A. C. Christensen.
Architect—Not Given.
Contractor—Charles Anderson, 3917 Park Blvd., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 5133 Proctor Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—S. P. Tate, 5317 Broadway, Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 1422 Glenfield Avenue.
One - story and basement frame and stucco residence (6 rooms).
Owner—A. W. Owen, 1825 Hopkins St. Oakland.
Architect—F. H. Slocombe, 2363 Ashby Ave., Berkeley.
Contractor—L. E. Van Ness, 4920 Park Blvd., Oakland.

Contract Awarded
RESIDENCE Cost, $6,500
SAN JOSE, Santa Clara County, Cal. 1560 Calaveras Avenue.
Two-story frame and stucco residence (six rooms).
Owner—Miss M. V. Chase, 485 South 15th St., San Jose.
Architect—Not Given.
Contractor—Geo. S. Kocher, Graphic Arts Bldg., San Jose.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara County, Cal. 868 Clintonia Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner—S. L. Shonts, 685 Palmhaven Avenue, San Jose.
Architect—Not Given.
Contractor—V. E. Von Dalsem, 285 S. First St., San Jose.

Contract Awarded
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara County, Cal. Shortridge Ave. near 31st Street.
One-story frame residence (4 rooms).
Owner—Joseph Pagan, Jr., 1518 East San Antonio St., San Jose.
Architect—Not Given.
Contractor—Sal Guardino, 690 Mission St., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara County, Cal. 1465 Calaveras Avenue.
Two-story frame and stucco residence (seven rooms).
Owner & Builder—I. Brotzman, 5 Garfield Ave., San Jose.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara County, Cal. 1345 Newhall Street.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—Clark L. Bradley. 1215 McKendric St., San Jose.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara County, Cal. 1575 Calaveras Avenue.
Two-story frame and stucco residence (six rooms).
Owner & Builder—I. Brotzman, 5 Garfield Ave., San Jose.
Architect—Not Given.

Contract Awarded.
ADDITIONS Cost, $2000
PIEDMONT, Alameda Co., Cal. No. 210 Crocker Avenue.
Garage and sevrants' quarters.
Owner—George W. Baker, Premises.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.
Contractor — J. Krafft, 1052 Nielson St., Berkeley.

Segregated Bids Being Taken.
RESIDENCE Cost, $12,000
WATSONVILLE, Santa Cruz Co., Cal.
Two-story and basement frame and stucco residence (10 rooms and 4 baths) hot air heating system, etc.
Owner—W. W. Bendell, 55 Brennan St., Watsonville.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Owner will furnish all rough lumber and will supervise construction.

Plans Being Prepared.
RESIDENCE Cost, $15,000
ATHERTON, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (10 rooms and 3 baths); shingle roof, gas hot air heating system, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect — Henry H. Gutterson, 536 Powell St., San Francisco.
Bids will be asked in about two weeks.

Contract Awarded.
RESIDENCE Cost, $3000
SAN FRANCISCO, N Hudson St. 150 E Mendell St.
One-story and basement frame residence.
Owner—Frances Lynn.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor — Richard Delucchi, 3275 San Bruno Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Sixteenth Ave. 225 S Vicente St.
One-story and basement frame and stucco residence.
Owner and Builder—Oscar E. Mittelstaedt, 808 Rivera St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. Seneca Ave. and Cayuga Street.
Two two-story and basement frame and stucco residences.
Owner and Builder—Stoneson Bros., 1630 Ocan Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Cal. No. 999 South Ninth Street.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—M. A. Urstadt, 118 Radio Ave., San Jose.

Owner Taking Bids.
RESIDENCE Cost, $4,800
RICHMOND, Contra Costa Co., Calif.
One- and two-story frame and stucco residence (shake roof, gas heating ,wood sash, tile baths, etc.)
Owner—M. Sobrero, 444 McLaughlin, Richmond.
Architect—Earl McDonald, 2812 Broadway, Oakland.

Preparing Working Drawings.
RESIDENCE Cost, $30,000
PIEDMONT, Alameda Co., Cal. Seaview Avenue.
Two-story and basement, frame and brick veneer residence (12 rooms, 6 baths) shingle tile roof, gas hot air heating system, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect—Fred. Reimers, 233 Post St. San Francisco.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. Estates Drive.
Two-story frame and stucco residence.
Owner—Chas. D. Coit Oakland.
Architect—Leonard H. Ford, 2022 Berkeley Way, Berkeley.
Contractor—B. S. Hanson, 672 Santa Ray Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Cal. South Cordova West Fruitvale.
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. W. Seammell, 424 Scenic Ave., Piedmont.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5932 Monzol Avenue.
One-story frame and stucco residence (five rooms).
Architect—W. H. Hyde, 1801 Bank of America Bldg., Oakland.
Contractor—T. D. Courtright, 349 51st St., Oakland.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 6044 Claremont Avenue.
One-story brick residence (five rooms)
Owner—F. Bellocq.
Architect—Not Given.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $5600
SAN CARLOS, San Mateo Co., Calif. White Oaks Subdivision.
One-story frame and stucco residence (five rooms) Normandy English style; shingle roof, gas warm air heating system, wood sash, tile bath and lavatory.
Owner—Horald McGee (Sponsored by General Electric Co.)
Architect—Mario Corbett, Hotel Benjamin Franklin, San Hateo.

Plans Being Prepared.
RESIDENCE Cost, $5600
SAN MATEO, San Mateo Co., Calif. Aragon Subdivision.
One-story and basement frame and stucco residence (5 rooms) Monterey style; shingle roof, gas warm air heating system, wood sash, tile bath and lavatory, etc.
Owner—Mr. and Mrs. Albert R. Tyler
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.

Plans Being Prepared.
RESIDENCE Cost, $4200
SOUTH SAN FRANCISCO. Calif. Parkway Terrace Subdivision.
One-story frame and stucco residence (5 rooms) English style; shake roof, gas warm air heating system, wood sash, hardwood floors, etc (Model Home).

Owner—South San Francisco Chamber of Commerce.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.

Plans Being Prepared.
RESIDENCE Cost, $6200
SAN MATEO, San Mateo Co., Calif. Aragon Subdivision.
Two-story frame and drop siding residence (Colonial Cape Cod style); (6 rooms and 2 baths); shingle roof, gas warm air heating system, wood sash, tile baths and lavatory, etc.
Owner—Bruce T. Sweney.
Architect—Mario Corbett, Hotel Benjamin Franklin San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. W Tocoloma, N. Blanken Street.
One - story and basement frame and stucco residence.
Owner and Builder—Wm. H. Grahn, 2965 Mission Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. Thomas and Lane Streets.
One - story and basement frame and stucco residence.
Owner—D. Stefanopoulos, 1547 Thomas Street.
Architect—Not Given.
Contractor—J-G Construction and Finance Company.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
Five one - story and basement frame and stucco residences.
Owner and Builder — Land Development Co., 364 Bush Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 135 Alta Road.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Paul H. Haller, 6221 Buena Vista Ave., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,000
SACRAMENTO, Sacramento Co., Cal. 2821 14th Street.
Two-story frame and stucco residence.
Owner—R. B. Cooper.
Architect—Not Given.
Contractor—Hansen & Suter, 308 Oakmont Ave., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 3008 Partridge Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—C. D. Lyon, 6501 Buena Ventura Avenue.
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCE Cost, $——
CARMEL, Monterey Co., Calif.
One-story wood frame residence.
Owner—Mrs. Diantha Miller.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Dowsett - Ruhl Co., Russ Bldg., San Francisco (low bidder).
Plumbing, Heating—Anderson-Dougherty-Hargis Co., Carmel.
Electric—Dan Searle, Carmel.
Mill Work and Glass—Pacific Mfg. Co., Santa Clara.
Brick Work—J. Scholz, Pacific Grove.
Lumber—Union Supply Co., Monterey.
Painting—Robt. Page, Monterey.

Contract Awarded
RESIDENCE Cost, $5,000
ALAMEDA, Alameda Co., Calif. 2014 Central Avenue.
Two-story frame and rustic residence (six rooms).
Owner—E. L. Bowman, 2014 Central Avenue, Alameda.
Architect—Not Given.
Contractor—Farringer and Spaulding, 1511 Union St., Alameda. 14

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Contract Awarded
RESIDENCE Cost, $5,000
ALAMEDA, Alameda Co., Calif. 1418 Union Street.
One-story frame and stucco residence (five rooms).
Owner—Frank Steffenson, 1300 Webster St., Oakland.
Architect—Not Given.
Contractor—A. Steffenson, 1300 Webster St., Oakland.

Contract Awarded
RESIDENCE Cost, $4,264
BURLINGABLES, San Mateo Co., Cal.
Two-story frame and stucco residence
Owner—J. J. Heffernan, San Mateo.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Contractor—Antone E. Nelson, 610 9th Ave., San Mateo.

Plans Being Figured — Bids Close February 4, 12 Noon.
RESIDENCES Cost, $——
SAN FRANCISCO. Bay Street.
Four one-story frame and rustic residences (3 and 4 rooms each); fireproof roofing, gas heating system, hardwood floors, tile baths, etc.)
Owner—Miss Nora Kenyon.
Architect—W. W. Wurster, 260 California St., San Francisco.

Sub-Bids Wanted.
RESIDENCE Cost, $5700
OAKLAND, Alameda Co., Calif.
Two-story frame and stucco residence (8 rooms) tile & composition roof, oak floors, two tile baths, two-car garage, etc.
Owner—Withheld.
Architect—Not Given.
Contractor — Acme Constr. Co., 9528 Foothill Blvd., Oakland. (Trin. 3371).

Bids Wanted — To Close February 4, 11:00 A. M.
RESIDENCE & LAB. Cost, $11,000
VALLEJO, Solano Co., Calif.
Two-story frame duplex residence (1 6-room and 1 5-room residence) redwood siding, electric heaters, electric hot water, composition roof, septic tank, etc.) and two-story frame laboratory building (redwood siding) 3 garages.
Owner—City of Vallejo.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Plans and specifications may be obtained from City Engineer T. D. Kilkenny, upon deposit of $10.

Contract Awarded.
RESIDENCE Cost, $6000
BURLINGAME, San Mateo Co., Cal. Barnison Avenue.
One-story frame and stucco residence.
Owner—Marcel Penat.
Architect—Not Given.
Contractor—S. A. Wisnom, 140 Ellsworth St., San Mateo.

Contract Awarded.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Lot 5 Blk 6, Seville Street.
Two-story frame and stucco residence
Owner—A. D. Parker, 512-A S-Idaho St., San Mateo.
Architect—Not Given.
Contractor—Lengfeld & Olund, 220 3rd Ave., San Mateo.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. No. 229 Aragon St.
Two-story frame and stucco residence
Owner and Builder—G. W. Williams Co., 315 Primrose Road, San Mateo.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4500
SAN MATEO, San Mateo Co., Calif. Lot 6 Blk 57, Humboldt Street.
One-story and basement frame and stucco residence.
Owner—Florence Peony.
Architect—Not Given.
Contractor—R. E. Broderick, 130 12th Ave., San Mateo..

Contract Awarded.
RESIDENCE Cost, $4000
BURLINGAME, San Mateo Co., Calif. Winchester Drive.
One-story frame and stucco residence
Owner—Allen E. Singer, 117 Anita Rd. Burlingame.
Architect—Not Given.
Contractor—F. Pedersen, 313 Lorton Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $3000
BURLINGAME. San Mateo Co., Calif. Lot 1 Blk. 39, Burlingame Ave.
One-story frame residence.
Owner — T. H. Limpert, 550 Almer Road, Burlingame.
Architect—Not Given.
Contractor—Roy Allen, P. O. Box 62, Burlingame.

Sub-Contracts Awarded.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. Thirteenth and U Streets.
Alterations to building (160x160-ft.) to provide sales rooms, shops and parts department.
Owner—Capital Co., 625 Market St., San Francisco.
Lessee—Weaver-Rye Tractor Co., 1701 Second St., Sacramento.
Plans by Engineering Dept. of Owner.
Contractor—Peterson & Steinbrenner, 1116 O St., Sacramento.
Roofing—F. A. Clark, Fruitridge.
Plumbing—D. H. McAlpine, 800 36th Street, Sacramento.
Electric Wiring — Jack W. Thomas, 3216 L St., Sacramento.
Lumber—Capital Lumber Co., 37th & R Sts., Sacramento.

Contract Awarded.
RESIDENCE Cost, $7000
PALO ALTO, Santa Clara Co., Calif. No. 376 Dana Street.
One-story frame and stucco residence
Owner — D. P. Boothe Jr., 324 Elmwood Ave., Oakland.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto.

Planned.
RESIDENCES Cost, $——
SACRAMENTO, Sacramento Co., Cal. Castro Way, bet. 18th and 19th Streets.
Six frame and stucco residences (5 & 6 rooms each).
Owner—J. J. Seidell, 2684 18th St., Sacramento.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $9,000
OAKLAND, Alameda Co., Calif. Oakmore Manor.
Two - story and basement frame and stucco residence (8 rooms, 3 baths)
Owner—M. J. Conlon.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.
Contractor—Charles Ungarettl, 1727 Foothill Blvd., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. E Seventeenth Ave. 25 S Lawton St.
One-story and basement frame and stucco residence.
Owner and Builder—Henry Doelger, 320 Judah St., San Francisco.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. W Desmond South Visitacion.
One - story and basement frame and stucco residence.
Owner—Arthur J. Mangan, 196 Arieta.
Architect—Not Given.
Contractor—The Ruegg Co., 369 Pine.

Contract Awarded
RESIDENCE Cost, $7,599
SAN FRANCISCO. E Russian Hill Place N Vallejo Street.
Two-story frame residence.
Owner—St. G. and Carolyn L. Heyman, 944 Lake Street.
Architect—Farr & Ward, 68 Post St.
Contractor—H. S. Meinberger, 343 4th.

Plans Being Prepared.
RESIDENCE Cost, $4200
FAIRFAX, Marin Co., Calif.
One-story frame and stucco residence (4 rooms) wood sash, shake roof, hardwood floors, probably electric heating system, pine floors, tile baths, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Bids will be asked in about ten days.

Plans To Be Revised.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two-story and basement frame and stucco residence (10 rooms and 4 baths) tile roof, oil burning heating system, hardwood floors, tile baths, etc.
Owner—Andrew Christ, Oakland.
Architect — Williams & Wastell, 374 17th St., Oakland.
Whether new bids will be asked or not is not determined at this time.

Plans Being Figured—Bids Close Feb. 3, 5:00 P. M.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, steel sash, oil heating system, hardwood floors, tile baths, canvas walls, etc.
Owner— B. Celli.
Architect—Ray Keefer, 770 Wesley St. Oakland.

Plans Being Figured.
RESIDENCES Cost, $4200 each
SAN LEANDRO, Alameda Co., Cal.
Three one-story and basement frame and stucco residences (six rooms each) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Aragon Subdivision.
Two-story frame and stucco residence (6 rooms and 2 baths) Monterey style, shingle roof, gas warm air heating system, wood sash, tile baths, etc.
Owner—Bruce T. Sweney.
Architect—Mario Corbett, Hotel Benjamin Frankin, San Mateo.

Plans Being Figured.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (7 rooms and 2 bathts) shake roof, gas heating system, steel and wood sash, hardwood floors, etc.
Owner—Syndicate Idora, Ltd.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Preliminary Plans Completed.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. Piedmont District.
Two-story frame and stucco residence (7 rooms and 2 baths); shake roof, gas heating system, steel & wood sash, hardwood floors, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Contract Awarded
RESIDENCE Cost, $9,000
PALO ALTO ,Santa Clara Co., Calif. 676 Alvarado Street.
Two-story frame and stucco residence
Owner—John and Bonnie Bunn, Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor—R. C. Knight, 595 Bailey Ave., Mountain View.

Bids In—Held Under Advisement.
RESIDENCE Cost, $——
ALAMEDA, Alameda Co., Cal. San Jose Avenue.
Two-story frame and stucco residence (7 rooms) shingle roof, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—Kent & Hass, 525 Market St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $12,000
STOCKTON, San Joaquin Co., Calif. County Club Blvd.
Two-story and basement frame and stucco residence (8 rooms and 2 baths) heavy shingle roof, gas furnace, steel sash, tile baths, hardwood floors, etc.
Owner—J. W. Glenn.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.

Plans Being Prepared.
RESIDENCE Cost, $——
LODI, San Joaquin Co., Calif.
One-story and basement adobe residence (five rooms) heavy shake roof, gas heating system, etc.
Owner—Paul Higginbothan.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Bids will be asked in about two weeks.

Contract Awarded
RESIDENCE Cost, $7000
SAN FRANCISCO. St. Francis Wood.
Two-story frame and stucco residence (7 rooms and 2 baths) tile and composition roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Mr. Evans.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—Stoneson Brothers, 1630 Ocean Ave., San Francisco.

Plans Being Figured.
ALTERATIONS Cost, $——
SAN FRANCISCO. Divisadero Street near Pacific Avenue.
Alterations to residence.
Owner—Stanley Sinton.
Architect — Angus McSweeney, 604 Mission Street.
G. P. W. Jensen, 320 Market Street, is the only contractor figuring the plans.

Plans Being Figured—Bids Close Jan. 29th.
RESIDENCE Cost, $10,000
REDWOOD CITY, San Mateo Co., Cal.
Two - story frame and brick veneer residence (Colonial style).
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Following will submit bids:
Jensen & Pedersen, 3443 Adeline St., Oakland.
Emil Steinegger, 371 Alameda de la Pulgas, Redwood City.

Contract Awarded
RESIDENCE Cost, $5,500
REDWOOD CITY, San Mateo Co., Cal.
Two-story frame and stucco residence
Owner—E. H. Higgins.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—Emil Steinegger, 371 Alameda de la Puglas, Redwood City.

Contract Awarded.
RESIDENCE Cost, $7000
SACRAMENTO, Sacramen o Co., Cal. No. 1881 11th Avenue.
Two-story frame and stucco residence
Owner—John P. Lawler, 2725 21st St., Sacramento.
Architect—Not Given.
Contractor—J. Randall Jr., 1424 38th St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $5000
SACRAMENTO, Sacramento Co., Cal. No. 2783 Thirteenth St.
One-story and basement frame and stucco residence.
Owner—F. J. Winslow, 603 S St., Sacramento.
Architect—Not Given.
Contractor—Joseph Pesce, 5109 J St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $5500
SACRAMENTO, Sacramento Co., Cal.
One-story and basement frame and stucco residence.
Owner—J. J. Seidell, 2684 18th Street, Sacramento.
Architect—Not Given.
Contractor—Roy Hess, 2200 P Street, Sacramento.

Contract Awarded.
RESIDENCE Cost, $5500
BURLINGAME, San Mateo Co., Calif. Lot 15 Blk 12, Burlingame Ave.
One-story and basement frame and stucco residence.
Owner—J. J. Heffernan, 600 Burlingame Ave., Burlingame.
Architect—Not Given.
Contractor — Norton & Norton, 1375 North Broadway, Los Angeles.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. Lot 6 Blk 5, Avila Way.
One-story and basement frame and stucco residence.
Owner and Builder—George W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Not Given.

CONTRACT TO BE AWARDED
ALHAMBRA, Los Angeles Co., Cal. —Steed Bros., 5 S. Stoneman Ave., Alhambra, submitted low bid to Alhambra board of education and were awarded the contract at $29,850, subject to PWA approval, for construction of a combination auditorium and classroom building at the Ynez school site. Plans were prepared by Architect John W. Smart, 39 E. Main St., Alhambra, and Murray Erick, 811 W Seventh St., Los Angeles, structural engineer.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. 925 Maple Avenue.
One-story and basement frame and stucco residence.
Owner—C. W. Rogers, 1114 Broadway, Burlingame.
Architect—Not Given.
Contractor — Dean Mitchell, 1041 Paloma Ave., Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Calif. No. 353 Fairfax Avenue.
Two-story frame and stucco residence
Owner and Builder—J. B. Oswald, 760 El Cerrito, San Mateo.
Architect—Not Given.

Plans being Figured—Bids Close Feb. 3rd, 8 P. M.
HAYWARD, Alameda Co., Calif.
Two - story and basement frame and stucco residence (6 rooms and 2 baths) shake roof, gas heating system, tile baths, plaster walls, wood sash, etc.
Owner—B. Doughty.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Following will submit bids:
George Asmussen, 1058 Grove Way, Hayward.
A. Holyoake, 2839 East Ave., Hayward.
H. S. Shain, 54 Arlette Ave., Hayward.
H. W. Suttle, 1701 D St., Hayward.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO. E Mallorca Road N Alhambra.
Two - story and basement frame and stucco residence.
Owner & Builder—Heyman Bros., 742 Market Stree.t
Architect—Not Given.

Plans Completed
SCHOOL Cost, $9,000
ALAMEDA COUNTY, Cal. Stonybrook Canyon.
One - story frame and stucco school building (tile roof, etc.)
Owner—Stonybrook School District.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Plans will be forwarded to the State Division of Architecture, Sacramento, for approval. Application has been filed with WPA.

Contract Awarded
SCHOOL Cost, $25,000
DEL PASO, Sacramento Co., Calif.
One-story concrete school.
Owner—Del Paso School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Contractor—P. F. Bender, 1012 Del Paso Blvd., Sacramento.
Complete bids published Dec. 20.

COMMISSIONED TO PREPARE PLANS
TUJUNGA, Los Angeles Co., Cal.—Architect Earl T. Heitschmidt, Room 807, 417 S. Hill St., Los Angeles, commissioned by Los Angeles Board of Education to prepare plans and specifications for a new building at Pinewood Avenue School, 10,116 Pinewood Ave., Tujunga. Cost, $95,000.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal.—Architect A. R. Hutchason, 1001 Architects' Bldg., and Structural Engineer R. McC. Beanfield, 629 Chamber of Commerce Bldg., commissioned by Los Angeles Board of Education to prepare plans and specifications for the reconstruction, rehabilitation and strengthening of the main building at Joseph Le Conte Junior High School, 1316 N. Bronson Ave. Cost, $160,000.

Contract Awarded
SCHOOL Contract Price, $30,135
BRISBANE, San Mateo Co., Calif.
One-story frame and stucco grammar school (four classrooms).
Owner—Visitacion Elementary School District.
Architect—Thos. Edwards, 9 Geary St. San Francisco.
Contractor—H. H. Smith, Daly City.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Calif. — Structural Engineer C. G. De Swarte, 5369 Wilshire Blvd., has been commissioned by the Los Angeles board of education to prepare engineering plans for the reconstruction, strengthening and rehabilitation of Bldg. No. 3 at Hammel Street school, 438 N. Brannick St. Lyle N. Barcume, 5369 Wilshire Blvd., architect.

LOW BIDDER
VAN NUYS, Los Angeles Co., Cal.—E. C. Nesser, 4822 W Jefferson St., Los Angeles, submitted low bid to Los Angeles board of education at $89,357 for a new two-story classroom building to be erected at the Van Nuys high school, 6535 Cedros Ave., Van Nuys. Allison & Allison, architects, and Franklin N. Ropp, 1014 Edison Bldg., Los Angeles, structural engineer, and E. L. Ellingwood, H. W. Hellman Bldg., Los Angeles, mehanical engineer.

Plans Awaiting PWA Approval.
SHOPS Cost, $35,000
SACRAMENTO, Sacramento Co., Cal. West Freeport Blvd. bet. Bidwell Way and Sixth Avenue.
Shops and senior high school building (first unit).
Owner—Sacramento School District.
Architect—Starks & Flanders, Forum Bldg., Sacramento.
Plans have been approved by the Sacramento Board of Education and upon approval by the PWA, bids will be asked.
Additional units for the high school plant, include 30 classrooms, laboratory, gymnasium, cafeteria and auditorium. Total cost of the project is $715,000.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal.—Los Angeles board of education has approved the appointment of the following engineers to prepare structural and mechanical plans for a new building and auditorium building to be erected at Ford Blvd. School, 1150 Ford Blvd., Belvedere Gardens; Blake E. Beatty, structural engineer, 816 W Fifth St., Los Angeles; E. L. Ellingwood, mechanical engineer, H. W. Hellman Bldg., Los Angeles; Harold S. Johnson, Room 1001, 816 W Fifth St., Los Angeles, architect. Cost, $60,000.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal.—Arcitect M. M. Marston, 517 Douglas Bldg., and Structural Engineer H. A. Nelson, 312 Associated Realty Bldg., commissioned by Los Angeles board of education to prepare plans for reconstruction rehabilitation and strengthening of the 1924 portion of the main brick building at Lockwood Street school, 4345 Lockwood St. Cost, $30,700.

LOW BIDDER
WILMINGTON, Los Angeles Co., Cal.—Harvey A. Nichols, 936 East Slauson Ave., Los Angeles, submitted low bid to Los Angeles board of education at $45,710, for reconstruction, rehabilitation and strengthening of Building No. 2 at Fries Avenue school 1301 Fries Ave., Wilmington. H. F. Withey, 405 S. Western Avenue, Los Angeles, architect, and B. E. Beatty, 816 W. Fifth St., Los Angeles, structural Engineer.

BIDS WANTED
LAGUNA BEACH, Orange Co., Cal.—Until Feb. 6, 7:45 P. M., separate bids will be received by the Laguna High School District, Park Ave. and Manzanita St., Laguna Beach, for the construction of (a) a two-story gymnasium building, 90x100 feet in area, and (b) a one-story, five-classroom annex to existing building, 118x62 ft. in area, located at the site of the present high school, corner of Park Avenue and Manzanita Street, Laguna Beach. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects.

COMMISSIONED TO PREPARE PLANS
SOUTH GATE, Los Angeles Co., Cal.—Architect G. S. Underwood, 1400 1404 Continental Bldg., Los Angeles, commissioned by Los Angeles board of education to prepare plans and specifications for a new school shop building to be erected at South Gate high school, 3351 Firestone Boulevard, South Gate. Cost, $30,000.

BIDS WANTED
WHITTIER, Los Angeles Co., Cal.—Until February 3, 5 P. M. (bids to be opened at 7 P. M. that day) bids will be received by Whittier Union High School District for the reconstruction of the cafeteria building at Whittier high school, a PWA project. Certified or cashier's check or bond for 5% must accompany each bid. Plans and specifications are on file with the architect, R. L. Warren, 119 Emporium Bldg., Whittier. Cost, $50,000.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal. — Architect Carlton Monroe Winslow, 1001 Architects' Bldg., commissioned by Los Angeles Board of Education to prepare plans for new classroom building and auditorium to be erected at Miramonte School, 140 E. 68th St. Cost, $95,000.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal. — Architects Farrell & Miller, 4814 Loma Vista Ave., and Structural Engineer Ralph A. DeLine, 1144 S. Grand Ave., have been commissioned by Los Angeles Board of Education to prepare plans for reconstruction, strenghtening and rehabilitation of the 1925 portion of the home economics building at Lafayette Junior High School, 1515 E. 11th St. Cost, $72,400.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal. — Architect Joseph Kaiser, Bank of Inglewood Bldg., Inglewood, and Structural Engineers Holmes & Narver, 639 S. Spring St., Los Angeles, have been commissioned by Los Angeles Board of Education to prepare plans for reconstruction, strengthening and rehabilitation of the 1922 portion of the main brick building at Breed Street School, 2226 E. Third St. Cost, $49,700.

LOW BIDDER
WILMINGTON, Los Angeles Co., Cal.—Harvey A. Nichols, 936 E Slauson Ave., Los Angeles, submitted low bid to Los Angeles board of education at $45,710 for reconstruction, rehabilitation and strengthening of Bldg. No. 2 at Fries Avenue school, 1301 Fries

Ave., Wilmington. H. F. Withey, 405 S. Western Ave., Los Angeles, architect, and Blake E. Beatty, 816 West Fifth St., Los Angeles, structural engineer.

Commissioned To Prepare Plans.
ADDITION Cost, $40,000
BERKELEY, Alameda Co., Cal. Claremont Ave., bet. Ashby Ave. and Webster St.
South wing and auditorium at John Muir School.
Owner—Berkeley School District.
Engineer—Thomas Chace, 605 Market St., San Francisco, and Berkeley Board of Education, Berkeley.

Plans Awaiting Approval.
REHABILITATE GYM. $40,000
BERKELEY, Alameda Co., Cal. No. 1200 University Avenue.
Rehabilitation of boys' gymnasium in Burbank Junior High School.
Owner—Berkeley Board of Education.
Architect—W. C. Ambrose, 244 Kearny St., San Francisco.
Engineer—Thomas Chace, 605 Market St., San Francisco.
Plans have been forwarded to the State Division of Architecture, Sacramento, for approval.

Sub-Contracts Awarded.
ALTERATIONS Cont. Price, $143,725
BERKELEY, Alameda Co., Cal. No. 1775 Rose Street.
Alterations to Garfield School.
Owner—Berkeley School District.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Engineer—Thomas F. Chace, Berkeley Board of Education, Berkeley.
Contractor — K. E. Parker Co., 135 South Park, San Francisco.
Sheet Metal—Aladdin Heating Corp., 5107 Broadway, Oakland.
Linoleum—John Breuner, 21st St. and Broadway, Oakland.
Electric — Spencer Electric Co., 2059 Webster St., Oakland.
Painting—A. A. Zelinsky, 3011 Steiner St., San Francisco.
As previously reported, demolition of buildings awarded to Emsco Concrete Cutting Co., 260 Clementina St., San Francisco; structural steel to Herrick Iron Works, 18th and Campbell Stst., Oakland.

TO ASK BIDS
LOS ANGELES, Cal.—Los Angeles board of education has adopted specifications and will call for bids soon for school painting work as follows: Administration building, cafeteria and boys' and girls' physical education building at Huntington Park high school, 6020 Miles Ave., Huntington Park, estimated cost $5400; Building No. 1 at Virginia Road school, 2925 Virginia Road, estimated cost $1200; shop building at Phineas Banning high school, 1500 Avalon Blvd., Wilmington, estimated cost $500; shop buildings No. 2 and No. 3 at John C. Fremont high school, 7676 S. San Pedro St., estimated cost, $1000; main building (painting and miscellaneous work) at Bell high school, 4328 Bell Ave., Bell, estimated cost $9000. Specifications were prepared by the architectural section of the board, A. S. Nibecker, Jr., architect, 1425 S. San Pedro Street.

LOW BIDDER
POMONA, Los Angeles Co., Calif.—L. F. Dow Co., 422 Board of Trade Bldg., Los Angeles, submitted the low normal bid to Pomona board of education at $107,347, for the construction of a building for the Abraham Lincoln elementary school, Garey St. and Jefferson Ave., Pomona, a PWA project. Marston & Maybury, architects, 25 S. Euclid Ave., Pasadena. 15 chitects.

BIDS WANTED
LOS ANGELES, Cal.—Until Jan. 31 2 p. m., bids will be received by L. A. board of education purchasing division, 1425 South San Pedro Street, for school painting work as follows: Bldg. No. 1 at Virginia Road School, 2925 Virginia Road; main building (painting and miscellaneous work) at Bell high school, 4328 Bell Avenue, Bell; shop bldg. at Phineas Banning high school, 1500 Avalon Blvd., Wilmington; shop buildings No. 2 and No. 3 at John C. Fremont high school, 7676 S. San Pedro St. Specifications were prepared by the architectural section of the board; A. S. Nibecker, Jr., archiect, 1425 S. San Pedro St.

BIDS WANTED
LOS ANGELES, Cal.—Until Feb. 4, 2 p. m., bids will be received by L. A. board of education purchasing division, 1425 South San Pedro Street, for the reconstruction, strengthening and rehabilitation of the auditorium and boiler room (including the arcade to liberal arts building) at Geo. Washington high school, 10,860 S. Denker Ave. Cost, $60,000. Eugene Weston, Jr., 502 Architects' Bldg., architect, and Oliver G. Bowen, 1144 S Grand Ave., structural engineer.

BIDS WANTED
LOS ANGELES, Cal.—Until Feb. 5, 2 p. m., bids will be received by L. A. board of education purchasing division, 1425 South San Pedro Street, for a boys' and girls' reinforced concrete physical education building (48x150 ft.) to be erected at Mount Vernon junior high school, 4066 W. 17th St. Cost, $50,000. John C. Austin and Frederic M. Ashley, architect; G. H. Schulte, 608 Chamber of Commerce Building, structural engineer, and O. W. Ott, Washington Blvd., mechanical engineer.

COMMISSIONED TO PREPARE PLANS
ARCADIA, Los Angeles Co. Calif.—Architect Paul Kingsbury, 516 North Gower St., Los Angeles, and Structural Engineer Steve Barnes, 803 W. Third St., Los Angeles, have been commissioned by Arcadia City School District to prepare plans for a classroom addition and a separate kindergarten building to be built at the Holly Avenue school, Duarte Rd. and Holly Ave., Arcadia. Both structures will be built of reinforced concrete, the addition to contain an assembly room and two classrooms. Total estimated cost $50,000. Plans will be submitted to the WPA with an application for partial financing.

Awards Recommended
GYMNASIUM Cost, $241,000
TULARE, Tulare Co., Calif.
Two new classroom buildings and repairs to gymnasium and central heating plant.
Owner—Tulare High School District (W. B. Knokey, Supt. of Schools)
Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor—Midstate Const. Co., and W. J. Ochs, Power Bldg., Fresno, $154,103.
Plumbing—Scott Co., 243 Minna St., San Francisco, $22,254.
Electric—American Electric Const. Co. 462 Bryant Street, San Francisco. Complete bids published Jan. 13.

BIDS WANTED
LOS ANGELES, Cal.—Until February 3, 2 P. M., bids will be received by Los Angeles Board of Education Purchasing Division, 1425 S. San Pedro St., for reconstruction, rehabilitation and strengthening of the main building at Thirty-ninth Street School, Corner of 39th St. and Fifth Ave. Cost, $38,000. Charles M. Hutchinson, 1132 Central Bldg., Architect, and William Mellema, 1661½ Beverly Blvd., Structural Engineer.

Plans Being Prepared
AUDITORIUM Cost, $30,000
PLACERVILLE, Eldorado Co., Calif.
One-story frame and stucco auditorium and two classroom addition to grammar school (70x100 feet) steam heating system, steel sash.
Owner — Placerville Grammar School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.

BIDS WANTED
LOS ANGELES, Cal.—Until Jan. 31, 2 P. M., bids will be received by Los Angeles Board of Education Purchasing Division, 1425 S. San Pedro St., for the reconstruction, strengthening and rehabilitation of the 1926 portion of the main building at Ninety-seventh Street school, 400 West 97th St. Cost, $50,000. Paul C. Pape, 2153 N. Highland, Architect, and David H. Merrill, 580 I. W. Hellman Bldg., Structural Engineer.

BIDS WANTED
LOS ANGELES, Cal.—Until Jan. 30, 2 P. M., bids will be received by Los Angeles Board of Education Purchasing Division, 1425 S. San Pedro St., for the reconstruction, strengthening and rehabilitation of the main brick building at Belvedere Elementary School, 3724 E. First St. Cost, $67,000. Train & Cressey, 226 Third and Hills Bldg., Architects, and Laurence J. Waller, 931 Micheltorena St., Structural Engineer.

Contract Awarded.
HIGH SCHOOL Cont. Price, $164,861
ARBUCKLE, Colusa Co., Calif.
One-story reinforced concrete high school (10 classrooms, auditorium to seat 750, gymnasium, shop) flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.
Owner—Pierce Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor—James L. McLaughlin, 251 Kearny St., San Francisco.

Sub-Contracts Awarded.
SCHOOL Cont. Price, $53,898
WALNUT GROVE, Sacramento Co.
One-story frame and stucco grammar School (7 classrooms and assembly to seat 320).
Owner—Walnut Grove School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—Petersen & Steinbrenner, Sacramento.
Plumbing—Luppen & Hawley, 3126 J Street.
Electric Wiring — Reliable Elevator Works, 619 California Street.
Heating—Luppen & Hawley, 3126 J Street.
Sheet Metal—Frank Z. Ahl, 1615 21st Street.
Tile Work—H. P. Fischer Tile & Marble Co., 1219 J Street.
Glass—W. P. Fuller & Co.
Lumber—Noah Adams Lumber Co., Walnut Grove.
Wood Sash—Universal Window Co., Berkeley.
Window Shades—General Seating Co., 160 Second St., San Francisco.
All of Sacramento unless otherwise noted.

Contract Awarded.
SCHOOL Cont. Price, $18,770
NAPA, Napa Co., Calif.
One-story reinforced concrete elementary school (two classrooms and auditorium to seat 200).

Owner—Mt. George Union Elementary School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor — John E. Branagh, 116 Monticello Ave., Piedmont.

Bids Opened

RECON. SCHOOL Cost, $75,000
SAN LEANDRO, Alameda Co., Calif.
Reconstruct McKinley and Washington Schools (enlarge auditorium, etc.)
Owner—San Leandro School District.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Low Bidder — Carl N. Swenson, 355 Stockton Ave., San Jose.
Complete bids follow:
(1) McKinley School.
(2) Washington School.
(3) Combined bid for both schools.

(A) Carl N. Swenson, San Jose	(1)	$34,971
	(2)	35,648
	(3)	69,619
(B) W. G. Thornally, Oakland	(1)	$39,940
	(2)	.....
	(3)	.....
(C) S. J. Berteisen and J. J. Moore, Piedmont	(1)	$ .....
	(2)	38,467
	(3)	.....
(D) Fred J. Early, Jr., San Francisco	(1)	$40,187
	(2)	44,755
	(3)	84,500

Unit prices follow:
(1) ded. for salvage materials (McKinley School);
(1a) do for Washington School;
(2) dirt excavation, per c.y.;
(3) concrete excavation, per c.y.;
(4) concrete per c.y.;
(5) concrete forms, per sq. ft.;
(6) reinforcing steel, per lb.;
(7) plastering, per yd.;
(8) kalsomining, per yd.;
(9) washable paint, per yd.

	(A)	(B)	(C)	(D)
(1)	$100.00	$ 1.00	$	$200.00
(1a)	100.00	.....	1.00	200.00
(2)	1.25	2.50	3.00	3.50
(3)	5.00	19.50	30.00	20.00
(4)	11.00	10.00	15.00	12.00
(5)	.15	.14	.16	.15
(6)	.05	.046	.05	.05
(7)	1.00	.80	1.00	1.50
(8)	.21	.18	.18	.20
(9)	.41	.387	.35	.35

Recommendation made to the PWA that contract be awarded to Carl N. Swenson at $69,619.

Contract Awarded.

SCHOOL Cont. Price, $28,971
ELK GROVE, Sacramento Co., Calif.
One-story brick and steel grammar School.
Owner — Elk Grove Union Grammar School District (E. V. Polhemus, Clerk).
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.

Contract Awarded

GYMNASIUM Cont. Price, $43,274
TUOLUMNE, Tuolumne Co., Calif.
One - story reinforced concrete high school gymnasium.
Owner—Summerville High School Dist.
Architect—Frank V. Mayo, 108 East Miner Street, Stockton.
Contractor—Wm. Buck & Sons, 57 E. Geary St., Stockton.

Sub-Contracts Awarded.

SCHOOL Cont. Price, $132,000
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Structural Engineer — Walter Huber Crocker First Nat'l. Bank Bldg.,
Electrical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Contractor—Anderson & Ringrose, 320 Market St., San Francisco.
Reinforcing Steel—Gunn Carle & Co., 20 Potrero Ave., $19,946.
Structural Steel — Fair Mfg. Co., 617 Bryant St., $1176.
Brick Work — Martin Nelson, 2847 Army St., $3472.
Mill Work — Anderson Bros. Planing Mill & Mfg. Co., Quint and Custer Streets, $2,643.
Folding Partitions — Price Building Specialties Co., 683 Howard St., $2296.
Blackboards and Cork Pin Strips—Fred E. Turner, 557 Market St., $921.85.
Furring, Lathing and Plastering—Leonard Bosch, 621 Union Street, $5041.
Roofing—Malott & Peterson, 20th and Harrison Sts., $818.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard St., $1221.
Steel Windows—Truscon Steel Co., 604 Mission St., $12,386.
Glass & Glazing—Habenicht & Howlett, 529 Clay St., $2561.
Metal Lockers — W. H. Schick Products Co., 135 Tehama St., $2575.
Metal Toilet Drains—Ebco Mfg. Co., 582 Market St., $214.
Miscellaneous Metal Work—Monarch Iron Works, 262 7th St., $7230.
Marble—Joseph Musto Sons - Keenan Co., 575 North Point St., $752.
Tile—American Art Tile Co., 231 Franklin St., $2475.
Window Shades—D. N. & E. Walter Co., 562 Mission St., $238.80.
Painting—H. A. Ankers, 22 Lexington St., $3800.
Lamonite Floors — Acme Floor Co., 1051 Mission St., $1164.
(For Alternate No. 5)
Electric—Delatour Electric Co., 666 Mission St., $665.
Plumbing—Herman Lawson Co., 465 Tehama St., $485.
Window Hardware — Universal Window Co., 950 Parker St., Berkeley, $1786.

As previously reported, mechanical equipment and plumbing awarded to Herman Lawson, 465 Tehama St., at $24,880 and electrical contract to Lynn & Heffernan, 114 Ashton Ave., at $27,740.

Bids Rejected.

GYMNASIUM Cost $60,091
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.

Plans will probably be revised and new bids asked at a later date.

Lowest bid was submitted by C. L. Wold Constr. Co., San Francisco, at $79,855 on the general work. United Electric at $1261 low on electrical work and M. J. Reeves Heating Co. at $11,136 low on mechanical work.

Bids Wanted—To Close February 4.

SCHOOL Cost, $49,000
CAMBRIA, San Luis Obispo Co., Cal.
One-story frame school building.
Owner—Cambria School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Plans and specifications may be obtained from the architect.

Bids Wanted—To Close January 31.

SCHOOL Cost, $18,000
CAYUCOS, San Luis Obispo Co., Cal.
One-story frame school building.
Owner—Cayucos School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Plans and specifications may be obtained from the architect.

BIDS WANTED

HAYWARD, Alameda Co., Cal.—Until February 3, 1:30 P. M., bids will be received by Jacob Harder, Jr., Clerk Hayward School District, for furnishing finish millwork to be used in the reconstruction of the new John Muir School building to be located at Orchard Ave. and Soto Road, Hayward.

Specifications may be obtained from the Clerk of the Board, 1074 C Street, Hayward.

CONTRACT AWARDED

SAN FRANCISCO—Phoenix Day Co. 729 Mission St., at $1,759 awarded the contract by the Department of Public Works for electrical fixtures for the auditorium of the Girls' High School, Scott and O'Farrell Streets.

Low Bidder

ADDITION Cost, $——
MILWAUKIE, Oregon.
Junior high school and gymnasium addition to Ardenwald School.
Owner—School District No. 1 (A. M. Gray, Chairman).
Architect—L. L. Dougan, Studio Bldg. Portland.
Low Bidder—Jos. H. Anderson, 3132 NE 69th St., Portland, $88,000.

Sub-Contracts Awarded.

GYMNASIUM Cont. Price, $37,228
RED BLUFF, Tehama Co., Calif.
Gymnasium for high school.
Owner—Red Bluff Union High School District.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor—N. H. Sjoberg & Son, 5604 E-16th St., Oakland.
Lumber — Sterling Lumber Co., Red Bluff.
Steel Sash—Detroit Steel Products Co. 1319 63rd St., Oakland.
Toilet Partitions — Dwan & Co., 126 Post St., San Francisco.
Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.
Reinforcing Steel—Truscon Steel Co., Atlas Bldg., San Francisco.
Structural Steel, Miscellaneous and Ornamental Iron—Independent Iron Works, 821 Pine St., Oakland.
Finish Hardware — Associated Hardware Co., 3864 San Pablo Ave., Oakland.
Blackboards and Cork Carpet — Fred E. Turner Co., 557 Market St., San Francisco.
Wood Trusses—Summerbell Truss Co., 354 Hobart St., Oakland.
Glass & Glazing — Cobbledick Kibbe Co., 301 Washington St., Oakland.
Roofing — Sierra Roofing Co., 137 Broadway, Chico.
Finish Floors — Regal Floor Co., 666 Mission St., San Francisco.
Painting—Mark A. Miller, 3664 Madrone Ave., Oakland.
Electric—Cox Electric Co., Red Bluff.
Plumbing, Heating and Sheet Metal—Allen & Allen, Red Bluff.
Concrete Plastering and Brick Work O'Connor Bros., Red Bluff.

Contract Awarded.

SCHOOL Cont. Price, $23,800
LAKE COUNTY, Burns Valley.
One-story frame and stucco grammar school (3 classrooms and assembly hall).
Owner—Burns Valley School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—A. O. Lightford, Upper Lake.

Sub-Contracts Awarded.
SCHOOL Cont. Price, $78,402
SAN RAFAEL, Marin Co., Cal. 4th and E Streets.
One-story frame and stucco grammar school (ten classrooms and auditorium to seat 500).
Owner—San Rafael School District.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.
Contractor—DeLuca & Son, Inc., 1745 Filbert St., San Francisco.
Reinforcing Steel — W. S. Wetenhall, 17th and Wisconsin Sts., S. F.
Mill Work — Anderson Bros. Planing Mill, Quint and Custer Sts., San Francisco.
Window Hardware—Dalmo Mfg. Co., 511 Harrison St., San Francisco.
Finish Hardware—J. B. Rice and Co., San Rafael.
Plastering — Cliff Jackson, San Anselmo.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard St., San Francisco.
Toilet Partitions—Geo. W. Holmes.
Miscellaneous and Ornamental Iron—Modern Iron Works, 2247 Folsom St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Asphalt Tile—Western Asbestos Co., 675 Townsend St., San Francisco.
Shades—W. R. Knight, 557 Market St., San Francisco.
Roofing—Booth & Little, Larkspur.
Painting — W. G. Thompson, 336 Church St., San Francisco.
Plumbing and Heating—Scott Co., 243 Minna St., San Francisco.
Electric—L. H. Leonardi, San Rafael.
Blackboards and Pinning Strips—Rucker Fuller Co., 539 Market St., San Francisco.
Stairs—J. DiCristina, 3150 18th Street, San Francisco.

Plans Being Completed.
CLASSROOM UNIT Cost, $——
SACRAMENTO, Sacramento Co., Cal. Junior College Compus.
Brick classroom unit (25 classrooms) (second unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Bids will be asked in about one week.

Plans Being Prepared.
ALTERATIONS Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. 1011 Ninth Street.
Alterations and additions to Rosemont Cafe (new front, alter interior, etc.)
Owner—Rosemont Grill (Geo. Lucich, Proprietor), Sacramento.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

Plans Being Revised.
SCHOOL Cost, $22,000
TRUCKEE, Nevada Co., Calif.
One-story frame and stucco elementary school (3 classrooms and auditorium).
Owner—Truckee School District.
Architect—Masten & Hurd, 233 Post St., San Francisco.
New bids will be asked shortly.
On previous bid opening only bid was submitted by William Martin, 666 Mission St., San Francisco, at $44,000.

To Ask Bids Immediately
RECONST. SCHOOL Cost, $——
ALAMEDA, Alameda Co., Calif. 2130 Central Avenue.
Reconstruction of high school auditorium.
Owner—Alameda City School District.
Structural Engineers—L. H. Nishkian, 525 Market St.; Earl Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.
Architect—Carl Werner, 1303 Bay St., Alameda.
Grant of $45,000 approved by PWA. Bids will be asked immediately.

BIDS WANTED
BREA, Orange Co., Cal.—Until Feb. 7, 7:30 P. M., new bids will be received by Brea Elementary School District for the reconstruction, rehabilitation and strengthening of the main building at Brea grammar school Brea, a PWA project. Cost, $90,357. T. C. Kistner, 814 Architects' Bldg., Los Angeles, architect.

BIDS WANTED
GLENDALE, Los Angeles Co., Cal. —Until February 11, 2 P. M. (bids to be opened at 4 P. M., that day) bids will be received by Glendale board of education, 411 E. Wilson St., Glendale, for the construction of a new junior college plant at 1500 N Verdugo Road, a PWA project. Certified or cashier's check or bond for 5% must accompany each bid. Plans and specifications may be obtained at the office of the board upon deposit of $25. Cost, $300,000. Geo. M. Lindsey, 6305 Yucca Street, Hollywood, architect.

BIDS WANTED
WHITTIER, Los Angeles Co., Cal. —Until February 3, bids will be received by the Whittier Union High School District for rebuilding the cafeteria building at Whittier High School, a PWA project. The work will consist principally of reinforcing the present brick structure with a steel frame. Cost $50,000. R. L. Warren, Emporium Bldg., Whittier, architect.

BIDS WANTED
PARKER, Ariz.—Until February 3, 1 P. M., bids will be received by the Northern Yuma County Union High School District for the construction of an auditorium and classroom bldg. to be erected in Parker. Plans and specifications may be obtained from Roy Place, 11 E. Pennington Street, Tucson, Ariz., upon deposit of $15. Cost, $35,000.

Planned
AUDITORIUM Cost, $——
NIPOMO, San Luis Obispo Co., Cal. School auditorium.
Owner—Nipomo School District.
Architect—Not Given.
An election will be held in the near future to vote bonds to finance the proposed structure.

CONTRACT AWARDED
LOS ANGELES, Cal.—Blystone and Van Tuyle, 136 Walnut Street, Brea, awarded contract by the Los Angeles board of education at $52,100 for construction of a one-story building at Lorena Street school, 1015 S. Lorena St. A. S. Nibecker, Jr., architect, 1425 S. San Pedro St., architect.

Low Bidders.
GYMNASIUM Cost, $115,000
WALLA WALLA, Washington.
Physical Education Building (122x170 ft.) separate gyms for boys and girls; boys' gym. to have seating accommodations for 1800 was provisions for collapsible seats; offices under balcony.
Owner—Walla Walla School Dist. (W. M. Kern, Supt. of Schools).
Architect—John Maloney, Larson Bldg. Yakima.
Low Bidder—Colonial Const. Co., 326 First St., Spokane, $96,597.
Plumbing and Heating — W. R. O'Rourke, 109 S. 2nd St., Walla Walla, $6,548.
Electric—Estep Electric Co., 717 West Yakima, $3,268.

Contracts Awarded
ADDITION Cost, $60,000
MONTESANO, Washington.
Addition to high school.
Owner—School District No. 100, Montesano.
Architect—F. A. Naramore, Central Building, Seattle.
Contractor—David Stone and Earl W. Anderson, 110 N Montgomery Avenue, Bremerton, $34,933.
Plumbing, Heating and Ventilating—Gehri Plumbing & Heating Co., Tacoma, $12,384.
Electric—Thomas Electric Shop, Montesano, $2,177.

CONTRACT AWARDED
LOS ANGELES, Cal.—Harry F. Miller, 1908 West 75th St., awarded contract by Los Angeles board of education at $57,515 for the construction of a new one-story school building at the 68th Street School, 612 West 68th St. A. S. Nibecker, Jr., architect, 1425 S. San Pedro Street.

Contracts Awarded
ADDITION Cost, $139,821
YAKIMA, Washington.
High school addition; auditorium (153x72 ft.) with balcony; reinforced concrete construction; full basement, including ventilating equipment and dressing rooms; addition to 3rd floor (280x80 ft.) brick walls and wood floors.
Owner—Yakima School District.
Architect—John Maloney, Larson Bldg. Yakima.
Contractor—Wm. McCulloch, Yakima, $40,550.
Plumbing & Heating—Westlake Plbg. & Heating Co., 6323 Ravena St., Seattle, $9,455.

NEW BIDS WANTED
SANTA MARIA, Santa Barbara Co., Cal.—Until February 3, 5 p. M., new bids will be received by Santa Maria Union High School District for the construction of a Junior College building, consisting of a first unit and a science wing, in Santa Maria, a PWA project. Plans and specifications may be obtained from Architect E. Keith Lockard, 117 E De la Guerra St., Santa Barbara, upon deposit of $10. Certified or cashier's check or bond for 5% must accompany each bid. Cost of the structure is estimated at $50,000. Bids received for this work on December 2 were rejected.

CONTRACT AWARDED
POMONA, Los Angeles Co., Cal.—O. H. Strauser, 900 Dawson Avenue, Long Beach, awarded contract by Pomona Board of Education, at $106,541 (using certain alternates), for the construction of a new building for the Abraham Lincoln Elementary School at Garey St. and Jefferson Ave., Pomona, a PWA project. The contract has been forwarded to the PWA for approval and construction is expected to get under way within a few days. The building will contain eleven classrooms, an auditorium to seat 300 persons, cafeteria and offices. Marston & Maybury, 25 S. Euclid Avenue, Pasadena, Architects.

BONDS VOTED
AVENAL, Kings Co., Cal.—Reefe-Sunset Elementary School District voted bonds in the amount of $20,000 January 15. Proceeds to finance construction of an addition to the Elementary School in Avenal.

Plans Completed
ADDITION Cost, $20,000
SANTA ROSA, Sonoma Co., Calif.
Reinforced concrete addition to high school bldg. (add four classrooms)
Owner—Santa Rosa Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Application filed with the WPA and upon approval construction will start.

Award Recommended
GYMNASIUM Cost, $60,000
AUBURN, Placer Co., Calif.
One-story steel-concrete gymnasium.
Owner—Placer Union High School District.
Architect—W. E. Coffman, Forum Building, Sacramento.
Contractor—J. C. Meyers, Rte. 1, Box 439, Stockton.
Complete bids follow:
(1) deduct for omitting entire heating plant;
(2) deduct for omitting movable bleachers and basketball stops;
(3) deduct for omitting interior painting;
(4) deduct for omitting public address system;
(5) deduct for omitting dressing rooms and shower rooms;
(6) deduct for omitting entire interior plaster;
(7) deduct for omitting exterior plaster;
(8) deduct for omitting laminite flooring in gymnasium;
(9) add if used lumber is not used;
(10) deduct if hot water system, piping, oil burners, storage tanks, etc. is omitted.

J. C. Meyers, Stockton		$ 93,600
	(1)	5,817
	(2)	3,522
	(3)	1,343
	(4)	389
	(5)	3,348
	(6)	3,421
	(7)	3,412
	(8)	2,429
	(9)	400
	(10)	12,635
Meyer Bros., S. F.		$ 94,740
	(1)	6,170
	(2)	3,570
	(3)	1,348
	(4)	315
	(5)	2,799
	(6)	2,600
	(7)	926
	(8)	1,837
	(9)	315
	(10)	7,651
Villadsen Bros., Piedmont		$ 98,400
	(1)	4,937
	(2)	3,131
	(3)	1,800
	(4)	303
	(5)	3,408
	(6)	3,000
	(7)	679
	(8)	2,550
	(9)	280
	(10)	7,988
A. Nelson, Inc., S. F.		$109,625
	(1)	4,800
	(2)	2,900
	(3)	300
	(4)	450
	(5)	3,000
	(6)	4,000
	(7)	2,900
	(8)	2,000
	(9)	150
	(10)	7,250

Recommendations made to the PWA that contract be awarded to J. C. Meyers at $58,626, accepting Alternates 1, 2, 4, 5, 6, 7, 8 and 10.

BONDS VOTED
BAKERSFIELD, Kern Co., Calif.—Kern County Union High School District voted bonds in the amount of $200,000 January 17 to finance construction of a junior high school in East Bakersfield estimated to cost $50-000 and construction of classroom bldg. and girls' gymnasium at the Bakersfield High School plant, estimated to cost $150,000.

BONDS VOTED
NEAR BAKERSFIELD, Kern Co., Cal.—Rosedale School District voted bonds in the amount of $30,000 Jan. 17 to finance the district's share of the cost of proposed improvements at the Rosedale grammar school, located approximately eight miles west of Bakersfield. Total cost of the project, which will include the construction of five new one-story, frame and stucco units and alterations to existing building, is estimated at $85,000. An application for additional funds has been filed with WPA. Perrine & Mackie; Herbert E. Mackie, 908 Western Pacific Bldg., Los Angeles, architects.

New Bids Wanted—To Close Feb. 4, 7 P. M.
AUDITORIUM Cost, $——
OILDALE, Kern Co., Calif.
One - story reinforced concrete auditorium (to seat 1500).
Owner—Standard School District.
Architect—Charles H. Biggar, Haberfekle Bldg., Bakersfield.
Engineer—L. H. Nishkian, 525 Market Street, San Francisco.
Plans and specifications may be obtained from the architect. On previous bid opening lowest bid was submitted by Opperman & Kampe, Box 414, Bakersfield, at $117,989.

To Ask Bids Shortly
ADDITIONS Cost, $32,454
GRAND COULEE, Washington.
Eight-room addition to Grand Coulee School ($23,342) two-room addition to Osborne School ($7,873).
Owner—Grand Coulee School District (A. D. Roberts, chairman).
Architect—Not Given.
Bids will be asked shortly.

CONTRACT AWARDED
SAN FERNANDO, Los Angeles Co., Calif. — Brunzell and Jacobsen, 2150 Princeton Ave., Los Angeles, awarded contract by Los Angeles board of education at $62,790 for the construction of a one-story school building at San Fernando school, corner of Mission Blvd. and Mott St., San Fernando. A. S. Nibecker, Jr., architect, 1425 S. San Pedro St., Los Angeles.

BIDS WANTED
LOMPOC, Santa Barbara Co., Cal.—Until February 3, 7:30 P. M., bids will be received by Lompoc Union School District for the construction of an auditorium and classroom addition to the Lompoc Grammar School, a PWA project. Plans and specifications may be obtained from the architects, E. Keith Lockard, 117 E. De la Guerra St., Santa Barbara, upon deposit of $10. Certified or cashier's check or bond for 5% must accompany each bid.

BIDS WANTED
LOS ANGELES, Cal.—Until Feb. 3, 7 P. M., (bids to be opened at 8 P. M. on that day), bids will be received by Cypress School District at the Cypress School, located on Lincoln Ave. west of Anaheim for the construction of a new school building, a PWA project. Plans and specifications may be obtained at the office of the architects, W. Horace Austin and H. C. Wildman, Spurgeon Bldg., Santa Ana, upon deposit of $25. Cost, $30,000.

Sub-Contracts Awarded.
SHOP AND GARAGE
Contract Price, $30,200
SEBASTOPOL, Sonoma Co., Cal. Sebastopol High School grounds.
One - story reinforced concrete shop building.
Owner—Analy Union High School District (B. Best, Clerk).
Architect—Louis S. Stone and Henry C. Smith, 785 Market Street, San Francisco.
Contractor—A. Nelson, Inc., 242 Ocean Ave., San Francisco.
Reinforcing Steel—Pacific Coast Steel Co., 20th and Illinois Sts., San Francisco.
Miscellaneous Iron — Anchor Post Fence Co., 460 5th St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Overhead Doors—C. J. Waterhouse, 55 New Montgomery St., S. F.
Metal Toilet Partitions — Trask & Squires, 39 Natoma St., S. F.
Plumbing and Sheet Metal — Frank Davison, 375 Monterey Blvd., San Francisco.
Electric—San Carlos Electric Co., San Carlos.
Painting—A. A. Zelinsky, 3011 Steiner St., San Francisco.
Mill Work—Smith Planing Mill, Sebastopol.
Steel Windows—Detroit Steel Products Co., 111 Sutter St., S. F.
Roofing—J. W. Davenport, San Rafael.

Contract Awarded.
ADDITION Cont. Price, $64,925
ELK GROVE, Sacramento Co., Calif.
Brick, concrete and steel addition to high school (science building and boiler room).
Owner—Elk Grove Union High School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.

16—BANKS, STORES AND OFFICES

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 319-29 Front Street.
Alterations to store.
Owner—Mrs. Aphra West, 137 9th Ave. San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO—NO. 1126 Valencia Street.
Alterations to store building.
Owner—Chas. M. Hinckman, 565 So. 14th Street, San Jose.
Architect—Not Given.
Contractor — John Harder, 870 39th Ave., San Francisco.

To Be Done By Day's Work.
STORE Cost, $3000
OAKLAND, Alameda Co., Cal. No. 1925 73rd Avenue.
Owner—M. Silva, 1927 73rd Avenue, Oakland.
Architect—Not Given.

Structural Steel Bids Being Taken.
ALTERATIONS Cost, $70,000
SAN FRANCISCO. Seventh and Daggett Streets.
Alterations and additions to building for offices, etc. (steel frame, concrete floors, new elevator, steel sash, toilet facilities, transite siding on exterior, etc.)
Owner—Glidden Paint Co., 1300 7th St.
Engineer—T. Ronneberg, Crocker Building.
Bids on other portions of the work will be asked at a later date.

Contract Awarded
ALTERATIONS Cost, $——
STOCKTON, San Joaquin Co., Calif. NE Charter Way and Aurora St.
Alterations to building (offices, etc.)
Owner—Jefferson Life Insurance Co. of Louisiana.
Architect—Not Given.
Contractor—H. W. Johnson, 1229 West Magnolia, Stockton.

PLUMBING CONTRACT AWARDED
SACRAMENTO, Cal.—K. E. Parker Co., 135 South Park, San Francisco, awarded the plumbing contract to Hateley & Hateley, 1714 10th Street, Sacramento, at $4805 for the con-

struction of the three-story store building under construction for the Montgomery Ward Co. on Ninth and K Streets, Sacramento.

January 22, 1936

Contract Awarded.
STORE Cost, $——
DENAIR, Stanislaus Co., Calif.
One-story frame store building (24x 50 feet).
Owner—W. F. Moore, Denair.
Architect—Not Given.
Contractor—Tornell & Anderson, Turlock.

Planned.
OFFICE, SHED AND WAREHOUSE Cost, $3500
STOCKTON, San Joaquin Co., Calif. Fremont and Monroe Streets.
One-story frame office building (30x40 feet); lumber shed (32x120 feet), and warehouse (30x50 feet).
Owner — Ruse Blair Lumber Co., Stockton.

To Be Done By Day's Work.
OFFICE & SHOP Cost, $10,000
SAN FRANCISCO. W Sixth Street 225 N Brannan Street.
One-story Class C concrete office and shop.
Owner and Builder — Louis Johnson, 666 Mission Street.
Engineer—H. A. Emmvica, 1280 Indiana Street.

Bids Rejected
MARKET & OFFICES Cost, $——
SAN FRANCISCO. Columbus Avenue and Green Street.
Two-story and basement market and office building (first floor of reinforced concrete, 2nd floor of steel frame and wood joists.)
Owner—J. Capurro.
Architect—M. J. Rist, Phelan Bldg.
Plans will be revised and new bids asked within a week.

Plans To Be Prepared
ALTERATIONS Cost, $——
SAN RAFAEL, Marin Co., Calif. B and Fourth Streets.
Alterations and additions to bank bldg.
Owner—Bank of San Rafael (Wm. P. Murray, president).
Architect—H. H. Winner, Wordsworth Avenue, Ross.

Contract Awarded
ALTERATIONS Cost, $6,000
SAN FRANCISCO. 1214 Market St.
Alterations to restaurant.
Owner—Maison Paul Grill, premises.
Architect—Dodge A. Riedy, 821 Market Street.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Contract Awarded
CONVENT Cost, $60,000
SAN FRANCISCO. N Oak Street 125 E Fillmore Street.
Two-story reinforced concrete convent (25 rooms) roof garden covered with terra cotta tile, Spanish tile on the cornices, oak floors, steam heating and hot water system, colored plaster walls, etc.
Owner—Sacred Heart Parish.
Architect—John J. Foley, 770 5th Ave.
Contractor—Cahill Bros., 206 Sansome.

Plans Being Prepared.
ALTERATIONS Cost. $3000
SAN FRANCISCO. No. 1049 Market Street.
Remodel first floor of store building (new plaster and canvas walls, painting, redecorating, new elevator doors, new millwork, new fixtures, new entrance doors, etc.)
Owner—Sterling Furniture Co., Prem.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.

Plans Being Figured—Bids Close Jan. 24, 4:00 P. M.
STORE BLDG. Cost, $10,000
OAKLAND, Alameda Co., Cal. Lakeshore Boulevard.
Two-story Class C store building (50x 100 feet) plate glass front, steel trusses, tar and gravel roof, tile concrete walls, etc.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Following will submit bids:
Mark Bristol Co., Inc., 1038 McKinley Ave., Oakland.
E. S. Campomenosi, 6401 Broadway Terrace, Oakland.
Jensen & Pedersen, 3443 Adeline St., Oakland.
B. F. Wooley, 3933 Fruitvale Ave., Oakland.
Earl Walstrom, 1447 Excelsior Ave., Oakland.
J. B. Petersen & Sons, 4021 Agua Vista St., Oakland.
C. H. Thrams, 28 Home Place, Oakland.
John J. Moore, 354 Hobart St., Oakland.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 226 Kearny Street.
Alterations to store.
Owner—Cousins Investment Co., 200 Kearny Street.
Architect—Not Given.
Contractor—Fred W. Scheli, 1651 24th Avenue.

Planned.
IMPROVEMENTS Cost, $——
FAIRFIELD, Solano Co., Cal. Texas Street.
Alterations to buildings and construct new office building.
Owner—J. B. Olds and Joe Pimentel, Fairfield.
Architect—Not Given.
Further details will be announced at a later date.

PLANNED
ALHAMBRA, Los Angeles Co., Cal. —Montgomery Ward & Co., 221 East Main St., Alhambra, have leased an additional 50 feet of frontage in a building adjoining their present store in Alhambra and will fit the space up for their own use. C. E. Ryan is manager of the Alhambra store.

PLANS BEING FIGURED
LOS ANGELES, Cal.—Architects A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., are taking bids for a one- and two-story reinforced concrete market and store building (steel and wood trusses, etc.) to be erected on the southeast corner of Vermont Ave. and Sixth St. for Jos. Schenck.

Plans Being Completed.
AUTO BLDG. Cost, $——
SALINAS, Monterey Co., Cal. Abbott St., bet. Maple St. and Alameda Ave. (2 acre site).
Automobile sales building (offices, display quarters, shop, etc.) 60 foot frontage, shap to be 40 x 100 feet, (California style or architecture).
Owner—Johnson's Garages, Inc.
Architect — Chas. Butner, 51 Maple St., Salinas.
Bids will be asked in about one week.

Bids In—Held Under Advisement.
ESCALATORS Cost, $250,000
SAN FRANCISCO. Market Street near Fifth.
Furnishing and installing escalators to run from downstairs store to 4th floor.
Owner—The Emporium.
Plans by Engineering Dept. of Owner.

Sub-Contracts Awarded.
ADMIN. BLDG. Cont. Price, $140,781
SAN FRANCISCO. SE Bush & Stockton Streets.
Three - story reinforced concrete administration building for the San Francisco Bay Exposition.
Owner—City and County of San Francisco.
Architect—W. P. Day, Financial Center Building.
Contractor — Lindgren & Swinerton, 225 Bush Street.
Reinforcing Steel and Mesh — W. C. Hauck & Co., 280 San Bruno Ave.
Stairs—J. diCristina, 3150 18th St.
Mill Work — Pacific Mfg. Co., 454 Montgomery Street.
Window Fixtures—Daimo Sales Corp., 511 Harrison St.
Miscellaneous and Ornamental Iron—Monarch Iron Works, 262 7th St.
Lathing and Plastering—W. G. & A. Gilmour, 666 Mission St.
Glass, Mirrors and Glazing — W. P. Fuller Co., 301 Mission St.
Sheet Metal and Flashings — Guilfoy Cornice Works, 1234 Howard St.
Waterproofing — Horn Products Co., 557 Market St.
Plumbing and Heating—M. J. Reeves, 959 Natoma Street.
Electric and Electric Fixtures — Alta Electric & Mechanical Co., 467 O'Farrell St.
Terrazzo — California Terrazzo and Marble Co., 2085 San Bruno Ave.
Painting—Aristo Painting Co., 473 Bryant St.
Valut Doors—Hermann Safe Co., Howard and Main Sts.
Roofing and Dampproofing — J. W. Bender Roofing & Paving Co., 18th and Bryant Sts.
Magnesite Flooring and Base — Leroy Olson Co., 170 Hooper St.
Concrete Mix — Golden Gate Atlas Building Materials Co., 16th and Harrison Sts.

Plans Awaiting PWA Approval.
CLASSROOM UNIT. Cost, $75,000
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Brick classroom unit (17 classrooms) (second unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Plans approved by the Sacramento Board of Education and upon approval of the PWA, bids will be asked.

Contract Awarded
LAUNDRY Cost, $10,000
OAKLAND, Alameda Co., Calif. 6046 Claremont Avenue.
Two-story brick laundry (four rooms).
Owner—F. Bellaca, 6028 Claremont Ave., Oakland.
Architect—Not Given.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland.

Contract Awarded.
GYMNASIUM Cont. Price $58,626
AUBURN, Placer Co., Calif.
One-story steel-concrete gymnasium.
Owner — Placer Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor — J. C. Meyers, Route 1, 439, Stockton.
Complete bids published Jan. 21.

Plans Being Figured.
ALTERATIONS Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. 1011 Ninth Street.
Alterations and additions to the Rosemont Cafe (new front, alter interior, etc.)
Owner—Rosemont Grill (Geo. Lucich, Proprietor), Sacramento.
Architect—W. E. Coffman, Forum Bldg., Sacramento.

To Be Done By Day's Work.
OFFICES Cost, $3000
STOCKTON, San Joaquin Co., Calif. No. 302 West Fremont Street.
One-story office building.
Owner—O. D. Ruse and D. W. Blair, 1030 E. Charter St., Stockton.
Architect—Not Given.

Bids Opened.
STORE Cost, $7433
MONTE RIO, Sonoma Co., Calif.
One-story reinforced concrete store building (50x80 fet).
Owner—S. A. Bartlett.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Low Bidder—Jacob Lucas, Fulton St. Santa Rosa.
Complete bids follow:
Jacob Lucas, Santa Rosa.....$ 7,433
Wm. Bohn, Santa Rosa..... 8,750
D. Downey, Sebastopol..... 8,848
Robert McCarthy, S. F..... 8,878
Lindgren & Swinerton, S. F..... 10,051
Contract to be awarded to lowest bidder.

Plans Completed
ALTERATIONS Cost, $5,000
SAN FRANCISCO, 2221 Mission St.
Alterations to store and apartments.
Owner—Starlight Furniture Co., 2221 Mission Street.
Architect—F. W. Dakin, 625 Market.

17— THEATRES

Plans Being Revised
ALTERATIONS Cost, $——
NAPA, Napa Co., Calif. Main Street between First and Pearl Streets.
Alterations to old opera house for theatre.
Owner—Peters and Borg.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
New bids will be asked shortly.

COMPLETING PLANS
BEVERLY HILLS, Los Angeles Co. Cal.—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is completing working drawings for altering a theater building on Beverly Drive, Beverly Hills, for the Fox West Coast Theaters. Work will consist of changing the face of the building, lobby, etc. Cost, $40,000.

Plans Being Completed.
ALTERATIONS Cost, $——
ALAMEDA, Alameda Co., Calif.
Alterations to Strand Theatre (new lobby, remodel auditorium, marguee new display frames, new chairs, drapes, lighting fixtures, etc.)
Owner—Nasser Bros., 25 Taylor St., San Francisco.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Bids will be asked shortly.

Preparing Working Drawings.
ALTERATIONS Cost, $50,000
SAN FRANCISCO, Cole and Haight Streets.
Remodel Haight Theatre.
Owner—Golden Gate Theatre Co., 25 Taylor Street.
Architect—Mark Jorgensen, 321 Bush.

18— WHARVES & DOCKS

BIDS WANTED
SAN DIEGO, Cal.—Until January 30 11 A. M., bids will be received by Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for driving foundation piles at the Naval Operating Base (Marine Corps Base) San Diego. Spec. No. 8158. The work consists of furnishing of driver, equipment, labor and driving 72 concrete foundation piles, each 14 inches square and 25 feet long. The government will furnish the piles and will do such excavation work as may be required for advance preparation for driving the piles. Bidding data may be obtained from above office and from the Bureau of Yards & Docks, Washington, D. C., upon deposit of $10.00.

Contract Awarded.
REPAIR WHARVES Cost, $37,779
OLEUM, Contra Costa Co., Calif.
Repairs to wharves.
Owner—Union Oil Co., 220 Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Healy Tibbitts Constr. Co., 64 Pine St., San Francisco.

Contract Awarded
REPAIRS Cost, $11,975
SAN FRANCISCO, Ferry Terminal, foot of Mission Street.
Repairs to Slip No. 9.
Owner—Southern Pacific Golden Gate Ferries, Ltd., 65 Market Street.
Plans by Engineering Dept. of Owner.
Contractor—Duncanson-Harrelson Co., deYoung Building.

19—MISC. CONSTRUCTION

Plans Being Completed.
SWIMMING POOL & CLUB HOUSE Cost, $150,000
SACRAMENTO, Sacramento Co., Cal. McKinley Park.
Reinforced concrete swimming pool (65x165 feet) and club house.
Owner—City of Sacramento.
Architect—Harry Devine Cronan Bldg. Sacramento.
Bids will be asked in about 1 week.

Bids Wanted—To Close Feb. 13, 8 P.M.
SWIMMING POOL & CLUB HOUSE Cost, $150,000
SACRAMENTO, Sacramento Co., Cal. McKinley Park.
Reinforced concrete swimming pool (65x165 feet) and club house.
Owner—City of Sacramento.
Architect—Harry Devine, Cronan Bldg. Sacramento.

Planned
IMPROVEMENTS Cost, $15,000
LIVERMORE, Alameda Co., Cal. Rodeo Grounds.
Improvements to rodeo grounds (work includes construction of box seats, new roof on granustand, lighting equipment, etc.)
Owner—City of Livermore.
Architect—Not Given.
Application filed with the WPA.

BIDS WANTED
LINCOLN COUNTY, Nevada.—Until February 5, 4 P. M., bids will be received by the Pioche Power District, Pioche, Nev., for constructing 155 mi. of high tension power transmission line from the Boulder power plant substation to the Prince Substation near Pioche, Lincoln County, of wood pole H-frame type, and for the construction of 54 miles of single, wood pole type, feeder lines in Lincoln Co. The cost is estimated at $900,000. This is a PWA job and the plans have been approved by J. L. Vandiver, P W A engineer for Nevada. The contractors will furnish all labor and materials. J. H. Beuhler is president and A. W. Thomas, secretary, of the district.

Marble Contract Awarded
ADDITION Cost, $80,000
SEATTLE, Wash. Acacia Memorial Park, 15,000 Victory Way.
Addition to mausoleum.
Owner—Acacia Memorial Park Assn. (F. H. Burnaby, President).
Architect—Carl Siebrand, 5016 21st Ave. NE, Seattle.
Contractor — Daily Const. Co., Lloyd Bldg., Seattle.
Marble—Robinson Tile & Marble Co., 600 Eighth Ave. N., Seattle.
Bids are now being taken on the plumbing, roofing, skylights, plastering and painting.

NOTICE OF SALE
SAN FRANCISCO — Director of Property, Joseph J. Phillips, will sell at public auction on January 27, 9:30 A. M., to the highest cash bidder the following City owned buildings located in San Francisco:
Portable bungalow building in yard of Patrick Henry School, East side of Vermont St., between 18th and 19th Sts. Sale at 9:30 A. M., Monday, Jan. 27, 1936.
Old Visitacion Valley School Building, at Visitacion Ave. and Schwerin St. Sale at 10:00 A. M., Monday, January 27, 1936.

Plans Being Figured—Bids Close Feb. 8th.
GRANDSTAND Cost, $110,000
PULLMAN, Washington. State College Campus.
Grandstand (105x390 feet) structural steel roof, frame exterior, built-up roofing, fir flooring, etc.; seating capacity of 2800).
Owner—State of Washington.
Architect—Stanley A. Smith ,Pullman

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED
OAKLAND, Cal.—Oakland Plumbing & Supply Co., 4th and Harrison Sts., at $5,585 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L. S. 163, for furnishing 50,000 l.f. of ¾-in. seamless copper tubing.

CONTRACT AWARDED
SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, Burrell Bldg., San Jose, awarded contract by the San Jose City Council for furnishing asphalt concrete paving materials for the balance of the fiscal year ending November 30, 1936.

CONTRACT AWARDED
SAN FRANCISCO — Enterprise Foundry Corp., 2902 19th St., San Francisco, at $7508.70 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1474 for furnishing street lighting standards.

CONTRACT AWARDED
SAN FRANCISCO—General Engineering & Dry Dock Co., 1100 Sansome St., San Francisco, at $1452.30 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1468, for furnishing gate valves for the Water Department.

BIDS OPENED
CARMICHAEL, Sacramento County, Calif.—Sacramento Pipe Works, 16th and North B Streets, Sacramento, at $0.68 per ft. for 10-in. No. 12 gauge, and at $1.06 per ft. for 14-in. No. 10 gauge, submitted low bids to the Carmichael Irrigation District, Roy W. Sullivan, Secretary, for furnishing:
(1) 2,200 l.f. 10-in. No. 12 gauge welded steel pipe;
(2) 2,000 l.f. 14-in. No. 10 gauge do.
Complete bids follow:
Sacramento Pipe Works, Sacramento: (1) $0.68; (2) $1.06.
Montague Pipe & Steel Co., San Francisco: (1) $0.70; (2) $1.13.
California Corrugated Culvert Co., Berkeley: (1) $0.727; (2) $1.129.
Western Pipe & Steel Co. San Francisco: (1) $0.73; (2) $1.12.
Bids held under advisement.

MACHINERY & MATERIAL

Bid calls for construction machin ery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until January 28, 3 P. M., bids will be received by R. H. Stalnaker, Equipment Engineer, Division of Highways, 1805 34th St., Sacramenao, for the sale of the following equipment:

CHC 233 Drill, Rock, Gradner-Denver-Jackhammer Type.
CHC 444 Grader, Galion 8 ft. Blade. 2-wheel, Rubber-tired, Pull Type.
CHC 173 Kettle, Asphalt Heating, 165 gallon with Preheater.
CHC 155 Motor Grader, Spears-Wells-McCormick-Deering, Single Drive.
CHC 50 Mower, McCormick, 5 feet Sickle Bar.
CHC 55 Mower, McCormick, 5 feet Sickle Bar.
CHC 69 Roller, Austin "Cadet," 6-Ton, 3-Wheel, with Buda Engine.
CHC 104 Snow Plow, Western "V" Type.
CHC 105 Snow Plow, Western "V" Type.
CHC 106 Snow Plow, Western "V" Type.
CHC 107 Snow Plow, Wico "V" Type.
Twenty only steel camp cots.
Three only single bedsteads & springs

The above equipment may be inspected at the Division of Highways Yards at 1805 34th St., Sacramento, on any working day between the hours of 8:30 A. M. and 4:30 P. M.

REDDING, Shasta Co., Cal.—Until January 28, 3 P. M., bids will be received by State Division of Highways, G. E. Seibert, superintendent of equipment, Shop 2, Redding, for sale of used equipment as follows:

CHC 3184 Truck, Mack AB, 3 yd. Hydr. Dump Body, 1929 Dual tires in rear.
CHC 3248 Truck Chassis, F. W. D. Utility "6," 1929.
CHC 4262 Truck, Screenside, Dodge, Mod. 6-30, 1½-ton, 1932.
CHC 4355 Express, Ford, Model 1932.
CHC 248 Drill, Cleveland H-77 Dry—Jackhammer Type.
CHC 86 Mixer, Concrete, Jaeger 7L-2S w/6 H. P. Engine Power Loader.
CHC 36 Plow, Snow, Ross No. 2.
CHC 41 Scraper, McMillan, Hydraulic, Mod. S-8 for "30" Caterpillar Tractor.
CHC 407 Tractor, Top Seat Caterpillar "30".

Equipment may be inspected in the shop yards at Redding.

CANAL ZONE

PANAMA CANAL ZONE.—Until January 28, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3119, for furnishing miscellaneous supplies and equipment, including a combination baker's cabinet and work bench; dishwashing machine; potato peeler; dough mixer; electric bread toasters; wire glass; venturi suction torch; hand blow torch; rubber-insulated cable; steel carriage and machine bolts; brass toggle bolts; brass and steel nuts; stove bolts; steel rivets; lock washers; machine-bolt expansion shields; firebox steel plates and wrought iron pipe.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Ft. Mason, San Francisco.

courses for elbows in conc. pipe.

NAVY DEPARTMENT

BREMERTON, Wash.—Until Feb. 4 10 A. M., bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, under Req. No. 235 NSA, for furnishing one spot welding machine with 48-in. normal throat depth with a 300-kva. or more single phase transformer and arranged for air operation.

Specifications obtainable from above office.

BREMERTON, Wash.—Until Jan. 27 10 A. M., bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, under Req. No. 363 NSA for furnishing 160,000 lbs. foundry pig iron, low-phosphor.

Specifications obtainable from above office.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington D. C., for furnishing miscellaneous supplies and equipment, as follows:

PETROLEUM - RESIDUUM, 200,000 lbs.; Mare Island. Pro. 6990; Jan. 28.
LATHES, three motor-driven engines; Mare Island. Sche. 6975; Jan. 28.
TAPE, 2,000 lbs. black friction, and 4,000 lbs. rubber insulating; Mare Island. Sch. 6989; Jan. 28.
STEEL, 10,000 lbs. corrosion-resisting; Mare Island. Sch. 6987; Jan. 28.
PURIFIERS, 4 motor-driven centrifugal oil purifiers, 4 sets control appliances and spares; Mare Island. Sch. 7026; Jan. 28.
MOULDER, motor - driven; Mare Island. Sch. 7005; Jan. 28.
STRIPS, rubber faced composition bearing; Mare Island. Sch. 7017; Jan. 28.
STRAPPING, 4,000 lbs. steel packing case; Mare Island. Sch. 7000; Jan. 31.
SCREWS, 1,250 gross sheet metal; Mare Island. Sch. 7040; Feb. 7.

Information obtainable from above office and from Headquarters, 12th Naval Dist., 100 Harrison Street, San Francisco.

LOS ANGELES COUNTY

LONG BEACH, Los Angeles Co., Cal.—Until January 29, 10 A. M., bids will be received by R. M. Dorton, City Manager, 204 City Hall, Long Beach, for furnishing and delivering to the City of Long Beach, f.o.b. Willow St. and American Ave., treated Douglas fir ties and work timbers as shown below:

9100 6x8-in. by 8-ft. ties.

7x9-in. work timbers in quantities and lengths as follows:

21 pieces 8-ft. long.
13 pieces 8 ft. 6 in. long.
12 pieces 9 ft. long.
8 pieces 9 ft. 6 in. long.
8 pieces 10 ft. long.
8 pieces 10 ft. 6 in. long.
5 pieces 11 ft. long.
7 pieces 11 ft. 6 in. long;
8 pieces 12 ft. long;
8 pieces 12 ft. 6 in. long.
8 pieces 13 ft. long;
5 pieces 13 ft. 6 in. long.
8 pieces 14 ft. long.

Specifications may be seen in the office of the city manager. Certified check, bank draft or bond, 10%.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Jan. 27, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-154, for furnishing:

(1) 1 steam strainer, self - cleaning, straight - away ,extra - heavy, for 200 lb. steam pressure;
(2) 1 self-cleaning strainer, for fuel pump steam line;
(3) 12 galv. unions, ground joint, ¾-in. size;
(4) 24 galvanized ells, ½-in.;
(5) 12 black nipples, close, 2-in.;
(6) 1 valve and body only for ¾-inch standard S & P automatic pump governor;
(7) 4 compression laundry tub faucets
(8)1 glove valve, extra heavy flanged.

Delivery fob Rio Vista.

Specifications obtainable from above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until January 27, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3124, as follows:

(1) 152 gals. stain, gray green creosote roof;
(2) 255 gals. stain, light weatherbeaten brown creosote wall.

Delivery fob bidder's shipping point and/or Nevada City.

Specifications obtainable from above office.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until Feb. 4, 2 P. M., bids will be received by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing approximatley 30,000 feet (6000 pcs.) asphaltum dipped, 2-in. cast iron, bell and spigot beaded pipe, f.o.b. cars or trucks. Department warehouse, 410 Ducommun St. Spec. No. X-10.

ARIZONA STATE

PHOENIX, Ariz.—Until January 27, 10:30 A. M., bids will be received by the Board of Directors of State Institutions of Arizona, State House, Phoenix, for furnishing f.o.b. State Fair Grounds:

(1) 54,000 sq. ft. electrically welded galvanized wire mesh, 6 ft. wide, 4 in. by 12 in. mesh, 9-12 gauge, 22 lbs. per hundred sq. ft.
(2) 2340 sq. ft. electrically welded galvanized wire mesh, 6 ft. wide, 4 in. by 16 in. mesh, 4-16 gauge, 48 lbs. per hundred sq. ft.

SONOMA COUNTY

SANTA ROSA, Sonoma Co., Calif.—A used top seat Caterpillar tractor 30 No. S-3653 will be sold to the highest bidder by the Board of Supervisors, Walter H. Nagle, County Clerk, Court House, Santa Rosa, February 11 10 A. M.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACTS AWARDED

STATE OF WASHINGTON — Bids were opened by L. V. Murrow, Director of Highways, Olympia, January 14 for bridge construction, and contracts awarded as follows:

Walla Walla County: Grading and constructing a treated timber and steel overcrossing of the Northern Pacific Railway Co. tracks on about 1.2 miles of State Road No. 3, Wallula vicinity, in Walla Walla County, involving about 112,780 c.y. of excavation, 3,530 c.y. of selected roadway borrow, 200 c.y. of concrete, 30,600 lbs. of steel reinf. bars, 30,200 lbs. of structural carbon steel, 37 MBM of timber and lumber (treated creo-petrol blend), 4 MBM of timber and lumber (zinc chloride treated), 2,940 l.f. of piling (treated creo-petrol blend), and other items.

Awarded: James Coyle, Seattle, $46,-679.

King County: Constructing a treated timber and steel overcrossing of the White River Lumber Co. tracks on State Road No. 5, Enumclaw East, in King County, involving about 230 c.y. of excavation, 665 c.y. of concrete, 83,000 lbs. of steel reinforcing bars, 35,000 lbs. of structural carbon steel, 158 MBM timber and lumber (creosote treated) 4 MBM timber and lumber (zinc chloride treated) & other items.

Awarded: Newton Constr. Co., Seattle, $27,972.

APPROPRIATION RECOMMENDED

SEATTLE, Wash.—The U. S. Engineers have recommended an appropriation of $2,573,000 for continuation of work on Grays Harbor and Chehalis River. Of this amount, $2,335,-000 would be used for construction of the north and south jetties, $180,000 for dredging bar channel, and $58,000 for dredging a 26-ft. channel.

LOW BIDDER

SKAGIT COUNTY, Wash.—Manson Const. & Engr. Co., Canadian National Dock, Seattle, at $117,153 submitted low bid to Skagit County Board of Supervisors, January 18, for construction of the Swinomish Slough Bridge on the Cascade Highway.

Croy-Lich Co., Bellingham, at $119,-813 submitted third low bid.

Robt. E. L. Knapp, county engineer.

22—DREDGING, HARBOR WORKS, EXCAVATION

PLANNED

SAN JOSE, Cal.—City of San Jose has takn jurisdiction from county port district over development of the contemplated San Jose deep water port. The city will sponsor a pending application to PWA for aid in the project. A grant of $900,000 has been requested toward a proposed expenditure of approximately $2,000,000.

23—IRRIGATION PROJ.

BIDS WANTED

PASADENA, Cal.—Until January 29, 11 A. M., bids will be received by the Pasadena city clerk for construction of water mains, a PWA project. Bids will be received upon the following schedules:

SCHEDULE NO. 1—36-in. centrifugal cast reinforced concrete water mains in Sunset Ave., from Mountain St. to Orange Grove Ave.:

(1) 20 l.f. excavtion and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing pavement);
(1) 20 l.f. excavation and backfill for for depths 8 ft. to 12 ft., including bell holes, removing and replacing pavement;
(3) 1770 l.f. furnish and install 36-in. extra heavy centrif. cast reinf. concrete pipe (includ. fittings and special angles).

SCHEDULE No. 1-A — (Alternate for Schedule No. 1. Construction of 36-in. cast iron water min in Sunset Ave. from Mountain St. to Orange Grove Ave.):

(1) 45 l.f. excavating and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing pavement);
(2) 1725 l.f. excavating and backfill for for depths 8 ft. to 12 ft., including bell holes, removing and replacing pavement;
(3) 1770 l.f. furnish and install 36-in. Class B cast iron pipe (including fittings).

SCHEDULE NO. 1-B — (Alternate for Sched. No. 1. Construction of 36-in. steel water main in Sunset Ave. from Mountain St. to Orange Grove Ave.):

(1) 45 l.f. excavating and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing pavement);
(2) 1725 l.f. excavating and backfill for for depths 8 ft. to 12 ft., including bell holes, removing and replacing pavement;
(3) 1770 l.f. furnish and install 36-in. ¼-in. steel pipe (including fittings and special angles).

SCHEDULE NO. 2 — (Construction of 30-in. centrifugal cast reinforced concrete water main in Wilson Ave. from Mountain St. to Villa St.):

(1) 140 l.f. excav. and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing concrete gutter & pave.)
(2) 2575 l.f. excavating and backfill for depths 8 ft. to 12 ft., including bell holes, removing and replacing concrete gutter and pavement);
(3) 2715 l.f. furnish and install 30-in. extra heavy centrif. cast reinf. concrete pipe (includ. fittings and special angles).

SCHEDULE NO. 2-A — (Alternate for Schedule No. 2. Construction of 30-in. cast iron water main in Wilson Ave. from Mountain St. to Villa St.):

(1) 140 l.f. excavation and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing concrete gutter & pave.)
(2) 2575 l.f. excava. and backfill for for depths 8 ft. to 12 ft., including bell holes, removing and replacing concrete gutter and pavement);
(3) 2715 l.f. furnish and install 30-in. Class B. C. I pipe (inc. fittings.

SCHEDULE NO. 2-B — (Alternate for Schedule No. 2. Construction of 30-in. steel water main in Wilson Ave. from Mountain St. to Villa St.):

(1) 140 l.f. excavating and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing concrete gutter & pave.)
(2) 2575 l.f. excava. and backfill for for depths 8 ft. to 12 ft., including bell holes, removing and replacing concrete gutter and pavement);
(3) 2715 l.f. furnish and install 30-in. ¼-in. steel pipe (inc. fittings and special angles).

SCHEDULE NO. 3 — (Construction of 6-in. C. I. water mains and ¾-1- and 2-in. service laterals in Huntington Drive from Colorado Street to Blanche St.)

(1) 2888 l.f. excavation and backfill for 6-in. C. I. water main (includ. bell holes, removing and replacing concrete gutter and pavement);
(2) 196 l.f. excavation and backfill for two 2-in. 12 1-in. and 13 ¾-inch service laterials (inc. removing & replacing pavement);
(3) 2888 l.f. furnish and install, 6-in. C. I. pipe line (including fittings;
(4) 196 l.f. furnishing and install service laterals (inc. fittings).

SCHEDULE N. 4—(Construction of 6-in. and 8-in. C. I. water mains and ¾- 1- and 1½-in. service laterals in Whitefield Road (Queensbury Road) from Hill Ave. to Allen Ave., and in Allen Avenue from Whitefield Road (Queensbury Rd.) to Brigden Road:

(1) 3012 l.f. excavation and backfill for 120 ft. of 6-in. C. I. water main and 2892 ft. of 8-in. C. I. water main (inc. removing and replacing concrete gutter and pavement);
(2) 1224 l.f. excavating and backfill for two 1½- one 1- & 67 ¾-in. scr-service laterials (inc. removing & replacing pavement);
(3) 3012 l.f. furnish and install 120 ft. of 6- and 2892 ft. 8-in. C. I. pipe (including fittings);
(4) 1224 l.f. furnish and install service laterals (inc. fittings).

Plans and specifications are available from the Pasadena Water Dept. upon deposit of $10 (returnble. Bessie Chamberlain, city clerk.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

25—MACHINERY AND EQUIPMENT

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing motor and natural gas engine driven pumps under Circ. Prop. No. 317 were opened by the U. S. Engineer Office, Los Angeles, Jan. 20.

The items were:

One electric motor - driven water pump with a capacity of 50 cfs. one electric motor-driven water pump with a capacity of 2 cfs. and two natural gas engine-driven water pumps with a capacity of 50 cfs each, complete

with all necessary starting and control equipment. The proposed pumping plants are for the purpose of pumping storm waters from a reservoir in the city of Long Beach thru a 48-in. concrete pipe conduit, 11,000 ft. in length, to Cerritos Slough and through a levee into the Los Angeles River.

The bids were:

Fairbanks, Morse & Co., $15,510; shipping point, San Francisco, 16,000 lbs.; Clinton, Iowa, 14,400 lbs.; Buffalo 1800 lbs.; Los Angeles, 5000 lbs. Fairbanks - Morse propeller type 30-inch pump FM R-8-I 6x7 engine; FM motor, QSZV.

Byron Jackson Co., $20,590; shipping point, Berkeley, 25,300 lbs.; Los Angeles, 6000 lbs.; Long Beach, 1700 lbs.; Oleon, N. Y., 12,000 lbs. Byron Jackson 24 - inch propeller type pump; Westinghouse motor; Waukesha 6EK engine; Clark Bros. engine Z, 4 cylinder; alternate bid; 6 LK Waukesha engine, $21,624. Total shipping weight 41,500 lbs.

Layne & Bowler Corp., $14,719. Shipping point, Los Angeles, 40,000 lbs. Layne & Bowler pumps; Le Roi engines; Westinghouse motors; Square D switchboards and controls.

Morris Machine Works, Baldwinsville, N. Y., $30,110. Shipping point, Baldwinsville, N. Y., 80,700 lbs.; Morris pumps, vertical screw type; Le Roi engines; General Electric motors and controls.

Worthington Co., Harrison, N. J., $23,197. Shipping points: Harrison, N. J., 36,200 lbs.; Buffalo, N. Y., 21,745 lbs.; Los Angeles, 7590 lbs. Worthington propeller type pumps. General Electric motors and switchboard.

Pomona Pump Co., Pomona, $11,-931.40. Shipping points, Milwaukee, 9000 lbs.; Berkeley, 1700 lbs.; Pomona 20,000 lbs.; Los Angeles, 1000 lbs. Pomona pumps, Niagara type; Le Roi engines.

RXIS: Westinghouse motor. Alternate bid, $15,907.34. Shipping points, Buffalo, 18,500 lbs.; Berkeley, 1700 lbs.; Los Angeles, 1000 lbs. Worthington engines. Alternate bid, $16,043.74. Shipping points, Orlean, N. Y., 24,000; Berkeley, 1700 lbs.; Pomona, 20,000 lbs.; Los Angeles, 1000 lbs. Clark engines. *

PURCHASE AUTHORIZED

HEALDSBURG, Sonoma Co., Cal.—County Board of Suprvisors have authorized the County Purchasing Agent to purchase a new bulldozer at a cost not to exceed $1250, and authorized the sale of the used Caterpillar tractor.

26—— RAILROADS

BIDS WANTED

SAN FRANCISCO.—Until February 19, 3:00 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Municipal Railway Contract No. 172 for reconstruction of the Geary Street tracks between Powell and Kearny Streets, a PWA project.

The work involves:

(1) 22,600 sq. ft. removing pavement;
(2) 2,450 ft. removing existing rail, ties and fastenings, and hauling the material to Municipal Pipe Yard, single track;
(3) 850 c.y. excavation below pave.;
(4) 250 c.y. breaking and distributing concrete sub-ballast;
(5) 480 c.y. furnishing and distributing crushed rock ballast;
(6) 2,450 ft. constructing girder rail track, complete, includ. hauling materials, but excluding excavation, paving Thermit weld joints and bonding, single track
(7) 85 each installing Thermit weld joints;
(8) 22,600 sq. ft. asphaltic pavement on concrete base;
(9) 1,800 sq. ft. asphaltic conform pavement, including removal of existing asphalt;
(10) 600 sq. ft. concrete base for asphaltic conform pavement, including removal of existing base
(11) 2,450 ft. concrete stringer, single track.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10. * 26

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $27,908.34 awarded contract by the San Jose City Council for the resurfacing of South Market St. and of South First St., to the City limits. Construction has started.

CONTRACT AWARDED

SAN MATEO, San Mateo Co., Cal.—H. E. Casey Co., 835 Woodside Way, San Mateo, at $1955.28 (corrugated pipe and armour coat) submitted low bid and awarded contract by the San Mateo City Council, E. W. Foster, City Clerk, for the improvement of Hacienda St. between Del Mar and 28th Avenue.

The work involves:

(a1) 112 l.f. 48-in. concrete pipe culvert;
(a2) 112 l.f. 48-in. corrugated pipe;
(a3) 112 l.f. 3x4 box culvert;
(b) 800 c.y. earth and rock fill over culvert;
(c1) 1300 sq. yds. 4-in. base rock paving, complete, with 2-in. armor coat, including grading, rolling and shaping;
(c2) 1300 s. yds. 4-in. crusher run base pavement, with oil and screenings surface;
(d) 22 Redwood guard posts (6x6x6-in.) in place and painted with two coats of good outside white paint;
(e) 362.5 l.f. woven wire fence with steel posts.

Total bids follow:

(A) H. E. Casey, San Mateo....$1955.28
(B) L. C. Smith, San Mateo..... 2029.75
(C) San Mateo Feed & Fuel Co., San Mateo 2207.30

Unit bids follow:

	(A)	(B)	(C)
(a1)	$7.40	$7.35	$7.00
(a2)	5.40	6.00	5.21
(a3)	7.40	6.43	7.16
(b)	.50	.55	.70
(c1)	.587	.66	.675
(c2)	.72	.58	.70
(d)	2.75	2.50	2.70
(e)	.35	.30	.35

PLANNED

SAN JOSE, Santa Clara Co., Cal.—Projects included in San Jose's street improvement program to be financed by gasoline tax money include:

Paving of Home and Prevost Street to the Guadalupe River and Virginia from Palm to the Guadalupe.

Redecking the existing roadway on Delmas Avenue from Santa Clara to Willow Street.

Resurfacing San Carlos Street from Market Street to to viaduct.

Resurfacing Park Avenue between Market Street and Delmas Avenue.

Redecking Polhemus-Taylor between San Pedro Street and the Southern Pacific tracks.

Plans for the Home Street job will be prepared as soon as the budget is approved by the Division of Highways, Sacramento. Total cost of the work is estimated at $68,425. William Popp, City Engineer.

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until February 13, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 14.5 miles grading in Mendocino County between Longvale and Dos Rios.

The work involves:

(1) 70 acres clearing and grubbing right of way;
(2) 325,000 c.y. rdwy. excav., unclass.
(3) 480,000 sta. yds. overhaul;
(4) 2,650 c.y. struc. excav.;
(5) 765 sta. finishing rdwy.;
(6) 3,000 l.f. round timber;
(7) 14 MFBM redwood timber, select, all-heart, structural grade;
(8) 5,580 l.f. 18-in. CMP;
(9) 980 l.f. 24-in. CMP;
(10) 310 l.f. 30-in. CMP;
(11) 600 l.f. 36-in. CMP;
(12) 3,250 l.f. timber surf. culverts.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka.

Bids on this project were previously opened Dec. 18 at which time Hemstreet and Bell, Marysville, submitted low bid at $322,940.

BIDS WANTED

SANTA BARBARA and SAN LUIS OBISPO COS. Cal.—Until Feb. 13, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.4 miles grading and paving with asphalt concrete in Santa Barbara and San Luis Obispo counties between Richfield Tower and the Santa Maria River.

The work involves:

(1) 450 M. gals. water;
(2) 10,560 c.y. rdwy. excav., unclass.
(3) 900 c.y. struc. excav.;
(4) 600 c.y. ditch and channel excav.;
(5) 4,400 c.y. imported borrow;
(6) 75,000 sta. yds. overhaul;
(7) 560 c.y. removing exist. concrete;
(8) 7,600 sq. yds. preparing subgrade
(9) 127 sta. finishing rdwy.;
(10) 506 tons liquid asph. SC-2 (shoulders);
(11) 32,925 sq. yds. preparing, mixing and shaping shoulders;
(12) 3.7 tons liq. asph. SC-3 (seal coat)
(13) 42 tons screenings (seal coat);
(14) 8,075 tons asphalt concrete;
(15) 11,675 lbs. bar reinf. steel;
(16) 120 c.y. Class A Portland cement concrete (struc.);
(17) 3,300 lbs. misc. iron and steel;
(18) 125 c.y. riprap;
(19) 298 l.f. 18-in. CMP;
(20) 32 l.f. laminated guard railing;
(21) 16 each culvert markers;
(22) 6 each guide posts;
(23) 4.3 miles new property fences;
(24) 35 each drive gates;
(25) 20,900 sq. yds. asph. paint binder;
(26) 32 each monuments;
(27) 110 l.f. 30x8½ - inch part circle CM culvert.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

NOTICE TO BIDDERS

LOS ANGELES COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in Los Angeles County, on Sepulveda Boulevard between San Fernando Road and Brand Boulevard, road VII-L.A-158-L. A., for which bids are to be received in Los Angeles on February 6.

Sand representative will meet prospective bidders at the intersection of Sepulveda Boulevard and Grand Boulevard about 2 miles west of San Fernando, on Tuesday, January 28, at 9 A. M.

Prospective bidders are urged to co-

operate with the District Office and arrange to make their field inspection on the above date.

BIDS OPENED

SUTTER COUNTY, Calif.—Leo F. Piazza, 296 N 6th St., San Jose, at $2,589.34 submitted low bid to Division of Highways, C. H. Whitmore, District Engineer, Marysville, for about 0.1 mi. grading and constructing Portland cement concrete pavement, curbs, gutters and sidewalk in Yuba City, on Plumas St. between Bridge and Scott Streets.

The work involves:
(1) 160 c.y. rdwy. excav., unclass.;
(2) 650 sq. yds. subgrade preparation;
(3) 85 c.y. Portland cement concrete (pavement);
(4) 32 c.y. do (curbs, gutters, sidewalks);
(5) 207 each, pavement dowels;
(7) 72 c.y. removing and disposing of concrete and oil-mix surfacing;
(6) 400 lbs. bar reinf. steel;
(8) 39 l.f. removing existing iron pipe;
(9) 1 only manhole to be adjusted to grade.

Total bids follow:
(A) Leo F. Piazza, San Jose, $2,589.34.
(B) L. C. Seidel, Sacramento, $3,236.80
(C) C. R. Fesler, Yuba City, $3,331.20.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.20	$ 2.00	$ 2.90
(2)	.12	.20	.45
(3)	16.50	19.00	19.00
(4)	20.00	20.00	20.00
(5)	.07	.40	.20
(6)	.05	.10	.10
(7)	3.20	5.00	2.90
(8)	.05	1.00	50
(9)	10.00	10.00	10.00

BIDS WANTED

SANTA BARBARA CO., Cal.—Until February 13, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.1 miles grading and paving with Portland cement concrete in Santa Barbara County between Tajiguas Creek and Arroyo Hondo.

The work involves:
(1) 30 stations clearing and grubbing right of way;
(2) 1,500 M. gals. water;
(3) 130,500 c.y. rdwy. excav., unclass.
(4) 690,000 sta. yds. overhaul;
(5) 21,050 c.y. imported borrow;
(6) 2,900 c.y. struc. excav.;
(7) 650 c.y. ditch and channel excav.
(8) 6,900 c.y. intercepting ditch and dike excavation;
(9) 36,700 sq. yds. subgrade for pave
(10) 166 sta. finishing rdwy.;
(11) 127 tons asphaltic cement, Grade "E" (membrane seal);
(12) 40 tons liquid asph. SC-2 (prime coat);
(13) 450 tons do (road mix surf. treatment);
(14) 59,000 sq. yds. preparing, mixing and shaping shoulders and detours;
(15) 7,340 c.y. Class A Portland cement concrete (pavement);
(16) 375 c.y. do (struc.);
(17) 58,300 lbs. bar reinf. steel (pavement and struc.);
(18) 9,910 each pavement dowels;
(19) 16 each pavement crossing devices;
(20) 292 l.f. 8-in. CMP;
(21) 936 l.f. 18-in. CMP;
(22) 454 l.f. 24-in. CMP;
(23) 226 l.f. 30-in. CMP;
(24) 222 l.f. 36-in. CMP;
(25) 30 l.f. half circle 24-in. CM culvert;
(26) 1,308 l.f. existing CMP removed cleaned and salvaged;
(27) 23 each spillway assemblies;
(28) 4 each cast steel frames and covers for drop inlets;
(29) 2,500 sq. yds. paved gutters and inlet aprons;
(30) 3,300 c.y. existing concrete removed and disposed of;
(31) 2,300 c.y. salvaged detour material;
(32) 3.8 miles new property fences, Type A;
(33) 0.3 mile do, Type B;
(34) 20 each drive gates;
(35) 2,570 l.f. laminated guard railing;
(36) 5,000 l.f. existing guard railing moved and reset;
(37) 53 each guide posts;
(38) 52 each culvert markers;
(39) 88 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

BIDS WANTED

ELKO COUNTY, Nev.—Until Jan. 31, 2:30 P. M., bids will be received by the Nevada State Highway Directors. Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State highway system in Elko County, within the City of Elko, a length of approximately 0.98 mile.

The work involves:
(1) 20 cu. yds. remove concrete;
(2) 124 lin. ft. remove culvert pipe;
(3) 77 lin. ft. remove fence;
(4) 5000 cu. yds. roadway excav.;
(5) 6276 sta. yd. overhaul;
(6) 12,102 cu. yds. select borrow;
(7) 1390 cu. yds. structure excav.;
(8) 0.96 mi. subgrade;
(9) 0.98 mi. finish roadway;
(10) 4350 cu. yds. crushed gravel or stone surfacing (roadway);
(11) 545 cu. yds. Class A concrete;
(12) 14 cu. yds. Class B concrete;
(13) 320 cu. yds. Class D concrete;
(14) 101,240 lbs. reinf. steel;
(15) 5300 lbs. structural steel;
(16) 428 lin. ft. 8-in. CMP (dipped);
(17) 422 lin. ft. 12-in. CMP (dipped);
(18) 78 lin. ft. 18-in.CMP (dipped);
(19) 144 lin. ft. 24-in. CMP (dipped);
(20) 80 lin. ft. relay culvert pipe;
(21) 1 each adjust manholes;
(22) 10 each monuments;
(23) Lump sum construct railroad crossing;
(24) Lump sum move buildings;
(25) 240 cu. yds. crushed gravel or stone surfacing (sidewalks);
(26) 150 cu. yds. hand-laid riprap;
(27) 950 lbs. castings.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

NOTICE TO BIDDERS

LOS ANGELES COUNTY, Cal.—C H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised, for which bids will be opened in Los Angeles, February 6, 2 P. M.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

VII-L.A-157-L.A. Sepulveda Blvd., between San Fernando Road and Brand Boulevard (Second advertisement). (PLANS) No. of Sheets, 30; cost, $3.00. (CROSS-SECTIONS) No. of Sheets, 60; Cost, $6.00; total, $9.00.

Checks for the above should be made payable to the Dpartment of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, California.

FRESNO COUNTY—WATER SYSTEM—County

FRESNO COUNTY, Calif.—Underground Const. Co., R. F. D. 1, Box 756, Berkeley, at $21,463.90 submitted low bid to Fresno County Board of Supervisors for construction of a waterworks system for the Fresno County Water Works District No. 2. Recommendation has been made to PWA that contract be awarded the low bidder.

The work involves:
(1) 6,370 ft. 4-in. cast iron water pipe complete in place, including excavation and backfilling;
(2) 7,900 ft. 6-in. do;
(3) 3,260 ft. 8-in. do;
(4) 5,850 lbs. standard cast iron fittings for water mains, complete in place;
(5) 7 4-in. gate valves, complete in place, including valve boxes and cover;
(6) 8 6-in. do;
(7) 4 8-in. do;
(8) 3 blow-off hydrants;
(9) 39 ¾-inch service connections, complete, including corporation cock;
(10) 10 1-in. do;
(11) 6 1½-in. do;
(12) 6 4x4x36-in. Redwood posts;
(13) pump and motor complete, with all appurtenances & accessories;
(14) one only water well complete, 100 ft. deep;
(15) 100 l.f. additional depth of well as may be required.

Total bids follow:
(A) Underground Const. Co., Pasadena, $21,463.90.
(B) A. Soda & Son, Oakland, $22,776.
(C) Oakland Sewer Const. Co., Oakland, $23,140.30.
(D) P. L. Burr, San Francisco, $23,748.95.
(E) Thompson Const. Co., Fresno, $24,118.30.
(F) Robt. B. McNair and H. Gould, Oakland, $24,135.70.
(G) Leo. F. Piazza, San Jose, $27,067.02.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .83	$ .78	$ .89	$ .86	$ .91	$ .75	$ .955
(2)	1.03	1.04	1.08	1.12	1.14	1.10	1.235
(3)	1.23	1.54	1.40	1.54	1.51	1.55	1.645
(4)	.06	.08	.05	.065	.07	.07	.09
(5)	20.00	25.00	20.00	24.20	21.50	24.30	26.40
(6)	30.00	39.00	30.00	34.60	34.00	36.00	40.12
(7)	45.00	60.00	43.00	52.35	49.75	52.00	58.95
(8)	30.00	37.00	35.00	39.00	36.00	40.00	45.85
(9)	6.00	5.00	3.50	7.00	9.00	5.40	8.63
(10)	7.00	5.70	4.50	10.00	13.00	6.70	10.11
(11)	10.00	14.00	9.00	17.00	18.00	14.50	17.33
(12)	2.50	.80	2.00	.60	1.00	1.50	1.31
(13)	1850.00	2279.00	2500.00	2213.00	1980.00	3403.00	2990.74
(14)	500.00	334.00	350.00	367.00	350.00	327.00	615.27
(15)	2.65	3.00	3.00	3.00	3.15	2.95	2.85

A. Segel, Engineer.

CONTRACTS AWARDED

STATE OF OREGON—Contracts for highway construction on which bids were opened January 9 have been awarded by th Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, as follows:

Benton County: Polk County Line-Soap Creek Section of Tampico Co. Road. 3.1 miles of grading, requiring approximately 35,000 cu. yds. excavation.

Awarded, Saxton & Looney and J. S. Risley, Portland, $12,022.

Clackamas County: Clackmas Co. oiling project on 8 sections of county road; 27.87 miles of oil mat surface treatment.

Awarded: Edwin C. Garber, Oregon City: Road oil, $48,143.

BIDS WANTED

MARICOPA COUNTY, Arizona—Until January 30, 2 P. M., bids will be received by Arizona State Highway Commission, Phoenix, for highway construction on the Phoenix-Prescott Highway, NRM 59, 84-C and NRH 59. The work, which is located at both ends of the new bridge at Wickenburg, consists of grading and draining about 0.8 mile of roadway and furnishing and placing road mix and seal coat, and is to be completed on or before June 30, 1936.

The principal items are:

70,350 cu. yds. roadway excavation;
7,000 cu. yds. slides and overbreakage;
196,000 sta. yd. overhaul;
5,300 cu. yds. selected material;
95 cu. yds. concrete;
8,400 lbs. reinf. steel;
470 lin. ft. corr. metal pipe;
7 corrugated catchbasins;
4,900 lin. ft. road guard;
7,200 lin. ft. line fence;
360 hours rolling;
2,500 M. gals. water sprinkling;
35,000 gals. SC-2 road oil;
0.8 mile processing road mix;
36 tons emulsified asphalt;
174 tons screenings.

Funds in the amount of $80,000 have been programmed for the construction of this project.

T. S. O'Connell, State Highway Engineer.

BIDS WANTED

NYE COUNTY, Nev.—Until January 31, 2 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State highway system in Nye County, Route 4, Section A1, between three miles east of Tonopah and West Forest boundary, a length of approximately 12.6 miles.

The work involves:

(1) 742 lin. ft. remove culvert pipe;
(2) 46 each remove culvert headwalls
(3) 28,700 cu. yds. roadway excav.;
(4) 15,480 sta. yd. overhaul;
(5) 4543 cu. yds. select borrow;
(6) 19,164 cu. yds. imported borrow;
(7) 1070 cu. yds. structure excav.;
(8) 12.60 miles subgrade;
(9) 12.60 miles finish roadway;
(10) 47,500 tons crushed gravel or stone surfacing;
(11) 228 cu. yds. Class A concrete;
(12) 43 cu. yds. Class B concrete;
(13) 25,000 lbs. reinforcing steel;
(14) 940 l.f. 18-in. CMP (dipped);
(15) 130 l.f. 24-in. CMP (dipped);
(16) 84 l.f. 36-in. CMP (dipped);
(17) 402 lin. ft. relay culvert pipe;
(18) 9 each move pipe culvert headwalls;
(19) 30 each monuments.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

COCONINO COUNTY, Ariz. — Until Feb. 11, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Flagstaff - Fredonia Highway, WP H 95-J; AFE 8932. The work, which is to begin at a point about 14.7 miles northeast of Flagstaff and is to extend northerly about 7.7 miles, consists of grading and draining the roadway and applying an SC-2 road oil dust palliative, and is to be completed on or before Oct. 15, 1936. The principal items and approximate quantities are:

29,200 c.y. rdwy. excav.;
3,100 c.y. drainage excav.;
800 c.y. struc. excav.;
140,500 c.y. imported borrow;
86,700 c.y. mi. imported borrow, haul
400 c.y. Class A concrete;
34,900 lbs. reinf. steel;
2,078 l.f. CM pipe (6 sizes);
3 cattle guards;
81,100 l.f. line fence;
5,000 l.f. grader ditches;
300 hours rolling;
72,200 gals. SC-2 road oil;
and other incidental items.

Plans may be obtained from the state highway engineer, T. S. O'Connell. Certified or cashier's check for 5% must accompany each bid. Funds in the sum of $125,000 have been programmed for this project.

PREPARING PLANS

SUNNYVALE, Santa Clara Co., Cal. City Engineer H. N. Bishop has been authorized by Sunnyvale City Council to prepare plans for the resurfacing of Murphy Avenue between Evelyn and Washington, including new curbs and gutters; and for widening and improving Mathilda Avenue from Evelyn to the highway.

The projects will be financed by the city's share of gas tax funds.

BIDS OPENED

STATE OF WASHINGTON — Bids were opened by L. V. Murrow, Director of Highways, Olympia, January 14 for highway construction and action taken as follows:

Benton County: Surfacing about 7.5 miles of county road, Horn to Benton City, in Benton County, involving about 9040 cu. yds. of crushed stone surfacing.

Awarded: Joslin & McAlister, Spokane, $9326.

Clark County: Constructing a bituminous macadam surface on about 0.7 mile of city streets in the City of Vancouver, in Clark County, involving about 3830 cu. yds. of excavation, 3320 cu. yds. of crushed stone surfacing and mineral aggregates (oil rock), 106 tons of bituminous cement and 375 lin. ft. of pipe culverts and other items.

Awarded: Warren Northwest, Inc., Portland, $15,701.

Ferry County: Clearing, grading and surfacing about 1.0 mile of county road, Republic to Curlew Road, in Ferry County, involving about 8 acres of clearing, 20,920 cu. yds. of excavation, 2810 cu. yds. of crushed stone surfacing, 249 linear feet of pipe culverts and other items.

Awarded: Leo J. Lavin, Coulee City, $13,722.

Island County: Clearing and grading about 2.1 miles of county road, Freeland-North, in Island County, involving about 16 acres of clearing, 27,850 cu. yds. of excavation, 6300 cu. yds. of selected roadway borrow, 555 lin. ft. of pipe culverts and other items.

Awarded: James H. Coyne, Port Townsend, $15,741.

Lincoln County: Grading about 1.3 miles of county road, Reardon-Long Lake, in Lincoln County, involving about 38,920 cu. yds. of excavation, 348 lin. ft. of pipe culverts and other items.

Awarded: J. W. Poe, Lewiston, $14,450.

Skagit County: Clearing, grading and surfacing about 2.4 miles of county road, Big Lake Northwest, in Skagit County, involving about 12 acres of clearing, 39,320 cu. yds. of excavation, 4875 cu. yds. crushed stone surfacing, 22 cu. yds. of concrete, 1350 lin. ft. of guard rail, Type No. 4, 1322 lin. ft. of pipe culverts and other items.

Awarded: Robert Nordlund, Mt.

Skamania County: Clearing, grading and surfacing about 1.0 mile of county road, Junction State Road No. 8 to Carson, in Skamania County, involving about 4 acres of clearing, 29,120 cu. yds. of excavation, 4290 cu. yds. of pit run gravel surfacing, 84 cu. yds. of concrete, 741 lin. ft. of pipe culverts and other items.

Awarded: Sam Angelo, Cape Horn, $20,246.

Spokane County: Clearing, grading, surfacing and constructing two treated framed timber trestles on about 5.7 mi. of county rd. Cheney-Plaza Rd. in Spokane County, involving about 11 acres clearing, 69,950 cu. yds. of excavation, 10,150 cu. yds. of crushed stone surfacing, 94 cu. yds. of concrete, 3815 lin. ft. of cable guard rail design No. 6, 46 M.B.M. treated timber and lumber, 2 M.B.M. untrtated timber and lumber, 957 lin. ft. of pip culverts and other items.

Awarded: Redmon, Turner Co., Yakima, $79,771.

Thurston County: Clearing, grading and constructing a 30-ft. reinforced concrete T-beam bridge on about 1.3 miles of county road, Tenino Vicinity, in Thurston County, involving about 5 acres of clearing, 20,205 cu. yds. of excavation, 3330 cu. yds. of crushed stone surfacing, 151 cu. yds. of concrete, 150 lin. ft. of pipe culverts and other items.

Awarded: Graham Bros. & Medley, Chehalis, $21,177.

Clark County: Grading and paving with asphaltic concrete on about 1.7 mile of county road (Battleground Highway), Vancouver-East, in Clark County, involving about 2250 cu. yds. of excavation, 1230 cu. yds. of crushed stone surfacing, 2627 tons of asphaltic concrete Type I-1, 543 lin. ft. of pipe culverts and other items.

Awarded: United Contracting Co., Portland, $24,000.

Pacific County: Clearing, grading and surfacing about 0.7 miles of county road, Raymond West, in Pacific County, involving about 5 acres of clearing, 17,610 cu. yds. of excavation, 1810 cu. yds. of crushed stone surfacing and ballast, 126 lin. ft. of pipe culverts and other items.

Awarded: Graham Bros. & Medley, Chehalis, $10,788.

San Juan County: Clearing and grading about 0.2 mile of county road, Cascade Creek Fill on Orcas Island, in San Juan County, involving about 1 acre of clearing, 4680 cu. yds. of excavation, 47 cu. yds. of concrete, 51 lin. ft. of pipe culverts and other items.

Awarded: C. W. Wilder, Blain, $3266

Bids on the following project in Whatcom County were held under advisement:

Whatcom County: Paving with Portland cement concrete and asphaltic concrete on about 1.0 mile of city streets and 1.5 mile of county road, Holly Street and Meridian Street in Bellingham and Guide Meridian Road, in Whatcom County, involving

about 1930 cubic yards of excavation, 5889 square yards of Portland cement concrete pavement, 3518 tons of asphaltic concrete pavement, 650 linear feet of pipe culverts and other items.

Low Bidder: Washington Asphalt Co., Seattle, $49,845.

Bids on the following projects in Pacific and Cowlitz Counties were rejected:

Pacific County: Constructing bituminous macadam Class "D" penetration type on about 0.3 mile of State Road No. 13, City of Raymond in Pacific County, involving about 1130 cu. yds. of crushed stone surfacing and mineral aggregates (oil rock), 29 tons bituminous cement and other items.

Washington Asphalt Co., Seattle, submitted low bid at $5359.

Cowlitz County: Constructing a bituminous surfacing and treated timber bridge on about 0.6 mile of city streets, city of Longview, Sec. 1, Sacajewea Lake Bridge, and Sec. 2, Washington Way, 32nd Ave. to West City Limits, in Cowlitz County, involving about 870 cu. yds. of crushed stone surfacing, and mineral aggregates, 58 tons of bituminous cement, 65 M.B.M. timber and lumber, treated 3 MB.M. timber and lumber, untreated, and other items.

Warren Northwest, Inc., Portland, submitted low bid at $15,843.

SAN FRANCISCO — CENTRAL PUMPS RESERVOIR — (CITY)

SAN FRANCISCO.—MacDonald and Kahn Co., Ltd., 200 Financial Center Bldg., at $157,308 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W.D. 100 for construction of the central pumps reservoir.

The work consists of construction of a covered reservoir with a concrete roof and lining, valve house, and inlet and outlet structures, located in the block bounded by Sloat Blvd., 23rd Ave., Ocean Avenue, and 22nd Ave., and includes removing an existing concrete tank and certain pipe lines, excavating for reservoir and constructing embankment, constructing the concrete roof, lining, and appurtenant structures, furnishing and installing steel pipe lines together with slide gates, installing valves, cast iron pipe lines, and constructing manholes and drop structures, furnishing and installing tile drain pipe, repairing the street over pipe trenches and constructing new sidewalk, constructing gravel paths and surfacing, and certain other work.

Bids were taken as follows:

(1) lump sum, removal of existing struc. and preparation of site;
(2) 5,700 c.y. stripping and stockpiling top soil;
(3) 22,600 c.y. excavating and placing in embankment;
(4) 2,000 c.y. excavating, hauling, and placing additional material from Balboa reservoir site;
5) 4,000 c.y. spreading topsoil on embankment;
(6) 260 roller-hours, providing & operating roller equipment;
(7) 5,800 s.y. trimming side slopes and top of embankment;
(8) 1,450 c.y. structure excavation;
(9) 2,000 c.y. concrete lining and column footings;
(10) 820 c.y. concrete in columns, outlet tower and conduit, Division wall (above footing) and inlet structure;
(11) 1,830 c.y. concrete in roof slab, joists and girders;
(12) 615 c.y. concrete in division wall footing;
(13) 200 barrels extra cement;
(14) 675,000 lbs. furnishing and placing reinforcing bars;
(15) 8,800 sq. yds. furnishing and placing welded wire fabric;
(16) lump sum, furnishing and installing slide gates;
(17) 21,000 lbs. furnishing and installing misc. metal work;
(18) 148,000 lbs. installing metal work (furnished by the city);
(19) lump sum, constructing valve house;
(20) lump sum, brick manhole, miscellaneous framing, wire screens and painting;
(21) 125 l.f. fabrication, lining and coating of 20-in. steel pipe with single standard wrapping;
(22) 460 l.f. fabrication, lining and coating of 30-in. steel pipe with single standard wrapping;
(23) 370 l.f. fabrication, lining and coating of 36-in. do;
(24) 3 roundabout seams, fabrication of bends in 20-in. steel pipe;
(25) 10 roundabout seams, fabrication of bends in 30-in. steel pipe;
(26) 8 roundabout seams, do in 36-in. steel pipe;
(27) 1,200 c.y. excavation and backfill for pipe trenches;
(28) 125 l.f. installation of 20-in. steel pipe;
(29) 460 l.f. installation of 30-in. do;
(30) 370 l.f. installation of 36-in. do;
(31) 3,000 lbs. installation of valves & fittings for 20- 30- and 36-inch steel pipe;
(32) 2,000 sq. ft. repavement;
(33) 9,800 sq. ft. constructing new sidewalk;
(34) lump sum, constructing outside stairways and toe wall;
(35) 400 l.f. furnishing and installing 6-in. tile drain pipes;
(36) 2,000 sq. yds. furnishing and placing gravel surfacing.

Total bids follow:

(A) MacDonald & Kahn Co., Ltd., San Francisco, $157,308.00.
(B) Eaton & Smith, San Francisco, $162,360.70.
(C) M. B. McGowan, Inc., and C. W. Caletti & Co., San Francisco, $172-169.00.
(D) Barrett & Hilp, San Francisco, $173,692.00.
(E) C. C. W. and H. H. Haun, San Francisco, $177,477.50.
(F) Chas. L. Harney, San Francisco, $183,309.75.
(G) A. G. Raisch, San Francisco, $195,850.75.
(H) Healy - Tibbitts Const. Co., San Francisco, $204,628.00.
(I) Case Const. Co., Alhambra, $206,-998.25.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$1,900.00	$2,300.00	$2 641.25	$4,100.00	$5,000.00	$10,000.00	$4,000.00	$7,500.00	$7,000.00
(2)	.23	.21	.25	.25	.50	.35	.40	.75	.48
(3)	.23	.27	.28	.25	.30	.35	.30	.25	.29
(4)	.75	.77	.82	.75	1.20	.35	.60	.60	.48
(5)	.30	.30	.32	.28	.50	.35	.50	.50	.57
(6)	6.00	5.60	6.00	5.50	6.50	7.00	7.00	7.00	10.50
(7)	.15	.11	.15	.14	1.10	.18	.15	.50	.35
(8)	1.80	1.20	1.50	1.70	1.75	1.25	1.00	1.50	1.50
(9)	11.25	9.80	12.50	11.00	15.10	11.00	16.00	18.00	13.00
(10)	17.00	13.50	17.50	18.00	17.00	16.00	21.00	20.00	20.00
(11)	20.00	20.00	19.00	23.00	19.00	20.00	27.00	25.00	32.00
(12)	9.00	8.90	10.50	8.00	12.00	11.00	14.00	14.00	10.75
(13)	2.75	2.64	2.50	3.00	3.00	3.00	2.75	2.25	3.00
(14)	.035	.045	.048	.042	.045	.0425	.04	.0425	.05
(15)	.50	.53	.57	.50	.50	.50	.46	.50	.38
(16)	3,300.00	4,200.00	3,600.00	3,000.00	2,600.00	1,000.00	3,000.00	4,000.00	1,125.00
(17)	.20	.18	.175	.16	.10	.30	.20	.20	.18
(18)	.01	.025	.015	.02	.01	.05	.02	.03	.12
(19)	1,450.00	1,220.00	1,500.00	1,550.00	1,000.00	3,000.00	1,050.00	1,800.00	2,000.00
(20)	1,200.00	1,610.00	1,600.00	1,450.00	1,500.00	1,000.00	200.00	1,750.00	1,750.00
(21)	4.00	4.20	4.70	4.60	4.00	4.75	3.75	4.00	4.30
(22)	6.50	6.20	6.80	6.00	5.00	5.75	6.00	6.00	6.60
(23)	7.00	7.40	8.00	7.50	6.00	7.00	6.60	7.00	7.90
(24)	20.00	19.00	25.00	30.00	25.00	20.00	10.00	16.00	17.50
(25)	30.00	26.80	30.00	40.00	25.00	25.00	12.00	19.00	22.50
(26)	35.00	30.00	32.00	45.00	35.00	30.00	15.00	23.00	26.50
(27)	4.00	2.40	1.25	5.00	1.25	4.00	1.25	.75	1.50
(28)	1.00	2.08	.75	1.40	1.00	2.00	2.00	1.50	.50
(29)	1.50	3.12	1.20	1.60	1.50	3.00	2.20	1.75	.95
(30)	1.80	3.70	1.30	1.70	2.00	3.50	3.00	2.00	1.15
(31)	.05	.05	.02	.06	.025	.05	.02	.08	.05
(32)	.30	.20	.25	.30	.25	.25	.33	.30	.38
(33)	.16	.14	.16	.13	.10	.11	.15	.12	.17
(34)	5,700.00	7,250.00	8,800.00	7,000.00	6,000.00	7,000.00	12,000.00	8,000.00	10,800.00
(35)	.40	.50	.75	.50	.65	1.00	.50	.50	.45
(36)	.60	.60	1.00	1.00	.50	.20	.50	.75	.75

N. A. Eckart, General Manager and Chief Engineer.

30—RESERVOIRS & DAMS

BIDS WANTED

SANTA BARBARA, Cal.—Until Feb. 4, 1:00 P. M. (to be opened at 2 P. M.) as previously reported, bids will be received by the Santa Barbara City Council, Geo. D. Geib, City Clerk for the construction of the La Mesa Water Storage Reservoir.

The proposed reservoir will have a capacity of 1,500,000 gallons, will be circular in shape, and will be of reinforced concrete construction. Estimated cost, $30,000.

The work involves

(1) 9,100 c.y. excavation and grading;
(2) 4,340 c.y. backfill earth;
(3) 1,370 l.f. drainage;
(4) 780 c.y. concrete;
(5) 36 tons steel;
(6) 36 tons steel bands and turnbuckles;
(7) 27,300 sq. ft. forms;
(8) 2,300 c.f. gunite covering;
(9) 812 l.f. fencing;
(10) pipes, valves and fittings;
(11) gate valve house.

Plans and specifications obtainable at the office of the Water Department and at the office of Consulting Engineer George A. Miller, Suite 16-17-18 Carrillo Bldg., Santa Barbara, upon deposit of $25.00.

Delbert D. Smith, Water Works Superintendent.

This is a PWA job and a list of the sureties satisfactory to the PWA authorities is on file at the offices of the city clerk, Geo. D. Geib. Each bid must be accompanied by a certified or cashier's check for 10%.

BIDS WANTED

ALHAMBRA, Los Angeles Co., Cal.—Until January 28, 9 A. M., bids will be received by the Alhambra City Commission, City Hall, R. B. Wallace, City Clerk, for the construction of the Marengo Reservoir, a PWA contract. The estimated cost is approximately $65,000.

The proposed reservoirs will be steel tanks of 2,302,900 gallons capacity each, 143 ft. in diameter and 20 ft. high.

The project involves:

9020 cu. yds. excavation and hauling; Alternate bids will be taken as follows: (a) by hand; (b) by machine.

Roofing: Alternate bids will be taken (a) Redwood tongue and groove sheeting and (b) Douglas fir sheeting roofing paper.

Pipe connecting the reservoirs.

Alterenate bids on (a) all riveted fabrication, and (b) all welded fabrication.

925 lin. ft. 4-in. drain tile (bell and spigot).

375 cu. yds. new or washed river gravel to be placed around drain tile.

Plans and specifications obtainable from the office of Water Superintendent John W. Clay, Room 10, City Hall, upon deposit of $10.

TO ASK FUNDS

LOS ANGELES COUNTY, Cal.—C. H. Howell, county flood control engineer, is preparing an application to be forwarded to Washington requesting PWA funds for the construction of the spillway at San Gabriel Dam No. 1. Excavation for the spillway will be done by the general contractors for the dam, the West Slope Constr. Co. The spillway cost will be slightly under $1,000,000. Plans for the structure are being prepared by Paul Baumann, Junior Assistant Chief Engineer in charge of dams. Bids will be taken through the Board of Supervisors.

APPROPRIATION RECOMMENDED

BONNEVILLE DAM, Ore.—The U. S. Engineers have recommended an appropration of $2,425,000 for the Bonneville Project.

Work to be constructed under the appropriation include:

Construction and installation of chain fender block, machinery for lock, $300,000;
Reservoir lands and damages above Cascade Locks, $200,000;
Railroad and highways, $500,000;
Spillway dam, $800,000;
Fishway, $275,000;
Permanent quarters, $200,000;
Power house equipment installation, electric structure, and miscellaneous items, $150,000.

Major Chas. Williams, Pittock Block Portland, District Engineer.

CONTRACT AWARDED

ELKO COUNTY, Nev.—J. A. Terteling & Sons, 2232 Fairview Avenue, Boise, Idaho, at $94,770 awarded contract by the U. S. Indian Irrigation Service, 751 S. Figueroa Street, Los Angeles, for the construction of a variable radius concrete arch dam across the Owyhee River, together with appurtenant works (consisting of crest spillway in middle portion of arch, outlet gates, approach and discharge channels to same, concrete protective aprons, loose rock fills, suspension foot bridge) located approximately 25 miles south of Mountain City, Nev., and 70 miles north of Elko, Nev. The nearest shipping point is Elko on the Southern Pacific and Western Pacific Railroads. The government will furnish cement, reinforcing steel, metal pipe and fittings, and copper sheets, fob cars, Elko.

BIDS WANTED

SANTA BARBARA, Cal.—Until Feb. 4, 1:00 P. M., (to be opened at 2 P. M) bids will be received by the Santa Barbara City Council, Geo. D. Geib, City Clerk, for the construction of the La Mesa Water Storage Reservoir.

The proposed reservoir will have a capacity of 1,500,000 gallons, will be circular in shape, and will be of reinforced concrete construction. Estimated cost, $30,000.

Plans and specifications obtainable at the office of the Water Department and at the office of Consulting Engineer George A. Miller, Suite 16-17-18 Carrillo Bldg., Santa Barbara, upon deposit of $25.

Delbert D. Smith, Water Works Superintendent.

BIDS WANTED

SANTA BARBARA, Cal.—Until Feb. 4, 1 P. M. (to be opened at 2 P. M.) bids will be received by Santa Barbara City Council, Geo. D. Geib, city Clerk, for the construction of the El Cielito Water Storage Reservoir.

The proposed reservoir will have a capacity of 1,000,000 gallons, will be circular in shape, and will be of reinforced concrete construction. Estimated cost, $25,000.

The work involves:

(1) 5000 c.y. excavation and grading;
(2) 1700 c.y. backfill earth;
(3) 1100 l.f. drainage;
(4) 565 c.y. concrete;
(5) 22 tons steel;
(6) 23 tons steel band & turnbuckles;
(7) 23,575 sq. ft. forms;
(8) 1760 c.f. gunite covering;
(9) 1052 l.f. fencing;
(10) removing trees;
(11) pipe, valves and fittings;
(12) gate valve house.

Plans and specifications obtainable at the office of the Water Department and at the office of Consulting Engineer George A. Miller, Suite 16-17-18, Carrillo Bldg., Santa Barbara, upon deposit of $25.00.

Delbert D. Smith, Water Works Superintendent.

This is a PWA job and a list of sureties satisfactory to the PWA authorities is on file at the office of the city clerk. Each bid must be accompanied by a certified or cashier's check for 10%.

BIDS WANTED

SANTA BARBARA, Cal.—Until Feb. 10, 2 P. M. (to be opened at 3 P. M.) bids will be received by the Santa Barbara City Council, Geo. D. Geib, City Clerk, for the raising, improving and strengthening of the existing earth fill Sheffield Dam and deepening and paving the Sheffield reservoir, located within the City, a part of the municipal water distribution system

The dam will be raised 11 ft. with rolled earth fill of a minimum width of 25 ft. The paving of the upstream face will be extended to include the new portion of the structure. The estimated cost is $200,000. This is a PWA project and final award of contract will be subject to approval by the PWA engineer.

Plans and specifications were prepared by the consulting engineers, Quinton, Code and Hill-Leeds & Barnard, Suite 905, Edison Bldg., 601 W. Fifth St., Los Angeles. Copies of the contract documents may be seen at the office of the consulting engineers. Drawings will be available for inspection on January 27. Contract documents may be purchased from the Water Works Department, Santa Barbara, or from the consulting engineers in Los Angeles, for $1.00, and all drawings for $4.00, not returnable. Certified or cashier's check or bid bond for 10% must accompany each bid. Delbert D. Smith, Water Works Superintendent.

CONTEMPLATED

PHOENIX, Ariz.—Senator Hayden of Arizona and Senator Hatch, New Mexico, have asked Congressional authority for a series of flood control dams costing $12,803,000 in the upper and lower Gila river basins of Arizona and New Mexico. The request was contained in an amendment to the omnibus floods control bill.

The amendment seeks authority for the construction of these reservoirs:

In the upper Gila basin—Evans Pt. reservoir on lower San Franisco river Ariz., $3,103,000; Conner reservoir on Gila river, N. M., $2,594,000; Eagle reservoir on upper Eagle river, Ariz., $384,000; Luna Springs reservoir on upper Frisco river, N. M., $761,000; Mogollon reservoir on Mogollon river, N. M., $126,000.

In middle Gila basin—Construction of reservoirs at the Charleston, Riverside or Butte sites "as may be determined upon," $5,7500,000.

Those dams in the upper basin would all be placed at sites above Coolidge dam. The Charleston site in the low-basin is on the San Pedro river; the Riverside and Butte sites are on the Gila river below the junction with the San Pedro.

31—PIPE LINES & WELLS

BIDS WANTED

VALLEJO, Solano Co., Cal.—Until February 4, 11 A. M., bids will be received by the Vallejo City Council, Alf E. Edgcumbe, City Clerk, for reconstruction of three portions of the existing Gordon Valley water transmission pipe line located in the vicinity of Creston Station, Napa County, and Cordelia, Solano County. Estimated cost $50,000.

Work includes the replacement of approximately 6000 lin. ft. of existing 24-in. pipe line with 24-in. cast iron pipe.

Bids will be taken as follows:

SCHEDULE 3-D

(1) 5575 cu. yds. trench excavation;
(2) 2300 lin. ft. pipe removal transportation and storage;
(3) 300 lin. ft. fence removal and reconstruction;
(4) 2300 lin. ft. furnishing 24-in. C. I. pipe;
(5) 8000 lbs. furnishing special castings;
(6) 1 only brick manhole structure;
(7) 2300 lin. ft. laying 24-in. C. I. pipe;
(8) 7 tons quarry waste backfill;
(9) 1800 lin. ft. trench backfill, deep trench;
(10) 5362 cu. yds. trench backfill, deep trench;
(11) 500 lin. ft. trench backfill (normal depth);
(12) 1 lot air valves, services, etc., with boxes;
(13) 1 only GMP manholes on reinforced concrete pipe;
(14) 1 only railroad undercrossing.

SCHEDULE 3-E

(1) 3120 lin. ft. trench excavation;
(2) 274 cu. yds. trench excavation, additional;
(3) 3570 lin. ft. pipe removal, transportation and storage;
(4) 2100 lin. ft. fence removal and reconstruction;
(5) 3120 lin. ft. furnishing 24-in. C.I. pipe;
(6) 10,000 lbs. furnishing special castings;
(7) 1 only manhole structure, GMP and C I post;
(8) 1 only furnishing 18-inch gate valve;
(9) 1 only furnishing 14-inch gate valve;
(10) 1 lot cross connection, 14-inch, labor and materials;
(11) 3120 lin. ft. laying 24-in. CI pipe;
(12) 170 lin. ft. trench backfill, deep trench;
(13) 175 cu. yds. trench backfill, deep trench;
(14) 2950 lin. ft. trench backfill normal depth;
(15) 1 lot air valves, services, etc. with boxes;
(16) 2 M.B.M. trench timbering;

SCHEDULE 3-F

(1) 1204 lin. ft. trench excavation;
(2) 1200 lin. ft. pipe removal, transportation and storage;
(3) 60 lin. ft. fence removal and reconstruction;
(4) 1200 lin. ft. furnishing 24-inch C. I. pipe;
(5) 1700 lbs. furnishing special castings;
(6) 1200 lin. ft. laying 24-inch C. I. pipe;
(7) 1204 lin. ft. trench backfilling, (normal depth);
(8) 1 lot air valves, services, etc., with box;
(9) 1 lot repaving roadway.

Plans and specifications obtainable from City Engineer T. D. Kilkenny, upon deposit of $10. *

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

PENDLETON, Oregon — Herber & Sheldon, Rust Bldg., Tacoma, at $21,-753 awarded contract by the Pendleton City Council for improvements to the existing sewage disposal plant.

Bell & Morgan, Rupert, Idaho, at $22,991 submitted the only other bid.

Work will consist of remodeling the existing septic tank, construction of a pump and boiler house and a sludge digester tank, furnishing and placing pipes ,pipe fittings, valves, sludge pump, hot water boiler and appurtenances, sludge digester equipment, etc.

FUNDS ASKED

FRESNO, Cal.—A $525,000 WPA application for sewer construction in Fresno has been approved by the WPA headquarters in Washington. The appropriation will provide Fresno with two main sewer lines leading to outlying districts to the north and east; pumping plants to divert storm waters into Dry Creek, and five intercepting lines to relieve congestion in the business district. If present plans ar econsummated, the projecet will involve construction of 8 miles of sewers. Jean L. Vincenz is commissioner of public wokrs.

CONTRACTS AWARDED

GRESHAM, Ore. — Parker-Schram Co., Couch Bldg., Portland, at $94,-115.95 on concrete pipe, and the Herber & Sheldon Co., Tacoma, at $21,-567.50 for the disposal plant, awarded contracts by the Gresham City Council for construction of a sanitary sewer system, storm water system, and sewage disposal plant.

H. L. Gilbert, 707 Couch Building, Portland, Engineer.

BIDS OPENED

NYSSA, Oregon—Ek & Lind, Railway Exchange Bldg., Portland, at $19,670 on Schedule A, and the Olson Mfg. Co., Boise, at $20,759 on Schedule B, submitted low bids to Nyssa Common Council for the construction of a sewage disposal plant.

Work will consist of a primary clarifier or septic tank with no mechanical equipment, trunk line, concentrating pit or sump, and pump station at the concentrating pit; also main, submains and laterals covering the two business blocks on the North side of Main Street and the six blocks on the south side of Main Street from the railroad to the school house.

CONTRACT AWARDED

SANTA ANA, Orange Co., Cal.—Macco Constr. Co., 815 Paramount Blvd., Clarwater, at $26,000 awarded contract by the Orange County Flood Control District (subject to PWA approval) for construction of a storm drain in La Veta Ave. near Orange. M. N. Thompson, County Flood Control Engineer.

The work involves 6000 lin. ft. of arch covered trapezoidal section, 4 ft. deep, 4 ft. bottom width.

Complete bids follow:

Macco Constr. Co., Clearwater	$26,000
C. F. Robbins, Los Angles	27,000
John Oberg, Los Angeles	31,800
Gates & Huntley, Los Angeles	32,950

BIDS OPENED

EL MONTE, Los Angeles Co., Cal.—George Miller, 9401 Brighton Way, Beverly Hills, at $51,000 submitted low bid to the El Monte City Council Jan. 13 for construction of a sewage treatment plant located on city property near El Monte. The other bids were:

H. G. Klusman, Cucamonga, $51,021.
J. C. Hickey, Alhambra, $53,000.
John Oberg, Los Angeles, $56,200.
Marko Matich, Los Angeles, $56,770
W. H. Hoagland, Long Beach, $59,-250.
J. E. Haddock, Pasadena, $60,000.
Contracting Engineers, Los Angeles, $61,900.

The three low bids were referred to Currie Engineering Co., 219 Anderson Block, San Bernardino, consulting engineers, for checking and recommendation.

Funds for this project are being furnished $30,600 by PWA grant and $27,500 local bond issue. The plant as designed will be of the trickling filter type, with separate sludge digestion.

BID CALL AUTHORIZED

LOS ANGELES, Cal.—The Board of Directors of County Sanitation Dist. No. 2 has authorized A. K. Warren, chief engineer, to advertise for bids for the construction of the Downey-Bellflower trunk sewer, between Downey and Pico. The work is being financed by PWA funds. The approximate quantities are:

26,398 ft. 18-in. extra strength vit. clay pipe;
62 manholes;
15 junction chambers;
500 tons gravel bed as required.

BIDS OPENED

SAN FRANCISCO — Healy-Tibbitts Constr. Co., 64 Pine St., at $96,200 on Proposal A, and F. W. Snook Co., 596 Clay St., at $37,884 on Proposal B submitted low bids to the Department of Public Works, City Hall, under Spec. No. 18,890, for construction of the Marina sewage pumping plant and alterations to the existing Pierce Street Sewer. The pumping plant will be located in the Marina Parkway adjacent to Marina Blvd. and opposite Casa Way.

Bids were taken as follows:

PROPOSITION A

(1) 6450 lin. ft. wood piles below cutoff;
(2) Structural work.

Work to be done under Proposition A includes construction of a reinforced concrete underground pumping plant, approximately 50 ft. inside diameter, including termic seal, venturi vaule and flagpole; a diversion structure and necessary alterations to the existing Pierce St. sewer.

PROPOSITION B

(1) Mechanical work, which includes furnishing and installing 10-inch and 8-inch pumps, valves, venturi tube, recording apparatus and miscellaneous equipment.

PROPOSITION C

(1) 6450 lin. ft. wood piles below cutoff;
(2) Structural work;
(3) Mechanical work.

Proposition C combines the work included in Propositions A and B.

Complete bids follow:

PROPOSITION A

Healy-Tibbitts Constr. Co., (1) $1.20; (2) $88,460; total $96,200.
MacDonald & Kahn Co., Ltd., (1) *0c; (2) $96,000; total, $99,870.
Eaton & Smith, (1) $1.06; (2) $94,000; total, $100,837.
M. B. McGowan, Inc., (1) $1.00; (2) $95,396; total, $101,846.
Barrett & Hilp, (1) $1.50; (2) $102,762; total, $112,437.

PROPOSITION B

F. W. Snook Co.	$37,884
Alta Elec. & Mech. Co., Inc.	38,265
H. S. Tittle Co.	38,510
Herman Lawson Co.	41,880
Anderson & Rowe	43,000
P. L. Burr	44,432

PROPOSITION C

Barrett & Hilp, (1) $1.50; (2) $102,762; (3) $46,248; total, $158,685.

All bids referred to City Engineer John J. Casey. *

SUB-BIDS WANTED

SAN FRANCISCO.—M. B. McGowan, Inc., Call Bldg., desires sub-bids on all portions of the work for construction of the Marina sewage pumping plant and alterations to the existing Pierce Street sewer, for which bids will be opened by the Department of Public Works, Room 251, City Hall, January 22, 2:30 P. M. Spec. No. 18,890. *

ELECTION

SPOKANE, Wash.—The City Commissioners have set March 10 as the date of an election to approve construction of a $2,000,000 sewage disposal plant.

A. D. Butler, City Engineer.

NEW BIDS ASKED

SONORA, Tuolumne Co., Cal.—Until February 3, 8 P. M., new bids will be received by the Sonora City Council, J. V. Wulff, City Clerk, for the

construction of intercepting and outfall sewers and sewage treatmenet plant.

All bids received November 22 have been rejected. W. J. Tobin, 586 Howard St., San Francisco, submitted the previous low bid at $68,662.62.

Plans and specifications have been revised by John S. Bates, 3134 Eton Ave., Berkeley, Engineer.

The PWA has allotted a grant or 45% of the total cost which was estimated at $45,869.

33— WATER WORKS

BIDS OPENED

SAN FRANCISCO.—Lowrie Paving Co., 1540 16th Street, at $19,489.20 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 105, for laying 6- and 8-in. cast iron mains in the area from Crizaba Ave. to Rolph St. and from Seneca Ave. to the County Line.

The work involves:

(1) 24,580 l.f. excavation and backfill trench 17x36-in.;
(2) 390 c.y. additional excavation and backfill;
(3) 870 s.f. additional pavement removal and replacement;
(4a) 18,340 l.f. installing 6-inch B & S cast iron pipe;
(4b) 6,240 l.f. installing 8-in. do;
(5) 21,090 lbs. installing fittings, etc.;
(6) 2,210 l.f. making joints, B & S;
(7) 35,000 sq. ft. repavement.

Total bids follow:

(A) Lowrie Paving Co. $19,489.20
(B) Pacific States Const. Co. 19,648.90
(C) W. J. Tobin 19,751.30
(D) E. J. Treacy 20,965.26

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$.28	$.34	$.34	$.397
(2)	.20	.50	.50	.50
(3)	.30	.30	.30	.30
(4a)	.07	.07	.06	.06
(4b)	.08	.08	.08	.08
(5)	.02	.02	.02	.02
(6)	.30	.29	.27	.26
(7)	.26	.22	.23	.225

N. A. Eckart, chief engineer.

BIDS OPENED

SAN FRANCISCO. — Pacific States Construction Co., 708 Call Bldg., at $26,420.10 submitted low bid to the Public Utilities Commission, City Hall under Spec. No. W. D. 104, for laying 6- and 8-in. cast iron mains in the area from Esmeralda to Silver Ave. and from Waterville to Mission Sts.

The work involves:

(1) 29,000 l.f. ecavation and backfill trench 17x36-in.;
(2) 460 c.y. additional excavation and backfill;
(3) 1,030 s.f. additional pavement removal and replacement;
(4a) 27,060 l.f. installing 6-inh B & S cast iron pipe;
(4b) 1,940 l.f. installing 8-in. do;
(5) 30,600 lbs. installing fittings, etc.;
(6) 3,570 l.f. making joints, B & S;
(7) 41,000 s.f. repavement.

Total bids follow:

(A) Pacific States Const. Co.. $26,420.10
(B) W. J. Tobin 28,233.70
(C) Lowrie Paving Co. 42,126 80

Unit bids follow:

	(A)	(B)	(C)
(1)	$.42	$.48	$.85
(2)	.50	.50	.50
(3)	.30	.30	.30
(4a)	.075	.08	.09
(4b)	.095	.10	.11
(5)	.02	.02	.03
(6)	.29	.27	.30
(7)	.24	.24	.30

N. A. Eckart, chief engineer.

BIDS REJECTED

FLORENCE, Oregon.—All bids received by the Florence City Council, Mary T. Andreasen, City Recorder, Jan. 15, for the rehabilitation and extension of the city water system have been rejected and new bids will be called shortly.

O. N. Pierce and Frank L. Connor, Portland, at $13,935 on wood pipe, and at $15,003 on steel pipe submitted the lowest bid received.

SURVEY AUTHORIZED

SAN JOSE, Santa Clara Co., Cal.—San Jose City Council has retained T. J. Hopkins, formerly connected with the California Railroad Commission, to make a preliminary survey of the San Jose Waterworks Company's holdings and properties. An offer of $4,500,000 made by the city recently for the water system was rejected by the company.

BIDS WANTED

PORT ORFORD, Ore.—Until Feb. 1, 10 A. M., bids will be received by the Port Orford City Council, S. A. Laurence, City Recorder, for the construction of an intake reservoir, water supply and distribution system, including hydrants and other accessories. Work will include catchbasins, pumping station reservoir, 1600 feet of 8- and 5300 ft. of 6-in. cast iron bell and spigot water mains; 4,000 ft. of bell and spigot cast iron water mains; 8,500 ft. of galvanized iron pipe; 12 fire hydrants; 100 water meters, etc.

Specifications obtainable from above office upon deposit of $10.

BIDS WANTED

COMPTON, Los Angeles Co., Cal.—Until January 30, 8 P. M., bids will be received by the Compton City Council for furnishing and delivering of the following list of materials, to be used for the construction of water mains under WPA Work Project No. 1101-585, in accordance with the plans and specifications in the office of the City Engineer.

9 fire hydrants;
8000 lbs. lead;
570 each 6-in. C.I. pipe;
8000 lin. ft. ¾-in. coppr service pipe;
700 ¾-in. brass fittings;
3 each ¼-in. brass fittings;
2000 lin. ft. 2-in. galvanized iron pipe wrapped;
4-in. and 6-in. C. I. fittings.

No bid will be accepted from any contractor who has not complied with all the federal regulations in regard to the employment of labor.

Certified check, 10%. Albert B. Gidley, City Manager and City Engineer.

CONTRACT AWARDED

SAN FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at $17,976.50 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,872, for construction of three reinforced concrete fire cisterns, Group 1, in connection with A.W.S.S. for fire protection.

CONTRACT AWARDED

DOS PALOS, Merced Co., Cal.—P L. Burr, 320 Market St., San Francisco, at $58,620 awarded contract by the Dos Palos City Council for constructing a municipal water works system providing for a supply from the San Joaquin and Kings River Canal Co., and construction of a filter and purification system with necessary distribution system.

Complete bids published Nov. 26.

John S. Bates, 3134 Eton Ave., Berkeley, Engineer.

BIDS WANTED

PEARL HARBOR, T. H.—Until Jan. 29, 11 A. M., as previously reported, bids will be received by Commander P. J. Searles, Public Works Officer, Navy Yard, Pearl Harbor, T. H., under Spec. No. 8128, for improvements to the water supply system, Naval Fleet Air Base, Pearl Harbor.

The work involves:

(1) A 12-in. cast iron supply line approximately 4000 ft. in length from the Navy Yard to the Fleet Air Base at Fort Island; 2200 ft. of this line is subaqueous.
(2) A distribution system on Ford Island composed of about 6600 ft. of 6-in. cast iron bell and spigot pipe.

The necessary earthwork, trenching for the subaqueous line, concrete work, valves and hydrants are also included.

Plans and specifications obtainable from the Commandant, 14th Naval District, Navy Yard, Pearl Harbor, or from the Commandant, 12th Naval District, 100 Harrison St., San Francisco, upon deposit of $25.

NOTE: The specifications number was previously reported at 6128.

COMPLETE BID LISTING

PEARL HARBOR, T. H. — John Hansen, Honolulu, at $50,000 on Item 1, and at $40,000 on Item 2, as previously reported, submitted low bids to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 7447, for alterations to pump and fuel oil piping system and new motor-driven fuel oil pump and piping at the Naval Fuel Depot, Pearl Harbor, T. H.

Complete bids follow:

John Hansen, Honolulu, (1) $50,000; (2) $40,000.
Hawaiian Contracting Co., Honolulu, (1) $82,360; (2) $71,600
Young Engineering Co., Honolulu, (1) $86,000; (2) $72,000.
Island Welding & Supply Co., Hononlulu, (1) $88,500; (2) $76,500.
W. S. Ching, Honolulu, (1) $92,870; (2) $81,980.

BIDS OPENED

MULTNOMAH, Oregon—West Coast Constr. Co., Lloyd Bldg., Seattle, at $12 059 submitted low bid to the Home Water District, Multnomah, January 14, for construction of water system improvements.

Work will include 5,140 lin. ft. of 18- and 8-inch cast iron water pipe mains with necessary gate valves and pipe fittings, etc.

The three low bids follow:

West Coast Constr. Co., Seattle, $12,059.
Parker - Schram Co., Portland, $14,165.
United Contracting Co., Portland, $14,293.

C. E. Carter, 823 Spalding Bldg., Portland, consulting engineer.

BIDS OPENED

MONMOUTH, Oregon.—West Coast Const. Co., Lloyd Bldg., Seattle, at $17,410 submitted low bid to the Monmouth City Council, Paul Tacheron, City Recorder, for reconstruction of the waterworks distributing system.

Complete bids follow:

West Coast Const. Co., Seattle..$17,410
Ek & Lind, Portland 18,715
J. C. Compton, McMinnville..... 20,692
Schmitt Const. Co., Portland..... 20,908
Parker-Schram Co., Portland..... 21,385

PLANS AWAITING PWA APPROVAL

SACRAMENTO, Calif. — Plans and specifications for two 3,000,000-gallon concrete water storage tanks have been adopted by the Sacramento City Council and a call for bids will be issued as soon as PWA approval is received. Estimated cost, $368,000.

One tank will be located on the State fair grounds and the other near Sacramento stadium.

Henry D. Dewell, 55 New Montgomery St., San Francisco, is consulting engineer for the project.

CONTRACT AWARDED

SEAL BEACH, Orange Co., Cal.—H. A. Teget, Box 1361, Seal Beach, at $52,956.45 submitted low bid and was awarded contract (subject to approval by the PWA) by the Seal Beach city council January 17 for construction of a water system, including one 150,000-gallon capacity elevated steel tank, 12,000 ft. of distributing system, one 16-in. dia. water well approximately 600 ft. in depth, two booster pumps and one 140,000-gallon capacity concrete reservoir. Currie Engr. Co., 219 Andreson Bldg., San Bernardino, consulting engineer.

The other bids were:

J. C. Hickey, Alhambra, $55,000.

Marko Matich, Los Angeles, $58,962.-90.

W. E. Allen, Long Beach, $59,197.54.

Hoagland Const. & Engr. Co., Long Beach, $59,632.03.

BIDS WANTED

CANYON CITY, Ore.—Until Feb. 7, 7:30 P. M., bids will be received by George Hagny, City Recorder, Canyon City, for construction of improvements to the water works system, including 18,500 ft. of 4-in. O. D. steel water supply line and a 200,000 gallon concrete reservoir.

Specifications obtainable from above office upon deposit of $10.

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until February 4, 11 A. M., bids will be received by the Public Works Officer Headquarters, 11th Naval District, Foot of Broadway, San Diego, under Spec. No. 8086, for gasoline pumping equipment at the 11th Naval District, Naval Reserve Aviation Base, Municipal Flying Field, Long Beach.

The new pumping unit will consist of a 2-in. positive displacement pump of not less than 140 G.P.M. capacity; a direct-connected 3-hp., 3-phase, 50-cycle, 230-volt electric motor, together with electric conduit, electric conductors, motor starter, switch and push button station, concrete foundation, gasoline piping, meter and dispensing hose, and appurtenances.

Plans and specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

SAN FRANCISCO — MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., at $137,964 awarded contract by the Public Utilities Commission, City Hall, under Spec. W.D. 101, for laying 20-in. and 24-in. steel feeder mains in Bacon, Phelps, Williams, Third and Thornton Streets.

SAN FRANCISCO—Until February 6, 3:00 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, undr S. F. W. D. Spec. No. 109 for laying six-inch cast iron mains in Pacheco St. from Eleventh Ave. to Aerial Way.

The work involves:

(1) 750 lin. ft. excavation and backfill for 6-inch pipe, trench 17-in. wide by 36-in. deep;
(2) 750 lin. ft. installing 6-in. bell and spigot cast iron pipe;
(3) 1000 lbs. installing fittings, gate valves, etc.;
(4) 100 lin. ft. making bell and spigot joints for pipe and fittings;
(5) 1200 sq. ft. repavement;
(6) Lump sum pipe and service connections, work to be done by the San Francisco Water Dept.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $10.

BIDS WANTED

SAN FRANCISCO—Until February 6, 3:00 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under S. F. W. D. Spec. No. 106 for laying twenty-inch steel feeder mains in the Park-Presidio and Sunset Districts, a PWA project.

The work involves:

(1) 20,820 lin. ft. fabrication, etc. 20-in. steel pipe;
(2) 15 roundabout seams, fabrication of bends from 20-in. pipe;
(3) 20,700 lin. ft. excavation and backfill, normal trench, 20-in. pipe;
(4) 100 cu. yds. additional excavation and backfill, from normal trench to 8-ft. below official street surface;
(5) 50 cu. yds. additional excavation and backfill for trench over 8-ft. below official street surface;
(6) 100 cu. yds. excavation and backfill for drains;
(7) 100 cu. yds. excavation and backfill for blowoffs;
(8) 1000 sq. ft. additional pavement removal and replacements;
(9) 350 lin. ft. installation of drains;
(10) 20,700 lin. ft. installation of 20-in. steel pipe;
(11) 300 lin. ft. making joints, bell and spigot;
(12) 45,000 lbs. installation of fittings;
(13) 56,000 sq. ft. repavement.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 125 Mason St., upon deposit of $10.

N. A. Eckert, General Manager and Chief Engineer.

34 — PARKS AND PLAYGROUNDS

BIDS WANTED

REDWOOD CITY, San Mateo Co., Cal.—Until February 5, bids will be received by the Custodian, U. S. Post Offic Redwood City, for lawn sprinkler system at the U. S. Post Office, Redwood City. 31

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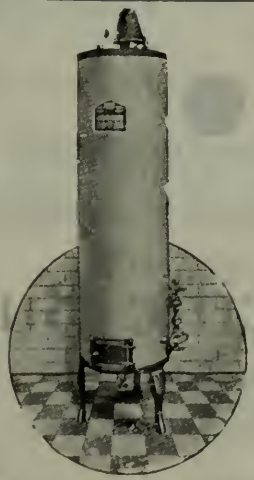

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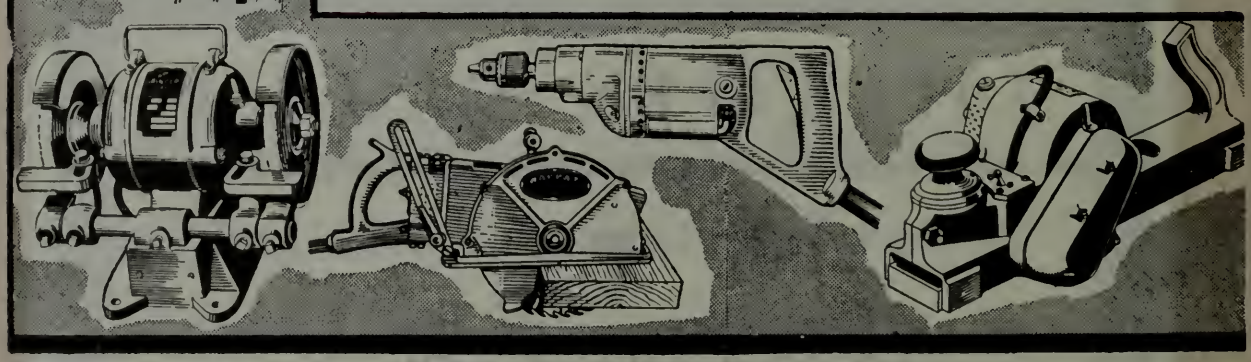

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Vol. XIX SAN FRANCISCO, CALIF., FEBRUARY 1, 1936 No. 5

Shoals Dredging Contracts To Be Let; U. S. Engineers Direct $3,000,000 Job

First contracts for reclamation of Yerba Buena shoals will be placed on the market shortly, it was learned yesterday following announcement by President Leland W. Cutler of the San Francisco Bay Exposition that $3,043,120 for the project will be turned over to the War Department this week.

Mr. Cutler said he had learned through a long distance telephone conversation with WPA officials in Washington that the transfer of funds, the "go-ahead" signal awaited by U. S. Engineers here, will be made in the current week.

Advertisement for bids, award of contracts and supervision of the th project will be in the hands of the U. S. Engineers, headed by Lt.-Col. J. A. Dorst, San Francisco district engineer.

First contracts for dredging and construction of a seawall around the 400-acre exposition site and future airport, one of the largest Pacific Coast projects of its sort on record, will be advertised shortly after authorization to proceed is received here, the district engineer told Daily Pacific Builder.

Work will include approximately 18,000,000 cubic yards of dredging and construction of a rubble seawall nearly four miles in length.

Test borings already have been made by army engineers, taking samples of materials in order to make more complete data available to contractors planning to figure the job.

NAVY TO BUILD ALAMEDA BASE

Alameda voters at a special election Tuesday authorized transfer of 929 acres of municipal tidelands to the Navy Department for development as a fleet air base, contingent upon an early expenditure of $1,000,000 for improvements.

Unofficial reports state expenditure of $15,000,000 or more may be recommended by Navy officials to establish one of the largest naval facilities, comparable with Hampton Roads, Va., or San Diego. Construction will include channel dredging and docks to accommodate aircraft carriers, it is understood. The base adjoins Benton Field, selected several years ago as a supply base for Army Air Corps and on which some improvements have been made.

CONTRA COSTA DEALERS ELECT NEW OFFICERS

W. S. Van Winkle of Port Chicago has been elected president of the Contra Costa Building Material Dealers' Association for 1936. Other officers are Norman Schmalholz, Pittsburg, and Frank Beede, Antioch, secretary-treasurer.

IN NEW OFFICES

The offices of Architects William H. Weeks and Harold H. Weeks have been moved to the Balboa Bldg. at 593 Market St. Formerly they were located in the Underwood Bldg. The telephone number will not be changed.

Burlingame Bond Vote February 25 For School Work

Approval of an $85,000 bond issue to finance reconstruction of six elementary schools will be sought from voters of the Burlingame elementary school district February 25, when the proposal will be resubmitted at a special election, it was announced last week.

Preliminary plans for the work have been prepared by Architect James H. Mitchell and Structural Engineer Harold B. Hammill. In addition to structural work the bond issue will provide about $10,000 for improving lighting systems in the schools.

WASHINGTON SCHOOL SHOP READVERTISED

City To Take New Bids Feb. 7 On General Contract

The general contract for construction of the shop unit at Geo. Washington high school, which according to City Architect Chas. H. Sawyer will cost about $117,000, today was out for bids again, with proposals scheduled for opening by the San Francisco Department of Public Works February 7.

Hoping to interest contractors who failed to bid on the project last week, the department lowered the deposit for plans from fifty dollars to twenty-five dollars.

Bids for mechanical and electrical work on the shop building are being held under advisement pending assurance that proposals for the general work will be received.

Eaton & Smith, 715 Ocean Ave., yesterday submitted a low bid of $29,073 to the department for construction of five fire cisterns on Dolores street between Twenty-second and thirtieth streets. Second and third low bidders, respectively, were C. C. W. and H. H. Haun at $29,863 and MacDonald & Kahn Co. Ltd., at $30,115.

Bids for construction of a lighting system on Fifth street between Market and Townsend streets will be opened February 14, it was announced yesterday. Cost is estimated by City Engineer John J. Casey at $13,000.

TRAYER PROMOTED BY FOREST SERVICE

Appointment of George W. Trayer, research engineer at the Forest Products Laboratory in Madison, Wis., as chief of the Forest Products Division, U. S. Forest Service, is announced by Chief Forester F. A. Silcox. Mr. Trayer has been a member of the Forest Service on the Forest Products Laboratory staff for sixteen years. He is author of several bulletins and reports on the use of wood in construction and of a book, "Wood in Aircraft Construction."

BIDS FEB. 10 ON MONTEREY COURTHOUSE

$400,000 Building Will Replace Existing County Offices In Salinas

The Monterey county supervisors will open bids February 10 for construction of the $400,000 courthouse in Salinas, one of the largest PWA building projects in Northern California, it is announced, following approval of plans last week by State PWA Director A. D. Wilder.

The courthouse will be a three-story reinforced concrete building, of fireproof construction throughout, according to plans prepared by Architects Chas. Butner of Salinas, and Robt. Stanton of Carmel. Richard Ware is engineer for the project.

The building will occupy the entire block on which the existing courthouse now stands. It will be erected around the old courthouse, and when the new building is completed the old will be razed, leaving a patio in the center of the structure.

The building will have reinforced concrete foundations, composition roofing, and a complete steam heating system with gas-fired boilers and thermostatic temperature control.

Bids are being taken on a general contract for the work complete.

Plans and specifications are available to prospective bidders from the architects and from the county clerk at Salinas, upon deposit of fifty dollars. They also will be on file at the San Francisco and Los Angeles Builders' Exchanges.

FOUR-WHEEL DRIVE BOOKLET ISSUED

An illustrated sixteen-page booklet demonstrating uses of four-wheel-drive trucks in highway work is a recent publication of the Four Wheel Drive Auto Co., Clintonville, Wis. The booklet contains action photographs and descriptions of the four-wheel-drive truck on snow removal, road building, road maintenance and general hauling jobs. Copies may be obtained without charge by writing the manufacturer.

TYNAN ROOFING CO. SOLD TO THOMLISON

Purchase of the Tynan Roofing and Tile Company is announced by John W. Thomlison of Salinas. Mr. Thomlison will operate the business as the Monterey County Roofing and Tile Company with headquarters in Salinas National Bank Building. A complete line of roofing, composition shingles, roof tile, wooden shingles and interior tile will be stocked.

$1,000,000 JOBS TO STOCKTON FIRM

Award of contract to Wood & Bevanda of Stockton at $718,355 for constructing Iron Mountain pumping plant of the Colorado River Aqueduct was announced Saturday by the Los Angeles Metropolitan Water District. The cost of the plant to the district will be $1,100,000 with equipment and materials which are to be supplied the contractor. Site of the pumping station is in San Bernardino County, about 13 miles northwest of Rice.. Award to the firm of Wood & Bevanda of a contract for concrete lining canals of the West Stanislaus Irrigation District at a bid price of $180,027 brings to the Stockton contractors approximately $1,00,000 in new work during the past week.

Dr. Elwood Mead Reclamation Chief, Dies in Washington

Death of Dr. Elwood Mead in Washington, D. C., Sunday, ended the career of a public official who has been identified with the West's greatest construction projects. Dr. Mead, director of the U. S. Bureau of Reclamation since 1924, was chief of this government division during the period of its largest construction program.

Under his administration projects were planned and placed in construction that measure with the greatest engineering feats of modern times. All of them are located in the western states. Largest of these are Boulder Dam, All-American Canal, Grand Coulee Dam and Central Valley Water Project. At the time of his death the bureau is directing work costing approximately $175,000,000.

Dr. Mead died following a two weeks' illness. He was 78 years of age January 16.

TWO CATALOGS LIST EMERSON FAN LINE

Two catalogs listing the complete Emerson line of electric fans have just been issued by the Emerson Electric Mfg. Co., Inc., St. Louis, Mo. They are the 1936 Emerson Fan Catalog No. X1149 and the Emerson Seabreeze Popular-Priced Fan Catalog No. X1150.

Among recent additions to the Emerson line are a ten-inch Silver Swan, the "Imperial"; a new line of air circulators with four styles of mountings; a sixteen-inch patented overlapping-blade fan, and a complete line of ceiling fans.

Copies of the catalogs may be obtained without charge by writing the manufacturer.

U. S. BUILDING FOR DECEMBER NEAR '35 PEAK

Non-residential Work Increases Total: 72% Gain In Year Over 1934

Reports from principal cities to the U. S. Bureau of Labor Statistics indicate that the value of all building construction for which permits were issued in December was $76,000,000, a decrease of three per cent from the November total. However, the December total was within fifteen percent of the peak month of August and was 150 percent greater than in December, 1934.

The labor bureau report states:

"The decrease during the month was entirely accounted for by declines in residential construction and in additions, alterations and repairs to existing structures. The value of permits isssed for new non-residential construction during December shows an increase of 21.9 per cent over November.

"Although a decrease is shown over the month period for the country as a whole, five geographic divisions—West North Central, South Atlantic, West South Central, Mountain and the Pacific states—showed an increase in building construction activity."

The percent of change from November to December 1935 for the different types of construction is indicated below.

Type of Building	No.	Est. Cost
New residential	— 19.6	— 23.7
New nonresidential	— 34.6	+ 21.9
Additions, alterations, repairs	— 26.7	— 9.3
Total	— 27.3	— 3.0

The precent of increase in December over the same month of a year ago is shown, by type of construction, in the following table:

Type of Building	No.	Est. Cost
New residential	+155.9	+224.4
New nonresidential	+ 30.4	+182.7
Additions, alterations, repairs	+ 10.6	+ 57.2
Total	+ 24.7	+150.1

Living quarters will be provided for 5,494 families in the new dwellings for which permits were issued in December. This is an increase of 188.1 percent compared with December 1934. The data presented in the tables above include, in addition to private construction, the number and value of buildings for which contracts were awarded by Federal and state governments in the 793 cities included in the report. For December 1934 the value of such buildings amounted to $2,210,742; for November 1935, $7,737,017, and for December 1935, $7,160,680.

Shipments of electric industrial trucks and tractors numbered 920 during 1935, as compared with 593 during the preceding year and 516, in 1933, according to the Bureau of the Census.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
103	McArthur	Owner	3000
104	McArthur	Owner	3000
105	DeBenedetti	DeBenedetti	3000
106	DeBenedetti	DeBenedetti	3000
107	Roman	Cahill	40000
108	Progressive	Plagge	1850
109	Consolidated	Owner	2500
110	Horn	Owner	1000
111	Spelt	Owner	1500
112	Burner	Owner	3000
113	Benson	Owner	4000
114	Anza	Rousseau	5000
115	Peterson	Owner	3000
116	Ttorinson	Owner	3000
117	Patterson	Galway	2000
118	Nutter	Owner	2000
119	Young	Dupuy	9000
120	Mancuso	Miller	5000
121	Hawkins	Owner	18500
122	Doelger	Owner	4000
123	Doelger	Owner	4000
124	Doelger	Owner	4000
125	Doelger	Owner	4000
126	Doelger	Owner	4000
127	Doelger	Owner	4000
128	Doelger	Owner	4000
129	Doelger	Owner	4000
130	Doelger	Owner	4000
131	Doelger	Owner	4000
132	Doelger	Owner	4000
133	Doelger	Owner	4000
134	Doelger	Owner	4000
135	Doelger	Owner	4000
136	Doelger	Owner	4000
137	Doelger	Owner	4000
139	Doelger	Owner	4000
140	Doelger	Owner	4000
141	Doelger	Owner	4000
142	Lindsay	Owner	3300
143	Lindsay	Owner	3300
144	Lindsay	Owner	3300
145	Lindsay	Owner	3000
146	Anza	Rousseau	5000
147	Galli	Owner	4500
148	Galli	Owner	4500
149	Galli	Owner	5000
150	Galli	Owner	5000
151	McAfee	Owner	2500
152	McAfee	Owner	2500
153	McAlfee	Owner	2500
154	McAlfee	Ownr	2500
755	Morosini	Grant	1800
156	Falk	Barrett	3000
157	New	Owner	1000
158	Worth	Akard	250
159	Bouquet	Mullen	1000
160	American	Wagner	2500
161	Hotaling	Jensen	5000
162	Anderson	Owner	3000
163	Beatty	Rosemont	6000
164	Gordon	Sandino	3000
165	Young	Owner	3700
166	Young	Owner	3700
167	Young	Owner	3700
168	Young	Owner	3700

DWELLING
(103) NE COTTER 518 SE San Jose Ave. One-story and basement frame dwelling.
Owner—R. C. McArthur, 6301 Mission St., San Francisco.
Architect — Oscar R. Thayer, 1120 Union St $3000

DWELLING
(104) NE COTTER 543 SE San Jose Ave. One-story and basement frame dwelling.
Owner—R. C. McArthur, 6301 Mission St., San Francisco.
Architect — Oscar R. Thayer, 1120 Union St $3000

DWELLING
(105) S SAN JUAN ST. 95 E Cayuga St. One-story and basement frame dwelling.
Owner — A. De Benedetti, 22 Cotter St., San Francisco.
Architect—Donnell E. Jaekle, 126 Post St., San Francisco.
Contractor—A. De Benedetti & Son, 100 Brazil Ave. $3000

DWELLING
(106) S SAN JUAN ST. 50 E Cayuga St. One-story and basement frame dwelling.
Owner — A. De Benedetti, 22 Cotter St., San Francisco.
Architect—Donnell E. Jaekle, 126 Post St., San Francisco.
Contractor—A. De Benedetti & Son, 100 Brazil Ave. $3000

CHAPEL AND CONVENT
(107) N OAK ST. 125 E Fillmore St. Two-story and basement Class B chapel and convent.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—John J. Foley, 770 5th Ave. San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco. $40,000

ALTERATIONS
(108) NE GEARY AND STOCKTON Sts. Alter stores and offices.
Owner — Progressive Optical System, Inc., 721 Market St., S. F.
Architect—Not Given.
Contractor — Albert A. Plagge, 1474 30th Ave., San Francisco. $1850

ALTERATIONS
(109) NO. 155 SAN BRUNO AVE. Alter warehouse.
Owner—Consolidated Milling Co., 151 San Bruno Ave., San Francisco.
Architect—Not Given. $2500

ALTERATIONS
(110) NO. 60, 62, 64, 66 PLEASANT St. Alter flatst.
Owner—Harry Horn, 170 Upland Dr., San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(111) NO. 1370-72 FIFTH AVENUE Alter flats.
Owner—Ada Spelt, Premises.
Architect—Not Given. $1500

DWELLING
(112) S YORK ST. 50 W Holliday St. One-story and basement frame dwelling.
Owner—Leonard A. Burner, 4014 Geary St., San Francisco.
Architect—C. M. Cook, 2363 33rd Ave. San Francisco. $3000

DWELLING
(113) E TWENTY-NINTH AVE. 150 N Taraval St. One-story and basement frame dwellling
Owner—Andrew J. Benson, 2324 15th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(114) E LYON ST. 125 N Lombard. One-story and basement frame dwelling.
Owner—Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St., S. F. $5000

DWELLING
(115) S TWENTY-EIGHTH ST. 230 W Noe St. One-story and basement frame dwelling.
Owner—Gust L. Peterson, 229 Bon View Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(116) E JULES ST. 175 S De Montford St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(117) NO. 2355 JONES ST. Alter flats.
Owner—Lora C. Patterson, 285 Chestnut St., San Francisco.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—Robert F. Galway, 2071 Sutter St., San Francisco $2000

STATION
(118) SW BAYSHORE AND VISITACION: Class C service station.
Owner—B. N. Nutter, 2500 Bayshore Blvd., San Francisco.
Architect—Not Given $2000

DWELLING
(119) E BAUMONT ST. 165 N Turk St. Two-story frame dwelling.
Owner—Mrs. H. Young, % Contractor.
Architect—Douglas Dacre Stone, 110 Sutter St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco. $9000

DWELLING
(120) SE COLLEGE AND CRESCENT. One-story and basement frame dwelling.
Owner—Dr. R. S. Mancuso, % Contractor.
Architect—Donnel E. Jaekle, 126 Post St., San Francisco.
Contractor — Miller & McGillis, 527 19th Ave., San Francisco $5000

APARTMENTS
(121) E NINETEENTH AVE. 90 N Sloat Blvd. Two-story frame apartments.
Owner—Mabel Hawkins, 485 Dewey Blvd., San Francisco.
Architect—Not Given. $18,500

DWELLING
(122) E THIRTY-FIRST AVE. 250 N Judah. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(123) E SEVENTEENTH AVE. 225 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(124) E SEVENTEENTH AVE. 150 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(125) E SEVENTEENTH AVE. 75 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(126) E SEVENTEENTH AVE. 250 N Moraga St. One-story and basement frame dwelling.

Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(127) E SEVENTEENTH AVE. 175 N Moraga. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(128) E THIRTY-FIRST AVE. 275 N Judah. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(129) E SEVENTEENTH AVE. 250 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(130) E SEVENTEENTH AVE. 175 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(131) E SEVENTEENTH AVE. 100 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $1000

DWELLING
(132) E SEVENTEENTH AVE. 275 N Moraga St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(133) E SEVENTEENTH AVE. 200 N Moraga St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(134) E SEVENTEENTH AVE 125 N Moraga St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(135) E SEVENTEENTH AVE. 275 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(136) E SEVENTEENTH AVE. 200 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(137) E SEVENTEENTH AVE. 125 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(138) E SEVENTEENTH AVE. 50 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(140) E SEVENTEENTH AVE. 225 N Moraga St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(141) E SEVENTEENTH AVE. 150 N Moraga St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(142) E THIRTIETH AVE. 275 N Moraga St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3300

DWELLING
(143) E THIRTIETH AVE. 250 N Moraga St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3300

DWELLING
(144) E THIRTIETH AVE. 200 N Moraga St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3300

DWELLING
(145) E THIRTIETH AVE. 225 N Moraga St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(146) SW MARINA BLVD. 97 NW Beach. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, % Contractor.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St. $5000

DWELLING
(147) SE DEWEY BLVD. 472 NE Pacheco St. One-story and basement frame dwelling.
Owner—R. F. Galli, 377 West Portal, San Francisco.
Architect—Not Given. $4500

DWELLING
(148) SE DEWEY BLVD. 509 NE Pacheco St. One-story and basement frame dwelling.
Owner—R. F. Galli, 377 West Portal, San Francisco.
Architect—Not Given. $4500

DWELLING
(149) SE DEWEY BLVD. 546 NE Pacheco St. One-story and basement frame dwelling.
Owner—R. F. Galli, 377 West Portal, San Francisco.
Architect—Not Given. $5000

DWELLING
(150) SE DEWEY BLVD. 435 NE Pacheco St. One-story and basement frame dwelling.
Owner—R. F. Galli, 377 West Portal, San Francisco.
Architect—Not Given. $5000

DWELLING
(151) W LONDON ST. 136 S France. One-story and basement frame dwelling.
Owner—R. A. McAfee, 125 Cervantes St., San Francisco.
Architect—Not Given. $2500

DWELLING
(152) W LONDON ST. 214 S France. One-story and basement frame dwelling.
Owner—R. A. McAfee, 125 Cervantes St., San Francisco.
Architect—Not Given. $2500

DWELLING
(153) W LONDON ST. 188 S France. One-story and basement frame dwelling.
Owner—R. A. McAfee, 125 Cervantes St., San Francisco.
Architect—Not Given. $2500

DWELLING
(154) W LONDON ST. 162 S France. One-story and basement frame dwelling.
Owner—R. A. McAfee, 125 Cervantes St., San Francisco.
Architect—Not Given. $2500

ALTERATIONS
(155) NE PACIFIC AND VAN NESS Aves. Alter store.
Owner — Chas. Morosini, 929 Filbert St., San Francisco.
Architect—Not Given.
Contractor—Grant Martinelli Constr. Co., 44 Mary St. $1800

ALTERATIONS
(156) NO. 2506 GREEN ST. Alter dwelling.
Owner—A. W. Falk, % Contractor.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $3000

ALTERATIONS
(157) NO. 2598 MISSION ST. Alter store.
Owner — New Mission Market, 2584 Mission St., San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(158) NO. 554 BRYANT ST. Alter offices.
Owner—C. A. Worth & Co., 145 Main St., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor—W. C. Akard, 225 Cervantes St., San Francisco. $2500

ALTERATIONS
(159) NW MARKET AND BATTERY Sts. Alter store.
Owner—Bouquet Cohn, Premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St. $1000

ALTERATIONS
(160) NO. 510 TENTH ST. Alter warehouse.
Owner—American Rolling Mill Co., Premises.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $2500

ALTERATIONS
(161) NO. 1278 MARKET ST. Alter hotel and store.
Owner—F. C. Hotaling, % Contractor.
Architect—J. E. Krafft & Son, Phelan Bldg., San Francisco.
Contractor—G. P. W. Jensen & Son, 320 Market St. $5000

DWELLING
(162) E THIRTY-SECOND AVE. 200 N Moraga St. One-story and basement frame dwelling.
Owner — C. Anderson, 146 Granville Way, San Francisco.
Architect—Not Given. $3000

DWELLING
(163) SE MAGELLAN ST. 487 NE Pacheco St. Two-story and basement frame dwelling.
Owner—Geo. Beatty, 138 Erie St., San Francisco.

Architect—Geo. Travis, % Contractor
Contractor—Ed Rosemont, 176 Duboce Ave. $6000

DWELLING
(164) W ALMADEN ST. 140 N North Anza Street extension, Francisco Heights. One-story and basement frame dwelling.
Owner—Robert Gordon, 1259 Arguello Blvd., San Francisco
Architect—Not Given.
Contractor—Frank Sandino, 2645 Sacramento St. $3000

DWELLING
(165) E THIRTY-SECOND AVE. 2[illegible] N Rivera Street. One-story and basement frame dwelling.
Owner—Samuel Young, 117 Montgomery St., San Francisco.
Architect—Not Given. $3700

DWELLING
(166) E THIRTY-SECOND AVE. 275 N Rivera St. One-story and basement frame dwelling.
Owner—Samuel Young, 117 Montgomery St., San Francisco.
Architect—Not Given. $3700

DWELLING
(167) NE THIRTY-SECOND AVE & Rivera St. One-story and basement frame dwelling.
Owner—Samuel Young, 117 Montgomery St., San Francisco.
Architect—Not Given. $3700

DWELLING
(168) E THIRTY-SECOND AVE. 300 N Rivera St. One-story and basement frame dwelling.
Owner—Samuel Young, 117 Montgomery St., San Francisco.
Architect—Not Given. $37[illegible]

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
61	Rose	Loustau	1400
62	Alameda	Dowling	4000
63	Standard	Independent	10000
64	Strochan	Schultz	6400
65	Conrad	Flagg	5000
66	Brasch	Owner	5000
68	Ostaggi	Cappelletti	6750
70	Haller	Owner	5750
71	Dewey	Bartlett	2750

ADDITION
(61) NO. 3355 FERNSIDE BLVD., **ALAMEDA.** Add upper story to frame garage.
Owner—Mrs. Rose, Premises.
Architect—Not Given.
Contractor — A. Loustau, 2885 Bush St., San Francisco. $1400

DWELLING
(62) NO. 1407 LAFAYETTE ST., **ALAMEDA.** One-story five-room stucco dwelling.
Owner—Alameda Builders, 1361 Park St., Alameda.
Architect—Not Given.
Contractor—S. J. Dowling, 2800 Clay St., Alameda. $4000

STATION
(63) NO. 3701 BROADWAY, **OAKLAND.** One-story steel service station.
Owner—Standard Oil Co., 1201 Financial Center Bldg., Oakland.
Architect—Not Given.
Contractor—Independent Iron Works, 821 Pine St., Oakland $10,000

DWELLING
(64) E MORLEY DRIVE, LOT 2695, **OAKLAND.** Two-story five-room dwelling.
Owner — H. N. Strochan, Harrison Hotel, Oakland.
Architect—F. L. R. Confer, 2812 Russell St., Berkeley.
Contractor—H. K. Schultz, 811 Mendocino Ave., Berkeley. $6400

DWELLING
(65) NO. 3924 LYMAN ROAD, **OAKLAND.** One-story 6-room dwlg.
Owner—D. Conrad.
Architect—Not Given.
Contractor—J. S. Flagg, 1021 E-14th St., Oakland. $5000

DWELLING
(66) NO. 5911 AVACA AVE., **OAKLAND.** Two-story 6-room dwlg.
Owner—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given. $5000

DWELLING
(67) 6 PARKSIDE DR., **PIEDMONT.** One - story six-room dwelling and garage.
Owner—Paul H. Hammarberg, 2530 Hilgard, Berkeley.
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard, Berkeley. $5500

DWELLING
(68) 11 CAVANAUGH ST., **PIEDMONT.** Two-story 9-room dwelling and garage.
Owner — Mr. and Mrs. L. Ostaggi, Santa Ray Ave., Piedmont.
Architect—Not Given.
Contractor—D. Cappelletti, 667 Hampshire St., San Francisco. $6750

REPAIRS
(69) NO. 1847 E-FOURTEENTH ST., **OAKLAND.** Repairs.
Owner—C. B. Sharp, 417 Market St., San Francisco.
Architect—Not Given. $1000

(70) NO. 6135 BUENA VISTA AVE., **OAKLAND.** Two-story six-room dwelling.
Owner — Paul H. Haller, 6221 Buena Vista Ave., Oakland.
Architect—Not Given $5750

WAREHOUSE
(71) NO. 4000 E-EIGHTH STREET, **OAKLAND.** One-story warehouse
Owner—Dewey & Almy Chemical Co., Premises.
Architect—Not Given.
Contractor — John M. Bartlett, 1706 Parker St., Berkeley. $2750

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
11	Coughlin	Barrett	17250
12	Baker	Hannah	9288

TRUCK TERMINAL
(11) S BRANNAN ST. 200 W Fifth St. All work for one-story frame truck terminal.
Owner—James C. Coughlin, 1465 Folsom St., San Francisco.
Engineers—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Jan. 24, '36. Dated Jan. 15, '36.
On 1st of each month 90%
15 days after..... Balance
TOTAL COST, not over $17,250
Bond, limit, forfeit, none. Plans and specifications filed
NOTE—Contractors to be paid $1250 for their services when building is completed and accepted.

DWELLING
(12) W JORDAN AVES. 366-8 W Euclid Ave. All work for two-story and basement frame dwelling.
Owner—Fannie L. Baker, % Architect
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor — Hannah & Woodbridge, 268 Market St., San Francisco.
Filed Jan. 25, '36. Dated Jan. 16, '36.
Frame up, exterior walls sheathed and roofing on $2322
Interior and exterior plastering completed 2322
Completed and accepted 2322
Usual 35 days 2322
TOTAL COST, $9288
Bond, $1644. Surety, Central Surety & Insurance Corp. Limit, July 16, 1936. Forfeit, $5 per day. Plans and specifications filed

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
9	Cove	Haskell	1445
10	Graeser	Schulz	10250
11	Strachan	Schulz	5100
13	Manners	Johnston	$ ---

RESIDENCE
(9) LOT 13 BLK 7, Thousand Oaks Heights, Berkeley. All work for residence and garage.
Owner—Roy C. and Marion Cove, 1225 Neilson St., Berkeley.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor — Albert A. Haskell, 255 Ridgeway Ave., Oakland
Filed Jan. 24, '36. Dated Jan. 24, '36.
5 days after roof completed .. $1111
5 days after plastering..... 1111
5 days after completion..... 1111
Usual 35 days..... 1112
TOTAL COST, $1445
Bond, $2222.50. Surety, American Surety Co. of New York. Limit, 110 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(10) LOT 10 BLK D, Montclair Acres Oakland. All work for eight-room frame and stucco residence
Owner—Dr. J. B. Graeser, 2706 Claremont Road, Berkeley.
Architect—Michal Goodman, 2163 Center St., Berkeley.
Contractor—H. K. Schulz, 811 Mendocino Ave., Oakland.
Filed Jan. 24, '36. Dated Jan. 3, '26.
Building framed $2562.50
Roof on; brown plastered..... 2562.50
When completed 2562.50
Usual 35 days..... 2562.50
TOTAL COST, $10,250.00
Bonds (2) Labor and materials, $125; performance, $5125. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, plans and specifications, none

RESIDENCE
(11) LOT 2695 Piedmont Pines Tract, Oakland. All work for residence
Owner — Herbert M. Strachan, 1415 Harrison St., Oakland.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—H. K. Schulz, 811 Mendocino Ave., Berkeley.
Filed Jan. 29, '36. Dated Jan. 11, '36
Frame up $1600
Brown plastered 160
When completed 1600
Usual 35 days..... 1600
TOTAL COST, $6400
Bond, $2400. Surety, Glens Falls Indemnity Co. Limit 90 days. Forfeit none. Plans and specificationst filed.

DWELLING
(13) NO. 496 BROADMOOR BLVD., San Leandro. All work for one-story 5-room frame dwelling and double garage.
Owner—John V. Manners, 301 Monte Vista Ave., Oakland.
Architect—Roger Blaine, 1801 Bank of America Bldg., Oakland.
Contractor—W. J. Johnston, 401 Richfield Oil Bldg., Oakland.
Filed Jan. 28, '36. Dated Jan. 4, '36.
Contractor, Supt. of Construction to be paid $275
Date of building permit 75
Frame completed 100
Building completed..... 100
TOTAL COST, Not Given
Bond, limit, forfeit, none. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

To Be Done By Day's Work.
APARTMENTS Cost, $20,000
SAN FRANCISCO. E 19th Avenue 90 N Sloat Blvd.
Two-story frame and stucco apts.
Owner—Mabel Hawkins, 4 8 5 Dewey Boulevard.
Architect—Not Given.

2— BONDS

BONDS SOLD

ANTIOCH, Contra Costa Co., Cal.—R. H. Moulton & Co., San Francisco, awarded Antioch municipal bond issue of $64,000 on a bid of 3% interest rate and premium of $27.88. Proceeds will be used to finance improvements to the municipal water works estimated to cost $97,234, of which amount the WPA has approved an allotment of $33,320.

3— CHURCHES

PERMIT APPLIED FOR

HOLLYWOOD, Calif.—The William Simpson Const. Co., builder, 1007 Architects' Bldg., applied for a building permit to erect a 2-story and basement brick and concrete church building (155x169-ft.) at 6684 Selma Ave., for Hollywood Baptist Church, owner; Douglass McLellan and Allen McGill, architects, 805 Architects' Bldg. Cost, $75,000.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded
WAREHOUSES Cont. Price, $185,297
STOCKTON, San Joaquin Co., Calif. Deep Draft Terminal.
Six 1-story brick warehouses (known as Warehouses C, D, E, F, L, and M) extensions to water system, drainage dry pipe fire protection system, and road system.
Owner—City of Stockton Port Commission.
Plans by Engineering Dept. of Owner.
Contractor—C. H. Chain, 41 S Sutter Street, Stockton.
Roofing—Stockton Roofing Co., 736 N. Hunter St.
Plumbing—Miller-Hayes Co., 742 East Weber Street.
Sheet Metal—Fraser Furnace Co., 445 South San Joaquin.
Electric Wiring—Collins Electrical Co. 708 E Market Street.
Glass—W. P. Fuller & Company.
Brick Work—Dick Williams, Hotel Bronx.
Lumber—Chapman Lumber Co., Portland, Oregon.
Reinforcing Steel—F. A. Klinger, P. O. Box 757.
Steel Sash—Walter Zerwick, 521 East Channel Street.
Painting—J. F. Ecker, 17 W. Poplar
Hardware—Turner Hardware Co., P O. Box 1050.
Concrete—A. Sandberg; R. F. D. No 2, Box 2.
Sprinkler System—Grinnell Company, San Francisco.
All of Stockton unless otherwise noted.

BIDS BEING TAKEN

SANTA MONICA, Los Angeles Co., Cal.—Edward C. Taylor and Ellis W. Taylor, architects and engineers, 803 W. Third St., Los Angeles, are taking bids for structural steel and for moving existing steel buildings at 3,000 Ocean Park Blvd., Santa Monica, for the Douglas Aircraft Co. The bids will be opened at 11 A. M., January 25. Three buildings are to be moved and raised, new steel members provided and a crane runway installed. Brock & Clark, 107 N. Larchmont Blvd., Los Angeles, have the contract for the concrete work for the reconstructed building, which will cover an area of 72x380 feet and will be used for receiving and foundry purposes. Some new steel sash, sheet metal and wood girts will be purchased by the owners. The crane has already been purchased.

Contract Awarded.
ADDITION Cost, $2500
SACRAMENTO, Sacramento Co., Cal.
Addition to building.
Owner—Holland Welding Works, 215 O St., Sacramento.
Contractor—Dan Tatti, 2116 O Street, Sacramento.

Contract Awarded.
ADDITION Cost, $110,000
SEATTLE, Washington. No. 615 Orchard Street.
Three-story frame addition to factory (120x150 feet).
Owner—Continental Can Co., Prem.
Plans by Engineering Dept. of Austin Company.
Contractor—Austin Co., Dexter Horton Bldg., Seattle.

To Be Done By Day's Work.
ALTERATIONS Cost, $3,000
SAN FRANCISCO, 155 San Bruno.
Alterations to warehouse.
Owner—Consolidated Milling Co., 151 San Bruno Avenue.
Architect—Not Given.

Contract Awarded
WAREHOUSE Cost, $3,000
OAKLAND, Alameda Co., Calif. 4000 East Eighth Street.
One-story warehouse.
Owner—Dewey & Almy Chemical Co., 4000 E. 8th St., Oakland.
Architect—Not Given.
Contractor—J. M. Bartlett, 1706 Parker St., Berkeley.

Contract Awarded.
WAREHOUSE Cost, $10,000
PASO ROBLES, San Luis Obispo Co., Cal. Park and Fourteenth Sts.
One-story warehouse (50x140 feet).
Owner—R. C. Heaton, Paso Robles.
Architect—Not Given.
Contractor—Theodore M. Maino, San Luis Obispo.

TO ASK BIDS

LOS ANGELES, Calif.—Federated Metals Corp., 2425 Hunter Street, is having plans prepared in the company's engineering department for two new factory buildings to be erected at the corner of East 26th St. and Indiana Ave. General contract bids will be taken the latter part of this month. One of the buildings will cover an area of 80x140 feet and the other an area of 80x240 feet. Reinforced concrete walls, concrete floors, steel sash, steel columns, steel roof trusses, corrugated iron roofing, etc.

Owner Taking Bids.
ALTERATIONS Cost, $7,000
NORTH SACRAMENTO, Sacramento County, Calif.
Alterations to sausage factory.
Owner—C. Swanston & Son, Haggin Grant, North Sacramento.
Engineer—James Smith, 251 Kearny St., San Francisco.
Plans are awaiting the approval of the Bureau of Animal Industry in Washington, D. C., and upon approval contract will be awarded.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO, 554 Bryant Street.
Alterations to warehouse (work involves roofing, concrete work, a small amount of plumbing, etc.)
Owner—Worth Draying Company.
Architect—F. W. Dakin, 625 Market.
Contractor—W. C. Akard, 225 Cervantes Boulevard.

5— FLATS

To Be Done By Day's Work.
ALTERATIONS Cost $2,000
SAN FRANCISCO, 1370-72 Fifth Ave.
Alterations to flats.
Owner—Ada Spelt, premises.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 2355 Jones Street.
Alterations to flats.
Owner—Lora C. Patterson, 285 Chestnut St., San Francisco.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—Robert F. Galway, 3071 Sutter St., San Francisco.

Contract Awarded
FLATS Cost, $10,000
STOCKTON, San Joaquin Co., Calif. 409-15 East Flora Street.
Two-story frame and stucco flats (4 flats).
Owner—H. W. Bennett.
Architect—Not Given.
Contractor—T. E. Williamson, P. O. Box 93, Stockton.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
ADDITION Cost, $1500
ALAMEDA, Alameda Co., Cal. No 3355 Fernside Blvd.
One-story addition to frame garage.
Owner — Mrs. Rose, 3355 Fernside Blvd., Alameda.
Architect—Not Given.
Contractor—A. Loustau, 2885 Bush St. San Francisco.

Contract Awarded
SERVICE STATION Cost, $10,000
OAKLAND, Alameda Co., Calif. 3701 Broadway.
One-story steel service station.
Owner—Standard Oil Co., 1201 Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.

Contractor—Independent Iron Works, 821 Pine St., Oakland.

Plans Completed.
SERVICE STATION Cost $7500
BERKELEY, Alameda Co., Calif. No. 1400 Shattuck Avennue.
Steel service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

To Be Done By Day's Work.
SERVICE STATION Cost, $3,000
SAN FRANCISCO, SW Bayshore and Visitacion.
One-story Class C service station.
Owner—B. N. Nutter, 2500 Bayshore Boulevard.
Architect—Not Given.

To Be Done By Day's Work.
SERVICE STATION Cost, $3,000
OAKLAND, Alameda Co., Calif. 298 Moss Avenue.
One-story steel service station.
Owner—General Petroleum Corp., Pier and Ferry Sts., Oakland.
Plans by Engineering Dept. of Owner.

Planned
SERVICE STATION Cost, $——
SAN MATEO, San Mateo Co., Calif. SE "B" St. and First Ave.
New service station.
Owner—Gilmore Oil Co., Third and 18th Sts., San Francisco.
Plans by Engineering Dept. of Owner.

Steel Building Contract Awarded.
SERVICE STATION Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 3701 Broadway.
One-story steel service station.
Owner—Standard Oil Co., 1201 Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—Leslie Alley, 1621 Encinal Ave., Alameda.
Steel Building—Independent Iron Wks. 821 Pine St., Oakland.

Contract Awarded
ALTERATIONS Cost, $4,000
FAIRFIELD, Solano Co., Calif.
Alterations to garage building (new front, etc.)
Owner—J. K. Lambie, Fairfield.
Architect—Not Given.
Contractor—W. S. Bickford, Fairfield.

7— FEDERAL BUILDINGS

BIDS WANTED
SPOKANE, Wash.—Until Feb. 25, 1 P. M., bids will be received by the Treasury Department, Washington, D. C., for furnishing and installing elevator in the U. S. post office to be erected at Spokane.

Plans Being Completed
ALTERATIONS Cost, $15,000
SAN FRANCISCO, 18th St. between Guerrero and Valencia Streets.
Alterations to 4-story Class C lodge building (install elevator, modernize lodge rooms, etc.)
Owner—Dovre Hall Association.
Architect—F. F. Amandes, 414 Dewey Boulevard.
Bids will be asked within 1 week.

CONTRACT AWARDED
HONOLULU, T. H.—Raphael Co., 270 Tehama Street, San Francisco, at $3,144 awarded contract by Treasury Department for painting plaster, etc., in the U. S. post office, courthouse and customshouse at Honolulu.

BIDS WANTED
BENICIA, Solano Co., Calif.—Until February 6, 10 A. M., bids will be received by Office of the Constructing Quartermaster, Ft. Mason, San Francisco, for repairs to East wall and roof of Warehouse No. 71 at Benicia Arsenal, Benicia.

Plans and specifications may be obtained from above office upon deposit of $5.00.

BIDS WANTED
SAN FRANCISCO.—Until Feb. 4th, 2:00 P. M., bids will be received by Custodian, U. S. Post Office, 7th and Mission Streets, for new partition at the post office, San Francisco. Specifications may be obtained from Room 308, Post Office Bldg., 7th and Mission Sts., San Francisco.

BIDS OPENED
REDDNG, Shasta Co., Calif.—Lombard & Ludwig, Washington, D. C., at $56.00 submitted low bid to Treasury Department for plaster models for the Redding post office.
Complete bids follow:
Lombard & Ludwig, Washington $ 56
Washington Orn. Co., Washington, D. C. 77
Studio of Architectural Sculpture, Washington, D. C. 80
Geo. Rosalie, Inc., N. Y. C. 141
Bids held under advisement.

BIDS OPENED
RENO, Nev.—J. Kressfeld, Washington, D. C., at $293.50 submitted the low bid to Custodian, U. S. Post Office, Reno, for directional signs for the Reno post office. Only other bid was submitted by The State Electric Co., Memphis, Tenn., at $450.
Bids held under advisement.

BIDS WANTED
LONG BEACH, Cal.—Until Feb. 17, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for painting plaster, etc., at the Long Beach post office.
Specifications may be obtained from above office and from the Custodian of the building, Long Beach.

PLANS BEING PREPARED
HAWAIIAN ISLANDS, T. H.—War Department, Washington, D. C., has plans under way for a number of improvements at Hickam Field, a new army air base to be established on a 2500-acre site eight miles from Honolulu. Immediate plans call for the construction of four double hangars, one operations hangar, water and sewer lines, roads and landing runways to cost $4,500,000. When completed the field will have quarters for 180 officers, 175 non-commissioned officers and barracks for 1600 men. The officers' quarters will be constructed of concrete. Total cost of the base is estimated at $11,000,000.

BIDS OPENED
WHITTIER, Los Angeles Co., Cal.—B. Mako, 3840 Holly Park Place, Los Angeles, at $168 submitted low bid to the Treasury Department for plaster models for the U. S. post office at Whittier.
Complete bids follow:
B. Mako, Los Angeles $168
H. Mueller, Glendale 169
Watkins Co., Ltd., Vernon 198
George Stanley, Los Angeles 308
Logan & Whittington Orn. Concrete Co., Los Angeles 335
Bids held under advisement.

BIDS OPENED
SAN DIEGO, Cal.—Otis Elevator Co. 1 Beach St., San Francisco, at $21,990 submitted low bid on Item 1, and Pacific Coast Elevator Co., 1041 Venice Blvd., Los Angeles, at $25,944 submitted low bid on Item 2 to Bureau of Yards & Docks, Navy Department, Washington, D. C., for modernizing five electric passenger elevators at the Naval Hospital, San Diego. The work includes changing from manual to automatic push-button control, replacing the existing winding machines and motors, providing new automatic self-leveling devices and door closers, and replacing some of the existing hoistway doors and car gates; Spec. No. 8100.
Complete bids follow:
Otis Elevator Co., S. F. (1) $21,990
(2) 29,638
Pacific Coast Elevator Co., Los Angeles (1) $ ...
(2) 25,944
Montgomery Elevator Co. (1) $25,994
(2) 31,957
Beckwith Elevator Co., Los Angeles (1) $28,923
(2) 31,824
Bids held under advisement.

CONTRACT AWARDED
COLTON, San Bernardino Co., Cal.—Chamberlin Metal Weather Strip Co. Detroit, at $448 awarded contract by the Treasury Department for insect screens for the U. S. post office at Colton.

BIDS OPENED
HAYWARD, Alameda Co., Calif.—August Dackert & Co., 1450 15th St., San Francisco, at $40.00 submitted low bid to Treasury Department for plaster models for the U. S. post office at Hayward.
Complete bids follow:
Aug. Dackert & Co., S. F. $40.00
P. O. Tognelli, S. F. 65.00
J. Kertz, San Francisco 65.00
Bids held under advisement.

BIDS WANTED
SANTA BARBARA, Cal.—Until Feb. 20, 1 P. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing freight elevator in the U. S. post office at Santa Barbara.
Plans and specifications may be obtained from above office.

TIME EXTENSION GRANTED
SAN FRANCISCO. — Treasury Department has approved an extension of time until March 2 for completion of the contract of Great Lakes Construction Company to erect the San Francisco Federal Office Bldg.

PLANS ON FILE
SAN FRANCISCO. — Plans are on file in the office of Arthur Newman, Post Office Bldg., 7th and Mission Sts., San Francisco, for the Spokane Washington, post office for which bids will be opened on January 30, 1 P. M. in Washington, D. C., and for Santa Barbara post office for which bids will be opened on February 4, 1 P. M., in Washington, D. C.

BUILDING MATERIALS APPROVED
CLAREMONT, Los Angeles Co., Cal.—Treasury Department has approved the following building materials and equipment awards for the construction of the U. S. post office at Claremont. L. F. Dow Co., 414 Rowan Bldg., Los Angeles, general contractor.
Lighting distribution panel boards, Frank Adam Elec. Co.; main switch, Frank Adam Elec. Co.; r.c. wire, Hazard Insulated Wire Works; flush receptacles, Arrow-Hart & Hegeman El. Co.; pendant switches, Pass & Seymour glassware, Gill Glass & Fixture Co., and Moe-Bridges Corp.; lighting fixtures, Moe-Bridges Corp.
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountains, Halsey W. Taylor Co.; gas burning water heater, Bryant Co.; water supply pipe, Revere Brass & Copper Co.; pressure reducing valve on water supply, Watts Valve Co.; relief valve, Mueller Co.; boiler, Kewanee Boiler Corp.; tube radiators, U. S. Radiator Corp.;

oil and gas burners, Ray Oil Burner Co.; nonconducting covering for heating, Keasbey-Mattison Co.; angle radiator valves, Marsh Valve Co.; air valves for radiators, Hoffman Specialty Co.; air valves for ends of steam mains, Dole Valve Co.

CONTRACT AWARDED

PALO ALTO, Santa Clara Co., Cal. —Fraunfeder Ornamental Works, 335 Eighth St., Oakland, awarded contract at $1,935 for radio guards and $535 for stair grilles at the U. S. Vetterans' Administration Facility, Palo Alto.

BUILDING MATERIALS APPROVED

PORT ANGELES, Wash.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. Coast Guard Air Station at Port Angeles. A. F. Mowat, Seattle, general contractor.

Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water cooler and drinking fountain, H. W. Taylor Co.; water heater, Kewanee Boiler Co.; oil burning range, Lang Mfg. Co.; electric steam table and plate warmer, Brewer & Cone Sheet Metal Co.; electric coffee urn, Van Peterson Urn Co.; urn standard cup warmer, Brewer & Cone Sheet Metal Co.

Electric toaster, General Elec. Co.; ventilating set, Western Blower Co.; brass or copper water pipe, Chase Brass & Copper Co.; nonconducting covering for plumbing and heating, Ehret Mfg. Co.; pressure reducing valve on water supply, Kieley-Mueller Co.; relief valve on hot water tank Kieley - Mueller Co.; condensation pumps, Sterling Engr. Co.; boiler, Fitzgibbons Boiler Corp.; float & thermostatic trap and radiator valves, Jas. P. Marsh Co.; air valves for raditors, American Radiator Company.

Refrigerator, Westinghouse Electric & Mfg. Co.; lighting distribution panel, feeder panel and safety switches, NePage-McKenny Co.; rubber-covered wire, Habirshaw Wire & Rubber Co.; rubber-covered non-metallic armored cable, Habirshaw Wire & Rubber Co.; conduit, Walker Bros.; conduit boxes, National Elec. Products Co.; flush switches, receptacles, fan hanger receptacles, clock receptacles and radio outlet, Arrow-Hart & Hegeman Elec. Co.; obstruction light, Holophane Co.; switch plates, receptacle plates and lamp receptacles, Arrow-Hart & Hegeman Elec. Co.; glassware Gill Glass & Fixture Co.; fire alarm, Edwards & Co.; lighting fixtures, F. W. Wakefield Brass Co.

BUILDING MATERIALS APPROVED

GRANTS PASS, Ore.—Treasury Department has approved the following building materials and equipment awards for the construction of the U. S. post office at Grants Pass. Consolidated Engineering Co., Tacoma, Wash., general contractors.

Electric water coolers and drinking fountain, Halsey W. Taylor Mfg. Co.; indirect water heater, American Radiator Co.; water supply pipe, Bridgeport Brass Co.; relief valve, Mueller Co.; back water cesspools, Fleming Mfg. Co.; sump pump Penberthy Injector Co.; boiler, Kewanee Boiler Corp.; angle radiator valves, Crane Co.; glassware, Perfection Glass Co. and Gill Glass & Fixture Co.; pendant switch, Bryant Elec. Co.

8— CLUB BUILDING

Iron Contract Awarded.

LODGE BLDG., ETC.
Contract Price, $15,724
DALY CITY, San Mateo Co., Calif. Mission and Hillcrest Drive.
Two-story reinforced concrete & steel lodge and store bldg. (cast stone ornaments, steel columns, and trusees, heating and ventilating system, maple floors, plate glass front, metal bars, tile work, etc.; two lodge halls, banquet hall and offices on second floor with stores on the ground floor).
Owner—Crocker Lodge, F. & A. M.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor — H. H. Larsen, 64 South Park, San Francisco.
Iron—Golden Gate Iron Works, 1541 Howard St., San Francisco.

9— HOSPITALS

BIDS WANTED

SANTA ANA, Orange Co., Cal.—Until February 4, 3:45 P. M., bids will be received by Orange County Supervisors for the construction of a one-story tuberculosis sanitarium at Orange County Hospital, a PWA project. Certified a cashier's check or bond for 5% must accompany each bid. Plans and bidding data may be obtained from the Orange County Clerk in Santa Ana. Cost $40,000. M. Eugene Durfee, Anaheim, architect.

SUB-BIDS WANTED

NORWALK, Los Angeles Co., Cal. —Taylor & Taylor, 36 W. Union St., Pasadena, desire subcontract bids on all trades, not later than January 30, to be incorporated in a general contract bid they will submit to State Architect George B. McDougall Feb. 4 for Cottage G to be erected at Norwalk State Hospital.

SUB-BIDS WANTED

NORWALK, Los Angeles Co., Cal. —L. A. Contracting Co., 4816 W. Pico Blvd., Los Angeles, desires subcontract bids to be incorporated in a general bid to be submitted to the state architect February 4 for the construction of a ward building at Norwalk State Hospital.

Preparing Working Drawings.

HOSPITAL Cost, $55,000
VISALIA, Tulare Co., Calif.
One-story brick hospital building.
Owner—City of Visalia.
Architect — Ernest J. Kump, Rowell Building, Fresno.

Preliminary Plans Being Prepared

HOSPITAL Cost, $75,000
CHICO, Butte Co., Calif.
Community hospital.
Owner—Chico Community Hospital.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

Construction To Start Immediately

ADDITION Cost, $25,000
OROVILLE, Butte Co., Calif.
Additions and alterations to county hospital (capacity of 60 beds; first unit) reinforced conc. construction
Owner—County of Butte.
Architect — George Sellon, California State Life Bldg., Sacramento.
Labor will be furnished by theWPA and materials will be purchased by the county and the WPA.

Award Recommended.

HOSPITAL Cont. Price, $223,080
SANTA ROSA, Sonoma Co., Cal.
Two-story steel hospital bldg. (stucco exterior, probably tile roof, steam heating system, steel sash, etc.; 200-bed capacity).
Owner—County of Sonoma.
Architect—John I. Easterly, Exchange Bldg., Santa Rosa.
Engineer—Ed. A. Peugh, (County Engineer, Courthouse, Santa Rosa.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
Recommendation made to the PWA to award contract to P. J. Walker Co. Complete bids published Jan. 17.
January 27, 1936

Preparing Working Drawings.

ADDITION Cost, $12,000
TULARE, Tulare Co., Calif.
Brick addition to Tulare County Hospital (Therapeutical building).
Owner—County of Tulare.
Architect — Ernest J. Kump, Rowell Building, Fresno.

Sub-Contracts Awarded

HOSPITAL Cont. Price, $83,156
HANFORD, Kings Co., Calif.
Hospital buildings (group consists of infirmary building, isolation ward, kitchen addition, water tank and tower and physician's residence).
Owner—County of Kings (E. F. Pickerill, Clerk).
Architect — Ernest J. Kump, Rowell Bldg., Fresno.
Contractor—Midstate Const. Co., 902 Power Bldg., Fresno.
Steel Tank—Pittsburg-Des Moines Co Rialto Bldg., San Francisco.
Finish Tile—American Art Tile Co., 231 Franklin St., San Francisco.
Plumbing and Heating—B. A. Newman Fresno.
Painting—Lee Dixon Painting Co., 18 Eureka St., San Francisco.
Reinforcing Steel and Miscellaneous Iron—Kyle & Co., Fresno.
Metal Partitions—Mills Co., Fresno.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 5th, 10 A. M., bids will be received by the Custodian, U. S. Marine Hospital, 14th Ave. and Lake St., for additional sun porch at Officers' Quarters No. 11, Marine Hospital, San Francisco.

Specifications may be obtained from above office. *

Bids Opened.

LAUNDRY Cost, $75,000
CAMARILLO, Ventura Co., Cal. State Hospital.
One-story reinforced concrete laundry building (clay tile roofing).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento
Low bids follow:
General Work — L. A. Geisler, 6212 Middleton St., Huntington Park, $39,434.
Electric—Moore Electric Co., 321 W. Third St., Los Angeles, $3756.
Plumbing and Heating—J. A. Fazio, 2059 Webster St., Oakland, $12,234.
Complete bids follow:

General Work

L. A. Geisler, Huntington Park, $39,-434.
R. D. Patterson, Santa Barbara, $41,-420.
L. A. Contracting Co. and C. G. Wopschall, Los Angeles, $44,475.
Wesco Construction Co., Los Angeles, $44,850.
J. R. Lippincott, Los Angeles, $47,300.
Fred J. Early Jr., San Francisco, $48-467.

Electric

Moore Elec. Co. Los Angeles.....$3756
Coast Elec. Co., Los Angeles..... 3779
H. H. Walker, Los Angeles..... 3900
Seaside Elec. Co., Ventura..... 4062
Newbery Elec. Co., Los Angeles.. 4126
Quality Elec. Co., Los Angeles.... 4179
California Elec. Co., Santa Barbara 4237
Luppen & Hawley, Sacto..... 4963

Plumbing and Heating

J. A. Fazio, Oakland.....$12,231
Scott Co., San Francisco..... 12,937
Consolidated Heating Co., L. A. 13,415
Johnson & Washer, L. A. 14,337
Hickman Bros., Inc., San Pedro 15,249
F. C. Schilling, Los Angeles..... 15,975
Bids held under advisement.

11—ICE & COLD STORAGE PLANTS

BIDS WANTED

SAN DIEGO, Cal.—Until Feb. 11, 11 A. M., bids will be received by Public

SAN FRANCISCO
PUBLIC LIBRARY

Works Department, 11th Naval District, San Diego, for improving refrigerating plant at the Naval Operating Base (Marine Corps Base) San Diego: Specification 8140. The work shall consist of the furnishing materials and installing an automatic control system for the existing refrigerating plant. The system shall comprise 4 ammonia thermostatic expansion valves with by-passes, 3 thermostatic switches, one solenoidal brine valve, wiring and accessories. Bidding data may be obtained from the District in San Diego upon deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks.

12— POWER PLANTS

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal—Wood & Bevanda, Elks Building, Stockton, at $718,355.25 awarded contract by the Metropolitan Water Dist., Los Angeles, under Spec. No. 136, for construction of the Iron Mountain Pumping Plant of the Colorado River Aqueduct.

The work is located in San Bernardino County on the line of the Colorado River Aqueduct, about 13 miles northwest of Rice, and comprises the construction of the Iron Mountain pumping plant buildings together with inlet works, outlet structures, electrical switching station, and other appurtenances.

The cost to the district includes, in addition to the contract price, items furnished by the district. The segregated figures are: Schedule 1: Contract price, $497,789.25 district items, $237,660; total, $735,449.25. Schedule 2: Contract price, $220,566; district items, $142,385; total, $362,951. Total of contract price: Schedules 1 and 2, $718,355.25; total of district items, $380,045. Total estimated cost to the district, $1,098,400.25.

CONTEMPLATED

STOCKTON, San Joaquin Co., Cal.—City Council has under consideration report of G. L. Fox, Stockton industrial engineer, recommending purchase of water rights and hydroelectric properties of the Utica Mining Company on the North Fork of the Stanislaus River. Cost of the properties is estimated at $750,000 and expenditure of approximately $1,700,000 is proposed to enlarge the power plant installation and to transmit the power to Stockton for sale by the municipality.

BID OPENING POSTPONED

BONNEVILLE, Ore.—Until Feb. 11, 3 P. M., date postponed from Feb. 5, bids will be received by the U. S. Engineer Office, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, 627 Pittock Block, Portland, under Bid No. 694,36-235, for furnishing and installing two electric elevators, complete with hoistway doors, in the powerhouse at Bonneville Dam.

Specifications obtainable from above office.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contract Awarded

LIBRARY Cont. Price, $23,590
ALAMEDA, Alameda Co., Calif. NW Eighth St. and Santa Clara Ave.
One-story branch library.
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St., Alameda.
Contractor—Villadsen Bros., 40 Winsor St., Piedmont.
Complete bids published Jan. 15.

LIGHTING CONTRACT AWARDED

SAN LUIS OBISPO, Calif.—Valley Electric Co., San Luis Obispo, was awarded contract at $750 for furnishing and installing lighting fixtures in the new courthouse in San Luis Obispo. Plans were prepared by Architects Walker & Eisen, 437 South Hill St., Los Angeles.

PLANS BEING PREPARED

SAN DIEGO, Cal.—A low pressure steam heating plant will be installed in the new city-county office building to be built in San Diego, according to a decision made by the building committee this week. The building, to be constructed by WPA forces, will be a three-story, reinforced concrete structure with a steel frame tower. Estimated cost $1,000,000. R. S. Requa, Wm. T. Johnson, Louis Gill and Sam W. Hammill, all of San Diego, architects, and J. H. Davies, Ocean Center Bldg., Long Beach, structural engineer.

FUNDS ALLOTTED

HERMOSA BEACH, Los Angeles Co. Cal.—WPA has allocated funds for the construction of a municipal auditorium at Clark Stadium, Hermosa Beach, and authorized work to start February 6. It will be a reinforced concrete and brick structure, 60x80 feet in area, and will cost about $43,000. Estimated cost of the materials is $14,000, the city's share, amounting to $3150, being already on hand in the form of salvage from reconstructed school buildings. Plans were prepared by the Hermosa Beach building inspector and city engineer.

Preparing Working Drawings.

MUSEUM Cost, $25,000
NEAR VISALIA, Tulare Co., Calif. Mooney Grove.
Stone and concrete museum.
Owner—County of Tulare.
Architect — Ernest J. Kump, Rowell Building, Fresno.
Application filed with the WPA.

BIDS WANTED

SAN FRANCISCO.—Until February 7, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for venetian blinds for the War Memorial.

Specifications and proposal blanks may be obtained from above office.

Sub-Contracts Awarded.

MEMORIAL BUILDING
Contract Price, $28,020
TUOLUMNE, Tuolumne Co., Calif.
One-story brick and concrete memorial bldg. (composition roof, probably electric heat, etc.)
Owner—County of Tuolumne.
Architect—Frank V. Mayo, 108 East Miner Street, Stockton.
Contractor—W. Buck & Sons, 57 East Geary St., Stockton.
Roofing—Stockton Roofing Co., 736 N. Hunter St., Stockton.
Plumbing—R. D. Leonard, Sonora.
Electric Wiring—Sonora Electric Co., Sonora.
Sheet Metal—R. D. Leonard, Sonora.
Mill Work—Electric Planing Mill, 545 S. Munroe St., Stockton.
Iron Work—Kyle & Co., West's Lane, Stockton.
Brick Work—R. W. Stirn, 225 N. Locust St., Stockton.
Roofing Trusses — Summerbell Truss Co., 354 Hobart St., Oakland.
Lathing and Plastering—W. Buck & Son.
Flooring—Kerr & Carmichael, 2432 E. Church St., Stockton.
Reinforcing Steel—Kyle & Co., West's Lane, Stockton.

Contracts Awarded.

FIRE HOUSE Cost, $30,000
SAN JOSE, Santa Clara Co., Calif. Emory and Laurel Streets.
One-story reinforced concrete fire house (tile roof) 75x150 feet.
Owner—City of San Jose.
Architect — Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Steel Sash—San Jose Steel Co., San Jose.
Cement, Sand & Gravel—Central Supply Co., San Jose.
Other material awards will be made shortly.
Project financed with WPA funds.

Funds Allotted

CITY HALL Cost, $52,727
LINDSAY, Tulare Co., Calif.
City hall, tennis courts, playgrounds.
Owner—City of Lindsay.
Architect—F. L. Swartz, Brix Bldg., Fresno.
PWA has approved loan and grant of $52,727 to finance construction.

Contract Awarded

LIBRARY Cost, $20,106
ALAMEDA, Alameda Co., Calif. NW Eighth St. and Santa Clara Ave
One-story branch library.
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St., Alameda.
Contractor—Villadsen Bros., 40 Winsor St., Piedmont.

Contract Awarded.

SAN JOSE, Santa Clara Co., Cal.—Rockwood Sprinkler Co., 7 Front St., San Francisco, at $4695 awarded contract for sprinkler system and at $575 awarded contract for fire alarm system, by San Jose City Council for furnishing and installing automatic sprinkler system and fire alarm system in the Civic Auditorium, Market and San Carlos Sts., San Jose.

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until February 10, 2:00 P. M., bids will be received by Long Beach City Manager, Room 204, City Hall, for construction of the Veterans' Memorial Building at the corner of Cedar Ave. and Broadway, Long Beach. Bids will be taken on the general contract as a whole and also separate bids on the general contract, plumbing, heating and ventilating and electric wiring. Plans are on file at the office of the City Engineer-Director of Public Service in Long Beach. J. H. Davies, Ocean Center Bldg., Structural Engineer, and Geo. Kahrs, 1221 Linden Ave., Lang Beach, architect. Cost, $250,000.

New Bids Wanted—To Close Feb. 17, 2 P. M.

RESEARCH LAB. Cost, $----
CARSON CITY, Nevada.
Materials and research laboratory.
Owner—State of Nevada.
Architect—Not Given.
An previous bid opening lowest bid was submitted by A. M. Larson, Carson City, at $35,923.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Heroes' Memorial Building, Carson City, upon deposit of $5.00, of which $2.50 is returnable.

GRANT APPROVED

SAN DIEGO COUNTY, Cal.—WPA this week approved a grant of approximately $500,000 to the Twenty-second District Agricultural Association for a county fair grounds to be established on a 184-acre tract at Del Mar, San Diego County. The projects and allotments follow: Buildings, $183,735; grading and landscaping, $147,328; race track, $67,093; adobe wall $50,087; drainage and sewers, $25,232; roads and curbs, $12,818; lighting system, $8177; water supply and fire protection, $6166. Structures to be built first are a main

exposition building and auditorium, a combination grandstand and utility building, 10 livestock buildings, equipment shed, main entrance building and stables for 600 horses. D. A. Noble, San Diego, is secretary-treasurer of the association.

Contracts Awarded.

SAN JOSE, Santa Clara Co., Cal.—San Jose City Council awarded contracts as follows for furnishing and installing auditorium seats in the San Jose Civic Center, Market and San Carlos Sts., San Jose.

587 chairs for Little Theatre—American Seating Co., 207 Van Ness Ave. So., San Francisco, $5647.62.

1300 Main auditorium wooden chairs—American Seating Co., 207 Van Ness Ave., So., San Francisco, $5031.

10 chair trucks for wood chairs.—American Seating Co., 207 Van Ness Ave., South, San Francisso, $515.

2030 chairs for Main Auditorium—Heywood Wakefield Co., 180 Montgomery St., San Francisco (Rep by L. Leon & Sons), $9317.70.

Award Recommended.

AUDITORIUM Cont. Price, $109,535
EUREKA, Humboldt Co., Calif. F St. betweent 11th and 12th Sts.
One-story and balcony civic auditorium (main auditorium 100 fct square; stage, secondary room, large foyer, etc.; concrete walls, steel trusses, steel balcony, wood sheathing, interior redwood finish, steel sash, hot air heating system ventilating system, etc.; to seat 2400).
Owner—City of Eureka.
Architect—F. T. Georgeson, 537 G St., Eureka.
Structural Engineer—W. H. Ellison, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Recommendation made to the PWA that contract be awarded to Barrett & Hilp.

14— RESIDENCES

Sub-Bids Being Taken.

RESIDENCE Cost, $——
SAN FRANCISCO. N Ulloa W 14th Avenue.
One - story and basement frame and stucco residence (6 rooms) tile roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner and Builder—A. Haisen, 2427 25th Avenue.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded.

RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Lot 23 Blk 34, Dwight Road.
One-story and basement frame and stucco residence.
Owner—Edward and T. J. Ross, 1257 Pine St., San Mateo.
Architect—Not Given.
Contractor—Peninsula Builders, 1150 Burlingame Ave., Burlingame.

Owner Taking Bids.

RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame and stucco residence (6 rooms and 2 baths) tile roof, gas heating system, hardwood floors, steel sash, tile baths, etc.
Owner — Dr. Louis Kameny, 1916 Broadway, Oakland.
Architect — Ray Keefer, 770 Wesley Ave., Oakland.

Contract Awarded.

RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Calif West Bellevue.
Two-story and basement frame and stucco residence.
Owner—J. D. Toahig, 36 Chesterway, San Mateo.
Architect—Not Given.
Contractor—H. Abrahams, 50 Silliman St., San Francisco.

Contract Awarded.

RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. No. 15 Seville Way.
One-story and basement frame and stucco residence.
Owner—Jos. Niedretter.
Architect—Not Given.
Contractor—H. Kime, 118 12th St., San Mateo.

To Be Done By Day's Work.

RESIDENCE Cost, $5500
BURLINGAME, San Mateo Co., Calif. Vernon Way.
One-story and basement frame and stucco residence.
Owner and Builder—J. B. Oswald, 760 El Cerrito, San Mateo.
Architect—Not Given.

Contract Awarded.

RESIDENCE Cost, $7000
SAN MATEO, San Mateo Co., Calif. Sonora Drive.
Two-story frame and stucco residence
Owner—Bruce T. Sweney.
Architect—Not Given.
Contractor—W. Simonds, 1448 Benito St., San Mateo.

Bids In Today.

RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame residence.
Owner—A. E. Fifield.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Plans Being Figured—Bids Close Feb. 5th.

RESIDENCE Cost, $5000
WALNUT CREEK, Contra Costa Co
Two-story frame residence (shingle roof, sheet sash, hardwood floors, gas heating system, etc.
Owner—W. J. Chapman.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland

Plans Being Prepared.

RESIDENCE Cost, $7000
HAYWARD, Alameda Co., Calif.
Two-story frame and stucco residence (shingle roof, steel sash, hardwood floors, gas heating system, etc.)
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland

Owner Taking Bids

RESIDENCE Cost, $4,000
SAN CARLOS, San Mateo Co., Calif.
One - story and basement frame and stucco residence (5 rooms) Monterey style; shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—W. Thompson, San Carlos.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Owner is taking bids on a general contract.

Contract Awarded.

RESIDENCE Cost, $8000
SACRAMENTO, Sacramento Co., Cal. 1165 Third Avenue.
Two-story frame and stucco residence
Owner—Cella Kelalos.
Architect—Not Given.
Contractor—Ed. Lee, 1139 33rd St., Sacramento

To Be Done By Day's Work

RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 17th Avenue N Moraga Street.
Seven one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger Builder, Inc., 320 Judah Street
Plans by Owner.

To Be Done By Day's Work

RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 31st Avenue N Judah Street.
Two 1-story and basement frame and stucco residences.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
Plans by Owner.

Contract Awarded

RESIDENCE Cost, $6,000
OAKAND, Alameda Co., Calif. 6048 Chelton Drive.
Two-story frame and stucco residence (six rooms).
Owner—E. Longfellow.
Architect—F. H. Slocombe, 131 Monte Cresta, Oakland.
Contractor—Allen & Allen, 3471 Laurel Ave., Oakland.

Contract Awarded

RESIDENCE Cost, $9,000
OAKLAND, Alameda Co., Calif. 1800 Melvin Road.
Two-story frame and stucco residence (seven rooms).
Owner—M. T. Conlon, 1700 Trestle Glen Road, Oakland.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.
Contractor — Chas. Ungaretti, 1727 Foothill Blvd., Oakland.

To Be Done By Day's Work.

RESIDENCE Cost, $5500
SACRAMENTO, Sacramento Co., Cal. No. 2775 Thirteenth Street.
Two-story frame and stucco residence
Owner and Builder — E. E. Sydenstricker, 917 Sonoma St., Sacramento.
Architect—Not Given.

Sub-Bids Being Taken.

RESIDENCE Cost, $6000
SAN FRANCISCO. Merced Manor.
Two-story frame and stucco residence (7 rooms and 2 baths) shingle tile roof, wood sash, ornamental iron, gas heating system, hardwood floor, tile baths, etc.)
Owner and Builder—James McCabe, 716 Ulloa St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco

Preparing Preliminary Plans.

RESIDENCE Cost, $——
WATSONVILLE, Santa Cruz Co., Cal.
One - story and basement frame and stucco residence (5 rooms) tar and gravel roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Bids will not be asked for about six weeks.

To Be Done By Day's Work.

RESIDENCE Cost, $4,000
SAN FRANCISCO. E Jules, S. De Montford.
One - story and basement frame and stucco residence.
Owner and Builder—F. H. Thorinson, 6130 Ocean Avenue.
Architect—Not Given.

Contract Awarded

RESIDENCE Cost, $5,000
One-story frame and stucco residence (five rooms).
Owner—J. D. Savstrom, Coronado St., Oakland.
Architect—Not Given.
Contractor—P. L. Coats, 2837 Foothill Blvd., Oakland.

Contract Awarded

DUPLEX Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 821 South Second Street.
One-story frame and duplex residence.

Owner—Roy Bridgman, 343 S Second St., San Jose.
Architect—Not Given.
Contractor—B. H. Painter, 324 North Second St., San Jose.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 758 North Fourth Street.
One - story and basement frame and stucco residence (five rooms).
Owner—Kenneth Rayner, 196 Wabash Ave., San Jose.
Architect—Not Given.
Contractor—J. J. Graglia, 152 Terraine St., San Jose.

Contract Awarded
RESIDENCE Cost, $2,000
SAN JOSE, Santa Clara Co., Calif. 1464 Shortridge Avenue.
One-story frame residence (3 rooms).
Owner — L. Filice, Peach Court, San Jose.
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 N. 31st St., San Jose.

RESIDENCE Cost, $8000
ROSS, Marin Co., Calif.
Two-story and basement frame and stucco residence (7 rooms, 2 baths)
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor — Moore & Madsen, 557 Market St., San Francisco.

Plans Being Figured—Bids Close Feb. 4th.
ALTERATIONS Cost, $——
PALO ALTO, Santa Clara Co., Cal. Campus of Stanford University.
Alterations and additions to Fraternity house.
Owner—Zeta Psi Fraternity.
Architect—John K. Brannan, 210 Post St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $10,000
SAN FRANCISCO, Lawton Street and 39th Avenue.
Two - story and basement frame and stucco residence (7 rooms and 2 baths) tar and gravel roof, steel sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—Hertzka and Knowles, 369 Pine Street.

Contract Awarded
RESIDENCE Cost, $7,000
STOCKTON, San Joaquin Co., Calif. 934 Oxford Way.
Two-story brick residence.
Owner—L. A. Ford, 717 N. American Street, Stockton.
Architect—Not Given.
Contractor—I. R. Dryden, Rte. 4, Box 50, Stockton.

Contract Awarded
RESIDENCE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 1048 North San Jose Street.
One - story and basement frame and stucco residence (five rooms).
Owner—John F. Reinhart.
Architect—Not Given.
Contractor—F. Paul Dobson, 1150 W. Harding St., Stockton.

Plans Being Prepared.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Montclair Highlands Estate.
Two-story frame and stucco residence (6 rooms, 2 baths).
Owner—Syndicate Merrlewood.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Bids will be asked in about three weeks.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 17th Avenue S Lawton Street.
Ten 1-story and basement frame and stucco residences.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
Plans by Owner.

Sub-Contracts Awarded.
RESIDENCE Cost, $9,000
OAKLAND, Alameda Co., Calif. Oakmore Manor.
Two - story and basement frame and stucco residence (8 rooms, 3 baths)
Owner—M. J. Conlon.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.
Contractor—Charles Ungaretti, 1727 Foothill Blvd., Oakland.
Roofing—W. L. Saxby, 4538 Fleming Ave., Oakland.
Plumbing—Al. Petitjean, 1649 11th Avenue, Oakland.
Electric—Kerr & Clifford, 3525 E. 14th Street, Oakland.
Heating—Manck & Christoph.
Tile—Superior Tile Co., 3743 Broadway, Oakland.
Glass—Western Door & Sash Co., 5th and Cypress, Oakland.
Brick Work—George W. Addison, 4000 Maybelle Ave., Oakland.
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley.
Wood Sash—Western Sash & Door Co. 2122 Shattuck Ave., Berkeley.
Flooring—Ability Floor Co., 1807 40th Ave., Oakland.
Window Shades—Friedman Paint Co., 1816 San Pablo Ave., Oakland.

Contract Awarded
RESIDENCE Contract Price, $19,335
HILLSBOROUGH PARK, San Mateo County, Calif.
Two - story and basement frame and stucco residence (11 rooms and 4 baths) Provincial French type; wood shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—George Taylor.
Architect—Harold Stoner, West Portal and Portola Drive, San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.

Contract Awarded
RESIDENCE Cost, $9,000
PALO ALTO, Santa Clara Co., Calif. Nevada Avenue.
One - story and basement frame and stucco residence (7 rooms, 3 baths) shake roof, gas heating system, wood sash, plaster walls, hardwood floors, tile baths, etc.
Owner—M. P. Davison.
Architect—Chas. K. Sumner.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $5,500
SAN JOSE, Santa Clara Co., Calif. Martin and Park Streets.
One - story and basement frame and stucco residence (6 rooms) tile roof, gas heating system, plaster walls, wood sash, hardwood floors.
Owner—A. Brone.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Chas. Guardino, & architect.

To Be Done By Day's Work.
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 931 Park Lane.
Two-story frame and stucco residence (7 rooms).
Owner—Mrs. Emily Rose, 2418 Sacramento St., Berkeley.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. S San Juan E Cayuga Streets.
Two one - story and basement frame stucco residences.
Owner and Builder—A. De Benedetti, 22 Cotter Street.
Architect—D. E. Jaekle, 126 Post St.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. Cotter and San Jose Avenue.
Two one - story and basement frame stucco residences.
Owner and Builder—R. C. McArthur, 6301 Mission Street.
Architect—Oscar Thayer, 1120 Union.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO. E 29th Avenue 150 N Taraval Street.
One - story and basement frame and stucco residence.
Owner and Builder—Andrew J. Benson, 2324 15th Avenue.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. S York 50 W Holliday.
One - story and basement frame and stucco residence.
Owner and Builder—Leonard A. Burner, 4014 Geary Street.
Plans by C. M. Cook, 2363 33rd Ave.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 5911 Acacia Avenue.
Two-story frame and stucco residence (six rooms).
Owner & Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 3924 Lymon Road.
One - story and basement frame and stucco residence (six rooms).
Owner—D. Conrad.
Architect—Not Given.
Contractor—J. S. Flagg, 4021 E 14th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 50 Alamo Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—Mabel H. Jacobs, 815 Coventry Road, Berkeley.
Plans by E. H. Hillier, 2687 Shasta Way, Berkeley.
Contractor—J. V. Short, 1386 Euclid Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Calif. No. 1231 Trestle Glen Road.
Two-story frame and stucco residence (7 rooms).
Owner and Builder—Chas. E. Bardwell, 794 Calmar Ave., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 5839 Mendocino Avenue.
Two-story frame and stucco residence (6 rooms).
Owner — E. L. Gerry, 5759 Shafter Ave., San Francisco.
Architect—Not Given.
Contractor—Leslie C. Dawe, 449 Coventry Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO. College and Crescent Sts.
One-story and basement frame and stucco residence (6 rooms and 2 baths) shingle, tile and composi-

tion roofing, gas heating system, tile baths and kitchen, canvas walls, mahogany trim, wood sash
Owner—Dr. R. S. Mancuso, 22nd and Mission Sts., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Miller & McGillis, 527 19th Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $5,000
ALAMEDA, Alameda Co., Calif. 1407 Lafayette Street.
One - story and basement frame and stucco residence (5 rooms).
Owner—Alameda Builders, 1361 Park St., Alameda.
Architect—Not Given.
Contractor—S. J. Dowling, 2800 Clay St., Alameda.

Contract Awarded.
ALTERATIONS Cost, $3000
SACRAMENTO, Sacramento Co., Cal.
Alterations to residence.
Owner—Mabel Ruth, Premises.
Architect—Not Given.
Contractor—Carl Vogt, 3220 5th Ave., Sacramento.

Plans Being Completed.
PITTSBURG, Contra Costa Co., Calif.
One and one - half - story frame and stucco residence (6 rooms) asbestos shingle roof, gas heating system, hardwood floors, tile bath.)
Owner—E. H. Fischer, Pittsburg.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Bids will be asked within 1 week.

Contract Awarded
RESIDENCE Cost, $7,000
PIEDMONT, Alameda Co., Calif. 11 Cavanaugh Street.
Two-story frame and stucco residence (nine rooms).
Owner—L. Ostaggi, Santa Ray Ave., Piedmont.
Architect—Not Given.
Contractor—D. Cappelletti, 667 Hampshire St., San Francisco.

Contract Awarded
RESIDENCE Cost, $6,000
PIEDMONT, Alameda Co., Cal. No. 6 Parkside Drive.
One - story and basement frame and stucco residence (six rooms).
Owner—Paul H. Hammarberg, 2530 Hilgard Ave., Berkeley.
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard, Berkeley.

Contract Awarded
RESIDENCE Cont. Price, $6,393
ROSS, Marin Co., Calif.
Two-story frame and stucco residence (California-Colonial style).
Owner—Fred Leo.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—Wm. Martin, 666 Mission St., San Francisco.

Construction Started
MONTEREY, Carmel Co., Calif.
Remodel residence (add guest apartment and two garages).
Owner — Mr. and Mrs. Clyde Dorsey, 34 Cuhlar, Monterey.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.
Work is being done by day's labor.

Plans Being Prepared.
RESIDENCE Cost, $——
CARMEL, Monterey Co., Calif.
One - story and basement frame and stucco residence (6 rooms) shingle roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Catherine Howe.
Architect—C. J. Ryland, Carmel.
Bids will be asked in about 2 weeks.

Plans Being Prepared.
RESIDENCE Cost, $——
CARMEL, Monterey Co., Calif.
One - story and basement frame and stucco residence (6 rooms) shingle roof, gas heating system, hardwood floors, wood sash, etc.
Owner—W. Duane.
Architect—C. J. Ryland, Carmel.
Bids will be asked in about 2 weeks.

Preparing Working Drawings.
RESIDENCE Cost, $25,000
LINDSAY, Tulare Co., Calif.
Two-story residence (garages, swimming pool, box stalls and racing track).
Owner—G. H. Waddell, Lindsay.
Architect — Ernest J. Kump, Rowell Building, Fresno.

Contract Awarded.
RESIDENCE Cont. Price, $9288
SAN FRANCISCO. W Jordan Avenue N Euclid Avenue.
Two-story and basement frame and stucco residence (8 rooms, 3 baths)
Owner—Fannie L. Baker.
Architect—J. E. Krafft & Sons, Architects & Engineers, Phelan Bldg
Contractor — Hannah & Wooldridge, 268 Market Street.

Contract Awarded.
RESIDENCE Cost, $4445
BERKELEY, Alameda Co., Calif. Thousand Oaks Heights.
One-story frame and stucco residence
Owner—Roy C. and Marion Cove, 1225 Nielson St., Berkeley.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor — Albert A. Haskell, 255 Ridgeway Ave., Oakland.

Plans Being Figured—Bids Close Feb. 4, 1 P. M.
RESIDENCE Cost, $14,000
SAN RAFAEL, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) tile roof, gas or oil heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Archie and Noble Newsom, Russ Bldg., San Francisco.

Preparing Working Drawings.
RESIDENCE Cost, $6,000
VISALIA, Tulare Co., Calif.
Two-story frame residence.
Owner—Dr. W. C. Zeller, Visalia.
Architect — Ernest J. Kump, Rowell, Building, Fresno.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 6135 Buena Vista Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Paul H. Haller, 6221 Buena Vista Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $3,500
OAKLAND, Alameda Co., Calif. 6324 Crown Avenue.
One-story frame and stucco residence (five rooms).
Owner & Builder—Bruce Dillman, 322 40th St., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. S 28th Street W Noe Street.
One - story and basement frame and stucco residence.
Owner and Builder—Gust L. Peterson, 229 Bonview.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. E Lyon, N Lombard Street.
One - story and basement frame and stucco residence (six rooms).
Owner—Anza Home Building Co., 321 Kearny Street.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street.

Sub-Contracts Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5932 Monzol Avenue.
One-story frame and stucco residence (five rooms).
Architect—W. H. Hyde, 1801 Bank of American Bldg., Oakland.
Contractor—T. D. Courtright, 349 51st Street, Oakland.
Roofing—Marshall Shingle Co. 608 16th Street, Oakland.
Plumbing—Minoggio Bros., 2316 Telegraph Ave., Oakland.
Tile Work—Superior Tile Co., 3743 Broadway, Oakland.
Glass—East Bay Glass Co., 621 6th Street, Oakland.
Brick Work—Herschell and Reinecke, 830 E 11th St., Oakland.
Lathing and Plastering—Erick Koenig 1521 54th St., Oakland.
Lumber—Tilden Lumber Co., Oakland.
Painting—Pacific Painting & Decorating Co., 5414 Telegraph Avenue, Oakland.

Contract Awarded.
RESIDENCE Cost, $6500
YUBA CITY, Sutter Co., Calif.
One- and two-story frame and stucco residence.
Owner—Appeal Democrat.
Plans by Lester Van Doren, Marysville .
Contractor—Phela Bros. Marysville.

Sub-Contracts Awarded
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara County, Cal. 1465 Calaveras Avenue.
Two-story frame and stucco residence (seven rooms).
Owner & Builder—I. Brotzman, 5 Garfield Ave., San Jose.
Architect—Not Given.
Plumbing—A. Andrade, 317 Main St., Santa Clara.
Lumber—McElroy - Cheim Company, San Jose.

To Be Done By Day's Work
RESIDENCES Cost $1,500 each
SAN FRANCISCO. E 30th Avenue N Moraga Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—C. T. Lindsay, 140 Duboce Avenue.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 1712 West Willow Street.
Two-story frame and rustic residence (six rooms).
Owner—E. W. Austin.
Architect—Not Given.
Contractor—D. C. Moore & Sons, 1161 North Pilgrim St., Stockton.

Sub-Bids Being Taken
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. Head of the Lake District.
Two-story frame and stucco residence 7 rooms and 3 baths); tile and composition roofing, gas heating system, wood sash, hardwood floors, etc.
Owner and Builder—A. E. Waldman, 3174 McKillop Road, Oakland.
Architect—Not Given

To Be Done By Day's Work
RESIDENCE Cost, $4,000
STOCKTON, San Joaquin Co., Calif. 1151 West Vine Street.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—F. Paul Dobson, 1151 W. Harding St., Stockton.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $1,750
BURLINGAME, San Mateo Co., Cal.
One - story and basement frame and stucco residence (five rooms).
Owner—Stanley Cleaners, Ltd.
Architect—Not Given.
Contractor — Peninsula Builders, 1150 Burlingame Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Cal. 1510 Middlefield Road.
Two - story and basement frame and stucco residence.
Owner—Lewis H. Leve, 1510 Middlefield Road, Palo Alto.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto.

Contract Awarded.
RESIDENCE Cost, $8000
PALO ALTO, Santa Clara Co., Calif. No. 2191 Webster Street.
Two-story frame and stucco residence
Owner—H. F. Barger, 524 University Ave., Palo Alto.
Architect—Not Given.
Contractor—W. F. Klay, 124 University Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $7000
PALO ALTO, Santa Clara Co., Calif. No. 2150 Byron Street.
One-story frame and stucco residence
Owner—J. H. Stedman, 1818 Bryant St., Palo Alto
Architect—Not Given.
Contractor—Stedman & Stedman, 1818 Bryant St., Palo Alto

Plans Being Figured
ALTERATIONS Cost, $——
SAN FRANCISCO, 2672 Vallejo St.
Alterations to residence.
Owner—B. R. Funston.
Architect—Gardner Dailey, 210 Post. Cahill Bros., 206 Sansome St., are figuring the plans.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 820 Portal Avenue.
Two-story frame and stucco residence (seven rooms).
Owner and Builder—R. R. Bussenius, 1130 Ranleigh Way, Piedmont.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contract Awarded
RESIDENCE Cost, $——
SAN LEANDRO, Alameda Co., Calif. 496 Broadmoor Boulevard.
One-story frame and stucco residence (five rooms).
Owner—John V. Manners, 301 Monte Vista Ave., Oakland.
Architect—Roger Blaine, 1801 Bank of America Bldg., Oakland.
Contractor—W. J. Johnston, 401 Richfield Oil Bldg., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $3,500 each
SAN FRANCISCO, W London South France Street.
Four one - story and basement frame and stucco residences.
Owner and Builder—R. A. McAfee, 125 Cervantes Boulevard.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO, SW Marina Blvd. NW Beach Street.
One - story and basement frame and stucco residence.
Owner—Anza Home Building Co., 321 Kearny Street.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, SE Dewey NE Pacheco.
Four one - story and basement frame and stucco residences.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO, 2506 Green Street.
Alterations to residence.
Owner—A. W. Falk.
Architect—Hyman & Appleton, 68 Post Street.
Contractor—Barrett & Hilp, 918 Harrison Street.

15— SCHOOLS

Additional Sub-Contracts Awarded
AUDITORIUM Cont. Price, $50,000
PLEASANTON, Alameda Co., Calif.
One - story reinforced concrete auditorium (to seat approx. 900).
Owner—Amador Joint High School District.
Architect—Henry S. Smith, Humboldt Bank Bldg., San Francisco.
Structural Engineer—N. B. Green, 55 New Montgomery St., San Francisco.
Contractor—A. Nelson, 242 Ocean Ave. San Francisco.
Heating and Plumbing—Frank Davison, 65 Chesley St., San Francisco.
Rolling Doors—C. J. Waterhouse, 55 New Montgomery St., San Francisco.
As previously reported, electric contract awarded to American Electric Cont. Co., 462 Bryant St., San Francisco; structural steel to Judson Pacific Co., 609 Mission St., San Francisco; reinforcing steel to W. S. Wetenhall, 17th and Wisconsin Streets, San Francisco; mill work to Pacific Mfg. Co., 454 Montgomery Street, San Francisco.

Bids Opened
SCHOOL Cost, $31,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (six classrooms and gymnasium) at roof, steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St., San Francisco.
Low Bidder—Oliver M. Rousseau, 321 Kearny St., San Francisco
Complete bids follow:
Oliver M. Rousseau, S. F. $39,887
Einar C. Petersen, S. F. 43,000
Hanson Brothers, S. F. 56,931
Bids held under advisement until January 29.

Plans Being Prepared
SCHOOL Cost, $4,000
CARNAROS, Monterey Co., Calif.
One - story frame and stucco school (one classroom).
Owner—Carnaros School District.
Architect—Chas. Butner, 51 Maple St., Salinas.
An election will be held Feb. 10, at which time bonds in the amount of $3,000 will be voted upon.

Electrical Contract Awarded.
SHOP Cont. Price, $16,989
FORT BRAGG, Mendocino Co., Calif.
One-story wood shop building (128x70 ft.) will contain woodwork shop, 57x38 ft., metal work, mechanical drawing printing, classwork and storage.
Owner—Fort Bragg Un. High School District.
Architect—N. R. Coulter, 46 Kearny St., San Francisco.
Contractor—Independent Constr. Co., 519 Fell St., San Francisco.
Electric — Nofrey's Plumbing & Elec Shop, Lakeport.

Sub-Contracts Awarded
CONVENT Cost, $60,000
SAN FRANCISCO, N Oak Street 125 E Fillmore Street.
Two-story reinforced concrete convent (25 rooms) roof garden covered with terra cotta tile, Spanish tile on the cornices, oak floors, steam heating and hot water system, colored plaster walls, etc.
Owner—Sacred Heart Parish.
Architect—John J. Foley, 770 5th Ave.
Contractor—Cahill Bros., 206 Sansome.
Grading and Excavation—Sibley Grading & Teaming Co., 165 Landers.
Reinforcing Steel—Truscon Steel Co., 604 Mission Street.
Other awards will be made shortly

TO REVISE PLANS
FRESNO, Fresno Co., Calif.—City Board of Education probably will not accept grant of $56,000 allotted by the PWA toward construction of a school administration building unless an extension of time in which to commence work is allowed. Preliminary plans have been prepared by Architect Chas. Franklin.

Bids Wanted—To Close Feb. 10, 8 P.M.
TOILET BLDGS., ETC. Cost, $——
PORTERVILLE, Tulare Co., Calif.
Alterations and installation of toilet units and gas heating units at the Vandalia School.
Owner—Porterville Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Bids are being taken as follows:
(1) Plumbing work, septic tank and certain building work;
(2) Installation of gas heating appliances and certain alterations.
Plans and specifications may be obtained from B. B. Kreider, Clerk, Porterville Elementary School District.

Bids Wanted—To Close Feb. 10, 8 P.M.
TOILET BLDG. Cost, $——
PORTERVILLE, Tulare Co., Calif.
One-story frame toilet building at the Morton Street School.
Owner—Porterville Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Bids are being taken as follows:
(1) Toilet building complete omitting plumbing work;
(2) Plumbing work only.
Plans and specifications may be obtained from B. B. Kreider, Clerk, Porterville Elementary School District.

Seek Funds
REHABILITATE SCHOOL
Cost, $173,421
BERKELEY, Alameda Co., Calif.
Rehabilitation of Berkeley High School
Owner—Berkeley Board of Education.
Architect—Not Given.
Application has been filed with the PWA for a grant to assist financing the project.

Seek Funds
REHABILITATE SCHOOL
Cost, $110,000
BERKELEY, Alameda Co., Calif
Rehabilitation of Lincoln School.

Owner—Berkeley Board of Education.
Architect—Not Given.
Engineer—Thos. Chace, 605 Market St., San Francisco, and Berkeley Board of Education, Berkeley.
Application has been filed with the PWA for a grant to assist financing the project.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 11 2 P. M., bids will be received by the Los Angeles board of education purchasing division, 1425 S San Pedro St., for the reconstruction, rehabilitation and strengthening of the main brick building at Tenth Street school, 1000 Grattan St. Edward C. Taylor, architect, and Ellis W. Taylor, structural engineer, 803 W. Third Street.

BIDS WANTED

EL SEGUNDO, Los Angeles Co., Cal.—Until February 7, 7:30 P. M., bids will be received by the El Segundo School District for the construction of the elementary group of buildings at El Segundo, a PWA project. Plans and specifications may be obtained at the office of the architect, Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, upon deposit of $25.00 Cost, $165,000.

CONSTRUCTION TO START

ONTARIO, San Bernardino Co., Cal. —Chaffey Union High School District will start work immediately on construction of a music building on the Chaffey junior college site in Ontario, a WPA project. A men's gymnasium will also be erected on the site, work to be started within a few weeks. Cost $100,000. Harry L. Pierce, 1443 Mt. Pleasant St., Los Angeles, architect.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 10, 2 P. M., bids will be received by Los Angeles bureau of education purchasing division, 1425 S. Son Pedro Street, for a two-story reinforced concrete physical education bldg. to be erected at Horace Mann junior high school, 7001 S. St. Andrews Place. Cost, $51-000. Douglas H. McLellan and Allen McGill, 805 Architects' Bldg., architects; S. B. Barnes, 803 W Third St., structural engineer, and R. E. Phillips, 603 Architects' Bldg., mechanical engineer.

BIDS WANTED

WILMINGTON, Los Angeles Co., Cal.—Until February 7, 2 P. M., bids will be received by Los Angeles board of education purchasing division, 1425 S. San Pedro St., Los Angeles, for a two-story reinforced concrete boys' and girls' gymnasium (94x170-ft.) to be erected at Phineas Banning high school, 1500 Avalon Blvd., Wilmington. Cost, $43,000. Edgar H. Cline, 543 N. Wilcox Ave., Los Angeles, architect; Ralph A. DeLine, 1144 South Grand Ave., Los Angeles, structural engineer, and Ralph E. Phillips, 603 Architects' Bldg., Los Angeles, mechanical engineer.

Construction To Start Immediately.

COMPLETE SCHOOL Cost, $——
CARMEL, Monterey Co., Calif. San Carlos and Ninth Streets.
Complete two classrooms and paint exterior of building.
Owner—Sunset School.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.
Project will be financed with WPA funds.

BIDS WANTED

PALOS VERDES, Los Angeles Co., Cal.—Until February 4, 7:45 P. M., bids will be received by the Palos Verdes School District, 335 Via Almar, Palos Verdes Estates, for two-story reinforced concrete addition to an existing classroom building at Malaga Cove school, 385 Via Almar, Palos Verdes Estates. Cost, $35,000. Allison & Allison, 1014 Edison Bldg., Los Angeles, architect.

Preparing Working Drawings.

SCHOOL Cost, $15,000
MERCED, Merced Co., Calif.
Frame and stucco kindergarten for elementary school.
Owner—Merced Elementary School District.
Architect—Ernest J. Kump, Rowell Building, Fresno.

Low Bidders

CHEMISTRY BLDG. Cost, $1,200,000
SEATTLE, Wash. Campus of University of Washington.
Three- and four-story reinforced concrete chemistry building (exterior walls faced with brick, cast stone or terra cotta trim, flat roofs, quarry tile or terrazzo floors, direct radiation heating system etc.)
Owner—State of Washington.
Architect — F. A. Naramore, Central Building, and Clyde Grainger, and Donald Thomas, Arcade Building, Seattle.
Supervising Architects—Bebb & Gould Hoge Building, Seattle.
Low Bidder—Sound Const. & Eng. Co. Seattle, $376,624.
Plumbing & Heating—Wenzler-Ward, Ashwell & Twist, and Rutman Plumbing and Heating Co., Seattle, $245,467.
Electric—O. A. Carlson, Seattle, $71,-546.00.
Lighting Fixtures — Cascade Fixtures & Lighting Co., Seattle, $40,690.
Laboratory Fixtures—Tacoma Mill Work & Supply Co., Tacoma, $139-407.00.
Bids held under advisement.

Plans Being Prepared.

ELECTRICAL WORK Cost, $3,000
SAN LEANDRO, Alameda Co., Calif.
Electrical work for McKinley and Washington Schools.
Owner—San Leandro School District.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Electrical Engineers—Hunter & Hudson, 41 Sutter St., San Francisco.
Bids will be asked in about 2 weeks.

BOND ELECTION

BURLINGAME, San Mateo Co., Cal. —Burlingame Elementary School District will vote February 25 on a proposal to issue bonds in the amount of $85,000 to finance reconstruction of six elementary schools in Burlingame. Preliminary plans prepared by Architect James H. Mitchell, 369 Pine St., San Francisco, and Structural Engineer Harold B. Hammill, 381 Bush St. San Francisco.

CONTRACT AWARDED

VAN NUYS, Los Angeles Co., Cal. —N. A. Anderson, 111 W. Seventh St., Los Angeles, awarded contract by Los Angeles Board of Education at $62,-000 for construction of a one-story school building at Reseda School, 7265 Amigo Ave., Van Nuys district. A. S. Nibecker Jr., architect, 1425 S. San Pedro St., Los Angeles.

Structural Steel Contract Awarded.

IMP. SCHOOL Cont. Price, $61,493
CROCKETT, Contra Costa Co., Calif.
Reconstruct west wing of the grammar school.
Owner — Carquinez Grammar School District.
Structural Engineer—Dewell & Earl, 55 New Montgomery Street, San Francisco.
Architect — H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—C. L. Wold Constr. Co., 4412 Fulton St., San Francisco
Structural Steel and Miscellaneous Iron—Independent Iron Works, 921 Pine St., Oakland.
Other awards will be made shortly.

Plans Being Prepared.

REHABILITATE SCHOOL $40,000
LIVERMORE, Alameda Co., Calif.
Rehabilitation of elementary school.
Owner—Livermore Elementary School District.
Architect—Henry H. Meyers, 2021 Alameda Ave., Alameda.
Project approved by the WPA.

Bids Wanted—To Close Feb. 10, 7:30 P. M.

SHOPS Cost, $35,000
SACRAMENTO, Sacramento Co., Cal. West Freeport Blvd.-bet. Bidwell Way and Sixth Avenue.
Shops and senior high school building (first unit).
Owner—Sacramento School District.
Architect—Starks and Flanders, Bank of America Bldg., Sacramento.
Plans and specifications may be obtained from the architects upon deposit of $25.00.

Sub-Contracts Awarded

SCHOOL Contract Price, $105,184
GRASS VALLEY, Nevada Co., Calif.
One-story reinforced concrete school building (ten classrooms).
Owner—Grass Valley Junior High School District.
Architect—Fred Reimers, 233 Post St., San Francisco.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland.
Plumbing and Heating—Scott Co., 113 Tenth St., Oakland.
Roofing—Thomas Brown, Grass Valley.
Iron—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Tile Work—Superior Tile Co., 3743 Broadway, Oakland.
Hardware—Associated Hardware Co., 3862 San Pablo Ave., Oakland.
Electric—Spott Electric Co., 569 19th Street, Oakland.
Painting—John Bray, Grass Valley.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Mill Work—Oakland Planing Mill, 105 Washington St., Oakland.
Patent Window Hardware—Universal Window Co., 950 Parker Street, Berkeley.
Blackboards—Turner Co., 557 Market St., San Francisco.
Plastering—Lotz & Bennett, Nevada City.
Sheet Metal—Ace Sheet Metal Works, Grass Valley.
Linoleum and Window Shades—Hanson & Thomas, Grass Valley.

Plans Completed

ADDITION Cost, $70,000
LEMOORE, Kings Co., Calif.
Frame and stucco addition to elementary school (ten classrooms).
Owner — Lemoore Elementary School District.
Architect — Ernest J. Kump, Rowell Building, Fresno.
Application has been filed with the PWA for a grant of $39,000. Bonds in the amount of $48,000 were recently voted.

Preparing Working Drawings.

SCHOOL Cost, $60,000
AVENAL, Kings Co., Calif.
One-story brick elementary school (6 classrooms).
Owner—Reefe-Sunset School District.
Architect — Ernest J. Kump, Rowell Building, Fresno.

Award Recommended
RECONDITION SCHOOL
Contract Price, $69,119
SAN LEANDRO, Alameda Co., Calif.
Reconstruct McKinley and Washington schools (enlarge auditorium, etc.)
Owner—San Leandro School District.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—C. N. Swenson, 355 Stockton Ave., San Jose.
Recommendation made to the PWA that contract be awarded Mr. Swenson.

Contract Awarded
HIGH SCHOOL Cont. Price, $52,100
CAMPBELL, Santa Clara Co., Calif. Campbell Avenue.
One - story reinforced concrete high school (12 classrooms).
Owner—Campbell High School District (Mrs. Louis Shelley, clerk).
Architect—W. H. Weeks, 593 Market St., San Francisco.
Contractor—N. J. Nielsen, 1270 Iris Court, San Jose.
Plumbing and Heating—Wm. F. Serpa 497 N. 13th St., San Jose, $6,695.
Complete bids published Dec. 18.

Sub-Contracts Awarded.
HIGH SCHOOL Cont. Price, $164,861
ARBUCKLE, Colusa Co., Cal.
One-story reinforced concrete high school (10 classrooms, auditorium to seat 750, gymnasium, shop) flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.
Owner — Pierce Union High School District.
Architect — W. E Coffman, Forum Bldg., Sacramento.
Contractor—James L. McLaughlin, 251 Kearny St., San Francisco.
Metal Lockers—C. J. Waterhouse, 55 New Montgomery St., San Francisco.
Maple Flooring—Regal Floor Co., 490 Brannan St., San Francisco.
Linoleum — Royal Floor & Linoleum Co., 475 Sutter St., San Francisco.
Metal Partitions — Ebco Mfg. Co., (Geo. W. Holmes, Rep.)
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Tile and Marble—Fischer Tile & Marble Co., 1219 J St., Sacramento.
Patent Window Hardware — Universal Window Co., 950 Parker St., Berkeley.
Mill Work—Lannom Bros. Mfg., Co., 5th and Magnolia Sts., Oakland.
Roofing—Roof Service Co., 1900 Alhambra Blvd., Sacramento.
Electric—Ed Lynch Electric Co., 2080 Sutter St., San Francisco.
Plumbing, Heating and Sheet Metal—M. R. Carpenter Co., 907 Front St., Sacramento.

Sub-Contracts Awarded.
SCHOOL Cont. Price, $23,800
LAKE COUNTY, Cal. Burns Valley.
One-story frame and stucco grammar school (3 classrooms and assembly hall).
Owner—Burns Valley School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—A. O. Lightford, Upper Lake.
Roofing—W. R. Rapp, Santa Rosa.
Glass—Jackle Bros., Napa.
Iron Grille Work—Anchor Post Fence Co., 460 5th St., San Francisco.
Lumber—Calistoga Lumber Co., Napa
Wood Sash—Jackle Bros., Napa.
Painting—E. A. Kelly, Willitts.
Window Shades—Curry Furniture Co., Lakeport.
Reinforcing Steel — Soule Steel Co., 1750 Army St., San Francisco.

BIDS OPENED
SAN FRANCISCO. — Hanson Bros., 5840 Mission Street, at $1,195 submitted only bid to Department of Public Works for sanding and refinishing the hardwood floors in office and teachers' lunch room at the Guadalupe School, Cordova and Sprague Streets.
Bid held under advisement. • 15

Bids Opened
SCHOOL Cost, $31,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (six classrooms and gymnasium), steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St., San Francisco.
Low Bidder—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Complete bids follow:
Oliver M. Rousseau, S. F. $35,487
H. L. Petersen, S. F. 43,385
Hanson Bros., S. F. 56,931
Bids held under advisement.
In our issue of January 28 the name of Einar C. Petersen was given, which was in error and should have read H. L. Petersen.

Bids Opened.
ADDITION Cost, $45,000
VISALIA, Tulare Co., Calif.
Two high school additions, two-story four - room addition to acamedic building, and one-story chemistry laboratory and classroom addition to science hall.
Owner — Visalia Union High School District.
Architect — C. A. Balch, 1914 S. Vermont Ave., Los Angeles.
Low Bidders—Hodgson & Sons, Porterville (Item 1); Harrison Constr. Co., Fresno (Item 2).
Complete bids follow:
Hodgson & Sons, Porterville
..... (1) $20,388
..... (2) 28,245
Harris Constr. Co., Fresno..(1) 21,322
..... (2) 27,887
Fisher & McNulty, Fresno....(1) 20,474
..... (2) 29,372
R. P. Moore, Fresno..... (1) 22,600
..... (2) 28,558
Bids held under advisement.

BIDS WANTED
ALHAMBRA, Los Angeles Co., Cal. Until February 10, 8 P. M., bids will be received by Alhambra Board of Education for the construction of a new classroom and auditorium building on the Ramona School site in Alhambra, a PWA project. Certified or cashier's check for 5% must accompany each bid. Plans and specifications may be obtained at the office of the Board, Third and Main Sts., Alhambra, upon deposit of $25. Cost, $130,000. Walker Smart, 39 E. Main St., Alhambra, architect, and Murray Erick, 811 W. Seventh St., Los Angeles, structural engineer. 5

Contract Awarded
RECONSTRUCT SCHOOLS
Contract Price, $69,619
SAN LEANDRO, Alameda Co., Calif.
Reconstruct McKinley and Washington Schools (enlarge auditorium, etc.)
Owner—San Leandro School District.
Engineer—H. J. Brunnier, Sharon Building, San Francisco.
Contractor—Carl N. Swenson, 355 Stockton Ave., San Jose.
Complete bids published Jan. 17.

CONTRACT AWARDED
WILMINGTON, Los Angeles Co., Cal.—Harvey A. Nichols, 936 E. Slausen Ave., Los Angeles, awarded contract by Los Angeles Board of Education at $45,710 for reconstruction, rehabilitation and strengthening of Building No. 3 at Fries Avenue School, 1301 Fries Ave., Wilmington. H. F. Withey, 405 S. Western Ave., Los Angeles, Architect, and Blake E. Beatty, 816 W. Fifth St., Los Angeles, Structural Engineer.

LOW BIDDER
LOS ANGELES, Cal.—Contracting Engineers, 2310½ W. Vernon Avenue, submitted low bid to Los Angeles Board of Education at $61,990, for reconstruction, strengthening and rehabilitation of the main building at Forty-second Street School, 4231 4th Ave. A. F. Rosenheim, Architect, and R. McC. Beanfield, 629 Chamber of Commerce Bldg., Structural Engineer.

New Bids Wanted—To Close February 10, 8 P. M.
SCHOOL Cost, $23,636
KNIGHTSEN, Contra Costa Co., Cal.
One-story frame and stucco elementary school (4 classrooms).
Owner—Knightsen Elementary School District.
Architect—James Narbett, 166 31st St. Richmond.
Plans and specifications may be obtained from the architect upon deposit of $10.
On previous bid opening lowest bid was submitted by Robert Miller, Modesto, at $32,790.

PREPARING PLANS
LOS ANGELES, Calif. — Architects Henry C. Newton and Robert Dennis Murray, 502 Architects' Bldg., preparing working drawings for a two-story school building to be erected at Holy Spirit school, corner of Pico and Dunsmuir Ave., for the Roman Catholic Bishop of Los Angeles and San Diego; Rev. P. J. Concannon, rector.

BONDS VOTED
BARSTOW San Bernardino Co., Cal.—Barstow Union High School District affirmed an $85,000 bond issue proceeds to be used as district's share of the cost of a new high school plant. Application has been made to the PWA for a 45 per cent grant. The plant will consist of a combination auditorium and gymnasium building, a classroom, and administration building and a shop building. They will be reinforced concrete structures with tile roofing, steel sash, low pressure steam heating system, ventilating equipment in auditorium, etc. Total estimated cost $145,000. E. Charles Parks, 657 N. Eighth Street, Colton, architect. 5

CONTRACTS AWARDED
PHOENIX, Ariz.—Maricopa County School Dist. No. 1 awarded following contracts for additions to Phoenix Grammar Schools, all PWA projects; Emerson School addition, $16,774; C. O. Johnson, contractor, H. H. Green, architect; Franklin School addition, $17,964, Chipperfield & Dubach, contractors, Jake Knapp, architect; Stevenson School addition, $58,758, Jack Davey, contractor, D. E. Chenault, architect. Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, supervising architects.

Plans Being Completed.
HIGH SCHOOL Cost, $80,000
SILVERTON, Oregon.
Three-story frame and reinforced concrete high school (120x175 feet); brick exterior, composition roof, steam heating system, acoustical treatment, hollow tile, lockers, skylights, wood sash, structural steel, etc.
Owner—Silverton Board of Education.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland, Oregon.
Bids will be asked shortly.

BIDS WANTED

EL SEGUNDO, Los Angeles Co., Cal.—Until 7:30 P. M., February 7, bids will be received by the El Segundo High School District for reconstructing the gymnasium building at El Segundo high school, a PWA project. Plans and specifications may be obtained at the office of the architect, Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, upon deposit of $25. Cost, $10,000.

Bids Rejected.

SCHOOL Cost, $23,636
KNIGHTSEN, Contra Costa Co., Cal.
One-story frame and stucco elementary school (4 classrooms).
Owner—Knightsen Elementary School District.
Architect—James Narbett, 466 31st St. Richmond.
New bids will be asked shortly.
On previous bid opening lowest bid was submitted by Robert Miller, Modesto, at $32,790.

Bids Rejected.

GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
New bids will be asked shortly.
On previous bid opening lowest bid was submitted by C. L. Wold, San Francisco, at $79,855 on the general work; United Electric Co., San Francisco, low on electrical at $1261 and M. J. Reeves Heating Co., San Francisco low on mechanical work at $11,136.

Bids Wanted—To Close Feb. 13, 8 P.M.

MECHANICAL EQUIP. Cost, $——
SEBASTOPOL, Sonoma Co., Calif.
Mechanical equipment for grammar school.
Owner—Sebastopol Union Elementary School.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plans and specifications may be obtained from the architects upon deposit of $15.00.
The general contract has been awarded to L. Diogardi, Sebastopol, at $61,925.

Bids Opened.

SCHOOL Cost, $45,000
HILMAR, Merced Co., Calif.
One-story frame and stucco elementary school (8 classrooms).
Owner—Elim Union School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Low Bidder — H. H. Henning, 1751 Berkeley Ave., Stockton.
Complete bids follow:

H. H. Henning	$41,212
L. Ubels, Ripon	42,780
H. Tennyson, Modesto	45,330
Einar Petersen, S. F.	45,440
Harry Brown, Modesto	46,680

Recommendation made to the PWA to award the contract to H. H. Henning, Stockton, at $41,212.

Sub-Contracts Awarded

ADDITION Cont. Price, $64,925
ELK GROVE, Sacramento Co., Calif
Brick, concrete and steel addition to high school (science building and boiler room).
Owner—Elk Grove Union High School District.
Architect—Jens C. Petersen, 812 26th Street, Sacramento.
Contractor—Campbell Constr. Co., 800 R Street, Sacramento.
Roofing—Capital Roofing Co., 2011 Q Street, Sacramento.
Plumbing—M. R. Carpenter, 907 Front Street, Sacramento.
Electric Wiring—George C. Foss, 1720 Eighth St., Sacramento.
Heating—Hately & Hately, 1710 Tenth Street, Sacramento.
Sheet Metal—F. Z. Ahl Sheet Metal Works, 2114 P St., Sacramento.
Glass—W. P. Fuller & Co., 1013 12th Street, Sacramento.
Lathing & Plastering—Thos. F. Scollan Co., 2919 T St., Sacramento.
Lumber—J. M. Derr Lumber Co., Elk Grove.
Painting—W. H. Raymond Co., 2710 Donner Way, Sacramento.

Sub-Contracts Awarded

GYMNASIUM Cont. Price, $92,641
CHICO, Butte Co., Calif.
One - story reinforced concrete gymnasium for Chico High School.
Owner—Chico High School District
Architect—Chester Cole, 4418 Second Street, Chico.
Contractor—Campbell Constr. Co., 800 R Street, Sacramento.
Roofing—Sierra Roofing Co., Chico.
Plumbing—Luppen & Hawley, 3126 J Street, Sacramento.
Heating—Luppen & Hawley, 3126 J Street, Sacramento.
Electric Wiring—George C. Foss, 1720 Eighth St., Sacramento.
Sheet Metal—Moore Sheet Metal W'ks Chico.
Tile Work—H. P. Fischer Tile & Marble Co., 1219 J St., Sacramento.
Glass—Diamond Match Co., Chico.
Lathing & Plastering—Thos. F. Scollan Co., 2919 T St., Sacramento.
Lumber—Diamond Match Co., Chico.
Steel Sash—Truscon Steel Co., 604 Mission St., San Francisco.
Painting—Willcoxon and Wilson, 1724 31th Street, Sacramento.
Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
Structural Steel — Palm Iron Works, 1501 S St., Sacramento.

New Bids Wanted—To Close Feb. 14, 5 P. M.

SCHOOL Cost, $22,000
TRUCKEE, Nevada Co., Calif.
One - story frame and stucco elementary school (3 classrooms and auditorium).
Owner—Truckee School District.
Architect—Masten & Hurd, 233 Post Street, San Francisco.
Plans and specifications may be obtained from the architects upon deposit of $25.00.
On previous bid opening only bid was submitted by William Martin, 666 Mission St., San Francisco, at $44,000.

Sub-Contracts Awarded

SCHOOL Cost, $81,165
CHICO, Butte Co., Calif.
One-story reinforced concrete elementary school unit.
Owner—Chico School District.
Architect—Chester Cole, 4418 Second Street, Chico.
Contractor—Campbell Constr. Co., 800 R Street, Sacramento.
Plumbing—Luppen & Hawley, 3126 J Street, Sacramento.
Electric Wiring—George C. Foss, 1720 Eighth St., Sacramento.
Heating—Luppen and Hawley, 3126 J Street, Sacramento.
Sheet Metal—Moore Sheet Metal W'ks Chico.
Tile Work—H. P. Fischer Tile & Marble Co., 1219 J St., Sacramento.
Glass—Diamond Match Co., Chico.
Lathing & Plastering—Thos. F. Scollan Co., 2919 T St., Sacramento.
Lumber—Diamond Match Co., Chico.
Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
Painting—Willcoxon and Wilson, 1724 31th Street, Sacramento.
Window Shades—Wm. A. Rapp & Son, 622 20th St., Sacramento.

Low Bidder.

SCHOOL Cost, $34,000
MORRO, San Luis Obispo Co., Calif.
One-story school building.
Owner—Morro Union School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Low Bidder—F. C. Stolte, San Simeon

Sub-Contracts Awarded

SCHOOL Cont. Price, $28,971
ELK GROVE, Sacramento Co., Calif.
One - story brick and steel grammar school.
Owner — Elk Grove Union Grammar School District (E. V. Polhemus, Clerk).
Architect—Jens C. Petersen, 812 26th Street, Sacramento.
Contractor—Campbell Constr. Co., 800 R Street, Sacramento.
Roofing—F. A. Clark, Box 1888, Route 1, Sacramento.
Plumbing—Hately & Hately, 1710 10th Street, Sacramento.
Electric Wiring—George C. Foss, 1720 Eighth St., Sacramento.
Heating—Hately & Hately, 1710 Tenth Street, Sacramento.
Glass—W. P. Fuller & Co., 1013 12th Street, Sacramento.
Lathing & Plastering—Thos. F. Scollan Co., 2919 T St., Sacramento.
Lumber—J. M. Derr Lumber Co., Elk Grove.
Painting—W. H. Raymond Co., 2710 Donnery Way, Sacramento.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 5, 1:45 P. M., informal bids will be received by Department of Public W'ks, Room 251, City Hall, for sanding and refinishing hardwood floors in principal's and outer office involving approximately 300 sq. ft., at the Edward Robeson Taylor School, Burrows and Somerset Streets.
Further particulars may be obtained from R. A. Chisholm, 484 11th St.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 5, 1:45 P. M., informal bids will be received by Department of Public W'ks, Room 251, City Hall, for sanding and refinishing hardwood floors in principal's and outer office, and lunch room at the Guadalupe School, Cordova and Sprague Streets.
Further particulars may be obtained from R. A. Chisholm, 484 11th St.

General Bids Wanted—To Close Feb. 7th, 11:30 A. M.

MACHINE SHOP Total Cost, $219,584
SAN FRANCISCO, Geary Blvd., Balboa, 30th and 32nd Avenues.
Three - story reinforced concrete machine shop bldg. at Geo. Washington School (steel sash).
Owner—City and County of San Francisco.
Architect—Miller & Pflueger, 580 Market Street.
Estimated cost $117,000 for general work. Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 267, City Hall, upon deposit of $25.00.
On previous bid opening lowest bid on electrical work was submitted by United Electric Const. Co., 544 Golden Gate Ave., at $8,847, and Anderson & Rowe, 45 Belcher St., submitted low bid on mechanical work and plumbing at $26,988. No bids were received on the general work.

Plumbing and Heating Contract Awarded

ALTERATIONS Cont. Price, $143,725
BERKELEY, Alameda Co., Calif. 1775 Rose Street.
Alterations to Garfield School.
Owner—Berkeley School District.

Architect — Bakewell and Weihe, 251 Kearny St., San Francisco.
Engineer—Thomas F. Chace, Berkeley Board of Education, Berkeley.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.
Plumbing and Heating—J. E. O'Mara, 2720 McAllister St., San Francisco.
Other awards reported January 23.

Bids Wanted—To Close February 18, 4 P. M.
RECON. SCHOOL Cost, $——
OAKLAND, Alameda Co., Calif. Lincoln Avenue and Scenic Street.
Structural alterations to Sequola School (12 rooms) brick and tile construction.
Owner—Oakland School District.
Architect—W. G. Corlett, Administration Bldg., Oakland.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Award Recommended
ADDITION Cont. Price, $44,564
VISALIA, Tulare Co., Calif.
Two high school additions, two-story 4-room addition to academic bldg., and 1-story chemistry laboratory and classroom addition to science hall.
Owner—Visalia Union High School District.
Architect—C. A. Balch, 1914 S. Vermont Ave., Los Angeles.
Contractor—Hodgson & Sons, Porterville.
Recommendation made to the PWA that contract be awarded to Hodgson & Sons at $44,564.

16— BANKS, STORES AND OFFICES

Contract Awarded.
STORE Cost, $16,500
OAKLAND, Alameda Co., Cal. No. 4186 Piedmont Avenue.
One-story frame store building.
Owner—The Lurie Co., San Francisco
Plans by G. W. Catterill, 4221 Horton St., Emeryville.
Contractor—Daley Bros., 4221 Horton St., Emeryville.

Contract Awarded.
ALTERATIONS Cost, $2500
SACRAMENTO, Sacramento Co., Cal. No. 730 K Street.
Owner—Urban Properties Company.
Architect—Not Given.
Contractor—L. C. Sullivan Co., Ltd., 3909 Loma Vista Ave., Oakland.

Contract Awarded
ALTERATIONS Cost $2,000
SAN FRANCISCO. NE Geary and Stockton Streets.
Alterations to stores and offices.
Owner — Progressive Optical System, Inc., 721 Market Street.
Architect—Not Given.
Contractor—Arthur A. Plagge, 1474 30th Avenue.

Contract Awarded
STORE Cost, $10,000
PITTSBURG, Contra Costa Co., Calif.
One-story brick store building(composition roofing, wood floors, etc.)
Owner—Post Dispatch, Pittsburg.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—Herbert Waltz, Star Rte., Sonora.

PLANS BEING FIGURED
LOS ANGELES, Calif. — Columbia Pictures Corp., 1438 N Gower St., is taking bids for a new sound effects building to be erected at 1438 N. Gower Street for the company. It will be a Class A reinforced concrete structure. Plans were prepared by the owner's architectural department.

Contract Awarded.
STORE BLDG. Cost, $10,000
OAKLAND, Alameda Co., Cal. Lakeshore Boulevard.
Two-story Class C store building (50x100 feet) plate glass front, steel trusses, tar and gravel roof, tile concrete walls, etc.
Owner—Clarence Hill.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—E. S. Campomenosl, 6401 Broadway Terrace, Oakland.

Preliminary Plans Completed.
ALTERATIONS Cost, $——
SAN FRANCISCO. Stockton & Market Streets.
Alterations and additions to store building (440 foot frontage); resurface exterior with glazed terra cotta, granite base, new display windows, fixtures, etc.
Owner—Roos Bros., Premises.
Architect—Bliss & Fairweather, Balboa Bldg., and Albert R. Williams, Humboldt Bank Bldg., San Francisco.

Sub-Bids Wanted.
STORE Cost, $16,500
OAKLAND, Alameda Co., Cal. No. 4186 Piedmont Avenue.
One-story frame store building.
Owner—The Lurie Co., San Francisco.
Plans by G. W. Catterill, 4221 Horton St., Emeryville.
Contractor—Daley Bros., 4221 Horton St., Emeryville.
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Sub-bids are wanted on roofing, plumbing, electric wiring, sheet metal glass, painting, lathing and plastering, steel sash, concrete and reinforcing steel.

Contract Awarded
STORE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 511 East Harding Way.
One-story frame and stucco store bldg.
Owner—Domenico Lagorio, 426 East Wyandotte St., Stockton.
Architect—Not Given.
Contractor—E. Merlo, Moreings Lane Stockton.

Plans Being Figured.
BUILDING Cost, $——
FAIRFIELD, Solano Co., Cal. Texas Street.
One-story reinforced concrete building (35x50 feet).
Owner—J. B. Olds and Joe Pimentel, Fairfield.
Architect—Not Given.

Construction Started.
AUTO BLDG. Cost, $——
SALINAS, Monterey Co., Calif. Abbott St. bet. Maple St. and Alameda Ave. (2-acre site).
Automobile sales building (offices, display quarters, shop, etc.) 60-foot frontage, shape to be 40x100 feet (California style of architecture)
Owner—Johnson's Garages, Inc.
Architect—Chas. Butner, 51 Maple St. Salinas.
Mgr. of Const.—E. F. Reese, 35 Santa Lucia Ave., Salinas.

COMPLETING PLANS
HANFORD, Kings Co., Calif.—Architects Plummer, Wurdeman & Becket, 901-902 Architects' Bldg., Los Angeles, completing revised drawings for alterations to a cafe building at Hanford for Peden's Cafe. The work will consist of installing new plate glass front, new wood stairway, air conditioning system, acoustical system, redecorating, etc. Bids on fixtures and cabinet work will be taken from Los Angeles contractors.

To Be Done By Day's Work
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 2598 Mission St.
Alterations to store building.
Owner—New Mission Market, 2584 Mission Street.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. NE Pacific and Van Ness Avenues.
Alterations to store building.
Owner—Chas. Morosini, 929 Filbert St.
Architect—Not Given.
Contractor — Grant Martinelli Const. Co., 44 Mary Street.

Plans Being Figured—Bids Close Feb. 7th.
STORE Cost, $10,000
OAKLAND, Alameda Co., Cal. Lakeshore Blvd. near Trestle Glen.
One-story steel and brick store building (3 stores) tar and gravel roof, steel sash, tile front, etc.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.

BIDS WANTED
SAN FRANCISCO.—Until Feb. 5, 1:45 P. M., informal bids will be received by Department of Public W'ks, Room 251, City Hall, for furnishing and installing approximately 21 yards of 8-thread monks cloth dyed to harmonize with woodwork in the anteroom of the Mayor's Office, City Hall.
Further particulars may be obtained from R. A. Chisholm, 484 11th St.

Contract Awarded
ALTERATIONS Cost, $6,000
SAN FRANCISCO. 1278 Market St.
Alterations to hotel and store bldg.
Owner—F. C. Hotaling.
Architect—J. E. Krafft & Son, Phelan Building.
Contractor—G. P. W. Jensen & Sons, 320 Market Street.

17— THEATRES

Preparing Working Drawings
THEATRE Cost, $60,000
SAN FRANCISCO. Twenty-fourth and Noe Streets.
One-story and balcony steel frame and reinforced concrete theatre building (to seat 1000).
Owner—Golden State Theatre & Realty Co., 25 Taylor Street.
Architect—Mark Jorgensen 321 Bush.

PLANS BEING FIGURED
BEVERLY HILLS, Los Angeles Co., Cal.—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is taking bids for altering the theatre building on Beverly Drive, Beverly Hills, for the Fox West Coast Theatres ,Inc. Work will consist of altering the foyer, lobby and box office; plaster facing, reinforced concrete stairs, marquise, glass work, painting, decorating, etc. Cost, $40,000.

PLANNED
BEVERLY HILLS, Los Angeles Co. Cal.—Harrison & Cordingly, 1142 Glendon Ave., Westwood, report preliminary negotiations under way for a proposed new theater and store building to be built on La Cienega, north of Wilshire Blvd., Beverly Hills. Architect C. A. Balch, 1914 S. Vermont Ave., Los Angeles, has prepared the sketches for the structure.

Plans Being Figured.
ALTERATIONS Cost, $——
ALAMEDA, Alameda Co., Calif.
Alterations to Strand Theatre (new lobby, remodel auditorium, marquee, new display frames, new

chairs, drapes, lighting fixtures)
Owner—Nasser Bros., 25 Taylor St., San Francisco.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
About ten days will be allowed for figuring the plans.

18—WHARVES & DOCKS

BIDS WANTED

BENICIA, Solano Co., Calif.—Until February 21, 10 A. M., bids will be received by Commanding Officer, Benicia, for repairs to wharf at the arsenal. Work involves replacing ten fender piles and one mooring pile by new creosoted piles, etc.

Plans and specifications may be obtained from above office. *

BIDS WANTED

SAN DIEGO, Cal.—Until Feb. 13, 11 A. M., bids will be received by Public Works Officer, Eleventh Naval District, foot of Broadway, San Diego, for repairs to concrete wharf and bulkhead at the Naval Operating Base (Air Station), San Diego; Spec. No. 8072.

Work includes repairs to existing concrete superstructure of concrete wharf and exposed faces of the existing concrete bulkhead which have deteriorated, cracked and spalled, due primarily to rusting of reinforcing steel. Repairs will consist of breaking out of concrete as required to expose and clean reinforcing steel, cleaning and sand blasting the exposed concrete surfaces and the exposed concrete reinforcing steel, and the building up and replacing of the broken out concrete by the cement gun method. Work also includes waterproofing only of the repaired areas of the concrete wharf.

Bidding data may be obtained from above office and from the Bureau of Yards and Docks, Navy Department, Washington, D. C., upon deposit of $10.00.

18— WHARVES & DOCKS

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 19 10 A. M., bids will be received by the general manager of the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for cargo (fruit) terminal at Berth 147, Los Angeles Harbor under Spec. No. 954. The work involves constructing a creosoted timber wharf approximately 630 feet in length by 33 feet in width and covered conveyor platforms served by rail trackage.

Plans and bidding data may be obtained from harbor engineer, Branch City Hall, San Pedro, upon deposit of $10. Certified check or bond for 10% must accompany each bid. Arthur Eldridge, general manager.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 19 10 A. M., bids will be received by the general manager of the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for concrete wharf and steel frame transit shed at Berth 155, Wilmington district, under Spec. No. 950; PWA Docket No. 1209; Unit 2. The work involves constructing a concrete wharf and a steel frame transit shed, 441 feet in length by 120 feet in width, including steel rolling doors and sash, electrical and sprinkler system, pavement, trackage, etc.

Plans and bidding data may be obtained from harbor engineer, Branch City Hall, San Pedro.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 19 10 A. M., bids will be received by the general manager of the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for timber apron wharf at Berth 155, Wilmington district, under Spec. No. 949; Unit 1. The work involves the construction of a creosoted timber wharf approximately 462 ft. in length by 22½ ft. in width.

Plans and bidding data may be obtained from harbor engineer, Branch City Hall, San Pedro, upon deposit of $10. Certified check or bond for 10% must accompany each bid. Arthur Eldridge, general manager.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 19 10 A. M., bids will be received by the general manager of the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for dismantling and relocating municipal transit shed facility at Berth 155, Los Angeles Harbor, under Spec. No. 948; PWA Docket No. 1210. *

Funds Allotted

DOCK & SHED Cost, $50,909
STOCKTON, San Joaquin Co., Calif. Stockton Waterfront.
Local freight and barge trans-shipment dock and transit shed.
Owner—Stockton Port Commission.
Plans by Engineering Dept. of Owner.
PWA has made a loan and grant of $50,909 to finance construction.

BIDS WANTED

SAN DIEGO, Cal.—Until Feb. 13, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8072, for repairs to concrete wharf and bulkhead at the Naval Operating Base (Air Station), San Diego. Estimated cost, $10,000.

The work includes repairs to the existing concrete superstructure of concrete wharf and exposed faces of the existing concrete bulkhead which have deteriorated, cracked and spalled, due primarily to rusting of the reinforcing steel. The repairs will consist of the breaking out of the concrete, as required to expose and clean the reinforcing steel, the cleaning and sand blasting of the exposed concrete surfaces and the exposed reinforcing steel and the building up and replacing of the broken out concrete by the cement gun method. The work also includes the waterproofing only of the repaired areas of the concrete wharf.

Plans and specifications obtainable from above office upon deposit of $10.

19—MISC. CONSTRUCTION

NO BIDS RECEIVED

SAN FRANCISCO.—No bids were received by the Department of Public Works January 29 for removing the vault in Assessor's Office, City Hall.

BIDS WANTED

LINCOLN COUNTY, Nevada—Until February 5, 4 P. M., as previously reported, bids will be received by the Lincoln County Power District No. 1, A. W. Thomas, Secretary, Pioche, Nevada, for the construction of 155 miles more or less of high tension power transmission line wood pole H-frame type construction, to connect substation near Boulder Dam, Nev., with Prince Substation, near Pioche, and for the construction of 54 miles more or less of single, wood pole type feeder lines in Lincoln County.

Plans for the construction work provide for the construction of a 132 kv. transmission line between Boulder Substation near Las Vegas to the Prince Substation near Pioche, a distance of approximately 156 miles; also mission lines between Delamar Junction for the construction of 11 kv. transition and Delamar, between Prince Substation and Caliente, between Panaca Substation and Gold Springs, totalling approximately 54 miles. Construction bidding items and material bidding items are segregated as follows:

MATERIAL

Poles WRCA—Creosoted, min. penetration ⅜-in.
(1) 450 poles, 35-ft., min. top size 8-inch;
(2) 450 poles, 40-ft., min. top size 8-inch;
(3) 100 poles, 45-ft., min. top size 8-inch;
(4) 2400 poles, 50-ft., min. top size 8-inch;
(5) 100 poles, 55-ft., min. top size 8-inch;
(6) 100 poles, 60-ft., min. top size 9-inch;
(7) 50 poles, 65-ft., min. top size 9-inch;
Crossarms:
(8) 500 arms, 3½-in.x4½-in.x 8 ft., Drawing A-2;
(9) 50 arms, 3-in.x10-in.x14 feet. Drawing A-23;
(10) 50 arms, 3-in. x 10-in. x 18 ft., Drawing A-23;
(11) 2600 arms, 3-in. x 10-in. x 26 ft., Drawing A-23;
(12) 200 arms, 3-in. x 10-in. x 27 ft., Drawing A-23;
(13) 200 arms, 3-in x 10-in. x 28 ft., Drawing A-23;
Insulators:
(14) 2300 string 7-10-in. disc suspension;
(15) 750 string, 8-10-in. disc. suspension;
(16) 50 string, 9-10-in. disc. suspension;
(17) 750 string, 7-10-in .disc. strain;
(18) 250 string, 8-10-in. disc. strain;
(19) 50 string, 9-10-in. disc. strain;
(20) 700 each, strain OB 31351, or equal;
(21) 1400 each, pin insulators, Locke 10270 or equal;
(22) 300 each, Wood guy strain ins. OB 79751-6 or equal;
Conductor (Copper):
(23) 500 miles 4/0 AWG, 211,600 C.M. 12-wire;
(24) 500 miles 4/0 AWG. 211,600 C.M., 7-wire;
(25) 30 miles No. 1 AWG, 83,690 C.M., 7-wire;
(26) 30 miles No. 1 AWG, 83,690 C.M., 3-wire;
(27) 125 miles No. 2 AWG. 66,370 C.M. 7-wire;
(28) 125 miles No. 2 AWG., 66,370 C.M 3-wire;
(29) 30 miles No. AWG, 41,740 C. M., 7-wire;
(30) 30 miles No. 4 AWG. 41,740 C.M 3-wire;
Conductor (Aluminum):
(31) 500 miles 336,400 C.M.;
(32) 30 miles 2/0 AWG, 133,077 C.M.;
(33) 125 miles 1/0 AWG, 105,535 C.M.;
(34) 30 miles No. 2 AWG, 66,371 C.M.,
Steel Wire Strand:
(35) 50,000 ft. 5/16-in. H.S. Galv.;
(36) 27,000 ft. 7/16-in. S.M. Galv.;
(37) 45 miles No. 9 BWG solid galv. ground wire E.B.B. wire;
Hardware:
Items 38 to 96, including cross-arm braces, machine blots, nuts, screws, clamps, switches, etc.

CONSTRUCTION LABOR

(100) 800 structures, Drawing A-1.
(101) 10 structures, Drawing A-5, complete in place;
(102) 50 structures, Drawing A-6, complete in place;
(103) 10 structures, Drawing A-9, complete in place;
(104) 10 structures, Drawing A-10, complete in place;
(105) 1250 structures, Drawing A-11, complete in place;
(106) 10 structures, Drawing A-12, complete in place;
(107) 10 structures, Drawing A-13 complete in place;
(108) 20 structures, Drawing A-14, complete in place;

(109) 10 structures, Drawing A-15, complete in place;
(110) 5 structures, Drawing A-16, complete in place;
Stringing Conductor in Place per Circuit Mile:
(200) 156 cir. Miles 4/0 copper conductor;
(201) 9 cir. Miles, No. 1;
(202) 37 cir. Miles, No. 2;
(203) 9 cir. Miles, No. 4;
(204) 156 Cir. Miles, 336,400 C.M. A.C.S.R.;
(205) 9 Cir. Miles, 2/0 A.C.S.R.;
(206) 37 Cir. Miles, 1/0 A.C.S.R.;
(207) 9 Cir. Miles, No. 2 A.C.S.R.;
Stringing Overhead Ground Wire in Place, Per Mile:
(208) 5 line miles, 5/16 H.S. galv. strand;
Installation of Guys and Anchors:
(209) 250 ¾-in. x 8 ft. anchor rods and anchors, installed;
(210) 600 1-in. x 8 ft. anchor rods and anchors, installed;
(211) 250 5/16 S.M. guys, installed;
(212) 250 7/16 S.M. guys installed.

Plans and specifications prepared by Clarence R. Hagen, Pioche, district engineer, and Elwood Bachman, Salt Lake City, Utah, technical consultant.

Plans and specifications may be obtained from the district engineer upon deposit of $15 which is rturnable if the plans are returned in good condition.

A certified check for 5%, payable to the Treasurer of the district must accompany each proposal.

Manufacturers must agree to accept, at the option of the district, 4% bonds of the Lincoln County Power District No. 1, at par, plus accrued interest, maturing in equal amounts on Dec. 1, 1937, Dec. 1, 1938, Dec. 1, 1939, in payment of 25% of the factory price of any materials purchased from them.

The cost is estimated at $900,000. This is a PWA job and the plans have been approved by J. L. Vandiver, P W A engineer for Nevada. *

19—MISC. CONSTRUCTION

Contract Awarded.

AUTO COURT Cost, $4000
SAN MATEO, San Mateo Co., Calif. O'Connor and Cooley Sts.
Auto court.
Owner—E. K. Stelter.
Architect—Not Given.
Contractor—H. L. Page, 1848 Emerson St., Palo Alto.

Plans Being Figured—Bids Close Feb. 8, 1:30 P. M.

GRANDSTAND Cost, $110,000
PULLMAN, Washington. State College Campus.
Grandstand (105x390 feet) structural steel roof, frame exterior, built-up roofing, fir flooring, etc.; seating capacity of 2800).
Owner—State of Washington.
Architect—Stanley A. Smith, Pullman.

Plans and specifications may be obtained from the architect upon deposit of $20.

Construction Started.

DOCK, ETC. Cost, $5000
ANTIOCH, Contra Costa Co., Calif.
Dock and loading platform (work involves driving 45 piles, laying 1-inch plank surface, etc.)
Owner—Santa Fe Co., 114 Sansome St. San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Fern Stamm, Antioch.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 30, 2 P. M., informal bids will be received by the State Board of Harbor Commissioners, Ferry Bldg., for removing wooden shed and deck of Pier No. 9. Frank G. White, Ferry Bldg., chief engineer. * 19

CONTRACT AWARDED

LOS ANGELES, Cal.—Myers Bros., 3407 San Fernando Road, awarded a contract for the construction of a one-story wood sound stage (100x300 ft.) at 1438 N. Gower St. for Columbia Pictures Corp. It will have wood roof trusses, wood floors, sound deadening material, structural steel, reinforced concrete foundations, sheet metal work, heating, etc. Cost, $75,000. Plans by owner's architectural department.

Bids Wanted—To Close Feb. 13, 8:15 P. M.

SWIMMING POOL & CLUB HOUSE Cost, $150,000
SACRAMENTO, Sacramento Co., Cal. McKinley Park.
Reinforced conc. swimming pool (65x165 feet) and club house.
Owner—City of Sacramento (H. G. Denton, City Clerk).
Architect—Starks and Flanders, Bank of America Bldg., and Harry Devine, Cronan Bldg., Sacramento.

Plans and specifications may be obtained from the architects and from the city clerk upon deposit of $25.00.

BIDS OPENED

PORTLAND ,Ore.—Commercial Iron Works, Portland, at $40,530.41 submitted low bid to the U. S. Engineer Office, First Portland District,, 306 Customhouse, Portland, January 21, under Bid No. 698 - 36 - 239, for drydocking, cleaning, painting and repairing the U. S. seagoing hopper dredge Col. P. S. Michie.

Complete bids follow:

Commercial Iron W'ks, Portland	$40,530.41
Albina Engine and Machine Works, Inc., Portland	44,811.24
Helser Machine and Marine Works, Inc., Portland	47,431.50
Lake Union Dry Dock & Machine Works, Seattle	49,972.67
Todd Seattle Dry Docks, Inc., Seattle	66,913.52
Winslow Marine Ry. & Shipbuilding Co., Seattle	67,500.73
Engineer's estimate	39,812.00

BIDS WANTED

BURBANK Los Angeles Co., Cal.—Until February 4, 7:30 P. M., bids will be received by the City of Burbank for one hydraulic plunger type freight elevator to be installed in the public service department warehouse. An alternate bid will be taken for furnishing used elevator parts. Specifications may be obtained from Burbank Public Service Department; no deposit required.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

OAKLAND, Calif. — American Cast Iron Pipe Co., Sharon Building, San Francisco, at $33,700 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L. S. 165, for furnishing:
(1) 20,000 ft. 4-in. cast iron pipe;
(2) 40,000 ft. 6-in. cast iron pipe.

Complete bids follow:

American Cast Iron Pipe Co.: (1) $8,500; (2) $25,200; total, $33,700.

U. S. Pipe & Foundry Corp.: (1) $8,640; (2) $25,640; total, $34,280; lump sum bid, $33,960.

Pacific States Cast Iron Pipe Co.: (1) $9,400; (2) $27,320; total, $36,720

Bids held under advisement

BIDS REJECTED

MODESTO, Stanislaus Co., Calif. — All bids received by the Modesto Irrigation District, C. S. Abbott, Secretary, January 20, for furnishing approximately 3,020 barrels of cement in paper bags have been rejected.

The bids were identical at $6,764.80 and were submitted by the Stanislaus Lumber Co., Ross Lumber Co., Ground Lumber Co. and United Lumber Co., all of Modesto. *

BIDS OPENED

LOS ANGELES, Calif. — Bids for furnishing 400 each 20-ft. Class 6 creosoted poles, fob bidder's shipping point under Bid No. 1271-A were opened by the U. S. Forest Service Jan. 27. The bids were:

J. H. Baxter, $3.35 each, $1340 total; Douglas fir, 104,000 lbs.; fob cars, Seattle; 10 days.

Maydwell & Hartzell, $3.25 each, $1-300 total; Douglas fir, 114,000 lbs., fob cars, The Dalles, Ore.; 3 weeks.

Joslyn Co., $2.15 each, $860 total; yellow pine, 124,000 lbs., fob cars at Montgomery, Ala., with stopover at Winston, La., for treatment; 1 week shipment.

Chas. R. McCormick Lbr. Co., $3.50 each, $1400 total; Douglas fir, 104,000 lbs., fob cars, St. Helens, Oregon; 45 days.

American Lumber & Treating Co., $4.60 each, $1840 total; Douglas fir, 140,000 lbs., fob cars, Wilmington.

General Electric Supply Co., $2.55 each, $1020 total; yellow pine, 124,000 lbs., fob cars, Derider, La., 5 days.

James L. Hall, $3.43 each, $1372 total; Douglas fir, 112,000 lbs., fob cars, The Dalles, Ore., 4 weeks; discount 2%, 30 days.

Graybar Electric Co., $3.03 each, $1-212 total; yellow pine, 124,000 lbs., fob cars, Texarkana, Texas; 4 days.

Texas Creosoting Co., $2.31 cars, $924 total; yellow pine, 124,000 lbs., fob cars, Orange, Texas; 10 days.

Westinghouse Electric Supply, $2.12 each, $848 total; yellow pine, 265 lbs. each, fob cars, Oil Springs, Texas, with stopover at Dennis, Texas, for treatment.

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ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
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25.—Machinery and Equipment
26.—Railroads
27—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

VENTURA COUNTY, Calif. — Until February 7, 10 A. M., bids will be received by the Ventura county board of supervisors for the construction of a timber bridge 2100 ft. in length, at the Santa Clara River on Beach Road, 3 miles southeast of Ventura.

The work involves:

(1) 12,000 l.f. treated Douglas fir piles;
(2) 498,000 FBM redwood timber, various classifications;
(3) 47,000 FBM treated Douglas fir lumber, various classifications;
(4) 500 tons structural steel;
(5) 26.5 tons miscellaneous hardware.

This is a PWA project.

Plans are available from Robert L. Ryan, county surveyor, upon deposit of $5. Certified or cashier's check for 10% must accompany bid. L. E. Hallowell is county clerk.

CONTRACT AWARDED

SPOKANE CO., Wash.—D. Nygren and George Schehle, Seattle, at $125,511 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, Jan. 21, for grading, surfacing, constructing bituminous surface treatment, plant mix type Class F, and a concrete and steel overcrossing on about 0.5 mile of county road (Hardesty Road) N. P. Railway Overcrossing at Parkwater, involving about 10,410 c.y. excavation; 17 tons bituminous cement; 2,345 c.y. concrete; 531,000 lbs. steel reinforcing bars; 387,000 lbs. structural carbon steel, and other items.

Triangle Const. Co., Spokane, at $138,248 submitted second low bid.

CONTRACT AWARDED

WASHINGTON COUNTY, Oregon—Saxton & Looney and J. S. Risley, Portland, at $16,242 awarded contract by R. H. Baldock, State Highway Engineer, Portland, for construction of an undercrossing under the Oregon El. Railway tracks and 0.9 mile grading, surfacing and oil mat surface treatment on the Beaverton - Aurora Secondary Highway at Metzler.

The bids were opened January 10 and referred to the engineer with power to award contract.

CONTRACTS AWARDED

KLAMATH COUNTY, Oregon—G. I. Stebbens Constr. Co., Klamath Falls, at $26,818 awarded contract by R. H. Baldock, State Highway Engineer, Portland, for construction of a concrete, steel and timber undercrossing under the Oregon, California and Eastern Railway tracks and 0.48 mile grading, surfacing and bituminous macadam wearing surface on the Klamath Falls-Lakeview Highway at Olene, approximatly 12 miles southeasterly from Klamath Falls.

The bids were opened January 9 and referred to the engineer with power to award contract.

BIDS WANTED

STATE OF OREGON—Until February 6, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, Third Floor, Public Service Bldg., Portland, for bridge construction as follows:

Clackamas County: Construction of a concrete bridge over Clackamas River and 0.7 mile grading and oil mat surface treatment on Woodburn-Sandy Highway at Estacada. Requires approximately 30,300 cu. yds. excavation; 4600 cu. yds. selected roadbed topping, 1200 cu. yds. crushed gravel surfacing; 9600 sq. yds. oil mat surface treatment; 1560 cu. yds. concrete; 210,000 lbs. metal reinforcement and 789 lin. ft. concrete handrail.

Clatsop County: Arch Cape Tunnel Section of Oregon Coast Highway, 0.62 mile grading, including 1278 feet of tunnel, and the construction of 166 feet of composite pile trestle bridge. Requires approximately 30,000 cu. yds. roadbed excavation; 31,000 cu. yds. tunnel excavation; 460 M FBM treated lumber in tunnel lining; 32 M-BFM treated lumber in bridge; 1260 lin. ft. treated piling; 288 cu. yds. concrete; and 350 lin. ft. composite handrail.

Lake County: Construction of a composite frame trestle bridge over Chewaucan River ond the Fremoont Highway ten miles southerly from Paisley. Requires approximately 250 cu. yds. excavation; 200 cu. yds. concrete; 33,000 lbs. metal reinforcement; 55 M-FBM treated lumber; and 450 lin. ft. composite handrail.

Plans and specifications obtainable at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

COMPLETE BID LISTING

SHASTA COUNTY, Cal.—Daniel G. Longtin, deYoung Building, San Francisco, at $3,301.40, submitted the low bid to the State Highway Engineer at Sacramento, for borings to be made at the site of the proposed combination highway and railroad bridge over the Pit River, to be constructed in connection with the Kennett Dam.

Bids were taken as follows:

(1) Lump sum, moving in and out;
(2) 60 active days, rental of equip.;
(3) 120 l.f. furnishing 3½-inch drive pipe;
(4) 550 l.f. carbon loss.

Total bids follow:

(A) Daniel G. Longtin, S. F. . $3,301.40
(B) Cannon Bros., Compton . . 3,945.00
(C) Chicago Pneumatic Tool Co., San Francisco 4,131.00
(D) Diamond Drilling Co., San Francisco 4,240.00
(E) Milton A. Purdy, Oakland 4,647.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$350.00	$120.00	$229.00	$262.50	$500.00
(2)	34.00	49.00	45.00	52.00	42.00
(3)	.72	.50	.85	.50	2.10
(4)	1.50	1.50	2.00	1.45	2.50

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

MARION COUNTY, Ore.—Kern and Kibbe, 42 SE Salmon St., Portland, at $256,502 awarded contract by R. H. Baldock, State Highway Engineer, Portland, for construction of an undercrossing under the Southern Pacific Company's tracks and 0.27 mile grading and paving on Pacific Highway at the north city limits of Salem.

The bids were opened January 10 and referred to the engineer with power to award the contract.

LOW BIDDERS

MARICOPA COUNTY, Ariz.—Daley Corp., 4430 Boundary St., San Diego, at $102,766 submitted low bid to the Arizona State Highway Commission, Phoenix, January 24, for highway construction on the Phoenix - Prescott Highway WPGH 48, AFE 8936. The work, which is located between Glendale and Peoria, about 10 miles northwest of Phoenix, consists of the construction of a concrete and steel underpass structure under the railroad and other work incidental thereto, and is to be completed on or before Dec. 15, 1936.

The principal items and approximate quantities are:

17,600 c.y. structure excav.;
42,300 sta. yds. overhaul;
2,600 c.y. imported borrow (CIP);
729 c.y. concrete;
104,400 lbs. reinf. steel;
201,500 lbs. structural steel;
3,900 sq. ft. removal of pavement;
(13,000 sq. yds. grading under pave.;
13,000 sq. yds. concrete pavement;
2,300 l.f. comb. curb and gutter;
322 l.f. CM pipe (2 sizes);
1,410 l.f. 4-in. vit. clay pipe;
315 l.f. CI pipe (5 sizes);
250 hours rolling;
660 M. gals. sprinkling;
534 tons plant mix
25 tons cutback asphalt;
4,500 sq. yds. placing plant mix;
11,000 sq. ft. concrete sidewalk;
1 lump sum placing and removing shoo-fly embankment;
1 lump sum sprinkling system;
1 lump sum pump and pumping equipment;
1 lump sum electric lighting sys.
1 lump sum membrane and asph. plank waterproofing.
4200 sq. yds. sodding.

The next two low bids were:

R. C. Tanner Co., Phoenix . $103,469
O. F. Fisher, Phoenix..... 112,761

BIDS WANTED

SUTTER COUNTY, Cal.—Until Feb. 10, 10 A. M., bids will be received by the Sutter County Board of Supervisors, Yuba City, for the repair of the Verona Bridge on the Garden Highway, including repair of a supporting truss, new flooring and surfacing of the bridge. Estimated cost, $2590.85.

Oscar Lanzendorf, County Engineer.

CONTRACT AWARDED

MARICOPA COUNTY, Ariz.—Daley Corp., 4430 Boundary St., San Diego, at $102,766 awarded contract by the Arizona State Highway Commission,

Phoenix, for highway construction on the Phoenix-Prescott Highway, W. P. G. H. 48, AFE 8936. The work, which is located between Glendale and Peoria, about ten miles northwest of Phoenix, consists of the construction of a concrete and steel underpass structure under the railroad and other work incidental thereto, and is to be completed on or before Dec. 15, 1936.

The other bids were:

R. C. Tanner Co., Phoenix, $103,469.80.
O. F. Fisher, Phoenix, $112,763.61.
Arizona Concrete Co., Phoenix, $115,685.55.
Phoenix-Tempe Stone Co., Phoenix, $117,654.08.
F. P. Shufflebarger, Albuquerque, N. M., $136,288.37.

PLANS APPROVED

DOUGLAS COUNTY, Nev.—Plans and specifications for construction of a bridge in Douglas County, approximately one mile south of Gardnerville have been approved by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, and bids will be asked shortly by the Nevada State Highway Directors. Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, Nevada.

The work involves:

(1) Lump sum, remove bridge;
(2) 3300 cu. yds. roadway excavation;
(3) 380 cu. yds. structural excavation
(4) 100 tons crushed gravel or stone surfacing.
(5) 185 cu. yds. Class A concrete;
(6) 177 cu. yds. Class D concrete;
(7) 57,000 lbs. reinforcing steel;
(8) 2700 lbs. structural steel;
(9) 200 cu. yds. hand laid riprap.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 19 10 A. M., bids will be received by the general manager of the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for constructing rubble bulkhead wall and riprap bank protection for the new terminal facility at Berth 155, Wilmington district, under Spec. No. 955; Unit 3.

Plans and bidding data may be obtained from harbor engineer, Branch City Hall, San Pedro; no deposit required. Certified check or bond for 10% must accompany each bid. Arthur Eldridge, general manager.

BIDS WANTED

BUTTE COUNTY, Cal.—Until Feb 1, 10 A. M., bids will be received by the Board of Trustees of Drainage District No. 2, J. L. McLain, President, Suite I, 304 Broadway, Chico, for dredging in the District as follows:

(1) Dredging of the present width of the channel of Dry Creek, including all the slope of both banks, to a depth sufficient to remove all vegetation and sand and silt bars, a distance of approximately 32,500 l.f.

(2) Dredging of the present width, including the slope of both banks, of the drainage channel of the district leading from Dry Creek to Butte Creek, a distance of 9,674 l.f., to a depth sufficient to remove all vegetation and sand and silt bars.

Plans and specifications obtainable from the above office.

BIDS WANTED

MARSHFIELD, Ore.—Until Feb. 13, 7:30 P. M., bids will be received by the Marshfield Common Council, John W Butler, City Recorder, City Hall, for removing existing docks and piling, dredging, and constructing a new dock 30x480-feet supported on piling.

Plans and specifications obtainable from the City Recorder upon deposit of $10.00.

23—IRRIGATION PROJ.

CONTRACT AWARDED

STANISLAUS COUNTY, Cal.—Clyde Wood, Box 49, Stockton, and M. J. Bevanda, Elks Building, Stockton, at $180,027 awarded contract by the West Stanislaus Irrigation District, Westley, for approximately 2,000,300 sq. ft. of concrete canal lining in lateral ditches of the District.

W. F. Wooley, engineer of the dist.

24— STREET LIGHTING

BIDS WANTED

SAN FRANCISCO.—Until Feb. 14, 11:30 A. M., lump sum bids will be received by the Department of Public Works, Wm. H. Worden, Director, Rm. 251, City Hall, under Spec. No. 18,919, for construction and installation of a street lighting system on Fifth St. between Market and Townsend Streets, a PWA project. Estimated cost, $13,000.

Estimated quantities involved are as follows:

(1) 54 luminaries with compensators;
(2) 54 6,000-lumen 20-ampere Mazda street series lamps;
(3) 54 concrete foundations for standards;
(4) 9,000 ft. 1½-in. conduit;
(5) 20,000 ft. 5000-volt single conductor AWGR & L wire;
(6) 36 extra stubs in foundations.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.00.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

OAKLAND, Cal.—Identical bids at $6,550 were received by the East Bay Municipal Utility District, John Kimball, Secretary, under Proposal No. 717, for furnishing one portable oil-burning, engine-driven air compressor, of not less than 370 c.f. per minute piston displacement.

The bidders were:

Ingersoll Rand, Sullivan Machinery Co., Harron-Rickard & McCone, Chicago Pneumatic Tool Co., Western Machinery Co., Bay Equipment Co., and the Rix Company.

Edward R. Bacon Co. bid $6,650.

Bids held under advisement

BIDS OPENED

CASPER, Wyo.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 757-D Jan. 20, for furnishing (1) one 69,000-volt, 600-amp. oil circuit breaker and (2) six 69,000-volt, 400-amp. disconnecting switches, for the Casper - Alcova Project:

Kelman Electric & Mfg. Co., Los Angeles, (1) $5,951.

Condit Electrical Mfg. Co., Boston: (1) $6,160.

Condit Electrical Mfg. Co., Boston: (1) $5,395 fob Boston.

Pacific Electric Mfg. Corp., San Francisco: (1) $5,900; (2) $612.

Westinghouse Elec. and Mfg. Co., Denver: (1) $6,185; (2) $614.

General Electric Co., Schenectady: (1) $6,220; (2) $612; delivery in 56 days.

Royal Electric Mfg. Co., Chicago: (2) $452; delivery in 15 days.

High Tension Co., Phillipsburg, N. J.: (2) $461.70; 1% discount.

Johnson Mfg. Co., Atlanta: (2) $488.28; (Alt.) $463.80.

Crosbie Co., Washington, D. C.: (2) $558; delivery in 28 days; 1% discount.

Electrical Engineers Equip. Co. Melrose Park, Ill.: (2) $594; delivery in 42 days.

Graybar Electric Co., Denver: (2) $594.

Bowie Switch Co., San Francisco: (2) $594; delivery in 10 days.

Line Material Co., South Milwaukee Wis.: (2) $612.

Schweitzer & Conrad, Inc., Chicago: (2) $612; delivery in 21 days.

Delta-Star Elec. Co., Chicago: (2) $612.

Railway and Industrial Engr. Co., Greensburg, Pa.: (2) $612; delivery in 30 days.

Electric Power Equip. Corp., Philadelphia: (2) $612; delivery in 14 days.

Southern States Equip. Co., Birmingham, Ala.: (2) $612; delivery in 10 days.

All bids specify delivery in 60 days and terms net unless otherwise noted.

CONTRACTS AWARDED

LOS ANGELES, Cal.—Contracts for furnishing 15 centrifugal pumps for the five pumping plants located along the line of the Colorado River Aqueduct, Specifications No. 116, were awarded by the Metropolitan Water District, Los Angeles, January 24, as follows:

Byron-Jackson Co., at $215,451, f.o.b San Francisco, for items 1 and 2 (Gene and Intake Plants).

Allis-Chalmers Mfg. Co., at $98,300, f.o.b. Milwaukee, Wis., for item 3 (Iron Mountain Plant).

Worthington Pump & Machinery Corp., at $249,350, f.o.b. Harrison, N. J., for items 4 and 5 (Eagle Mountain and Hayfield Plants).

F. E. Weymouth, General Manager and Chief Engineer, submitted a detained report on the results of the investigation and test conducted on the model pumps which were furnished by the bidders.

The low bid of the Newport News Shipbuilding & Dry Dock Co. was rejected because the model pump submitted did not comply with the specifications.

CONTRACT AWARDED

BOULDER CITY, Nevada.—Electric Ventilating and Engineering Co., New York City, at $22,750 awarded contract by the Bureau of Reclamation, Denver, for furnishing and delivering two ventilating duct systems and two motor-driven exhaust fans for the Arizona and Nevada tunnel plug outlet works and four systems and four fans for the upper and lower Arizona and Nevada penstock tunnels at the Boulder Dam, under Spec. No. 755-D.

26—— RAILROADS

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 19 10 A. M., bids will be received by the general manager of the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for interlocker and signal system, Los Angeles Municipal Terminal Railroad, Belt Line track extension, Wilmington district, under Spec. No. 947; Unit 2. The work involves construction of a railroad electric interlocking plant at E. Thenard and W. Thenard, Los Angeles county, to control movements of trains over six crossings on the Los Angeles Municipal Terminal Railroad extension.

Plans and bidding data may be obtained from harbor engineer, Branch City Hall, San Pedro, upon deposit of $15. Certified check or bond for 10% must accompany each bid. Arthur Eldridge, general manager

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 19 10 A. M., bids will be received by the general manager of the Los Angeles harbor department at Room 112, City

Hall, Los Angeles, for subgrade track and structures, Los Angeles Municipal Terminal Railroad, Belt Line track extension, Wilmington district, under Spec. No. 946; Unit 1. The work involves construction of standard gauge railroad track, approximately 13,650 ft. in length, including grading, track laying, trestle construction, paving, automatic grade crossing protection, etc.

Plans and bidding data may be obtained from harbor engineer, Branch City Hall, San Pedro, upon deposit of $15. Certified check or bond for 10% must accompany each bid. Arthur Eldridge, general manager.

28 — FIRE EQUIPMENT

BIDS WANTED

RIVERBANK, Stanislaus Co., Cal.—Until February 4, 1:30 P. M., bids will be received by the Riverbank County Fire Protection District, Garold C. Staley, Secretary, Santa Fe Street, Riverbank, for furnishing one fire pump, 350 G. P. M. capacity, centrifugal type, complete with suction hose, strainer, shut-off nozzle, etc.

Specifications obtainable from the Fire Chief of the District. 28

29—STREETS AND HIGHWAYS

CONTRACTS AWARDED

STATE OF WASHINGTON. — Bids were opened by L. V. Murrow, Director of Highways, Olympia, January 21 for highway construction, and contracts awarded as follows:

Douglas County: Grading and surfacing about 1.0 miles of county road (Farmer - Withrow Road), Farmer North, involving about 13,500 cubic yards of excavation, 2800 cu. yds. of crushed stone surfacing, 249 lineal feet of pipe culverts and other items.

Awarded: Goodefellow Bros., Wenatchee, $8,188.

Kitsap County: Clearing, grading and surfacing about 1.7 mile of county road (Suquamish-Millers Bay Rd.) Suquamish North, involving about 1 acre of clearing, 25,150 cu. yds. of excavation, 4270 cu. yds. of crushed stone surfacing, 627 lin. ft. of pipe culverts and other items.

Awarded: J. S. Pederson and Co., Enumclaw, $17,468.

Chelan County: Constructing a bituminous surface treatment Road Mix Type Class "B" and a bituminous retread surface on about 4.2 miles of city streets in the City of Wenatchee, involving about 573 tons of bituminous cement and other items; also a City Project constructing light bituminous surface treatment on about 10.3 miles of city streets, in the City of Wenatchee, involving about 676 tons of bituminous cement and other items.

Awarded: Washington Asphalt Co., Seattle, $37,102.

BIDS OPENED

MOHAVE COUNTY, Arizona—Geo. W. Orr, El Paso, Texas, submitted low bid to the Arizona State Highway Commission, Phoenix, January 24, at $154,805, fod highway construction on the Ashfork - Kingman Highway, WPGH 118-A, AFE 6638. The work, which is located about 35 miles northeast of Kingman, consists of grading, draining and the furnishing and placing of aggregate base course over a new highway location about 2.1 miles in length and is to be completed on or before February 15, 1937.

The work involves:

3,000 c.y. stripping pits;
101,500 c.y. roadway excavation;
3,900 c.y. drainage excavation;
20,200 c.y. slides and overbreakage;
300 c.y. structure excavation;
24,900 sta. yds. overhaul;
3,300 c.y. mi. haul;
4,500 c.y. imported borrow;
1,500 c.y. ml. imported borrow haul;
14,200 tons A. B. C. (CIP);
221 c.y. Class A concrete;
29,600 lbs. reinf. steel;
62,300 lbs. structural steel;
780 l.f. steel piles (H columns);
26 each driving piles (steel H columns);
914 l.f. C M pipe (3 sizes);
7,152 l.f. road guard;
14,000 l.f. line fence;
350 M. gals. sprinkling;
350 hours rolling;
365 l.f. rail bank protection.

The other bids were:

Packard Contracting Co., Phoenix, $196,024.

Lee Moor Contracting Co., El Paso, $197,836.

CONTRACT AWARDED

SUTTER CO., Calif.—Leo F. Piazza, 296 N. Sixth St., San Jose, at $2,589.34 awarded contract by the State Highway Commission, Sacramento, for about 0.1 mile grading and constructing Portland cement concrete pavement, curbs, gutters, and sidewalk in Yuba City on Plumas Street between Bridge and Scott Streets.

LOW BIDDERS

GRAHAM COUNTY, Ariz.—Tiffany Const. Co., Flagstaff, submitted low bid to Arizona State Highway Commission, Phoenix, January 24 at $45,535 (alternate bid, $46,865) for construction of the Safford-Bowie Junction Highway, WPSS-115-B.

The work, which extends from a point about 6.2 miles south of Safford southerly for a distance of about 2 miles, consists of grading and draining the roadway and furnishing and placing aggregate base course, and is to be completed on or before July 15, 1936. The principal items and approximate quantities are:

17,300 cu. yds. roadway excav.;
1,400 cu. yds. drainage excav.;
4,900 cu. yds. imp. bor.;
2,800 cu. yds. mi. imported borrow,
1,100 cu. yds. excav.;
6,700 tons aggregate base course (CIP);
345 cu. yds. concrete;
27,400 lbs. reinf. steel;
190 lin. ft. grading and constructing fords to section;
62 lin. ft. C.M.P. (2 sizes);
20,400 lin. ft. line fence;
150 M. gal. sprinkling;
150 hours rolling;
49 M.B.M. treated timber;
2 M.B.M. treated timber;
648 lin. ft. treated timber piles (furnishing);
58 each placing piles in framed bents;
300 sq. yds. furnishing and placing oil mix;
600 gal. SC-2 road oil.

Funds in the amount of $50,000 have been programmed for the construction of this project. T. S. O'Connell is state highway engineer. The next two low bids were:

Ken Hodgman, Pasadena, Cal., $50,032; no alternate bid.

Phoenix-Tempe Stone Co., Phoenix, $54,235; no alternate bid.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until February 19, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.6 miles riprap slope protection in Sacramento County between Isleton and Walnut Grove.

The work involves:

(1) 1 lot clearing and grubbing;
(2) 6500 cu. yds. local borrow;
(3) 9000 tons riprap based on weight of 165 lbs. per solid dry cu. ft.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville

COMPLETE BID LISTING

MARICOPA COUNTY, Ariz. — Heuser & Garnett, 816 Allen Ave., Glendale, Calif., submitted the low bid to Arizona State Highway Commission, Phoenix, January 24, as previously reported, at $202,300 (no bid on alternate) for highway construction on the Phoenix-Yuma Highway, WPGH 46-B and WPGH 46-C, AFE 8073. The work which extends from the west end of the Coldwater bridge (about 15 miles west of Phoenix) southwesterly over a new highway location about 8.8 miles in length, consists of grading, draining and the furnishing and placing of ABC and cutback oil cake (road or plant mix) and is to be completed on or before Dec. 15, 1936.

The work involves:

12,100 c.y. roadway excav.;
46,800 c.y. drainage excav.;
1,100 c.y. structure excav.;
154,500 c.y. imported borrow;
359,400 c.y. mi. imported borrow haul;
28,200 tons aggregate base course (C I P);
873 c.y. Class A concrete;
92,300 lbs. reinf. steel;
98,400 lbs. structural steel;
1,366 l.f. C M pipe (various sizes);
4,050 l.f. road guard;
59,300 l.f. line fence;
1,165 sq. yds. removal of conc. pave.
1,500 l.f. steel piles (H columns);
50 each driving piles (steel H columns);
14,400 tons mineral aggregate;
838 tons cutback asphalt;
8.75 miles processing road-mix;
1,400 tons screenings;
843 M. gals. sprinkling;
375 hours rolling;
4,050 sq. yds. removing and stockpiling oil cake.

ALTERNATIVE ITEMS

14,400 tons plant mix;
717 tons cutback asphalt;
8.75 miles placing plant mix.

Other bids were:

Southern California Roads Co., Los Angeles, $203,194.69; alternate, $207,817.94.

N. G. Hill, Phoenix, $205,361.13; alternate, no bid.

Jack Casson, Phoenix, $214,975.68; alternate, no bid.

V. R. Dennis Const. Co., San Diego, $215,334.92; alt., $222,837.52.

C. F. Fisher Const. Co., Phoenix, $216,358.25; alternate, no bid.

W. E. Hall, Phoenix, $217,913.47; alternate, $217,583.92.

Phoenix-Tempe Stone Co., $218,467.95; alternate, $218,318.75.

Packard Const. Co., $230,821.98; alt., no bid.

Ken Hodgman, Pasadena, $232,210.68 alternate, no bid.

CONTRACT AWARDED

MARICOPA COUNTY, Ariz.—Heuser & Garnett, 816 Allen Ave., Glendale, Cal., at $202,300 awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Phoenix - Yuma Highway, WPGH 46-B and WPGH 46-C, AFE 8073. The work, which extends from the west end of the Coldwater bridge (about 15 miles west of Phoenix) southwesterly over a new highway location about 8.8 miles in length, consists of grading, draining and furnishing and placing of ABC and cutback oil cake (road or plant mix) and is to be completed on or before Dec. 15, 1936.

BIDS WANTED

SANTA CRUZ COUNTY, Cal.—Until February 19, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.9 miles grading and surfacing with crusher run base and natural rock asphalt or crusher run base and plant-mixed surfacing in Santa Cruz County between Scotts Valley and one mile north of Santa Cruz.

The work involves:

(1) 208 stations clearing and grubbing right of way;
(2) 1,800 M. gals. water;
(3) 255,000 c.y. rdwy. excav., unclass.
(4) 5,600 c.y. struc. excav.;
(5) 900,000 sta. yds. overhaul;
(6) 208 sta. finishing rdwy.;
(7) 130 c.y. Class A Portland cement concrete (struc.);
(8) 8,000 lbs. bar reinf. steel (struc.)
(9) 950 l.f. 8-in. CMP;
(10) 180 l.f. 12-in. CMP;
(11) 1,200 l.f. 18-in. CMP;
(12) 292 l.f. 24-in. CMP;
(13) 174 l.f. 30-in. CMP;
(14) 270 l.f. 60-in. CMP 8-gauge;
(15) 110 l.f. 72-in. CMP 10-gauge;
(16) 190 l.f. 72-in. CMP 8-gauge;
(17) 34 each spillway assemblies;
(18) 9,000 l.f. 8-in. perf. metal pipe underdrains;
(19) 1,620 c.y. rock filling material (underdrains);
(20) 478 l.f. existing pipe culverts removed, cleaned and relaid;
(21) 427 l.f. existing pipe culverts, removed, cleaned and salvaged;
(22) 70 l.f. 8-in. vit. clay pipe;
(23) 1,100 l.f. laminated guard railing;
(24) 1,140 l.f. existing guard railing removed and stockpiled;
(25) 54 each culvert markers;
(26) 1,000 each guide posts;
(27) 5.0 miles new property fence;
(28) 23 each 14 ft. drive gates;
(29) 7 each 12 ft. drive gates;
(30) 1,700 c.y. existing concrete removed and disposed of;
(31) 113 each monuments complete in place;
(32) 100 tons of liquid asphalt SC-1A (shoulders);
(33) 70 tons liquid asph. SC-2 (shoulders);
(34) 440 tons screenings (shoulders);

ALTERNATIVE A

(35) 34,250 tons crusher run base;
(36) 6,600 tons natural rock asphalt;
(37) 90 tons emulsified asphalt 95 plus (prime coat);
(38) 215 tons screenings (prime coat);

ALTERNATIVE B

(39) 32,350 tons crusher run base;
(40) 74 tons liquid asph. MC-2 (prime coat);
(41) 9,250 tons mineral aggregate (plant-mixed surfacing);
(42) 150 tons liquid asphalt MC-4 or MC-5 (plant-mixed surf.);
(43) 50 tons liquid asphalt MC-3 (seal coat);
(44) 430 tons screenings (seal coat).

NOTE: Alternative A sets forth the necessary items for the construction of the central portion of the roadbed with crusher run base and natural rock asphalt surfacing; Alternative B sets forth the items for constructing the same area with crusher run base and plant-mixed surfacing.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

SONOMA, MARIN, NAPA AND Solano Counties, Cal.—Until February 3, 2 P. M., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211 State Bldg., San Francisco, for applying Diesel oil to roadside vegetation over a distance of about 197.2 roadside miles, at various locations in Sonoma,

BONNEVILLE, OREGON—TRANSFORMERS—GOVT.

BONNEVILLE, Ore.—Bids for furnishing transformers for the power plant of the Bonneville Power Navigation Project were opened by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, January 21. Lt. Col. C. F. Williams, District Engineer; Bid No. 694-36-180.

Bids were taken as follows:

SCHEDULE 1

(1) 6 transformers 16,000 kv-a, single phase, OIWC, 13.2/66 delta/115 Y kv.;
(2) services of erection superintendent 90 man days.

SCHEDULE 2

(1) 3 transformers, 1,667 kv-a, single phase, OIWC, 13.2/2.4 kv.

SCHEDULE 3

(1) 2 transformers, 1,000 kv-a, three phase, OIWC, 2,400/480 volts.

Delivery fob cars at factory shipping points for shipment under Government bills of lading.

The bidders were:

(A) Maloney Electric Co., 5390 Kings highway, N. W., St. Louis, Mo.
(B) Wagner Electric Corp., 6400 Plymouth Ave., St. Louis, Mo.
(C) General Electric Co., 1 River Rd., Schenectady, N. Y.
(D) Pennsylvania Transformer Co., 1701 Island Ave., N. S., Pittsburgh Pennsylvania.
(E) Kuhlman Electric Co., Bay City, Michigan.
(F) Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.
(G) Allis-Chalmers Mfg. Co., Milwaukee, Wis.

Complete bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
Schedule 1 (1)	$23,200	$22,178	$22,620	$25,000	$	$26,078	$26,393.00
Schedule 1 (2)	15	20	25	25	...	25	25.00
Schedule 2 (1)	3,325	3,830	4,082	3,875	3,778	4,082	4,082.33
Schedule 3 (1)	3,180	3,585	3,793	3,620	3,561	3,793	3,793.50

Bids held under advisement.

BARSTOW—SEWAGE SYSTEM & PLANT—DIST.

BARSTOW, San Bernardino Co., Cal.—John Grancich, 1117 N. Gage Ave., Los Angeles, was awarded the contract by the Barstow Sanitary District, San Bernardino County, Jan. 16, at $83,241 (subject to PWA approval) for constructing a sewer system and a sewage treatment plant in accordance with plans prepared by Currie Engineering Co., 219 Andreson Bldg., San Bernardino. Bids were taken on the following items:

(1) Treatment plant;
(2) Pump station;
(3) 31,456 ft. 8-in. vit. clay pipe;
(4) 1,968 ft. 12-in. vit. clay pipe;
(5) 2,179 ft. 15-in. vit. clay pipe;
(6) 435 ft. 4-in. cast iron pipe;
(7) 356 ft. 12-in. cast iron pipe;
(8) 60 ft. 15-in. cast iron pipe;
(9) 98 manholes;
(10) 10 flush tanks.

Total bids follow:

(A) John Grancich, Los Angeles, $83,241.40.
(B) Mike Radich and C. T. Brown
(C) J. C. Hickey, Alhambra, $87,437.57.
Los Angeles, $85,708.36.
(D) J. C. Kruly and Sam Rados, Los Angeles, $88,066.17.
(E) Sutalo & Ramljak, Los Angeles, $91,454.
(F) V. C. K.Const. Co., Los Angeles, $93,807.04.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$24,500.00	$30,653.40	$31,500.00	$29,000.00	$32,800.00	$35,770.00
(2)	3,000.00	3,800.00	3,300.00	4,900.00	3,800.00	5,077.00
(3)	1.10	1.00	1.06	1.02	1.00	1.05
(4)	1.20	1.00	1.10	1.35	1.40	1.20
(5)	1.50	1.17	1.25	1.45	1.50	1.32
(6)	2.20	1.60	1.75	2.80	3.00	1.66
(7)	2.00	3.00	2.00	1.50	2.00	2.10
(8)	4.50	5.00	5.00	4.10	5.00	5.39
(9)	5.00	5.60	6.00	8.80	6.00	6.70
(10)	70.00	73.00	70.00	69.00	70.00	70.00
(11)	130.00	125.00	100.00	125.00	120.00	115.00

SAN FRANCISCO — FIRE CISTERNS — (CITY)

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., at $29,073.70 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,761, for constructing five fire cisterns (Group 3) on Dolores Street at 22nd, 24th, 26th and 30th Sts., a part of the Auxiliary Water Supply System for the Fire Department.

The work involves:

(1) one 75,000-gal. reinforced concrete cistern at 22nd and Dolores Sts.;
(2) one do 24th and Dolores Sts.;
(3) one do 26th and Dolores Sts.;
(4) one do 28th and Dolores Sts.;
(5) one do 30th and Dolores Sts.;
(6) 140 c.y. excavtion, includ. backfill, test trenches;
(7) 279 s.f. repairing test trenches.

Total bids follow:

(A) Eaton & Smith $29,073.70
(B) C. C. W. & H. H. Haun 29,863.70
(C) MacDonald & Kahn Co. 30,115.80
(D) Mills Const. Co. 31,098.70
(E) Sibley Grading & Teaming Co., Ltd. 31,724.75
(F) Barrett & Hilp 32,919.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$5,770.00	$5,900.00	$6,000.00	$6,147.00	$6,275.00	$6,500.00
(2)	5,770.00	5,900.00	6,000.00	6,147.00	6,275.00	6,500.00
(3)	5,770.00	5,900.00	5,950.00	6,147.00	6,275.00	6,500.00
(4)	5,770.00	5,900.00	5,950.00	6,147.00	6,275.00	6,500.00
(5)	5,770.00	5,900.00	5,950.00	6,147.00	6,275.00	6,500.00
(6)	1.00	2.00	1.50	2.00	2.00	2.00
(7)	.30	.30	.20	.30	.25	.50

All bids referred to the City Engineer and the PWA.

Marin, Napa and Solano Counties.

The work will require 2600 bbls. of Diesel oil in place.

Specifications obtainable from the above office.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until February 11, 10 A. M., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of about 2.6 miles of Moffatt Blvd. form the city limits of Mountain View to the Bayshore Highway.

The work involves:
(1) 104,160 sq. ft. oil macadam;
(2) 176,000 sq. ft. oil and screenings;
(3) 2,860 sq. ft. patching.

Plans and specifications obtainable at the office of County Surveyor Robt. D. Chandler at a charge of $1.00.

CONTRACT AWARDED

MENDOCINO COUNTY, Cal.—Helwig Const. Co., 115 S. Main St., Sebastopol, at $5,688 awarded contract by the State Highway Commission, Sacramento for about 0.2 mile widening existing highway and surfacing with river run gravel, and placing corrugated metal culverts and drop inlets in Mendocino County near Lane's Redwood Flat.

BIDS WANTED

SAN JOAQUIN, Stanislaus, Calaveras, Amador, Tuolumne and Mariposa Cos., Cal.—Until February 10, 3 P. M., bids will be received by the Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center Street, Stockton, for applying diesel oil to roadside vegetation for a distance of about 156.7 roadside miles at various valley locations on the east side of San Joaquin Valley, in San Joaquin, Stanislaus, Calaveras, Amador, Tuolumne and Mariposa Counties.

The work will require 1,255 barrels of diesel oil in place.

Specifications obtainable from above office.

BIDS WANTED

ALAMEDA, CONTRA COSTA AND Santa Clara Counties, Cal. — Until February 3, 2 P. M., bids will be received by the Division of Highways. Jno. H. Skeggs, District Engineer, Rm. 211, State Bldg., San Francisco, for applying Diesel oil to roadside vegetation over a distance of about 111.4 roadside miles, at various locations in Alameda, Contra Costa and Santa Clara Counties.

The work required 1500 bbls. of Diesel oil in place.

Specifications obtainable from the above office.

INYO COUNTY — 7.3 MI. GRADE AND SURFACE — (STATE)

INYO COUNTY, Cal.—Basich Bros., 20530 Normandie Ave., Torrance, at $109,721.70 submitted low bid to the State Highway Commission, Sacramento, for about 7.3 miles grading and surfacing with road-mix surfacing in Inyo County between Big Pine and Keough Hot Springs.

The work involves:
(1) 80 acres clearing and grubbing right of way;
(2) 5,460 M. gals. water;
(3) 59,000 c.y. rdwy. excav., unclass.
(4) 403,000 sta. yds. overhaul;
(5) 77,500 c.y. imported borrow;
(6) 1,800 c.y. ditch and channel excavation;
(7) 1,700 c.y. struc. excav.;
(8) 390 sta. finishing roadway;
(9) 200 tons liquid asph. SC-2 (prime coat);
(10) 15,500 tons mineral aggregate (road-mix surfacing);
(11) 860 tons liquid asph. SC-3 (do);
(12) 8 miles preparing, mixing, shaping roadbed (road-mix surfacing);
(13) 110 tons liquid asph. SC-3 (shoulders);
(14) 80 tons liquid asphalt MC-3 (seal coat);
(15) 485 tons sand (seal coat);
(16) 5,400 l.f. paved gutters;
(17) 2,300 lbs. bar reinf. steel (struc.)
(18) 54 c.y. Class A Portland cement concrete (structures);
(19) 138 l.f. 8-in. CMP;
(20) 44 l.f. 18-in. CMP;
(21) 1,514 l.f. 24-in. CMP;
(22) 48 l.f. 48-in. CMP;
(23) 44 l.f. 72-in. CMP;
(24) 146 l.f. cleaning and relaying C M P culverts;
(25) 249 l.f. cleaning and salvaging C M P culverts;
(26) 15 each spillway assemblies;
(27) 10 ea. headwalls removed and disposed of;
(28) 0.72 mile removing and disposing of property fences;
(29) 14.03 miles new property fences;
(30) 9 each drive gates;
(31) 2 each walk gates;
(32) 15 each removing and re-setting timber guide posts;
(33) 20 each guide posts;
(34) 31 each culvert markers;
(35) 73 each monuments complete in place;
(36) 1,800 l.f. 1½-in. galv. iron water pipe line.

Total bids follow:
(A) Basich Bros., Torrance, $109,721.70.
(B) V. R. Dennis Const. Co., San Diego, $113,251.00.
(C) Oswald Bros., Los Angeles, $118,332.50.
(D) Gibbons & Reed, Burbank, $119,429.35.
(E) Fredericksen & Westbrook, Lower Lake, $120,037.03.
(F) Mundo Engr. Co., Los Angeles, and Sander Pearson, Santa Monica, $129,061.80.
(G) Young & Son Co., Ltd., Berkeley, $130,511.67.
(H) Union Paving Co., San Francisco, $131,410.60.
(I) M.J.B. Const. Co., Stockton, $132,575.10.
(J) Isbell Const. Co., Reno, $134,774.40
(K) R. R. Carlson, Stockton, $139,028.75.
(L) Hemstreet and Bell, Marysville, $143,513.25.
(M) C. W. Caletti & Co., San Rafael, $146,280.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1)	$41.00	$10.00	$35.00	$15.00	$55.00	$100.00	$40.00	$50.00	$75.00	$15.00	$75.00	$25.00	$36.80
(2)	.58	1.00	1.30	.74	2.00	1.50	1.06	1.25	.75	1.25	1.25	1.50	1.30
(3)	.23	.25	.24	.27	.26	.33	.31	.35	.40	.30	.28	.35	.30
(4)	.005	.01	.008	.004	.005	.007	.005	.01	.005	.01	.01	.02	.0003
(5)	.35	.40	.41	.46	.46	.32	.445	.35	.50	.43	.55	.54	.55
(6)	.30	.75	.90	.80	1.08	.40	.50	1.00	.50	.90	.90	.75	1.30
(7)	.50	.75	.90	.88	1.08	1.00	.90	1.00	1.50	.90	1.00	1.25	1.30
(8)	12.00	5.00	2.50	5.50	4.80	5.00	5.00	7.00	5.00	10.00	5.00	5.00	5.20
(9)	13.11	14.00	14.30	14.00	14.40	17.00	15.66	16.00	12.50	15.00	17.00	15.00	21.00
(10)	.49	.50	.67	.75	.50	.75	.82	.60	.65	1.00	.75	.60	.74
(11)	15.65	16.50	16.80	16.50	16.00	20.00	18.25	20.00	15.00	18.00	20.00	20.00	24.70
(12)	600.00	500.00	530.00	700.00	400.00	750.00	1300.00	850.00	500.00	725.00	400.00	600.00	900.00
(13)	23.75	25.00	25.40	17.50	17.40	20.00	18.65	20.00	15.00	18.00	20.00	20.00	24.70
(14)	25.93	25.00	24.25	24.00	24.00	25.00	24.30	28.00	20.00	30.00	25.00	30.00	30.00
(15)	3.50	3.75	2.10	3.00	2.40	5.00	1.50	3.00	3.00	2.50	3.50	4.00	4.00
(16)	.25	.20	.08	.11	.25	.14	.12	.40	.20	.10	.20	.60	.12
(17)	.06	.10	.06	.06	.12	.08	.06	.10	.08	.07	.06	.08	.06
(18)	20.00	25.00	29.50	30.00	27.60	30.00	25.00	30.00	25.00	28.00	28.00	30.00	28.00
(19)	1.85	1.25	1.20	1.50	1.00	1.20	1.30	1.20	1.30	1.50	1.25	1.25	1.20
(20)	2.60	2.25	2.00	2.00	2.00	2.30	1.98	2.00	2.30	2.25	2.00	2.00	2.20
(21)	3.30	3.50	2.80	3.00	2.60	3.00	2.75	3.00	2.95	3.00	3.00	2.75	3.00
(22)	7.85	11.00	6.85	8.00	6.50	7.00	7.30	8.00	10.00	9.00	7.50	8.50	9.00
(23)	17.25	20.00	13.00	14.00	14.00	14.00	15.00	15.00	20.00	15.00	15.00	15.00	18.00
(24)	.50	1.00	.90	.80	1.00	1.50	1.00	1.00	1.50	1.00	2.25	.75	2.00
(25)	.40	.75	.75	.80	1.00	1.00	.75	1.00	1.00	1.00	1.00	.50	1.50
(26)	25.00	15.00	15.00	13.00	12.00	18.00	15.00	16.00	15.00	16.50	15.00	15.00	15.00
(27)	10.00	10.00	6.00	20.00	10.00	10.00	7.50	10.00	10.00	6.00	10.00	5.00	10.00
(28)	150.00	50.00	485.00	100.00	100.00	100.00	100.00	200.00	200.00	150.00	150.00	100.00	250.00
(29)	590.00	400.00	535.00	410.00	350.00	400.00	425.00	500.00	340.00	480.00	400.00	500.00	400.00
(30)	20.00	15.00	19.00	18.00	18.00	30.00	18.00	20.00	15.00	22.50	25.00	25.00	15.00
(31)	20.00	6.00	10.00	14.00	15.00	10.00	7.00	15.00	10.00	15.00	10.00	15.00	15.00
(32)	1.00	1.00	1.50	1.00	1.25	2.00	1.50	2.00	1.00	2.50	3.50	.50	2.00
(33)	3.00	2.00	2.00	1.50	3.00	3.00	2.00	3.00	2.00	3.50	2.25	2.25	2.00
(34)	2.00	2.00	2.50	1.50	3.00	3.00	2.25	3.00	2.00	3.50	2.25	2.25	1.50
(35)	4.50	3.00	3.00	2.25	3.00	5.00	3.00	3.00	3.00	3.50	3.00	3.00	3.00
(36)	.47	.50	.50	.45	.75	.60	.70	1.00	.45	.70	.35	1.00	.70

BIDS WANTED

MONTEREY COUNTY, Cal.—Until February 19, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 6.8 miles grading and paving with Portland cement concrete and constructing a reinforced concrete bridge in Monterey County between Bradley and 6 miles south of San Ardo.

The work involves:

(1) 362 sta. clearing and grubbing right-of-way;
(2) 2540 M gals. water;
(3) 241,000 cu. yds. rdwy. excav. unclass.;
(4) 2,940,000 sta. yds. overhaul;
(5) 1850 cu. yds. ditch and channel excavation;
(6) 6785 cu. yds. struc. excav.;
(7) 1510 cu. yds. removing existing concrete;
(8) 11,000 cu. yds. imported borrow;
(9) 225 tons asphaltic cement Grade E (roadbed seal);
(10) 80,300 sq. yds. preparing subgrade for pavement;
(11) 362 sta. finishing roadway;
(12) 75,000 sq. yds. preparing, mixing and shaping shoulders, detours, and road approaches (road mix surface treatment);
(13) 770 tons liq. asphalt SC-2 (road mix surface treatment);
(14) 2550 cu. yds. salvaging detour surfacing;
(15) 15,770 cu. yds. Class A Portland cement concrete (pavement);
(16) 254,500 lbs. bar reinf. steel (pave and strucs.);
(17) 32,460 each pave dowels;
(18) 10 each pavement crossing devices (Type A-20);
(19) 1180 cu. yds. Class A Portland cement concrete (strucs.);
(20) 66 cu. yds. Class A Portland cement concrete (footing blocks);
(21) 252 lin. ft. timber railing;
(22) 260 cu. yds. dry rubble;
(23) 518 lin. ft. 8-in. CMP;
(24) 1131 lin. ft. 18-in. CMP;
(25) 502 lin. ft. 24-in. CMP;
(26) 261 lin. ft. 30-in. CMP;
(27) 198 lin. ft. 36-in. CMP;
(28) 62 lin. ft. 54-in. CMP 12 gauge;
(29) 124 lin. ft. 54-in. CMP 8-gauge;
(30) 280 lin. ft. 8-in. perf. metal pipe (underdrains);
(31) 75 cu. yds. rock filling material (underdrains);
(32) 45 each spillway assemblies;
(33) 1790 sq. yds. paved gutters and inlet aprons;
(34) 980 lin. ft. laminated guard railing;
(35) 63 each culvert markers;
(36) 349 each guide posts;
(37) 10.0 miles new property fence (Type A);
(38) 3.8 miles new property fence (Type B);
(39) 36 each drive gates;
(40) 120 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on February 13, 1936:

I-Men-Feeder Rd., Longvale to Dos Rios. PLANS (No. Sheets) 31; (Cost) $3.10; CROSS-SECTIONS, none; (total) $3.10.

V-S.B-2-F, Tajiguas Creek to Arroyo Hondo: PLANS (No. of Sheets) 15; (Cost) $1.50; CROSS-SECTIONS, (No. of Sheets) 64; (Cost) $6.40; (Total) $7.90.

V-S.B. SLO-2-A&F, Richfield Tower to Santa Maria River: PLANS (No. of Sheets) 15; (Cost) $1.50; CROSS-SECTIONS (No. of Sheets) 42; (Cost) $4.20; (Total) $5.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS WANTED

AMADOR, Calaveras, Tuolumne and Stanislaus Cos., Cal.—Until Feb. 11, 3 P. M., bids will be received by the Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for applying diesel oil to roadside vegetation for a distance of 185.1 roadside miles at various foothill and mother lode locations in Amador, Calaveras, Tuolumne and Stanislaus Counties.

The work will require 1,245 barrels of diesel oil in place.

Specifications obtainable from above

CONTRACT AWARDED

MOHAVE COUNTY, Ariz.—Geo. W. Orr, El Paso Tex., at $154,805.37 was awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Ashfork-Kingman Highway, WPGH 118-A, A F E 6638. The work, which is located about 35 miles northeast of Kingman, consists of grading, draining and furnishing and placing of aggregate base course over a new highway location about 2.1 miles in length and is to be completed on or before Feb. 15, 1937.

The other bids were:

Packard Const. Co., Phoenix.. $196,024
Lee Moor Contr. Co., El Paso.... 197,826
F. D. Shufflebarger, Albuquerque, N. M.... 210,352

CONTRACT AWARDED

GRAHAM COUNTY, Ariz.—Tiffany Const. Co., Flagstaff, Ariz., at $45,534.70 awarded contract by the Arizona State Highway Commission, Phoenix, for construction of the Safford-Bowie Junction Highway, WPSS-115-B.

The work, which extends from a point about 6.2 miles south of Safford southerly for a distance of about two miles, consists of grading and draining the roadway and furnishing and placing aggregate base course, and is to be completed on or before July 15, 1936.

BIDS WANTED

STATE OF OREGON—Until Feb. 6, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction as follows:

Clatsop County: 20th St.-28th Street Section of Commercial St. and Franklin Ave. (Columbia River Highway) in Astoria; 0.33 mile paving. Requires approximately 3,000 c.y. excavation; 3,100 ft. concrete curb; 9,000 sq. yds. Portland cement concrete pave.; 2,000 c.y. gravel or crushed rock base, and 440 tons asphaltic concrete pave.

Columbia County: Rainier Section of Columbia River Highway; 0.456 mi. grading and paving and 0.402 mile of grade widening. Requires approximately 30,000 c.y. excavation; 2,800 cu. yds. gravel or crushed rock base, and 5,400 sq. yds. Portland cement concrete pavement.

Klamath County: Dairy - Bonanza Section of Dairy-Bonanza Highway; 6.74 miles regrading and resurfacing. Requires approximately 30,000 c.y. of excavation, and 7,200 c.y. crushed rock surfacing materials.

Lane County: Doty Ranch-Danebo Road Section of Eugene-Veneta Highway; 0.765 mile grading, surfacing and bituminous macadam wearing surface. Requires approximately 9,000 cu. yds. excavation; 5,000 c.y. pit-run and screened gravel topping; 1,200 c.y. crushed gravel surface materials, and 9,000 sq. yds. bituminous macadam wearing surface. This project may be bid in combination with Oak Hill-Doty Ranch Section in Lane County.

Lane County: Oak Hill-Doty Ranch Section of Eugene-Veneta Highway; 1.41 miles grading, surfacing and bituminous macadam wearing surface. Requires approximately 16,000 c.y. of pit-run and screened gravel topping; 2,100 c.y. crushed gravel surfacing material and 16,500 sq. yds. bituminous macadam wearing surface. This project may be bid in combination with Doty Ranch-Danebo Road Section in Lane County.

Multnomah County: Columbia Boulevard-Levee Road Section of NE 47th Ave. (Morgan Road); 2.01 miles grading and paving and construction of 95 feet of treated pile trestle with concrete deck. Requires approximately 10,000 c.y. excavating; 7,000 c.y. of screened gravel subbase materials; 2-700 c.y. crushed surfacing materials; 24,000 sq. yds. asphaltic concrete pavement; 1,360 l.f. treated trestle piling; 17 MFBM treated lumber; 75 c.y. concrete, and 210 feet concrete handrail.

Tillamook Co.: Manzanita - Wheeler Section of Nehalem County Road; 3.42 miles of oil mat surface treatment.

Umatilla Co.: Cold Springs Bridge-Holdman Section of Pendleton - Cold Springs Highway; 6.34 miles regrading and surfacing and 7.34 miles of oil mat surface treatment; also furnish 800 c.y. crushed rock in stockpile. Requires approximately 25,500 c.y. excavation; 8,000 c.y. crushed rock surfacing materials; 78,000 sq. yds. oil mat surface treatment, and 800 c.y. crushed rock in stockpile.

Plans and specifications obtainable at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set. 29

BIDS WANTED

STANISLAUS, Merced and Mariposa Cos., Cal.—Until February 7, 3 P. M., bids will be received by the Division of Highways, R. E. Pierce, District Engineer, 1200 North Center Street, Stockton, for applying diesel oil to roadside vegetation for a distance of about 141.4 roadside miles at various locations in Stanislaus, Merced and Mariposa Counties.

The work will require 1,050 barrels of diesel oil in place.

Specifications obtainable from above office.

BIDS WANTED

SOLANO and San Joaquin Cos., Cal.—Until February 7, 3 P. M., bids will be received by the Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for applying diesel oil to roadside vegetation for a distance of about 128.1 roadside miles at various valley locations on the westerly side of San Joaquin Valley in Solano and San Joaquin Counties.

The work will require 1,110 barrels of diesel oil in place.

Specifications obtainable from above office. 29

BIDS WANTED

COCONINO COUNTY, Ariz.—Until February 25, 10 A. M., bids will be received by the Bureau of Public Roads, 114 Title & Trust Bldg., Phoenix, for placing a crushed rock base course on all of Route 8, Hermit Rest and the Headquarters Service Rds. and Parking Areas, Grand Canyon National Park, Coconino County.

The length of the project is 9.141 miles, exclusive of Service Roads and Parking Areas, which have an area of approximately 67,205 sq. yds.

The principal items of work involved are:

(1) 38,200 tons crushed rock base course;
(2) 3955 tons supplemental crushed rock;
(3) 1350 M. gallons watering;
(4) 564 tons applying liquid asphaltic road material, Type SC-2;
(5) 15 cu. yds. unclassified excavation for structures;
(6) 216 lin. ft. CMP;
(7) 23 cu. yds. masonry.

Plans and specifications obtainable from the office of the Bureau of Public Roads, 114 Title & Trust Building, Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco, upon deposit of $10. * 29

30—RESERVOIRS & DAMS

BIDS OPENED

ALHAMBRA, Los Angeles Co., Cal.—Chicago Bridge & Iron Works, 608 South Hill St., Los Angeles, apparently submitted the low bid to the Alhambra city commission Jan. 28 at $66,165, using riveted steel tank, redwood roofing and machine excavation, for constructing the Marengo Reservoir, consisting of two steel tanks of 2,302,000 gallons capacity each, 143 ft. in diameter, and 20 ft. high, with connecting pipe. The bid on the welded fabrication was $68,865.

Bids were taken as follows:

(1) 9020 c.y. excavation and hauling (hand excavation);
(2) Alternate to the above (machine excavation;
(3) Redwood tongue and groove sheeting roofing;
(4) Alternate to the above (Douglas fir sheeting, roofing paper);
(5) Riveted steel tank, inc. pipe connecting the reservoirs;
(6) Alternate to the above (all welded fabrication;
(7) 925 l.f. 4-in. dia. drain tile (bell and spigot).

The bids were:

Chicago Bridge and Iron Works: (1) $11,500; (2) $4610; (3) $9165; (4) $9965; (5) $53,670; (6) $50,970; (7) $1420.

Western Pipe & Steel Co.: (1) $12,125; (2) $4776; (3) $9300; (4) $9950; (5) $56,846; (6) $54,340; (7) $1525.

Consolidated Steel Corp.: (1) $11,875 (2) $4840; (3) $10,081; (4) $10,560; (5) $56,100; (6) $53,100; (7) $1510.

Southwestern Welding and Mfg. Co.: (1) $12,485; (2) $5288; (3) $9945; (4) $10,155; (5) $59,565; (6) $53,120; (7) $1560.

Lacy Mfg. Co.: (1 $12,000; (2) $4950; (3) $9225; (4) $9840; (5) $58,450; (6) $55,275; (7) $1510.

C. F. Robbins: (1) no bid; (2) $6000; (3) $8200; (4) no bid; (5) $62,300; (6) no bid; (7) $2300.

C. F. Robbins also submitted a bid of $78,800 for the complete job.

30—RESERVOIRS & DAMS

BIDS WANTED

SANTA BARBARA, Cal.—Until Feb. 10, 2 P. M. (to be opened at 3 P. M.) as previously reported, bids will be received by Santa Barbara City Council, Geo. D. Geib, City Clerk, for the raising, improving and strengthening the existing earth fill Sheffield Dam and deepening and paving the Sheffield Reservoir, located within the city, a part of the municipal water distribution system.

The dam will be raised 11 ft. with rolled earth fill of a minimum width of 25 ft. The paving of the upstream face will be extended to include the new portion of the structure. The estimated cost is $200,000. This is a PWA project and final award of contract will be subject to approval by the PWA engineer.

SCHEDULE A

Sheffield Dam and water storage reservoir, except retaining wall:

(1) removal of gate structure, curbing and buildings, lump sum;
(2) 63,000 c.y. excav., common, in reservoir down to grades specified for paving and transporting to dam or wasting immediately below dam;
(3) 2000 c.y. excavation, common, for foundations, trenches, culverts, pavements, ribs, etc.;
(4) 2000 c.y. excavation, rock, for breaking up, excavating & hauling rock;
(5) 38,000 s.y. grading for pave.;
(6) 600 c.y. backfill to grades as directed by engineer;
(7) 40,000 c.y. rolled fill complete in place;
(8) 11,000 c.y. rock fill for all work, handling and placing in fill;
(9) 150 l.f. drains, including excav., setting pipe, furnishing & placing broken rock;
(10) grouting old drain, lump sum;
(11) 1000 c.y. concrete in walls and incidental structures, including pavement ribs;
(12) 12,000 sq. yds. concrete in pave., 6-in. thick;
(13) 27,000 sq. yds. do, 4-in. thick;
(14) 3000 c.f. gunite in place;
(15) 130,000 lbs. reinf. in place, new billet, intermediate grade steel;
(15a) (alternate) 130,000 lbs. reinf. in place, rail steel;
(16) 2300 sq. yds. wire mesh in place, 2x2-in., 12x12-gauge;
(17) 38,000 sq. yds do, 4x4-in., 7x7-ga.;
(18) 4000 sq. yds. roadway excavating, grading, surfacing and placing roadway materials, etc.;
(19) 17,000 lbs. hydraulic equipment, installation.
(20) gate valve house complete, lump sum;
(21) 41 pairs reservoir protection wires and posts in place.

SCHEDULE B

Retaining Wall

(1) 170 c.y. excavation, common, for foundations;
(2) 30 c.y. backfill to grades as directed by engineer;
(3) 380 c.y. concrete in footings and walls, inc. forms, ties, water stops, etc.;
(4) 300 l.f. drains, inc. excavation, setting pipe, furnishing & placing broken rock;
(5) 77,000 lbs. reinf. in place, new billet, intermediate grade steel;
(5a) (alternate) 77,000 lbs. reinf. in place, rail steel;
(6) 8300 pounds hydraulic equipment, installation.

Plans and specifications were prepared by the consulting engineers, Quinton, Code and Hill-Leeds & Barnard, Suite 905, Edison Bldg., 601 W. Fifth St., Los Angeles. Copies of the contract documents may be seen at the office of the consulting engineers. Drawings will be available for inspection on January 27. Contract documents may be purchased from the Water Works Department, Santa Barbara, or from the consulting engineers in Los Angeles, for $1., and all drawings for $4, not returnable. Certified or cashier's check or bid bond for 10% must accompany each bid. Delbert D. Smith, Water Works Superintendent.

BIDS OPENED

SACRAMENTO, Cal.—Identical bids at $0.0666 per gallon city truck, and at $0.1125 per gal. steel drum, were submitted by the American Bitumuls Co., Oakland, and A. Teichert & Son, Sacramento, to the Sacramento City Council, for furnishing approximately 72,000 gals. asphalt emulsion for use in sealing and repair of city streets.

Bids held under advisement.

CONTRACT AWARDED

ENCINITAS, San Diego Co., Calif.—Until February 4, 1:30 P. M., bids will be received by the Board of Directors of San Dieguito Irrigation District, F. H. Tolle, Secretary, Encinitas, for the construction of a circular, reinforced concrete reservoir (Reservoir No. A)

The work involves

(1) 650 c.y. excavation;
(2) 460 c.y. reinforced concrete in the walls, footings, columns, boxes;
(3) 6,000 s.f. reinforced concrete floor
(4) 7,150 s.f. frame roof with covering.

Plans and specifications obtainable from the above office upon payment of $2.00.

BIDS WANTED

YAKIMA PROJECT, Wash. — Until February 24, 10 A. M., bids will be received by the Bureau of Reclamation, Yakima, under Spec. No. 669, for construction of a spillway at the Kachess Dam, Yakima Project.

The work is located about 2½ miles northwest of Easton, Wash., and the principal items of work involved are:

(1) 61,200 c.y. earthwork excavation for structure and other purposes
(2) 660 c.y. excavation of concrete and rubble paving;
(3) 2,800 c.y. backfill;
(4) 11,000 c.y. earth fill in embankment;
(5) 1,300 c.y. riprap on upstream slope and rock fill at toe of embankment;
(6) 900 c.y. dumped riprap in spillway channel;
(7) 250 c.y. screened gravel under the floor of spillway;
(8) 75 c.y. porous concrete;
(9) 2,260 c.y. concrete;
(10) 150 s.y. grouted paving;
(11) Placing 25,000 lbs. reinf. bars;
(12) Constructing 1,095 l.f. 6- to 18-in. diameter sewer pipe drains;
(13) Drilling 70 l.f. holes for anchor bars and grouting bars in place;
(14) Installing 275 l.f. metal sealing strips;
(15) Installing 60,800 lbs. gates and other metal work.

Work shall be commenced within 30 calendar days and completed within 250 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the Bureau of Reclamation at Yakima, Wash.; Denver, Colo.; or Washington, D. C., without charge to prospective bidders; to others, $1 per copy, not returnable. *

CONTRACT AWARDED

CARLSBAD PROJECT, N. M.—Hallett Const. Co., Crosby, Minn., at $1,132,547 awarded contract by the Bureau of Reclamation, Carlsbad, N. M., under Spec. No. 660, for the construction of the Alamogordo Dam, Carlsbad Project. L. E. Foster, project superintendent.

The work is located near Fort Sumner, N. M. The proposed dam will be of the earth fill type with rock fill facing, 1100 ft. in length at the crest and 136 ft. in height, with dike 1200 ft. in length, with concrete cut-off walls and diversion tunnels (10 ft. diameter circular and 11x7½ ft. horseshoe) with spillway and other appurtenances.

CONTRACT AWARDED

SAN FRANCISCO.—MacDonald and Kahn Co., Ltd., 200 Financial Center Bldg., at $157,308 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 100, for construction of the central pumps reservoir.

The work consists of construction of a covered reservoir with a concrete roof and lining, valve house, and inlet and outlet structures, located in the block bounded by Sloat Blvd. 23rd Ave., Ocean Ave. and 22nd Ave., and includes removing an existing concrete tank and certain pipe lines, excavating for reservoir and constructing embankment, constructing the concrete roof, lining, and appurtenant structures, furnishing and installing steel pipe lines together with slide gates, installing valves, cast iron pipe lines, and constructing manholes and drop structures, furnishing and installing tile drain pipe, repairing the street over pipe trences and constructing new sidewalk, constructing gravel paths and surfacing and certain other work.

31—PIPE LINES & WELLS

LOW BIDDER

POINT ARGUELLO, Santa Barbara Co., Cal.—Lyon Bros., 1363 Carmona St., Los Angeles, submitted low bid to the U. S. Coast Guard Headquarters, Washington, D. C., for drilling of a deep water well, including the furnishing of all equipment, materials, tools, labor, transportation, etc., for drilling and casing a well at the new Point Arguello Coast Guard Station, near Arlight, Santa Barbara County. The bid was: Item (a) $3 per ft.; (b) $3; (c) $5.50; (d) $5.50; (e) $2.50; (f) $2.50; (g) $4.25 (h) $4.25 (i) $2; (j) $2; (k) $3.25; (l) $3.25; (m) $25, (n) $20; (o) $4; (p) $10. • 31

AWARD RECOMMENDED

LA MESA, San Diego Co., Calif.—Consolidated Steel Corp., Ltd., 5701 E. Slauson Ave., Los Angeles, submitted low bid to the La Mesa, Lemon Grove and Spring Valley Irrigation District, La Mesa, January 28, at $141,306.75 (bidding on Proposal A—electrically-welded steel pipe) for the construction of a portion of the El Capitan-Lakeside Pipeline for the La Mesa, Lemon Grove and Spring Valley Irrigation District, said work being located between the tunnel plug at El Capitan Dam and a point approximately 10,400 l.f. westerly therefrom. The El Capitan Dam is located on the San Diego River approximately eight miles easterly of the town of Lakeside. The proposed pipe line will be a 48-in. steel line and will be financed by PWA grant of $39,000 and funds provided by the sale of $89,000 in District bonds voted in 1934.

There were no bids submitted for steel cylinder concrete protected pipe, Propoal B.

The bids were referred to the PWA with the recommendation that the contract be awarded to the low bidder.

The bids were:

Conolidated Steel Corp., Ltd.: $141,306.75

Western Pipe and Steel Corp., Los Angeles, $153,219.50.

Southwest Welding and Mfg. Co., Alhambra, $156,055.50.

David H. Ryan, San Diego: $158,748.40.

Bethlehem Steel Co., Los Angeles: $161,107.25 •

AWARD RECOMMENDED

SAN DIEGO, Calif. — Consolidated Steel Corp., Ltd., 5701 E. Slauson Avenue, Los Angeles, submitted low bid to the San Diego city council Jan. 28 at $112,359.85 (Proposal A, for electrically welded steel pipe) for constructing El Capitan - Lakeside pipe line between El Capitan Dam and the existing Lakeside-University Heights line. The proposed line will consist of four miles of 48-inch pipe and two miles of 36-inch pipe. Bids were taken on alternative proposals as follows:

Proposal A—Electrically-welded steel pipe;

Proposal B—Concrete protected steel cylinder pipe (electrically welded).

Funds for the project have been provided as follows: PWA grant of $129,000, and balance of $301,000 by the city from reserves and unexpended bond funds.

There were no bids on Proposal B, concrete protected steel cylinder pipe

The bids were referred to the PWA with the recommendation that the contract be awarded to the low bidder.

The bids were:

Consolidated Steel Corp.: $412,359.85.

Western Pipe and Steel Corp., Los Angeles: $424,847.50.

Southwest Wekling and Mfg. Co., Alhambra: $432,051.52.

Bethlehem Steel Co., Los Angeles: $435,192.95.

David H. Ryan, San Diego: $439,407.75. •

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

OAKLAND, Cal.—Until February 4, 5:30 P. M., bids will be received by the East Bay Municipal Utility Dist. John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. LS 166, for the construction of the Crockett Hill tank, a concrete structure, of 1,000,000 gallons capacity.

Specifications obtainable from the above office • 32

BIDS WANTED

SONORA, Tuolumne Co., Cal.—Until February 3, 8 P. M., as previously reported, new bids will be received by the Sonora City Council, J. V. Wulff, City Clerk, for the construction of intercepting and outfall sewers and sewage treatment plant.

The work involves:

(1) 3,918 l.f. constructing 15-in. vitrified pipe sewer complete;
(2) 679 l.f. constructing 12-in. do;
(3) 948 l.f. constructing 10-in. do;
(4) 2,378 l.f. constructing 8-in. do;
(5) 699 l.f. constructing 8-in. cast iron pressure sewer complete with leadite (or equal) joints;
(6) 11 each 15x6-in. wye branches for house connections, constructed complete with caps;
(7) 2 each 8x6-in. do;
(8) 18 each, constructing manholes, complete with Type A covers;
(9) 2 each manholes, constructing complete at Sta. 57 plus 30.5 and 28 plus 12.0, with Type B covers;
(10) 4 each manholes, constructing complete for cast iron pressure sewer, Sta. 8 plus 61.0 to Sta. 13 plus 78.0 inclusive;
(11) 1 valve box, Sta. 8 plus 61.0 constructing complete;
(12) 19 each lampholes, complete;
(13) valve, gate, fittings, etc., installing complete for cast iron pressure sewer;
(14) Constructing sedimentation tank with sludge remover and skimming equipment, sludge and grease pipes, screen compartment with bar screen but without automatic equipment, inlet and outlet pipes, complete;
(15) Constructing sludge digestion tank with inlet and outlet pipes, gas burner, etc., complete, but without sludge drying bed;
(16) 11 c.y. constructing masonry dams at Stations 0 plus 15 and 28 plus 30, complete;
(17) 30 c.y. constructing rubble wall for retaining fills, complete.

All bids received November 22 have been rejected. W. J. Tobin, 586 Howard St., San Francisco, submitted the previous low bid at $68,662.62.

Plans and specifications have been revised by John S. Bates, 3131 Eton Ave., Berkeley, engineer.

The PWA has allotted a grant of 45% of the total cost, which was estimated at $45,869. •

33— WATER WORKS

BIDS OPENED

OAKLAND, Cal.—Rensselaer Valve Co., 55 New Montgomery Street, San Francisco, at $6,345.50 (lump sum bid) submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L. S. 164, for furnishing:

(1) 50 44-in. gate valves;
(2) 300 6-in. gate valves;
(3) 100 8-in. gate valves.

Complete bids follow:

Rensselaer Valve Co.: (1) $1287; (2) $6435; (3) $1657.50; total, $9,379.50; lump sum price, $6,345.50.

Iowa Valve Co. (by Waterworks Supply Co.): (1) $1287; (2) $6435; (3) $1657.50; total, $9,379.50; lump sum price, $6,990.

Rich Mfg. Co.: (1) $949, (2) $4830; (3) $1394.50; total, $7,172.50.

Pacific States Cast Iron Pipe Co.: (1) $1287; (2) $6435; (3) $1657.50; total, $9,379.50; lump sum price, $7,444.50.

A. P. Smith Mfg. Co.: (1) $1089; (2) $5445; (3) $1402.50; total, $7,936.50.

Crane Co.: (1) $1287; (2) $6435; (3) $1657.50; total, $9,379.50; lump sum price, $7,972.00.

Ludlow Valve Co. (1) $1287; (2) $6,435; (3) $1657.50; total, $9,379.50.

Kennedy Valve Co.: (1) $1318; (2) $7590; (3) $1955; total, $11,063; lump sum price, $8,114.50.

Bids held under advisement.

PLANS APPROVED

SACRAMENTO, Calif.—Plans and specifications for two 3,000,000-gallon concrete water storage tanks have been approved by the PWA and a call for bids will be issued shortly by the Sacramento City Council. Estimated cost, $368,000.

One tank will be located on the State fair grounds and the other near Sacramento Stadium.

Henry D. Dewell, 55 New Montgomery St., San Francisco, is consulting engineer for the project. •

CONTEMPLATED

STOCKTON, San Joaquin Co., Cal City Engineer Lyle Payton has announced that work will begin February 1 on improvements at the municipal airport, a WPA project.

A drainage system consisting of 120 ft. of 21-in. pipe, 950 ft. of 15-in. pipe 300 ft. of 12-in. pipe and 3390 ft. of 8-in. and 10-in. pipe, will be the first unit to be installed.

A 12-in. well and pump and pressure water system, and a sewer system with 2700 ft. of 8-in. pipe will also be started shortly. The administration building, two additional hangars, and a night lighting system will be constructed in March.

Total cost of the work is estimated at $184,000 and the Federal government has alloted $41,000.

BIDS WANTED

SOUTH GATE, Los Angeles Co., Cal.—Until February 8, 8 P. M., bids will be received by the South Gate City Council, H. C. Peiffer, City Clerk for the construction of an elevated steel tank.

The proposed tank will have a capacity of 150,000 gallons and the tower will be 141 ft. in height from the foundation to the top edge of the tank.

Plans and specifications obtainable from the above office upon deposit of $5.00.

Guy F. Neville, City Engineer. L. M. Rothkranz, city water superintendent.

BIDS WANTED

SANTA BARBARA, Cal.—Until Feb. 10, 2 P. M. (to be opened at 3 P. M.) as previously reported, bids will be received by the Santa Barbara City Council, George D. Geib, City Clerk, for the construction of a water filtration plant.

The proposed filtration plant will be located between Mission Tunnel and the Sheffield Reservoir and will consist of clarifier tanks occupying an area 72x200 ft., with other portions of the building 40x58 ft., consisting of offices, laboratory and other necessary departments, all of monolithic construction. The estimated cost is $160,000. This is a PWA project and final award of contract is subject to approval by the PWA engineer.

The work involves:

Filtration Plant—Schedule "A"

(1) 5000 c.y. excavation, common, for filtration plant and roadway;
(2) 50 c.y. excavation, rock, for breaking up, excavating & hauling rock;
(3) 2100 c.y. backfill to grades as directed by engineer;
(4) 200 l.f. drains including excavation, setting pipes, furnishing & placing broken rock;
(5) 500 lbs. anchor bolts for placing and grouting anchor bolts;
(6) 2500 c.y. Class A concrete;
(7) 90 c.y. Class B concrete;
(8) 108 c.y. Class C concrete;
(9) 21 c.y. Class D concrete;
(10) 1200 c.y. Class E concrete;
(11) 40 c.y. Class F concrete;
(12) 600,000 lbs. reinf. in place; new billet, intermediate grade steel;
(12a) Alternate: 600,000 lbs. reinf. in place, rail steel;
(13) 570 s.y. wire mesh in place, 4x4-in., 7x7 gauge;
(14) 1400 s.y. rdwy., grading, surfacing and placing rdwy. materials, etc.;
(15) 210 c.y. sand and gravel or crushed rock placed in filters;
(16) 2000 sq. yds. exterior wash coat as specified in the architectural specifications;
(17) work as specified in the architectural specifications, lump sum.

SCHEDULE B

(1) 7800 lbs. special hydraulic equipment installed;
(2) 34,000 lbs. special mechanical equipment installed;
(3) 14,700 lbs. pumping equipment installed;
(4) 1800 lbs. electric power equipment installed;
(5) 1000 lbs. dry chemical storage installed;
(6) 340 lbs. chemical mixing equipment installed;
(7) 160,000 lbs. pipe, fittings, valves, etc., installed;
(8) 1400 lbs. floor drains installed;
(9) 29,800 lbs. chemical mixing tanks installed;
(10) 27,600 lbs. overflow launders installed;
(11) 3000 lbs. operating tables, installed;
(12) 7900 lbs. structural steel installed;
(13) 440 lbs. transportation equipment installed;
(14) 70 outlets furnishing equipment and installation of illuminating equipment.

SCHEDULE C

(1) 47,600 lbs. special mechanical equipment installed;
(2) 1320 lbs. pumping equipment installed;
(3) 32,000 lbs. dry chemical storage installed;
(4) 1360 lbs. chemical mixing equipment installed;
(5) 500 lbs. constructing and installing CO_2 generator;
(6) 43,400 lbs. installing pipe, fittings valves, etc.; etc., installed;
(7) 59,600 lbs. installing chemical mixing tanks;
(8) 19,800 pounds installing overflow launders.

Plans and specifications were prepared by the consulting engineers, Quinton, Code and Hill-Leeds & Barnard, Suite 905, Edison Bldg., 601 W. Fifth St., Los Angeles. Copies of the contract documents may be seen at the office of the consulting engineers. Drawings will be available for inspection on January 27. Contract documents may be purchased from the Water Works Department, Santa Barbara, or from the consulting engineers in Los Angeles, for $1.00, and all drawings for $4.00, not returnable. Certified or cashier's check or bid bond for 10% must accompany each bid. Delbert D. Smith, Water Works Superintendent. 53

BIDS WANTED

SACRAMENTO, Cal.—Until Feb. 20, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, Room 203, City Hall, for the construction of two concrete overhead water storage tanks, each having a capacity of 3,000,000 gallons. Estimated cost, $368,000.

One tank will be located on State Fair Grounds and the other near Sacramento Stadium.

Plans and specifications obtainable from the above office.

Henry D. Dewell, 55 New Montgomery St., San Francisco, consulting engineer.

Work will be partially financed by a PWA allocation.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 14, 2 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1510, for furnishing approximately 717 tons of cast iron water pipe.

Bids will be taken as follows:

(1) 109 tons 10- and 12-in. Classes E and F bell and spigot pipe without lugs;
(2) 3 tons 10-in. Class E bell & spigot pipe with lugs;
(3) 488 tons 16-in. Class G bell and spigot pipe without lugs;
(4) 54 tons 16-in. Class G bell and spigot pipe with lugs;
(5) 36 tons 10-in. Class H double spigot pipe with lugs;
(6) 8 tons 16-in. Class H do without lugs;
(7) 19 tons 16- and 20-in. Class H double spigot pipe with lugs.

Specifications obtainable from above office upon deposit of $10.

CONTRACT AWARDED

ANTIOCH, Contra Costa Co., Cal.—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $45,988.15 submitted low bid and awarded contract by Antioch City Council for furnishing 13,550 lin. ft. of 18-in. cast iron pipe and miscellaneous fittings, to be used in the replacement of a 14-in. pipe line from the municipal water works to the reservoir including a new suction line from the water works to the intake in the San Joaquin River. Bids will be called at a later date for an electrically-driven centrifugal pump for the pumping plant. Total cost of the project is estimated at $97,234, and the WPA has approved federal aid in the amount of $33,320.

American Cast Iron Pipe Co. at $47,961.21 submitted the only other bid.

CONTRACT AWARDED

SAN FRANCISCO. — Pacific States Const. Co., 708 Call Bldg., at $25,420.-10 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 104, for laying 6- and 8-in. cast iron mains in the area from Esmeralda to Silver Ave. and from Waterville to Mission Sts.

CONTRACT AWARDED

SAN FRANCISCO. — Lowrie Paving Co., 1540 16th St., at $19,489.20 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 105, for laying 6- and 8-in. cast iron mains in the area from Orizaba Avenue to Rolph Street and from Seneca Ave. to the county line.

CONTRACT AWARDED

ARCADIA, Los Angeles Co., Cal.—Southwest Welding and Mfg. Co., 3201 W. Mission Road, Alhambra, submitted the low bid and was awarded the contract by the Arcadia city council (subject to PWA approval) Jan. 23 at $82,283.49 for construction of a waterworks system. Plans were prepared by the Currie Engineering Co., 219 Andreson Bldg., San Bernardino, consulting engineers.

Total bids follow:

Southwest Welding and Mfg. Co., Alhambra, $82,283.49.

Southern Pipe & Casing Co., Azusa, $83,998.78.

Western Pipe & Steel Co., Los Angeles, $86,331.45.

Consolidated Steel Corp., Los Angeles, $84,421.19.

BIDS WANTED

SACRAMENTO, Cal.—Until Feb. 20, 8:15 P. M., as previously reported, bids will be received by the Sacramento City Council, H. G. Denton, City Clerk Room 203, City Hall, for the construction of two concrete overhead water storage tanks, each having a capacity of 3,000,000 gallons. Estimated cost, $368,000.

One tank will be located on State Fair Grounds and the other near Sacramento Stadium.

The work involves:

(1) Lump sum bid for two tanks;
(2) Additional excavation, per c.y.;
(3) Additional foundation conc., per cubic yard.

Plans and specifications obtainable from the above office.

Henry D. Dewell, 55 New Montgomery St., San Francisco, consulting engineer.

Work will be partially financed by a PWA allocation.

34— PARKS & PLAY-GROUNDS

BIDS WANTED

SAN FANCISCO.—Until Feb. 5, 2:30 P. M., bids will be received by Department of Public Works, Rm. 251, City Hall, for nursery stock, planting, fertilizing and removal of sod and shrubbery at the San Francisco War Memorial, and for all necessary alterations, additions and plumbing connecting with the planting scheme.

Estimated costs follow:

Nursery Stock, etc. $3,250
Plumbing, etc. 4,750

Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $5 for each set of plans.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until Feb. 13, 8 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal 717 for furnishing:

(1) 7,750 service stops;
(2) 5,450 corporation stops.

Specifications obtainable from above office.

WAR DEPARTMENT

FORT MASON, Cal.—Until Feb. 6, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-187, for furnishing 798 general purpose buckets, 10-qt. capacity, and 3,500 ft. low tension cable, single conductor

The supplies are for shipment to the Department Quartermaster, Philippine Dept., Manila, P. I.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until Feb. 13, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-159, for the sale of certain condemned Government property, including anchors, snatch blocks, fire extinguishers, propellers, storage batteries ,air hose, fire hose, discharge hose, scrap brass, iron and steel, chain hoists, etc.

The above articles may be inspected at the U. S. Engineer Storehouse, grounds and wharf, at Rio Vista, and at the District Office, 208 Post Office Bldg., Sacramento.

Information obtainable from above office.

U. S. INDIAN SERVICE

OWYHEE, Nev.—Until Feb. 3, bids will be received by the Supt. Const. Engineer, Indian Service, Billings, Montana, for furnishing 27,246 common bricks; 56 l.f. flue linings; 1,768 fire bricks; 1,026 lbs. fire clay, vitrified clay tile sewer pipe and fittings, for Owyhee, Nev.

Specifications obtainable from above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

STEEL, corrosion-resisting bar; Mare Island. Sch. 7092; Jan. 31.
REFRIGERATING plants and spares, 6; Mare Island. Sch. 7048; Feb. 4.
TRANSMITTERS, shaft, master indicator; repeater indicators, frequency control units, motor generators and spares; Mare Island. Sch. 7036; Feb. 4.
HAMMER, electric driven automatic; Oakland. Sch. 7063; Feb. 4.
CABLE, 10,500 ft. electric; Mare Island. Sch. 7064; Feb. 7.
TREADS, 100 aluminum alloy metallic ladder; Mare Island. Sch. 7086; Feb. 14.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

FORT MASON, Cal.—Until February 11, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-192, for furnishing miscellaneous supplies, including padlocks, wrought iron welded pipe, pipe fittings, globe valves, varnish, paint, red-lead, paint thinner etc.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE — Until February 4, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3121, for furnishing 60,000 bbls. of Bunker C fuel oil, delivered at Balboa between April 1 and April 10, 1936

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco

RECLAMATION SERVICE

BOULDER CITY, Nev.—Until Feb. 18, 2 P. M., bids will be received by the Bureau of Reclamation, Custom House, Denver, Colo., under Spec. No. 765-D for furnishing and delivering fob cars at the shipping point and/or Boulder City, thirty 500-watt, and eighteen 300-watt, inverted-pendant-type outdoor lighting fixtures; twenty 200-watt, pendant-type, outdoor lighting fixtures and 2 heavy-duty steel lighting stand, with pendant brackets, for installation in the Boulder switchyard and power plant, Boulder Canyon Project.

All equipment will be assembled and installed by the Government.

Specifications obtainable from above office without charge to prospective bonda fide bidders; to others, $.50 not returnable.

ARGENTA SIDING, Nevada.—Until February 17, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 764-D for furnishing and delivering fob cars at the shipping point and/or Argenta Siding, Nevada, one ¾-c.y. dragline excavator and two dragline buckets for the Humboldt Project.

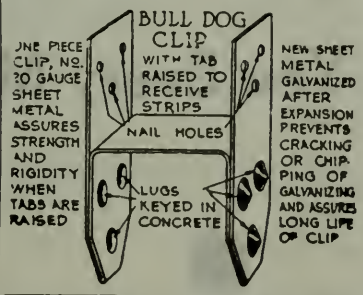
The apparatus and materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.25 not returnable.

BOULDER CITY, Nev.—Until Feb. 20, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 763-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City, miscellaneous metal work and transite for Boulder Power Plant, Boulder Canyon Project.

The materials will be installed by bona fide bidders; to others, $2.00 not returnable.

Specifications obtainable from above office without charge to prospective the Government.



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February 8, 1936

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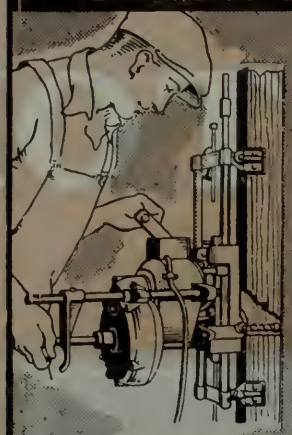

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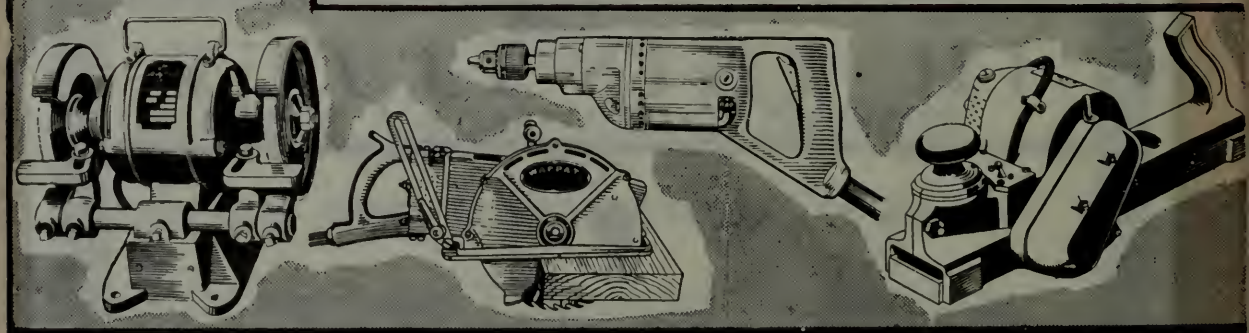

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Vol. XIX SAN FRANCISCO, CALIF., FEBRUARY 8, 1936 No. 6

PLAN $125,000 SCHOOL WORK IN MONTEREY

Two Cities Will Vote On Bond Issues For Building

Two construction bond proposals aggregating $92,000 will be placed before Monterey peninsula voters during the next month, it was announced last week following meetings of the Monterey high school board and the Carmel city council at which special election dates were set.

An $80,000 bond issue is proposed by the Monterey school board to finance reconstruction of the high school, estimated to cost approximately $125,000. Sale of the bonds will be contingent upon approval of a PWA grant to supply the balance of needed funds. The board called a special election for March 3, at which time voters of the district will pass on the proposal.

Plans for the work, which includes rehabilitation of eight high school buildings to bring them into conformity with requirements of the state earthquake safety act, are being prepared by Architect Robert Stanton and Strucural Engineer Richard Ware of Del Monte.

Carmel will vote February 25 on a $12,000 bond proposal to finance purchase of a site and materials for construction of a firehouse. Labor will be supplied by WPA, it is reported.

WRECKING FEE FIXED BY OAKLAND COUNCIL

Oakland City Council has approved an ordinance establishing a fee for wrecking permits and extending the regulation of wrecking operations to include any demolition within the city limits. Heretofore the ordinance has applied to buildings in the fire limits or to those exceeding two stories in height, if outside.

Permit fees are $3 for the first story, $2 for the second story and $1 for each additional story.

Permits will be issued on application to the Bureau of Building Inspection.

$341,600 BID ON S. BARBARA P. O.

WASHINGTON, D. C., Feb. 4. —Sarver & Zoss, Inc., 1915 W. Fourth Street, Los Angeles, today submitted low bid to the U. S. Treasury Department for construction of the Santa Barbara post office. Amount of low proposal was $341,600. Second and third low bids, respectively, were: Robert E. McKee, Los Angeles, $355,500, and Whitaker & Snook, Pasadena, $365,500.

Plans for the building, which will be a two-story and basement structure of reinforced concrete and steel, were prepared by the staff of Treasury Department supervising architect, with R. D. Johnson of Los Angeles as consulting architect.

Residence Building More Than Doubled In U. S. During '35

More than two and one-half times the number of family dwelling units were provided during the year 1935 than in 1934, in all American cities of 10,000 or more inhabitants according to the Federal Home Loan Bank Board.

During 1935 there were 80,969 family dwelling units provided as compared with only 31,343 units in the preceding year and 36,267 units in 1933. A continuation in 1936 of the rate of increase in building which prevailed during 1935 would result in the construction of about 200,000 new dwellings.

In December, 1935, only 5,885 dwelling units were provided. Although this was 30.5 percent under November, it was 3,866 units, or 191 percent greater than in December of 1934, and represented abnormal activity in winter construction.

The estimates are based upon building permit records from approximately 765 cities, available through the United State Department of Labor.

The Bureau of the Census reports 1935 sales of residential mechanical stokers numbered 41,126, as compared with 23,214 in 1934.

MONTH'S PERMITS FOR RESIDENCES TOTAL $439,000

City's Home Building Volume Continues On Up Grade In January

January building in San Francisco continued the brisk pace of recent months, with work to cost $1,029,420 authorized by the Central Permit Bureau of the Department of Public Works, the report of Head Clerk S. J. Rosenblum reveals.

The volume or residential construction, as reflected in permits issued by the bureau, was more than four times that of January last year. Last month 102 permits were issued for frame buildings to cost $439,920, as compared with 38 permits with a total valuation of $105,750 in January, 1935. The frame construction total also is slightly higher than that for the preceding month, when 95 permits with a valuation of $416,718 were issued.

The January total of $1,155,520, which excludes a $126,100 permit for Golden Gate bridge approach structures, compares with $879,317 for January last year.

Largest single contract last month was the $126,464 telephone exchange building at Otis and McCoppin streets, being constructed by Monson Brothers.

The $120,000 Agassiz school, for which Anderson & Ringrose hold the general contract, was the only public building to go on the record last month. The January, 1935, total was swelled by three permits for the Lawton, Visitacion and Bayview schools with an aggregate valuation of $333,257.

Following are the classified totals for the month, compared with 1935:

Class.	Jan., 1935 No. of Pmts	Jan., 1935 Est. Cost	Jan., 1935 No. of Pmts	Jan., 1935 Est. Cost
A	1	$ 156,464	4	$ 38,000
B	2	43,000	1	130,000
C	6	26,500	7	46,000
Frames	102	439,920	38	105,750
Alter.	342	243,536	326	208,489
Public	1	120,000	3	333,257
U. S. Govt.			3	14,821
Total	454	$1,029,420	382	$876,317

SPAN RAILWAY LOAN CONTRACT READY FOR RFC

Mission Street Frontage Chosen As Interurban Station Site

With announcement that contracts for interurban rail service over the San Francisco-Oakland Bay Bridge had been completed, subject to RFC approval, Chief Engineer C. H. Purcell yesterday made public final plans for additional construction on the crossing and in San Francisco preliminary to train operations. Construction contracts will be advertised when negotiations for the additional $10,000,000 financing have been completed.

The contracts provide that the Toll Bridge Authority build a bridge railway and terminal at a cost of $10,440,000, and that these facilities be operated by the existing carriers in consideration that the carriers abandon their ferry services, reduce their existing fares sufficient to collect a toll per passenger for the amortization of the investment without increasing existing fares thereby.

In addition, the contracts provide that the Southern Pacific, Key System and Sacramento-Northern companies transfer to the California Toll Bridge Authority properties and rolling stock needed for the bridge railway to the value of $4,060,000 in consideration for the expending of this sum in altering Key System, Southern Pacific and Sacramento-Northern railway equipment so that it will be suitable for bridge operation.

These contracts follow conferences participated in by legal representatives of the cities of the bay region and the engineers, architects and attorneys for the railroads, and representatives of the California Toll Bridge Authority.

Harrison S. Robinson, president of the financial advisory committee, summarized the effects of the contracts as follows:

"The plans for the San Francisco Terminal contemplates a three-story and basement structure of steel and concrete, 164 feet by 700 feet in plan, between Beale and Second Streets and facing on Mission Street. While due regard is being paid to its appearance, principal consideration is being given to the problem of handling passengers at a rate of 500 per minute without causing congestion. The engineers have solved this problem by providing six tracks with wide platforms. Ramps instead of stairs will be used. The amount of climb is kept to a minimum by keeping the tracks within 20 feet of the street. The street cars will be raised to the level of the second or mezzanine floor, so that the climb from the trolley cars to the track level will be only 12 feet. In addition, the station design provides a large amount of waiting room, concession spaces, and the other conveniences found in modern terminals. Cost of the terminal building and approaches is estimated at $6,300,000.

"The trackwork on the main bridge consists of the rails, ties, and other appliances necessary to support the track.

"It is planned to connect the bridge railway to the present Key System tracks west of the present subway under the Southern Pacific track. From this point the present Key tracks, and their operation in the East Bay cities, will remain as at present. In a similar manner, it is proposed to connect to the Southern Pacific tracks near 26th Street. In connection with the operations, it is necessary to provide a storage yard on the Key Mole, together with the necessary car maintenance buildings.

"The problem of electric distribution has been complicated by the fact that the Southern Pacific operates on 1200 volts, the Key on 600 volts. To change the equipment of either company to permit using a common voltage involved a considerable expenditure. It has been found more economical to provide a third rail at 600 volts for the Key and keep the Southern Pacific operations on an overhead catenary at 1200 volts.

"Throughout the installation, every possible precaution has been taken to promote safety and to make serious accidents impossible. The signal system forms one of the principal safeguards. As designed, all signals are brought into the motorman's cab so that the danger of fog obscuring the usual wayside signals is eliminated. These signals are interlocked with the air brakes, so that the brakes are automatically applied when the track ahead is obstructed for any reason. The sped is also automatically controlled to the safe limits of the different parts of the bridge railway. If a motorman were to leave, or drop dead in his cab no accident could result.

ESTIMATED COSTS OF RAIL SYSTEM

The $15,000,000 estimated cost of constructing an electric railroad system on the San Francisco-Oakland Bay Bridge and the interurban terminal facilities in San Francisco is divided as follows:

San Francisco Terminal and Approach Viaducts		$6,300,000
Trackwork on Main Bridge		640,000
East Bay Storage Yard & Connections		860,000
Connections to S. P. East Bay Lines		600,000
Electrical Dist. System		720,000
Signals and Interlocking		1,320,000
TOTAL Bridge Railway		$10,440,000
Alterations to Equipment and Off-Line Changes		
Key System	$2,470,000	
Southern Pacific	1,536,000	
Sacramento-Northern	54,000	4,060,000
Interest during construction, etc.		500,000
		$15,000,000

STATE OKEHS $2,373,000 S. F. STREET WORK

Works Department Approves Gas Tax And PWA Program

Plans for expenditure of approximately $2,373,000 of State gasoline tax and PWA funds on San Francisco streets have been announced, following approval of the program by Director Earl Lee Kelly of the State Department of Public Works.

Allotment of $1,623,427 for work on seven State highways in the city was approved by Kelly, in addition to the $750,350 PWA and gasoline tax program previously announced by Director William H. Worden of the city works department.

The sum allotted the State highways from gasoline tax fund includes $423,000 for right-of-way acquisition, $12,700 for maintenance work and $15,000 for surveys and plans, leaving a balance of $1,172,727 for construction.

Following are the projects included in the $1,623,427 allotment:

Sloat Blvd.: Route 55, from 39th avenue to 42nd avenue. Grading 0.2 mile of 135-foot roadway, paving 38 feet each side of roadway, $72,607.

Sloat-Skyline Blvd.: Route 55 from 41st avenue to Lake Merced Road. Grading 1.25 miles of 100-foot roadway, paving 60 feet wide $263,500.

San Jose Avenue: Route 2 from Alemany boulevard to south city limits. Two-tenths of a mile widening and paving 20-feet wide on each side, $77,000.

San Jose Avenue: Route 2 from south city limits to Bepler street, Daly City. Two-tenths of a mile widening and paving 20 feet wide on each side, $154,000.

Lombard Street: Near Broderick street to Lyon street near Bay St., Route 2. Grading 0.25 mile of 100-foot roadway, paving 80 feet wide, $206,500.

Presidio Parkway: Route 56 from Fulton street to south boundary of Presidio. Surveys and plans for one mile of grading and paving two 30-foot roadways, $15,000.

State Highway Routes: General maintenance on Routes 2, 68, 55 and 56 until June 30, 1937, $12,700.

All work will be performed by the city, except maintenance of Skyline Blvd., State Highway Rte. 55, which will be handled by the State.

BOARD CERTIFIES THREE ARCHITECTS

The State Board of Architectural Examiners announces provisional certificates for the practice of architecture have been issued to the following: Chester O. Root, Hotel Del Monte; Robert E. Riggs, Route 80, Berkeley; Irving F. Brown, Burlingame.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
169	Firestone	Wagner	2300
170	Home	——	1500
171	Mohr	Owner	3000
172	Mohr	Owner	3000
173	Mohr	Owner	3000
174	Mohr	Owner	3000
175	Osgood	Bernhardt	5000
176	Lachman	Electrical	1900
177	Dovre	Owner	14000
178	Dalt	Tassi	1000
179	Standard	Owner	3500
180	Standard	Owner	3500
181	Standard	Owner	3500
182	Standard	Owner	3500
183	Standard	Owner	3500
184	Richfield	Early	5000
185	Byman	Marshall	5000
186	Depaoli	Lindsay	3500
187	Laren	Owner	3250
188	Hedges	Lindgren	14000
189	Hogrife	Owner	4500
190	Webb	Gray	5000
191	Hogrefe	Owner	4500
192	Hogrefe	Owner	4500
193	Stoneson	Owner	3000
194	Stoneson	Owner	3000
195	Stoneson	Owner	3000
196	Stoneson	Owner	3000
197	Stoneson	Owner	3000
198	Zellerbach	Owner	2000
199	Scheleger	Ragni	1150
200	Malloy	Adams	2000
201	Meyer	Owner	4000
202	Capurro	Owner	19624
203	Calcagno	Owner	3500
204	Herzig	Owner	5500
205	Hoburg	Prout	4000

ALTERATIONS
(169) SE TWELFTH AND MISSION Streets. Alter store.
Owner—Firestone Tire & Rubber Co., % Contractor.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $2300

ALTERATIONS
(170) SW FOURTH AND MARKET Sts., Fourth Floor (Pacific Bldg.) Alter offices.
Owner — Home Owners Loan Corp., Insurance Exchange Bldg.
Engineer—W. H. Ellison, Pacific Bldg. San Francisco.
Contractor—Not Let. $1500

DWELLING
(171) S MONTEREY BLVD. 150 E Foerster St. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 116 9th St., San Francisco.
Architect—Not Given. $3000

DWELLING
(172) S MONTEREY BLVD. 125 E Foerster St. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 116 9th St., San Francisco.
Architect—Not Given. $3000

DWELLING
(173) W MONETA WAY 421 N Farragut St. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 116 9th St., San Francisco.
Architect—Not Given. $3000

DWELLING
(174) W MONETA WAY 447 N Farragut St. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 116 9th St., San Francisco.
Architect—Not Given. $3000

STORES
(175) S TARAVAL ST. 60 E 21st Ave. One-story frame stores and flats.
Owner—Dr. F. Osgood, 927 Taraval St., San Francisco.
Architect—Not Given.
Contractor—Bernhardt & Cowen, 924 Taraval St. $5000

SIGN
(176) 505 BAYSHORE BLVD. Electric sign.
Owner—Lachman Bros., premises.
Architect—Not Given.
Contractor—Electrical Prod. Corp., 255 Golden Gate Avenue. $1,990

ALTERATIONS
(177) SW 18th ST. and Lapidge. Alter lodge hall.
Owner—Dovre Hall Assn., premises.
Architect — F. Amandes, 414 Dewey Boulevard.
Engineer—W. Adrian, care architect. $14,000

ALTERATIONS
(178) 32-42 TURK ST., Dalt Hotel. Alter hotel and store.
Owner—Cypress Lawn Cemetery Association, care contractor.
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market Street. $1,000

DWELLING
(179) N JUDAH 57 E 38th Avenue. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(180) N JUDAH ST. 82 E 38th Ave. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(181) E 38th AVE. 100 N Judah St. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(182) E 38th AVE. 125 N Judah St. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(183) E 38th AVE. 150 N Judah St. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

SERVICE STATION
(184) NW BRYANT and 18th Sts. Class C service station.
Owner—Richfield Oil Co., 248 Battery.
Architect—Not Given.
Contractor — Fred J. Early, Jr., 369 Pine Street. $5,000

ALTERATIONS
(185) 2675 GREEN ST. Alter dwelling.
Owner—L. O. Byman, 74 New Montgomery Street.
Architect—W. W. Wurster, 260 California Street.
Contractor—F. S. Marshall, 799 Ashbury Street. $5,000

DWELLING
(186) W ALEMANY 100 S Theresa. One-story and basement frame dwelling.
Owner—L. Depaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor — Boyd C. Lindsay, 185 Oxford St., San Francisco. $3500

DWELLING
(187) N TWENTY-FIFTH ST. 25 E York St. One-story and basement frame dwelling.
Owner—S. Laren, 365 Ashton St., San Francisco.
Architect—Not Given. $3250

ALTERATIONS
(188) SW STOCKTON AND GEARY Sts. Alter offices.
Owner—Leila Butler Hedges & Emma B. McNear, % Contractor.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St. $14,000

DWELLING
(189) E ALMADEN ST. 100 N Anza St. One-story and basement frame dwelling.
Owner—Herman C. Hogrife, 359 24th Ave., San Francisco.
Architect — John Davis Young, 2002 California St. $4500

DWELLING
(190) N PRADO ST. 95 E Scott St. One - story and basement frame dwelling.
Owner — T. S. Webb, 233 Cervantes St., San Francisco.
Architect—C. O. Clausen, 746 46th Ave. San Francisco.
Contractor—H. E. Gray, 3730 Scott St., San Francisco. $5000

DWELLING
(191) E ALMADEN COURT 155 N Anza St. One-story and basement frame dwelling.
Owner—H. C. Hogrefe, 359 24th Ave., San Francisco.
Architect—Not Given. $4500

DWELLING
(192) E ALMADEN COURT 127 N Anza St. One-story and basement frame dwelling.
Owner—H. C. Hogrefe, 359 24th Ave., San Francisco.
Architect—Not Given. $4500

DWELLING
(193) E CAYUGA ST. 35 N Mount Vernon St. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(194) N MOUNT VERNON 55 W Rome St. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(195) E CAYUGA ST. 60 N Mount Vernon St. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(196) N MOUNT VERNON ST 30 W Rome St. One-story and basement frame dwelling.

Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(197) N MOUNT VERNON ST. 80 W Rome St. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(198) NO. 32 CLAY ST. Alter loft building.
Owner — Zellerbach-Levison Co., 465 California St., San Francisco.
Architect—Not Given.
Contractor—Segregated Contracts and day labor. $2000

ALTERATIONS
(199) NO. 625 BRUNSWICK STREET Alter dwelling.
Owner—Frank Schleger, 56 Alp Street, Daly City.
Architect—Not Given.
Contractor—Joseph Ragni, 413 Bellevue St., Daly City. $1150

ALTERATIONS
(200) NO. 2720 FILBERT STREET. Alter dwelling.
Owner—Miss Malloy, Premises.
Architect —Not Given.
Contractor—Adams Bros., 2218 21st Ave., San Francisco. $2000

DWELLING
(201) NW JUANITA ST. 130 SW Fowler St. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr., San Francisco.
Architect—Not Given. $4000

MARKET AND OFFICES
(202) SE COLUMBUS AVE. AND Green St. Two-story Class C market and offices.
Owner—Joseph A. Capurro, 874 Green St., San Francisco.
Architect — Martin Rist, 944 Phelan Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco. $19,624

DWELLING
(203) E FOLSOM ST. 100 S Powhattan St. One-story and basement frame dwelling.
Owner—F. J. Calcagno, 3619 Folsom St., San Francisco.
Architect—Not Given. $3500

DWELLING
(204) W PARAISO ST. 120 N Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd., San Francisco.
Architect—Not Given. $5500

DWELLING
(205) S SANTA RITA 50 W Sotelo St. Two-story and basement frame dwelling.
Owner—Wm. H. Hoburg, % Contractor.
Architect—Harold G. Stoner, % Contractor.
Contractor—J. Prout, 2530 Fillmore St., San Francisco $4000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
72	Southern	Owner	1144
73	El Dorado	Independent	40000
74	Dellman	Owner	2500
75	General	Owner	2000
76	Associated	Owner	6000
77	Saustrom	Coats	3900
78	Cotroneo	Waldman	3350
79	Calsen	Tollefsen	4000
80	Medical	Schneck	1200
81	Slater	Millar	4000
82	Cave	Haskell	4445
83	Bussenius	Owner	5500
84	Arnold	Beckett	3000
85	McReynolds	Waldman	6000
86	Longfellow	Allen	5500
87	Conlon	Ungaretti	8797
88	Philadelphia	Owner	1200
92	Strickler	Beckett	7500
93	Kools	Owner	2550
94	L & O	Cahill	40000
95	Malnick	Petersen	2500
96	Standard	Independent	1800
97	Ryberg	Walker	5000
98	Bryant	Roby	1400
99	Nunes	Owner	2900
100	Salonites	Owner	4000
89	Scammell	Owner	5000
90	Mathern	Capital	2000
91	Nicholson	Nicholson	3000
101	Brandenburg	Daley	1800
102	Van Linge	Hayes	3375
103	Oakland	Owner	1600
104	Vaughn	Bernard	4600
105	Elkus	Bradhoff	1000
106	Fifield	Ungaretti	7350
107	Long	Owner	4000
108	Uthoff	Moen	4200
109	Dowling	Owner	1900
110	Whalen	Owner	4000

ADDITION
(72) N SEVENTH ST. 600 E Fallon St., **OAKLAND.** Addition to warehouse.
Owner—Southern Pacific Co., Oakland Pier.
Architect—Not Given. $1144

MILL BLDG.
(73) FOOT OF ADELINE STREET, **OAKLAND.** One-story mill bldg.
Owner—El Dorado Oil Works, Prem.
Architect—L. M. King, 3rd St. and University Ave., Berkeley.
Contractor—Independent Iron Works, 821 Pine St., Oakland. $40,000

DWELLING
(74) NO. 6324 CROWN AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner—Bruce Dillman, 322 40th St. Oakland.
Architect—Not Given. $2500

STATION
(75) NO. 298 MOSS AVE., **OAKLAND** One-story steel service station.
Owner—General Petroleum Corp., Pier and Ferry Sts., Oakland.
Architect—Not Given. $2000

STATION
(76) NO. 1400 SHATTUCK AVENUE, **BERKELEY.** One-story 6-room service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given. $6000

DWELLING
(77) NO. 27 MORRELL COURT, **OAKLAND.** One-story five-room dwelling.
Owner—J. D. Saustrom, Coronado St Oakland.
Architect—Not Given.
Contractor — Phillip L. Coats, 2837 Foothill Blvd., Oakland. $3900

DWELLING
(78) NO. 5878 MARSHALL STREET, **OAKLAND.** One-story five-room dwelling and one-story garage.
Owner—F. Cotroneo, Watsonville.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $3350

DWELLING
(79) NO. 3142 BROOKDALE AVE., **OAKLAND.** One-story five-room dwelling.
Owner—C. Calsen, 3033 Bartlett St., Oakland.
Architect—Not Given.
Contractor—C. Tollefsen, 3311 E-17th St., Oakland $4000

ALTERATIONS
(80) NO. 411 THIRTIETH AVENUE, **OAKLAND.** Alterations.
Owner—Medical Center Bldg.
Architect—Not Given.
Contractor—A. W. Schneck, 3127 Herriott Ave., Oakland. $1200

DWELLING
(81) NO. 27 POPLAR ST., **BERKELEY.** One-story six-room frame dwelling.
Owner—C. W. Slater, 1880 San Antonio St., Berkeley.
Architect—Not Given.
Contractor—Millar White Constr. Co. $4000

DWELLING
(82) NO. 467 KENTUCKY STREET, **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner—Roy C. Cave.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—A. A. Haskell, 255 Ridgeway, Oakland. $4445

DWELLING
(83) NO. 820 PORTAL AVENUE, **OAKLAND.** Two-story 7-room dwelling.
Owner—R. R. Bussenius, 1130 Ranleigh Way, Piedmont.
Architect—Chester H. Treichel. $5500

ALTERATIONS
(84) NO. 80 BAYO VISTA AVENUE, **OAKLAND.** Alterations.
Owner—Geo. J. Arnold.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $3000

DWELLING
(85) NO. 591 VALLE VISTA AVE., **OAKLAND.** Two-story 7-room dwelling.
Owner—Lola and John McReynolds, 817 Erie St., Oakland.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $6000

DWELLING
(86) NO. 6048 CHELTON DRIVE, **OAKLAND.** Two-story six-room dwelling.
Owner—E. Longfellow.
Architect—F. H. Slocombe.
Contractor — Allen & Allen, 3471 Laurel Ave., Oakland. $5500

DWELLING
(87) NO. 1800 MELVIN RD., **OAKLAND.** Two-story seven-room dwelling.
Owner — M. T. Conlon, 1700 Trestle Glen Road, Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland. $8797

TANK
(88) NO. 725 GRAYSON ST., **BERKELEY.** Tank and supports.
Owner—Philadelphia Quartz Co., 725 Grayson St., Berkeley.
Architect—Not Given. $1200

DWELLING
(89) NO. 2532 CASTELLO STREET, **OAKLAND.** One-story six-room dwelling.
Owner—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5000

ALTERATIONS
(90) NO. 2500 SHATTUCK AVENUE, **BERKELEY.** Alterations.
Owner—G. A. Mathern.
Architect—Not Given.
Contractor—Capital Co., 625 Market St., San Francisco. $2000

DWELLING
(91) NO. 1399 ACTON ST., **BERKELEY.** One-story 5-room frame dwelling.
Owner — R. Nicholson, 550 Blossom Way, Berkeley.
Architect—Not Given.
Contractor — D. W. Nicholson, 550 Blossom Way, Berkeley. $3000

RESIDENCE
(92) NO. 601 BLAIR AVE., **PIEDMONT.** Two-story six-room residence and garage.
Owner—L. H. Strickler, 411 Pala Ave., Piedmont.
Architect—Ed. L. Snyder, 2100 Shattuck Ave., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $7500

DWELLING
(93) NO. 2614 EAGLE AVENUE, **ALAMEDA.** One-story 5-room frame and stucco dwelling.
Owner—Abram Kools, 619 Haight Ave. Alameda.
Architect—Not Given. $2550

THEATRE
(94) NO. 2519-21-23 SANTA CLARA Ave., **ALAMEDA.** Concrete theatre building.
Owner—L. & O. Theatres, 333 Montgomery St., San Francisco.
Architect — S. Charles Lee, 2404 W. Seventh St., Los Angeles.
Contractor—Cahill Bros., 206 Sansome St., San Francisco. $40,000

ADDITION
(95) 3751 E 14th ST., **OAKLAND.** Addition.
Owner—J. Malnick, premises.
Architect—Not Given.
Contractor—J. B. Petersen and Son, 4025 Agua Vista Ave., Oakland. $2500

SERVICE STATION
(96) 1948 OXFORD ST., **BERKELEY.** One-story one-room steel service station.
Owner—Standard Stations, Inc.
Architect—Not Given.
Contractor—Independent Iron Works, 821 Pine St., Oakland. $1800

DWELLING
(97) 520 GRIZZLY PEAK Boulevard, **BERKELEY.** Two-story 7-room frame dwelling.
Owner—J. E. Ryberg, 732 Nielson St., Berkeley.
Architect—E. L. Snyder.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $5,000

ADDITIONS
(98) 1728 CEDAR ST., **BERKELEY.** Additions.
Owner—Walter Bryant, 1521 Sacramento Street.
Architect—Not Given.
Contractor—L. L. Roby, 1920 5th Ave., Oakland. $1400

DWELLING
(99) NO. 1375 SIXTY-SECOND AVE. **OAKLAND.** One-story five-room dwelling.
Owner—John Nunes, 1351 62nd Ave., Oakland.
Architect—Not Given. $2900

STORE
(100) 3823 HOPKINS ST., **OAKLAND** One-story store.
Owner—Milton Salonites, 1659 E-33rd St., Oakland.
Architect—Not Given. $4000

SIGN
(101) NO. 5662 COLLEGE AVENUE. **OAKLAND.** Electric sign.
Owner—M. Brandenburg. Premises.
Architect—Not Given.
Contractor—Daley Bros., 4221 Horton St., Emeryville. $1800

DWELLING
(102) 2250 EIGHTY-THIRD AVE., **OAKLAND.** One-story five-room dwelling.
Owner—S. L. Van Linge.
Architect—Not Given.
Contractor—Lewis E. Hayes, 1830 66th Ave., Oakland. $3375

DISPENSARY
(103) OAKLAND MUNICIPAL GOLF Links, **OAKLAND.** One-story 2-room dispensary.
Owner — Oakland Recreation Dept., City Hall.
Architect—Not Given. $1600

DWELLING
(104) NO. 726 KEELER AVENUE. **BERKELEY.** Two-story 5-room frame dwelling and garage.
Owner—R. Vaughn.
Architect—Not Given.
Contractor—W. Vernon Bernard, 227 San Carlos St., El Cerrito. $1600

ALTERATIONS
(105) NO. 1209 SHATTUCK AVE., **BERKELEY.** Alterations.
Owner—A. Elkus, Premises.
Architect—Not Given.
Contractor—C. A. Bradhoff, 911 55th St., Oakland. $1000

DWELLING
(106) 1832 MELVIN ROAD, **OAKLAND.** Two-story 6-room dwlg.
Owner—A. D. Fifield, 459 35th Street, Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor — Charles Ungaretti, 1727 Foothill Blvd., Oakland. $7350

ADDITION
(107) NO. 343 TENTH STREET, **OAKLAND.** One-story brick addition.
Owner—Wm. Long, 343 10th St., Oakland.
Architect—Not Given. $4000

DWELLING
(108) NO. 6126 MONADNOCK WAY, **OAKLAND.** One-story six-room dwelling and one-story garage.
Owner—W. Uthoff, 1611 78th Avenue, Oakland.
Architect—Not Given.
Contractor—O. L. Moen, 4201 E-16th St., Oakland. $1200

STORE BLDG.
(109) NO. 2840 SACRAMENTO ST., **BERKELEY.** One-story frame store building.
Owner—Geo. F. Dowling, 421 Lagunitas St., Oakland.
Architect—Not Given. $1900

DWELLING
(110) NO. 2250 CARLTON STREET, **BERKELEY.** One-story 6-room frame dwelling and garage.
Owner — J. F. Whalen, 161 Lee St., Oakland.
Architect—Not Given. $4000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
13	Mancuso	Miller	5973
14	Worth	Akard	3651
15	Patterson	Galway	2827

DWELLING
(13) SE COLLEGE AVE. and Crescent Ave. All work for erection and completion of one-story and basement frame dwelling except lathing, plastering and exterior cementing.
Owner—Dr. R. S. Mancuso, % contractor.
Architect—D. E. Jaeckle, 126 Post St.
Contractor—Miller and McGillis, 527 19th Street.
Filed, Jan. 30, '36. Dated Jan. 25, '36
Frame up $1,493.25
Brown coated 1,493.25
Completed and accepted 1,493.25
Usual 35 days 1,493.25
TOTAL COST, $5,973.00
Limit, 90 working days. Plans and Specifications filed.

ALTERATIONS
(14) 554 BRYANT ST. Alterations as described in architect's plans.
Owner—C. A. Worth & Co., 145 Main.
Architect—F. W. Dakin, 625 Market.
Contractor—W. C. Akard, 225 Cervantes Boulevard.
Filed, Jan. 31, '36. Dated, Jan. 31, '36.
Office and front wall framed ready for finish ..... $ 913.00
Concrete floor completed 913.52
Completed and accepted 912.52
Usual 35 days 913.00
TOTAL COST, $3,651.52
Forfeit, $10 per day. Limit, 45 working days. Plans and Spec. filed

ALTERATIONS
(15) NO. 2355-57 JONES ST. All work for remodeling flats into (1) apartments.
Owner—Lora D. Patterson.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor — Robert L. Galway, 2071 Sutter St., San Francisco.
Filed Feb. 3, '36. Dated Feb. 1, '36.
On 27th of each month 75%
Usual 35 days ..... Balance
TOTAL COST, $2827.50
Bond, none. Limit, 35 working days. Forfeit, $2.50 per day. Plans and specifications filed.

BUILDING CONTRACTS

ALAMEDA COUNTY

12	Graeser	Schulz	10250
12	Fifield	Ungaretti	7350

RESIDENCE
(12) LOT 10 BLK D, Montclair Acres Oakland. All work for eight-room frame and stucco residence.
Owner—Dr. Jos. B. Graeser, 2706 Claremont Road, Berkeley.
Architect — Michael Goodman, 2163 Center St., Berkeley.
Contractor—H. K. Schulz, 811 Mendocino St., Berkeley.
Filed Jan. 30, '36. Dated Jan. 8, '36.
Frame up $2562.50
Roof on 2562.50
When completed 2562.50
Usual 35 days 2562.50
TOTAL COST, $10,250.00
Bonds (2) performance, $5125; labor and material, $5125. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit. plans and specifications, none

RESIDENCE
(12) MELVIN ROAD, Oakland. Residence.
Owner—A. D. Fifield.
Architect — Chester H. Treichel, 696 Cleveland St., Oakland.
Contractor—Chas. Ungaretti and Son, 1727 Foothill Blvd., Oakland.
Filed Feb. 1, '36. Dated Feb. 1, '36.
Frame complete 25%
Brown coated 25%
Completion 25%
Usual 35 days 25%
TOTAL COST, $7,350.00
Limit, 85 days. Plans and Specifications filed.

SAN FRANCISCO UNDER $1000

SIGN, electric, $85; 2330 Taylor St.; owner, M. B. Cafe. Prem.; contractor, Laib, 7th and Folsom Sts

SIGN, electric, 2308 Clement Street owner, Dettman Co., Premises contractor, Pioneer Elec. Co., 79 Van Ness Ave. South

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Prepared

APARTMENTS Cost, $——
SAN FRANCISCO. Marina District.
Three - story and basement frame and stucco apartments (18 2- and 3-room apts.) composition roofing, steam heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—R. R. Irvine, 3431 Market.
Bids will be asked in about 2 weeks.

3— CHURCHES

Plans Being Refigured.

CHURCH Cost, $——
LAGUNITAS, Marin Co., Calif.
One-story frame and stone church.
Owner—Sacred Heart Church.
Architect—E. A. Eames, 353 Sacramento St., San Francisco.
About one week will be allowed for figuring the plans. *

Plans Being Figured—Bids Close Feb. 11th.

ALTERATIONS Cost, $3,000
HEALDSBURG, Sonoma Co., Calif.
Alterations to church building.
Owner—Presbyterian Church, Healdsburg.
Architect—John I. Easterly, Healdsburg and Santa Rosa.
Following will submit bids:
L. N. Kirkpatrick, 415 Grant Street, Healdsburg.
Heitz & Witter, Healdsburg.
Grigsby Brothers, 451 Center Street, Healdsburg.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded

FACTORY Cost, $50,000
NAPA, Napa Co., Calif. Soscol Ave.
One-story Class C factory (100x400 ft.) concrete walls, wood interior skylights, etc.
Owner—Rough Rider Mfg. Co. (Nathan Rothman, Prop.) 175 12th St., San Francisco.
Engineer—W. W. Hanscom, 848 Clayton St., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Structural Steel & Miscellaneous Iron—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Hardwood Floors — Inlaid Floor Co., 660 Alabama St., San Francisco.
Sheet Metal—H. H. Swartz, Napa.
Lumber—Noyes Lbr. Co., Napa.
Concrete Mix—Basalt Rock Co., Napa.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Streets, San Francisco.
Mill Work — Pacific Mfg. Co., Santa Clara.
Steel Rolling Doors—D. A. Pancoast, 26 O'Farrell St., San Francisco.

Sub-Contracts Awarded

TRUCK TERMINAL Cost, $20,000
SAN FRANCISCO. Brannan Street between Fifth and Sixth Streets.
Truck terminal (conc. platform) steel rolling doors, shed with steel frame, corrugated iron office bldg. storeroom, repair shop, etc.; wood studs).
Owner—Redline Transfer Company.
Engineer—Ellison and Russell, Pacific Building.
Contractor—Barrett & Hilp, 918 Harrison Street.
Roofing—Alta Roofing Co., 976 Indiana Street.
Glass—Arthur Goepp, 70 12th Street.
Corrugated Iron—Federal Supply Co.
Structural Steel & Miscellaneous Iron—Mortenson Const. Co., 608 Indiana Street.
Fencing — Standard Fence Company, 440 Bayshore Blvd.
Hardware—E. M. Hundley, 662 Mission Street.
Plumbing—Dowd-Welch, 3516 16th So.
Steel Rolling Doors—Kinnear Mfg. Co 361 Brannan Street.
Steel Sash—Soule Steel Co., 1750 Army Street.
Reinforcing Steel—W. C. Hauck and Co., 280 San Bruno Avenue.

Planned.

APARTMENTS Cost, $15,000
CARMEL, Monterey Co., Calif. Casanova and Ocean.
Apartment building.
Owner—Mrs. Ethel P. Young, Pebble Beach.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.
(8838) * 1

February 4, 1936

Planned

CANNERY Cost, $30,000
EXETER, Tulare Co., Calif.
Fig Cannery.
Owner—Exeter Kadota Fig Assn. (E. J. Firebaugh, Secretary) Exeter.
Architect—Not Given.

GENERAL CONTRACT AWARDED

LOS ANGELES, Cal.—Wm. P. Nell Co., 4671 E 49th St., awarded general contract by the Santa Fe railway for construction of a new freight house on Santa Fe Ave. between 3rd and 4th Sts., for use of the National Carloading Corp. Cost, $45,000. Plans prepared by the owner's architectural department.

Plans Beng Figured

ROOF, ETC. Cost, $3,000
WINSOR, Sonoma Co., Calif.
New roof construction and roofing at Winery (K. M. split sheet roofing)
Owner—Sonoma County Co-operative Winery, Winsor.
Architect—John Easterly, 320 Grant St., Healdsburg.

5— FLATS

Contract Awarded.

ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 540 Tenth St.
Alterations to warehouse.
Owner—American Rolling Mill Co., 540 Tenth St., San Francisco.
Architect—Not Given.
Contractor—George Wagner, 181 South Park, San Francisco.

Segregated Bids Being Taken

FLATS Cost, $——
SAN FRANCISCO. Telegraph Hill.
Two - story and basement frame and stucco flats (two 4-room flats) tar and gravel roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Fabre and Hildebrand, 110 Sutter Street.

Sub-Contracts Awarded

FLATS Cost, $10,000
STOCKTON, San Joaquin Co., Calif. 409-15 East Flora Street.
Two-story frame and stucco flats (4 flats).
Owner—H. W. Bennett.
Architect—Not Given.
Contractor—T. E. Williamson, P. O. Box 93, Stockton.
Plumbing and Sheet Metal—A. D. Ray 735 E Lafayette St., Stockton.
Lumber—San Joaquin Lumber Co., P. O. Box 71, Stockton.
Concrete—D. J DePauli, 982 Pleasant Ave., Stockton.
Reinforcing Steel—Kyle & Co., West's Lane, Stockton.

Plans Being Completed

APARTMENTS Cost, $16,000
SAN FRANCISCO. N Taraval 57.6 W 24th Avenue.
Three-story and basement frame and stucco apartments (four 4 - room apartments) tile and composition roofing, steel sash, canvas walls, tile baths, hardwood floors, electric refrigeration, etc
Owner and Builder—Peter Vukicevich, care architect.
Architect—R. R. Irvine, 3431 Market.
Construction will start in about two weeks. *

6—GARAGES & SERVICE STATIONS

Steel Contract Awarded

SERVICE STATION Cost, $2,000
BERKELEY, Alameda Co., Calif. 1948 Oxford Street.
One-story steel service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Steel — Independent Iron Works, 821 Pine St., Oakland.

BIDS OPENED

TUOLUMNE COUNTY, Cal.—Hetch Hetchy Power Divison (Public Utilities Commission) at $2,089.83 submitted low bid to Public Utilities Commission, Room 287, City Hall, San Francisco, under Hetch Hetchy Water Supply Contract No. 157, for the construction of a five-car garage at the Moccassin Power House, Tuolumne County. Structure will be 22x53 feet, of wood frame construction with concrete foundations, concrete floor and apron; cement plaster exterior with stucco finish; stall partitions and a 10-ft. wide concrete apron extending the length of the building.

Complete bids follow:

Hetch Hetchy Power Division (Public Utilities Comm.)	$2,089.83
L. Ubels, Ripon	2,220.00
MacDonald & Kahn, S. F.	3,066.00
Underground Const. Co., Ltd. Berkeley	3,699.00
A. Soda & Son, Oakland	3,708.60
Hanson Bros., San Francisco	3,895.00

7— FEDERAL BUILDINGS

Excavation Contract Awarded
POST OFFICE Cont. Price, $70,430
MADERA, Madera Co., Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Excavation—R. W. Brown, Madera.
Other awards will be made shortly.

CONTRACT AWARDED
MONTEBELLO, Los Angeles Co., Cal.—John Hutter, Los Angeles, at $269 awarded contract by Treasury Department for plaster models of the U. S. Post Office for Montebello

CONTRACT AWARDED
YUMA, Arizona—O. J. McCrorey, P. O. Box 302, Yuma, Ariz., at $538.57 awarded contract by Treasury Department for new galvanized iron roof for the Customhouse at Yuma, Ariz.

CONTRACT AWARDED
REDDING, Shasta Co., Cal.—Lombard & Ludwig, Washington, D. C., at $56 awarded contract by Treasury Department for plaster models for the U. S. Post Office at Redding.

Complete Bids.
POST OFFICE Cost, $650,000
SPOKANE, Washington.
Four-story reinforced concrete Post Office Building (189x107 feet; loading platform, 99x84 feet).
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington.
Low Bidder — A. D. Belanger, 222 Westlake Ave., N. Seattle.
Complete bids follow:
A. D. Belanger, Seattle.....$644,888
Sheble Constr. Co., Seattle..... 649,970
Consolidated Eng. Co., Tacoma 669,570
Sound Constr. Co., Seattle..... 698,500
Alloway & Georg, Spokane..... 788,313
Bid held under advisement.

BIDS WANTED
SAN FERNANDO, Los Angeles Co., Cal.—Until Feb. 20, bids will be received by the Custodian, U. S. Post Office, San Fernando, for sidewalks, and coping at the U. S. Post Office, San Fernando.

BIDS WANTED
OCEANSIDE, San Diego Co., Cal.—Until February 11, bids will be regle tile roof, tile floor, marble walls in lobby, metal skylights, vaults, steam heat, service elevator, pavement in courtyard, etc.
ceived by the Custodian, U. S. Post Office, Oceanside, for painting exterior concrete of the Post Office at Oceanside.

Low Bidder
POST OFFICE Cost, $445,000
SANTA BARBARA, Cal. Canyon Perdido and Anacapa Streets.
Two - story and basement post office building (170x170 feet) reinf. concrete and steel construction, shin-
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Consulting Architect—R. D. Johnson, Architects' Bldg., Los Angeles.
Low Bidder—Sarver & Zoss, Inc. 1015 W 4th St., Los Angeles.
Three low bids follow:
Sarver & Zoss, Inc., L. A.....$341,600
Robert E. McKee, L. A..... 355,500
Whitaker & Snook, Pasadena.. 365,500

CONTRACT AWARDED
SAN DIEGO, Calif.—Otis Elevator Co., 300 E 8th St., Los Angeles, was awarded contract by Bureau of Yards and Docks at $21,990 (Item No. 1) for modernizing five electric passenger elevators at the Naval Hospital, San Diego. The work includes changing from manual to automatic push-button control, replacing existing winding machines and motors, providing new automatic self - leveling devices and door closers, and replacing some of the existing hoistway doors and car gates.

BIDS OPENED
SAN FRANCISCO—Thos. M. Jones, 643 29th Ave., at $1482 submitted low bid to Custodian, U. S. Post Office, for new partition at the Post Office, Seventh and Mission Sts. Complete bids follow:
Thomas M. Jones.....$1482
Nick Hemminga 1582
J. A. Tassi..... 1965
Bids referred to Washington for award.

BUILDING MATERIALS APPROVED
WHITTIER, Los Angeles Co., Cal.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. post office at Whittier. L. F. Dow Co., Los Angeles, general contractor:
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountain, Halsey-Taylor Co.; water supply pipe, Revere Brass & Copper Co.; pressure reducing valve on water supply, Watts Regulator Co. gas burning water heater, Bryant Mfg. Co.; relief valve, Mueller Co.; back water valve, Zurn Mfg. Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Co.; sump pump, Chicago Pump Co.; boiler, Kewanee Boiler Co.; tube and wall radiators, U. S. Radiator Co.; oil and gas burners, Ray Oil Burner Co.; nonconducting covering for heatng, Plant Rubber & Asbestos Co.; angle radiator valves Marsh Valve Co.; air valves for radiators, Hoffman Specialty Co.; air valves for ends of steam mains, Dole Valve Co.; hangers, Grabler Mfg. Co.; oil heater, Excelso Prod. Corp.

BUILDING MATERIALS APPROVED
NEWBERG, Oregon.—Treasury Department approved following building material and equipment awards for the construction of the U. S. post office at Newberg, Ore. H. J. Settergren, Portland, general contractor:
Nonconducting covering for plumbing, Plant Rubber & Asbestos Co. in lieu of make previously approved; sump pump, Pacific Pumping Co.; boiler, Kewance Boiler Corp.; wall radiators, Crane Co.; non - conducting covering for heating, Plant Rubber & Asbestos Co. in lieu of make previously approved.

BIDS WANTED
PEARL HARBOR, T. H.—Bids are being received by Public Works Officer, Fourteenth Naval District, Pearl Harbor, for construction of twenty-five quarters at the Fleet Air Base, Pearl Harbor, T. H. Specification No. 8113. Date of opening bids will be set shortly.
Plans and specifications may be obtained from above office and from Commandant, 12th Naval District, 100 Harrison St., San Francisco, upon deposit of $25.

9— HOSPITALS

PLANNED
RIVERSIDE COUNTY, Cal.—Woodrow Wilson Memorial Institute contemplates erecting a tuberculosis sanitarium two and one-half miles southeast of Cajalco reservoir, Riverside County Program provides for the construction of 778 cottages, ach to accommodate from five to eight patients. According to E. Y. Porter, one of the trustees of the institute, 3573 Ramona Dr., Riverside, application has been made to the WPA for partial financing.

CONTRACT AWARDED
LONG BEACH, Los Angeles Co., Cal.—C. J. Kubach-Snyder Co., 2225 E. 37th St., Los Angeles, awarded contract at $253,178 for the complete construction, except electrical work, of a Class A hospital building at the orner of Tenth St. and Linden Ave., Long Beach, for the Sisters of Charity of the Incarnate Word, 1060 Linden Ave., Long Beach. I. E. Loveless 102 S. Robertson Blvd., Beverly Hills, architect. The main building will be a four-story structure, 126x147 feet in area, and will provide 65 beds, office, laboratory, pharmacy, dining rooms, kitchen and surgical foyer, reinforced concrete construction, mould stone ornamentation, steam heat, steel sash tile work, elevator, etc. A reinforced concrete laundry building, 30x51 feet in area, will be built on the site

BIDS OPENED
SANTA MARIA, Santa Barbara Co. Cal.—Robert D. Patterson, 1911 San Andres St., Santa Barbara, submitted low normal bid to the Santa Barbara county supervisors at $34,900, for the construction of improvements at the branch county hospital in Santa Maria, a PWA project. Using alternates, the Doane Building Co., 800 W. Main St., Santa Maria, was low at $36,775. Other normal bids were: F. C. Stolte, $36,700; Nels Oakerson, $36,990. Rudolph A. Polley, 611 E. Cypress St., Santa Maria, architect.

Planned
HOSPITAL Cost, $——
LAKEPORT, Lake Co., Calif.
Community hospital.
Owner—City of Lakeport (Howard Crawford, Mayor) Lakeport.
Architect—Not Given.
A building committee composed of the following have been appointed to discuss ways and means of financing the proposed project: Chas. Kuppinger, Dr. C. W. Leach, Dr. Chas. Craig, Mrs. Elizabeth Melvin, Wm. F. Rood and A. D. Lobingier.

One-story reinforced concrete laundry building (clay tile roofing).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor — Louis A. Geisler 6212 Midleton St., Huntington Park.
Plumbing and Heating — J. A. Fazio, 2059 Webster St., Oakland, $12,234
Electric—Moore Electric Co., 321 W. Third St., Los Angeles, $3756.
Complete bids published Jan. 29.

Bids Wanted—To Close Feb. 15, 10 A. M.
HOSPITAL Cost, $55,000
VISALIA, Tulare Co., Calif. Mineral King Ave. and Baker Street.
One-story brick hospital.
Owner—City of Visalia.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Plans and specifications may be obtained from the City Clerk, Visalia.

Contract Awarded.
HOSPITAL Cont. Price, $85,647
RED BLUFF, Tehama Co., Calif.
One- and two-story and large basement hospital (concrete exterior walls, wood floors, wood roof construction with composition covering, steam heating plant, etc.
Owner—County of Tehama.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor—C. H. Dodd, 1206 Buena Vista Ave., Stockton.
Complete bids published Jan. 16.

Bids Opened

WARD Cost, $100,000
NORWALK, Los Angeles Co., Calif. State Hospital.
Two - story reinforced concrete ward building (to accommodate 100 patients) tile roof, tile partitions, steam heating system from central plant, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Low bids follow:
General Work—L. F. Dow, 1243 25th St., Santa Monica, $77,747.
Heating and Ventilation—J. Herman Co., 1349 E Vernon Avenue, Los Angeles, $7,800.
Electric—Norton & Norton Elec. Co., 1375 N. Broadway, Los Angeles, $2,470.
Plumbing—F. C. Schilling, 3215 Beverly Blvd., Los Angeles, $4,954.
Complete bids follow:

General Work

L. F. Dow, Santa Monica	$77,747
Robt. E. McKee, Los Angeles	79,600
Cresmer Mfg. Co., Riverside	82,000
C. Haverlandt, Long Beach	82,985
L. A. Geisler, Huntington Park	84,285
Andy Sordal, Long Beach	85,344
Person and Hollingsworth Co., Los Angeles	86,225
Duff & Vanderhogan, L. A.	86,666
Carlo Bongiovanni, Hollywood	87,770
Los Angeles Contracting Co. & C. G. Wopschall, L. A.	89,900
Byerts & Dunn, L. A.	92,532

Electric

Norton and Norton Elec. Co., Los Angeles	$ 2,470
Coast Electric Co., L. A.	2,779
H. H. Walker, L. A.	2,842
Moore Electric Co., L. A.	3,156
Newberry Elec. Co., L. A.	3,216
Quality Electric Co., L. A.	3,219
Seaside Electric Co., Ventura	3,343
Bennett & Taylor, L. A.	3,534

Heating and Ventilating

J. Herman Co., Los Angeles	$ 7,800
Yale Ridell Co., Los Angeles	7,927
Johnson & Washer, L. A.	7,979
Howe Bros., Los Angeles	9,278
Harry Barkelew, L. A.	9,773

Plumbing

F. C. Schilling, L. A.	$ 4,954
Ora King, South Pasadena	4,884
Johnson & Washer, L. A.	5,226
Howe Bros., Los Angeles	5,748
C. E. Ross, Long Beach	5,890
Harry Barkelew, Los Angeles	6,389
J. A. Fazio, Oakland	6,998

Contracts Awarded.

LAUNDRY Cont. Price, $39,434
CAMARILLO, Ventura Co., Cal. State Hospital.

BIDS OPENED

SAN FRANCISCO.—N. Hemmings, 627 38th Ave., at $800 submitted low bid to Custodian, U. S. Marine Hospital, for additional sun porch at Officers' Quarters No. 11, Marine Hospital, 14th Ave. and Lake Street.
Complete bids follow:

Nick Hemminga	$ 800
H. L. Petersen	1,052
R. S. Silverberg	1,168

Bids held under advisement.

10— HOTELS

Contract Awarded

ALTERATIONS Cost, $20,000
WATSONVILLE, Santa Cruz Co., Cal. Wall Street and Van Ness Ave.
Alterations to Appleton Hotel.
Owner—Appleton Hotel.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Contractor—Thos. Rosewall, 422 Third St., Watsonville.

Contracts Awarded.

ALTERATIONS Cost, $——
SAN FRANCISCO. No. 1278 Market Street.
Alterations to Domo Hotel.
Owner—F. C. Hotaling.
Architect—J. E. Krafft & Son, Phelan Bldg., San Francisco.
Carpentry—G. P. W. Jensen, 320 Market Street.
Heating—A. Harper, 140 Eighth St.
Plumbing—E. Sugarman, 3624 Geary Street.
Painting — August Krois, 1358 14th Avenue.
Elevator—Otis Elevator Co., 1 Beach Street.

11—ICE & COLD STORAGE PLANTS

Contract Awarded.

STORAGE BLDG. Cost, $50,000
STOCKTON, San Joaquin Co., Calif. No. 815 S-Center Street.
Cold storage building.
Owner—National Ice & Cold Storage Co., 85 2nd St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.

BIDS WANTED

SAN DIEGO, Cal.—Until Feb. 18, 11 A. M., bids will be received by Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for replacement of refrigerating machinery at Naval Operating Base (Destroyer Base) San Diego; Spec. No. 8160. The work will include the removal of one existing compressor with electric motor, a condenser, piping and miscellaneous appurtenances; furnishing and installing one new water-cooled ammonia compressor unit, one cooling water circulating pump, one water cooling tower, expansion valves, thermostats, piping and electrical and miscellaneous work.

Bidding data may be obtained from above office and from the Bureau of Yards & Docks, Navy Dept., Washington, D. C., upon deposit of $10.00.

Planned

COLD STORAGE UNIT Cost, $20,000
EUREKA, Humboldt Co., Calif.
Cold storage unit at ice plant.
Owner—Eureka Ice and Cold Storage Co., Third and B Sts., Eureka.
Plans by Engineering Dept. of Owner.

12— POWER PLANTS

PREPARING PLANS

SEWARD, Alaska.—Hubbell & Waller Engineering Corp., Alaska Bldg., Seattle, consulting engineers, are preparing plans for a municipal power plant for the town of Seward.

Plans include development of Upper and Lower Lost Lakes as source of water supply and as storage reservoir; construction of 2,263 feet of tunnel from Lower Lost Lake under three ridges east of Valley Lake No. 1, then flows power water via natural open channel to Valley Lake No. 2; construction of dam across outlet of this lake; convenyance of power water down steep mounstainside pipe line 5,180 feet long for drop of 1,384.61 feet to power house with either two 375-kva, or one 500 kva hydro-electric units; construction of operator's cottage, small warehouse and garage; 500 feet of road with 20-ft. bridge connecting power house grounds with highway; construction of power house with step-up transformers; construction of transformer line 11 miles long to Seward; step-down substation at Seward; distribution system in Seward with small transformers to step power down to usable voltages, etc.

Don C. Brownell, mayor of Seward.

CONSTRUCTION RESUMED

BRAWLEY, Imperial Co., Cal.—The Imperial Irrigation District has resumed work on the construction of the transmission lines for the new power system to be developed by the district by means of a diesel-operated plant in Brawley. Three miles of poles were completed when a court order temporarily delayed the work. The United States Circuit Court of Appeals has denied the petition of the Nev-Cal Electrical Securities Co. for a restraining order pending settlement of the latter's suit to prevent the Imperial Irrigation District from engaging in the power business. The foundation of the plant has been completed and the diesel engines will be shipped shortly.

N. J. Dowd, chief engineer of the district, is in charge of the work.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Sub-Contracts Awarded

CITY HALL & JAIL Cost, $——
TULARE, Tulare Co., Calif.
Two-story reinforced concrete city hall and jail.
Owner—City of Tulare
Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor—W. J. Ochs, Pacific Southwest Bldg., Fresno.
Vault Doors—Gundelfinger & Meyers, Fresno.
Reinforcing Steel—Kyle & Co., Fresno
Ornamental Iron, Bronze and Jail Equipment—Anchor Post Fence Co., 460 5th St., San Francisco.
Steel Sash—Michel & Pfeffer, Tenth and Harrison Sts., San Francisco.
Mill Work—Fresno Planing Mill, Fresno.
Glass—Valley Glass Co., Fresno.
Plastering—Joe Masi, Fresno.
Asphalt and Masonite Tile—Mallott & Peterson, 20th and Harrison Sts., San Francisco.
Roofing—O. H. Willoughby, Tulare.
Painting—Eddy Paint Co., Porterville.
Plumbing & Heating—Scott Co., San Francisco.
Sheet Metal—J. E. Pettijohn Co., Delano.
Electric—Rider Electric Co., Porterville.
Metal Partitions & Counters—Healey & Popovich, Fresno.
Finish Hardware—Valley Lumber Co., Fresno.

BOND ELECTION

CARMEL, Monterey Co., Cal.—City of Carmel will vote February 25 on a proposal to issue bonds in the amount of $12,000 to finance construction of a two-story reinforced concrete fire station on Sixth Avenue between Mission and San Carlos, Carmel.

Plans prepared by Architect Milton Latham, P. O. Box 1257, Carmel.

Project approved by the WPA.

LOW BIDDER

LOMPOC, Santa Barbara Co., Cal.—Ray J. Daum, 3964 Budiong Avenue, Los Angeles, submitted low normal bid to the Santa Barbara county supervisors at $97,000, for the construction of a Veterans' Memorial and county office building at Lompoc, a PWA project. C. M. Urton submitted the only other bid at $97,292. The bids were taken under advisement until February 10. Winsor Soule and John F. Murphy, 116 E. Sola St., Santa Barbara, architects.

CONTRACT AWARDED

SOLVANG, Santa Barbara Co., Cal.—Hans Skytt, Solvang, awarded contract by Santa Barbara County Supervisors at $37,278 for construction of a Veterans' Memorial building in Solvang, a PWA project. It will contain an auditorium to seat 600 persons and will be a wood frame structure with stucco exterior, tile roofing, oil burning furnace, etc. E. Keith Lockard,

117 E. De la Guerra St., Santa Barbara, architect.

Construction To Start Shortly.
CITY HALL Cost, $14,000
SEBASTOPOL, Sonoma Co., Calif.
One-story reinforced concrete City Hall.
Owner—City of Sebastopol.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Application approved by the WPA and construction will start shortly.

14— RESIDENCES

SALE
HAYWARD, Alameda Co., Calif.—Until February 10, 5 P. M., bids will be received by Eric Russ, General Manager, Hayward Poultry Producers Assn., for the sale of a house at the corner of C and Grand Sts., Hayward.

Preparing Working Drawings
RESIDENCE Cost, $4500
ORINDA, Contra Costa Co., Calif.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Bids will be asked in about three weeks.

Preparing Working Drawings.
RESIDENCE Cost, $——
HILLSBOROUGH, SAN MATEO CO.
Two-story frame and stucco residence (10 rooms, 3 baths) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.

Preparing Working Drawings.
RESIDENCE Cost, $4200
FAIRFAX, Marin Co., Calif.
One-story frame and stucco residence (4 rooms) wood sash, shake roof, hardwood floors, probably electric heating system, pine floors, tile baths, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin Street, Oakland.
Bids will be asked in about 1 week.

Contract To Be Awarded
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (7 rooms and 2 baths) shake roof, gas heating system, steel and wood sash, hardwood floors, etc.
Owner—Syndicate Idora, Ltd.
Architect—Chas. McCall, 1404 Franklin Street, Oakland.
Contractor—Albert Haskell, 255 Ridgeway, Berkeley.

Contract To Be Awarded.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two-story and basement frame and stucco residence (10 rooms and 4 baths) tile roof, oil burning heating system, hardwood floors, tile baths, etc.
Owner—Andrew Christ, Oakland.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor—Harold L. Paige, 5651 Oak Grove, Oakland.

Plans Being Figured.
RESIDENCES Cost, $5000 each
SAN JOSE, Santa Clara Co., Calif.
Two two-story frame and stucco residences.
Owner—Pasetta Estate.
Architect — Martin J. Rist, Phelan Bldg., San Francisco.

Owner Taking Segregated Bids.
RESIDENCE Cost, $——
SAN FRANCISCO. Twenty-ninth Ave. and Rivera Street.
Two-story steel, concrete and wood residence (8 rooms and 2 baths) tile roof, gas oil burning heating system, hardwood floors, etc.
Owner — Christopher McKeon, 30th Ave. and Rivera St., San Francisco
Architect—Arthur Lamb, Mill Valley.
Owner is receiving bids on the following:
Plastering, concrete,, electrical work, plumbing, tile roofing, tiling, hardwood floors, heating system, hardware, painting, landscaping, mill work, etc.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame residence.
Owner—A. E. Fifield.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—L. F. Bourquin, 128 Iris St., Redwood City.

Contract Awarded
RESIDENCE Cost, $10,000
REDWOOD CITY, San Mateo Co. Cal.
Two - story frame and brick veneer residence (Colonial style).
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—Charles Ungaretti, 1727 Foothill Blvd., Oakland.

PLANNED
SAN RAFAEL, Marin Co., Cal.—F. C. Dougherty, 714 W. Olympic Blvd., Los Angeles, has purchased a tract of land known as Laurel Grove Ranch involving 242 acres and will probably subdivide the property into home sites ranging from one to six acres.
Further details will be announced at a later date.

To Be Done By Day's Labor.
RESIDENCE Cost, $6000
SAN FRANCISCO. E Almaden St. N Anza Street.
One-story and basement frame and stucco residence.
Owner and Builder—Herman C. Hogrife, 359 24th Ave., San Francisco.
Architect — John Davis Young, 2002 California St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. W Alemany St. S Theresa St.
One-story and basement frame and stucco residence.
Owner—L. Depaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—Boyd Lindsay, 183 Oxford St., San Francisco.

Contract Awarded
COTTAGE Cost, $2,200
TIBURON, Marin Co., Calif.
One-story frame cottage.
Owner—Ed. W. Parker, 813 Masonic Ave., Berkeley.
Architect—E. A. Neumarkel, 2688 Greenwich St., San Francisco.
Contractor—Preston Burris, Box 445, Mill Valley.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. E 38th Avenue N. Judah Street.
Five one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
STOCKTON, San Joaquin Co., Calif.
1020 North Country Club.
Two-story frame and stucco residence (six rooms).
Owner and Builder—C. T. Carlson, 807 N. Madison St., Stockton.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4,650
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One and one - half - story frame and stucco residence (5 rooms) Spanish type; tile and tar and gravel roof, gas hot air heating system, hardwood floors, steel sash, canvas walls, stall showers, patio, etc.
Owner—Roy Levy, Jr.
Architect—O. R. Thayer, 1120 Union Street, San Francisco.
Contractor—Axel Johnson, % owner.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. E Thirty-second Ave. N Rivera Street.
Four one-story and basement frame and stucco residences.
Owner and Builder — Samuel Young, 117 Montgomery St., San Francisco.
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCES Cost, $5,000 each
MILLBRAE, San Mateo County, Cal. Hazel Avenue.
Two 1-story and basement frame and stucco residences.
Owner—Niels Schultz, 1456 Alvarado Avenue, Burlingame.
Architect—Not Given.
Contractor—Schultz Const. Co., 1 Hillcrest Blvd., Millbrae.
Roofing—Empire Roofing Co., 261 Silver Ave., San Francisco.
Plumbing—J. Barnham.
Electric Wiring—Burlingame Electric Co., Millbrae.
Heating—Atlas Heating Co., 557 4th St., San Francisco.
Tile—Scott Co., 243 Minna St., San Francisco.
Iron Grille Work—San Mateo Forge Co., 500 3rd Ave., San Mateo.
Brick Work — Martin Nelson, 2847 Army St., San Francisco.
Lathing and Plastering—J. J. Powers, 578 20th St., San Francisco.
Lumber—Industrial City Lumber Co., South San Francisco.
Wood Sash—Eureka Mill & Lumber Co., 1715 Mission St., San Francisco.
Hardware—MacKillop Hardware Co., 658 Clement St., San Francisco.
Concrete—C. C. Sayre, 541 26th Ave., San Francisco.
Flooring—White Oak Floor Co., Redwood City.
Window Shades—Uneeda Shade Co., 155 Church St., San Francisco.
Mill Work—Eureka Mill & Lumber Co., 1715 Mission St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6000
CORTE MADERA, Marin Co., Calif.
One-story frame residence (6 rooms) Monterey - Colonial Type, shake roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner—R. Kramer.
Architect—D. E. Jackle, 126 Post St., San Francisco.
Contractor—Leibert & Trobock, Albert Bldg., San Rafael.

Plans Completed.
RESIDENCE Cost, $——
LODI,, San Joaquin Co., Calif.
One-story and basement adobe residence (five rooms) heavy shake roof, gas heating system, etc.
Owner—Paul Higginbothan, Lodi.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Owner will take bids within a few days.

Low Bidder.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, steel sash, oil heating system, hardwood floors, tile baths, canvas walls, etc.
Owner—B. Celli.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.
Low Bidder — Chas. Ungaretti, 1727 Foothill Blvd., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SACRAMENTO, Sacramento Co., Cal. 4425 T Street.
One - story and basement frame and stucco residence.
Owner and Builder—E. A. Corum, 2665 Donner St., Sacramento.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
PALO ALTO, Santa Clara Co., Calif. NW Governor and Santa Teresa.
One-story frame and stucco residence.
Owner—James W. McDonnell, 618 Fulton St., Palo Alto.
Architect—Not Given.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $6,000
REDWOOD CITY, San Mateo Co., Cal. 31 Hudson Street.
Two-story frame and stucco residence (six rooms).
Owner—H. E. Higgins, 224 Hudson St. Redwood City.
Architect—Not Given.
Contractor—E. Steinegger, 371 Alameda de las Pulgas, Redwood City.

Contract Awarded
RESIDENCES Cost, $5,000 ea.
MILLBRAE, San Mateo Co., Calif Hazel Avenue.
Two 1-story and basement frame and stucco residences.
Owner—Niels Schultz, 1456 Alvarado Ave., Burlingame.
Architect—Not Given.
Contractor—Schultz Const. Co., 1 Hillcrest Blvd., Millbrae.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
PALO ALTO, Santa Clara Co., Calif. 2164 Webster Street.
One - story and basement frame and stucco residence.
Owner—Thomas Topp.
Architect—Leslie Nichols, 529 Guinda St., Palo Alto.

Contract Awarded
RESIDENCE Cont. Price, $13,900
REDWOOD CITY, San Mateo Co., Cal.
Two-story frame and stucco residence.
Owner—Dr. Wright.
Architect—Clarence Tantau, 2 1 0 Post Street, San Francisco.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.

Bids In—Held Under Advisement.
RESIDENCE Cost, $10,000
REDWOOD CITY, San Mateo Co., Cal.
Two - story frame and brick veneer residence (Colonial style).
Owner—Withheld.
Architect—Chester Treichel, 496 Cleveland St., Oakland.
Announcement will be made within a few days.

Contract Awarded
RESIDENCE Cost, $——
BAYWOOD PARK, San Mateo Co.
Two-story frame and stucco residence (9 rooms, 2 baths).
Owner—E. E. Collins.
Architect—C. O. Clausen, 746 46th Avenue, San Francisco.
Contractor—O. K. Holt, 3957 Army St. San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Calif. No. 2205 Lakeside Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner—Dr. B. A. Wise, 1125 N-California St., Stockton.
Architect—Not Given.
Contractor — P. C. Hunt, P. O. Box 104, Stockton.

Contract Awarded.
RESIDENCE Cost, $4000
BERKELEY, Alameda Co., Cal. No. 1399 Acton Street.
One-story and basement frame and stucco residence (5 rooms).
Owner — R. Nicholson, 550 Blossom Way, Berkeley.
Architect—Not Given.
Contractor — D. W. Nicholson, 550 Blossom Way, Berkeley.

Bids In—Held Under Advisement.
RESIDENCE Cost, $15,000
PIEDMONT, Alameda Co., Cal. St. James Wood.
Two-story brick and rustic residence.
Owner—C. G. Morse.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Announcement will be made shortly

To Be Done By Day's Work.
RESIDENCE Cost, $3500
ALAMEDA, Alameda Co., Cal. No. 2614 Eagle Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—Abram Kools, 619 Haight Ave., Alameda.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $8000
PIEDMONT, Alameda Co., Cal. No. 601 Blair Avenue.
Two-story frame and stucco residence (6 rooms).
Owner — L. H. Strickler, 411 Pala Ave., Piedmont.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 2532 Castello Street.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 591 Valle Vista Avenue.
Two-story frame and stucco residence (7 rooms).
Owner—Lola and John McReynolds, 817 Erie St., Oakland.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $7000
SAN FRANCISCO. SE Magellan NE Pacheco Street.
Two-story and basement frame and stucco residence.
Owner—George Beatty, 138 Erie St., San Francisco.
Architect—Not Given.
Contractor—Ed Rosemont, 176 Duboce Ave., San Francisco.

Preparing Working Drawings.
RESIDENCE Cost, $4500
BERKELEY, Alameda Co., Calif. Shasta Road.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect — George P. Simonds, 192 Main St., Hayward.
Bids will be asked in about three Weeks.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 1112 Sherwood Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner—Joseph Alessio, 345 N 13th St., San Jose.
Architect—Edward Kress, First National Bank Bldg., San Jose.
Contractor—Felix Savio, 44 N. River Street, San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 1492 McDaniel Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Wm. H. O'Neil, 1475 Emory St., San Jose.
Architect—Not Given.

Plans Completed
RESIDENCE Cost, $4,000
SAN JOSE, Santa Clara Co., Calif. 1061 O'Brien Court.
One - story and basement frame and stucco residence (five rooms).
Owner—Lewis S. Wood.
Architect—Charles McKenzie, Twohy Bldg., San Jose.

Contract Awarded
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 1395 Martin Avenue.
One - story and basement frame and stucco residence (six rooms).
Owner—Anthony Barone, 184 Willow St., San Jose.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Sal Guardino, 690 Mission St., San Jose.

Contract Awarded
RESIDENCE Cost, $6,000
BERKELEY, Alameda Co., Calif. 520 Grizzly Peak Boulevard.
Two - story frame and stucco residence (7 rooms).
Owner—J. E. Ryberg, 732 Neilson St. Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Contract Awarded
ALTERATIONS Cost, $6,000
SAN FRANCISCO. 2675 Green Street.
Alterations to residence.
Owner—L. O. Byman, 74 New Montgomery Street.
Architect—W. W. Wurster, 260 California Street.
Contractor—F. S. Marshall, 799 Ashbury Street.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 ea.
SAN FRANCISCO. S Monterey Blvd. E Foerster St.
Two one - story and basement frame and stucco residences.
Owner and Builder—Rudolph Mohr & Sons, 116 9th St., San Francisco.
Architect—Not Given.

RESIDENCES Cost, $4000 ea.
SAN FRANCISCO. W Moneta Way N Farragut St.
Two one-story and basement frame and stucco residences.
Owner and Builder—Rudolph Mohr & Sons, 116 9th St., San Francisco.
Architect—Not Given.

Construction Postponed Indefinitely.
RESIDENCE Cost, $20,000
HEALDSBURG, Sonoma Co., Calif.
Two - story and basement frame and stucco residence (11 rooms and 5 baths) tile roof, hot air heating system, air conditioning system, steel sash, hardwood floors, tile baths, etc.
Owner—M. Rosenberg.
Architect—John I. Easterly, 302 Grant St., Healdsburg.

Preparing Working Drawings.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Montclair Highlands Extension.
Two-story frame and stucco residence (six rooms and recreation room); English style, shake roof, gas heating system, hardwood floors, etc.
Owner—Syndicate Merriewood.
Architect — Earl MacDonald, 3812 Broadway, Oakland.

Sub-Bids Being Taken.
RESIDENCES Cost, $7000
OAKLAND, Alameda Co., Cal. Rockridge District.
Two two-story and basement frame and stucco residences (7 rooms, 2 baths, shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given.

Preparing Working Drawings.
RESIDENCE Cost, $——
VALLEJO, Solano Co., Calif.
Two-story frame and stucco residence (6 rooms and 2 baths).
Owner—Mr. Nelson.
Architect — Earl MacDonald, 3812 Broadway, Oakland.

Contract Awarded.
RESIDENCE Cost, $5800
OAKLAND, Alameda Co., Cal. Oakmore Tract.
Monterey Colonial residence (5 rooms, one bath) steel sash, shake roof, brick fireplace, gas heat.
Owner—A. M. Pollnsky.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Carpentry—Albert Church, 3536 Allendale Ave., Oakland.
Lumber — E. K. Wood Lumber Co., Frederick and King Sts., Oakland
Hardwood Floors — East Bay Hardwood Floor Co., 2312 Oregon St., Oakland.
Lathing and Plastering — E. Koenig, 1521 54th Ave., Oakland.
Tile—Superior Tile Co., 3743 Broadway, Oakland.
Steel Sash—East Bay Glass Co., 621 Sixth St., Oakland.
Glass and Glazing — East Bay Glass Co., 621 6th St., Oakland.
Linoleum—Superior Tile Co., 3743 Broadway, Oakland.
Screens—Gleason Steel Products Co., 1310 63rd St., Oakland.
Deck Membrane — Western Roofing Co., 24th and Poplar Sts., Oakland.

Contract Awarded
RESIDENCE Cost, $8,000
BURLINGAME, San Mateo Co., Calif. Hillside Drive.
Two-story frame and stucco residence
Owner—Alvin J. Bayley.
Architect—Not Given.
Contractor—P. K. Morahan, 2509 Adeline Drive, Burlingame.

Contract Awarded
RESIDENCE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 1219 N. Stockton Street.
One-story frame and stucco residence (five rooms).
Owner—Louis J. Moline.
Architect—Not Given.
Contractor—S. C. Giles, 121 W. Knoles Way, Stockton.

Contract Awaraded.
RESIDENCE Cost, $7000
SACRAMENTO, Sacramento Co., Cal. No. 2772 Regina Way.
Two-story frame and stucco residence
Owner—W. Pahl, 2500 Coleman St., Sacramento.
Architect—Not Given.
Contractor—J. Johnson & Son, Rt. 1, Box 1928, Sacramento.

Sub-Contracts Awarded.
RESIDENCE Cost, $6000
PIEDMONT, Alameda Co., Cal. No. 6 Parkside Drive.
One-story and basement frame and stucco residence (six rooms).
Owner — Paul H. Hammarberg, 2530 Hilgard Ave., Berkeley.
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard Ave., Berkeley.
Roofing—W. L. Ridout.
Plumbing—M. Maialini.
Window Shades—West Coast Window Shade Co.
Heating—Atlas Heating Company.
Flooring—Johnson Floor Co.
Electric Wiring—James Anderson.
Concrete—M. Medis.
Glass—Western Door Co.
Painting—Haines Brothers.
Iron Grill Work—Arth-Smith Shop.
Hardware—Maxwell Hardware Co.
Lathing and Plastering—J. A. Johnson.
Wood Sash—Western Door Co.
Lumber—Tilden Lumber Co.
All of Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Calif. Portola Road.
One-story frame and stucco residence
Owner—M. A. Pencovic.
Architect—Not Given.
Contractor — Aetna Constr. Co., 238 Arleta Ave., San Francisco.
Masonry—Karlberg & Bosin, 367 Bayshore Blvd., San Francisco.
Carpentry — Aetna Constr. Co., 238 Arleta Ave., San Francisco.
Heating—San Mateo County Electric Co., 33-B St., San Mateo.
Plumbing—E. Hartson, 678 6th Ave., San Francisco.
Electric Wiring—San Mateo County Elc. Co., 33 B St., San Mateo.
Mill Work—Sudden Lumber Co., Quint and Evans Sts., San Francisco.
Structural Steel — San Mateo Forge, 500 Third St., San Mateo.
Rinforcing Steel—Construction Device Co., 712 Bryant St., San Francisco.
Ornamental Iron—San Mateo Forge, 500 Third St., San Mateo.
Roofing — Crowley Roofing Co., 108 California Drive, Burlingame.
Sheet Metal Work — Sterger Sheet Metal & Heating Co., 45 B St., San Mateo.
Painting—G. Wollnick, 977 Church St. San Francisco.
Plastering — Aetna Constr. Co., 238 Arleta Ave., San Francisco.
Marble—Binner Studios, 423 14th St., San Francisco.
Tile—Benetti Tile Co., 916 No. Humbolt St., San Mateo.
Glass & Glazing—W. P. Fuller & Co., 301 Mission St., San Francisco.
Insulation—Van Arsdale Harris, 5th and Brannan Sts., San Francisco.
Steel Sash — Michel & Pfeffer Iron Works, 10th and Harrison Sts., San Francisco.
Waterproofing—C. B. Sovig Co., 248 Oak St., San Francisco.

Low Bidder
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif.
Two-story frame and rustic residence (shake roof, gas heating system, hardwood floors, etc.)
Owner—Mr. Beebe.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Low Bidder—Jensen & Pedersen, 3443 Adeline Street, Oakland.

Low Bidder
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.
Two - story and basement frame and stucco residence.
Owner—Mr. Prost.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Low Bidder—T. H. Lapham, 546 Kenmore Ave., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $10,000
FRESNO, Fresno Co., Cal.
Two-story and basement frame and stucco residence (8 rooms and 2 baths) English style; shake roof, gas heating system, wood sash, hardwood floors, tile baths, tile kitchen, canvas walls over wallboard in interior, etc
Ownr—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Bids will be asked in about one week

Bids Opened
RESIDENCE & LAB. Cost, $11,000
VALLEJO, Solano Co., Calif.
Two-story frame duplex residence (1 6-room and one 5-room residence) redwood siding, electric heaters, electric hot water, composition roof, septic tank, etc.) and two-story frame laboratory bldg. (redwood siding) three garages.
Owner—City of Vallejo.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Low Bidder—James Bitcon, 628 Louisiana St., Vallejo.
Complete bids follow:
(1) deduct substitute Oregon pine for oak in certain rooms;
James Bitcon, Vallejo.....$13,436
.....(1) 65.00
.....(2) 23.50
.....(3) 50.00
(2) deduct substitute Oregon pine for oak on stairs;
Moore & Roberts, S. F..... 14,300
.....(1) 40.00
.....(2) 30.00
.....(3) 50.00
David Paganini, S. F..... 14,813
(3) stain and varnish interior woodwork in lieu of enamel.
.....(1) 75.00
.....(2) 50.00
.....(3) 150.00
Bids referred to city engineer.

Preparing Sketches.
RESIDENCE Cost, $10,000
KENT, Marin Co., Calif.
Two-story stone and timber residence and double garage (seven rooms, three baths, maid's room, two sleeping porches, hardwood floors, fireproof shingle roof, etc.)
Owner—A. Pinther, Corte Madera.
Architect — W. E. Baumberger, 65 Wellington Ave., San Anselmo.
Will be ready for bids in about six weeks.

Plans Being Prepared.
RESIDENCE Cost, $4500
SAN FRANCISCO Eighteenth and Texas Streets.
One-story and basement frame and stucco residence (5 rooms) tile & composition roofing, gas heating system, hardwood floors, wood sash, etc.
Owner and Builder — J. Carlson, 2239 Bryant St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Low Bidder
RESIDENCE Cost, $15,000
PIEDMONT, Alameda Co., Calif. St. James Wood.
Two-story brick and rustic residence.
Owner—C. G. Morse.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Low Bidder—J. R. Armstrong, 1131 Fleet Road, Oakland.

Preparing Sketches.
RESIDENCE Cost, $5500
SAN FRANCISCO. Francisco Heights.
One-story and basement frame and stucco residence (6 rooms) tile and composition roofing, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Mr. Matthews.
Plans by Cyril Doane (Wal. 6291).

Plans Being Completed.
RESIDENCE Cost, $6500
SAN FRANCISCO. Forest Hill.
Two-story frame and stucco residence (5 rooms) composition shingle roof gas heating system, hardwood floors, tile baths, wood sash, etc.)
Owner—Wm. Ohms.
Plans by Cyril Doane (Wal. 6291).
Bids will be taken on plastering, painting, electric, etc., shortly.

Preparing Sketches.
RESIDENCE Cost, $6000
SAN FRANCISCO. San Pablo Ave.
Two-story frame and stucco residence (6 rooms); French Style.
Owner—Sidney Rhein.
Plans by Cyril Doane (Wal. 6291).

Preparing Sketches.
RESIDENCE Cost, $——
SAN FRANCISCO.
Two-story frame and stucco residence (8 rooms and 2 baths) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Armond Pieogi.
Plans by Cyril Doane (Wal. 6291).

Contract Awarded.
RESIDENCE Cont. Price, $5850
HAYWARD, Alameda Co., Calif.
Two-story and basement frame and stucco residence (6 rooms and 2 baths) shake roof, gas heating system, tile baths, plaster walls wood sash, etc.
Owner—B. Doughty.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—H. W. Suttle, 1701 D St., Hayward.
Complete bids follow:
H. W. Suttle.....$5850
H. S. Shain..... 5965
A. Holyoake 6366
George Asmussen 6400
All of Hayward.

Contract Awarded.
RESIDENCES Cost, $——
SAN FRANCISCO. Bay and Hyde Streets.
Four one-story frame and rustic residences (3 and 4 rooms each); fireproof roofing gas heating system, hardwood floors, tile baths, etc.)
Owner—Miss Nora Kenyon.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor — G. P. W. Jensen, 320 Market St., San Francisco.

Bids In—Held Under Advisement.
ALTERATIONS Cost, $——
SAN FRANCISCO. 2672 Vallejo St.
Alterations to residence.
Owner—B. R. Funston.
Architect—Gardner Dailey, 210 Post.
Announcement will be made within a few days.

Bids In—Held Under Advisement.
ALTERATIONS Cost, $——
SAN FRANCISCO. 1800 Gough Street.
Alterations to residence.
Owner—George Oppen.
Architect—Gardner Dailey, 210 Post.
Announcement will be made within a few days.

15— SCHOOLS

Revised Plans Awaiting PWA Approval
GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One - story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Ardian, 417 Market St., San Francisco.
New bids will be asked shortly.

BIDS WANTED
SAN FRANCISCO.—Until Feb. 11, 10:45 A. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for sanding east hallway of shop building at the Polytechnic High School, involving approximately 2100 sq. ft.
Further particulars may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th Street.

Sub-Contracts Awarded.
SCHOOL Cont. Price, $114,900
MARIPOSA, Mariposa Co., Cal.
Additions to high school (concrete foundations, frame and stucco construction, tile roof, etc.)
Owner—Mariposa High School Dist.
Architect—W. H. Weeks, 593 Market St., San Francisco.
Contractor—Wm. Spivock, 544 Golden Gate Ave., San Francisco.
Cement — Yosemite Portland Cement Co., 564 Market St., San Francisco
Terra Cotta—Gladding, McBean Co., 660 Market St., San Francisco.
Miscellaneous Iron—Kyle & Co., Fresno.
Structural Steel—Kyle & Co., Fresno.
Mill Work — Pacific Mfg. Co., Santa Clara.
Patent Hardware—Dalmo Sales Co., 511 Harrison St., San Francisco.
Blackboards — Fred E. Turner, 557 Market St., San Francisco.
Display Rail — Fred E. Turner, 557 Market St., San Francisco.
Lockers—Munthe Equipment Co., 102 New Montgomery St., S. F.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Painting—Jos. J. Burdon, Richmond and Oakland.
Roofing—F. E. Hayden, 369 Stockton Ave., San Jose.
Tile—Art Tile & Mantel Co., 221 Oak St., San Francisco.

Bids Wanted — To Close February 14, 11 A. M.
HIGH SCHOOL Cost, $80,000
SILVERTON, Oregon.
Three-story frame and reinforced concrete high school (120x175 feet); brick exterior, composition roof, steam heating system, acoustical treatment, hollow tile, lockers, skylights, wood sash, structural steel, etc.
Owner—Silverton Board of Education.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland, Oregon.
Plans and specifications may be obtained from the architect upon deposit of $15.

SUB-BIDS WANTED
SACRAMENTO, Cal.—Lindgren and Swinerton, Inc., 619 H St., Sacramento, desire sub-bids on all portions of the work for the construction of the shops for the Senior High School at Sacramento, for which bids will be opened February 10, 7:30 P. M.
Plans prepared by Architects Starks and Flanders, Bank of America Bldg., Sacramento.

Bids Opened
SCHOOL Cost, $18,000
CAYUCOS, San Luis Obispo Co., Cal.
One-story frame school building.
Owner—Cayucos School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Low Bidder—Theo. M. Maino, 1424 Mill St., San Luis Obispo.
Complete bids follow:
T. M. Maino, San Luis Obispo..$30,700
F. C. Stolte, Oakland..... 31,300
Jacks & Irvine, S. F..... 41,559
Bids held under advisement.

CONTRACT AWARDED
EL SEGUNDO, Los Angeles Co., Cal.—John H. Simpson, 524 S Raymond Ave., Pasadena, submitted low bid to El Segundo High School District and was awarded contract (subject to the approval of the PWA) on the basis of a main bid of $207,000, for reconstruction, rehabilitation and strengthening of four brick buildings at the El Segundo high school.
Plans prepared by Architects Austin & Ashley, Chamber of Commerce Bldg., Los Angeles.

CONTRACT AWARDED
LOS ANGELES, Calif.—Contracting Engineers, 2310½ W Vernon Avenue, awarded contract by the Los Angeles board of education at $61,990 for reconstruction, strengthening and rehabilitation of the main building at 42nd Street school, 4231 4th Ave. A. F. Rosenheim, architect, and R. McC. Beanfield, 629 Chamber of Commerce Bldg., structural engineer.

LOW BIDDER
LONG BEACH, Los Angeles Co. Cal.—Pacific Realty & Building Co., 433 E. Broadway, Long Beach, submitted low bid to Los Angeles Board of Education at $87,570, for reconstruction, strengthening and rehabilitation of the main brick building at Belvedere elementary school, 3724 E. First St. Train & Cressey, 226 Third and Hill Bldg., Architects, and Laurence J. Waller, 931 Micheltorena St., Structural Engineer.

CONTRACT AWARDED
LAS VEGAS, Nevada—George K. Thompson, 2404 W. Seventh St., Los Angeles, awarded contract by Las Vegas, a PWA project. Orville L. Clark, 369 N. Ridgewood Place, Los Angeles, architect. The buildings will be reinforced concrete structures with tile roofs, wood sash, concrete and quarry tile floors, steel trusses in gymnasium, low pressure steam heating system with vacuum returns, ventilating system, etc.

Contract Awarded.
JUNIOR COLLEGE
Cont. Price, $74,000
REEDLEY, Fresno Co., Calif.
New Junior College.
Owner — Reedley Joint Union High School District.
Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.
Contractor—Fisher & McNulty, Cory Bldg., Fresno, $74,000.
Mechanical Work—Frank Hudson, 45 Manor Drive, San Francisco, $13,-038.
Electric—American Electric Construction Co., 462 Bryant St., San Francisco. $5521.

Sub-Contracts Awarded
CONVENT Cost, $60,000
SAN FRANCISCO. N Oak Street 125 E Fillmore Street.
Two-story reinforced concrete convent (25 rooms) roof garden covered with terra cotta tile, Spanish tile on the cornices, oak floors, steam

heating and hot water system, colored plaster walls, etc.
Owner—Sacred Heart Parish.
Architect—John J. Foley, 770 5th Ave.
Contractor—Cahill Bros., 206 Sansome
Concrete — Readymix Concrete Co., Carolina and Mariposa Streets.
Placing Reinforcing Steel—J. Phillip Murphy, 3901 Mission Street.
Miscellaneous and Ornamental Iron—F. Kern & Sons, 517 6th St.
Steel Sash—Michel and Pfeffer Iron Works, 10th and Harrison Sts.
Shower Partitions—Trask & Squires, 39 Natoma Street.
Brick and Hollow Tile—H. E. Drake, 3855 California Street.
Sheet Metal, Patent Flues, Ventilation Fan—Robert J. Neilan, 39 Isis St.
Glass—Habenicht & Howlett, 529 Clay Street.
Mill Work—Brannan Street Planing Mill, 560 Brannan Street.
Stairs—E. D. Philbrick, 41 Sheridan.
Plumbing—J. H. Pinkerton, 927 Howard Street.
Heating—W. A. Aschen, 3000 E 16th St., Oakland.
Dumb Waiter—Vincent Whitney, 130 Tenth Street.

As previously reported, grading and excavation awarded to Sibley Grading & Teaming Co., 165 Landers Street; reinforcing steel to Truscon Steel Co., 604 Mission Street.

Plans Being Figured—Bids Close Feb. 25th, 5 P. M.

MAUSOLEUM Cost, $——
OAKLAND, Alameda Co., Calif. End of Piedmont Avenue.
Interior finishing of mausoleum (marble, bronze and glass work, etc.)
Owner—Mountain View Cemetery Association, Oakland.
Architect—W. P. Day, Financial Center Bldg., San Francisco.

Cahill Bros., 206 Sansome Street, San Francisco, is among the contractors figuring the plans.

Bids Wanted—To Close Feb. 21, 1:30 P. M.

PHYSICAL ED. BLDG. $400,000
PULLMAN, Washington.
Health and physical education building (gymnasium, swimming pool, exercise rooms, etc.)
Owner—State of Washington.
Architect—S. A. Smith, State College, Pullman.

Plans and specifications may be obtained from the architect upon deposit of $5.00.

SUB-BIDS WANTED

TRUCKEE, Nevada Co., Cal.—Wm. Martin, 666 Mission St., San Francisco, desires sub-bids on all portions of the work for the construction of the Truckee School, for which bids will be opened Feb. 14, 5 P. M.

Plans prepared by Architects Masten & Hurd, 233 Post St., San Francisco.

BIDS OPENED

SAN FRANCISCO.—Regal Floor Co. at $23.00 submitted low bid to Department of Public Works for sanding and refinishing hardwood floors in the principal's and outer office and lunch room at Guadalupe School, Cordova and Sprague Streets. Other bidders were:

Inlaid Floor Company.....$26.00
Ace & Square Deal Floor Co..... 30.00

Bids held under advisement.

Sub-Contracts Awarded

SCHOOL Contract Price, $79,584
REDDING, Shasta County, Calif.
One-story frame and stucco grammar school (12 classrooms and auditorium to seat 500).
Owner — Redding Elementary School District.
Architect—Masten and Hurd, 233 Post St., San Francisco.
Contractor—B. A. Howkins & Co., 1182 Market St., San Francisco.
Roofing—Roof Service Co., Redding.
Plumbing — G. C. Motley, Klamath Falls.
Electric Wiring—American Elec. Construction Co., 462 Bryant Street, San Francisco.
Heating—G. C. Motley, Klamath Falls
Tile Work—Fischer Tile & Marble Co. Sacramento.
Iron Grille Work—Schrader Iron W'ks, 1247 Harrison St., San Francisco.
Lathing and Plastering—A. Knowles, 982 Bryant St., San Francisco.
Lumber — Chapman Lumber Co., 144 Spear St., San Francisco.
Steel Sash—Schrader Iron Works, 1247 Harrison St., San Francisco.
Wood Sash—Anderson Bros. Planing Mill, Quint and Custer Sts., San Francisco.
Painting—R. P. Paoli, 3159 Fillmore St., San Francisco.
Flooring—Acme Floor Co., 1051 Mission St., San Francisco.
Marble—Fischer Tile & Marble Co.
Reinforcing Steel — Bethlehem Steel Co., 20th and Illinois Streets, San Francisco.
Structural Steel—Schrader Iron W'ks, 1257 Harrison St., San Francisco.

Bids Opened

ASSEMBLY Cost, $31,250
OAKLAND, Alameda Co., Calif. Chabot Road and Patton Street.
One-story frame and stucco assembly at Chabot School (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Oakland Board of Education.
Low Bidder—Willis F. Lynn, 1037 Ashmount Ave., Oakland.

Complete bids follow:
(1) add; (2) (3) (4) (5) (6) deduct.

Willis F. Lynn, Oakland.....$33,468
.....(1) 6,526
.....(2) 465
.....(3) 1,555
.....(4) 1,330
.....(5) 480
.....(6) 250
W. G. Thornally, Oakland.....$33,960
.....(1) 6,970
.....(2) 350
.....(3) 1,540
.....(4) 1,330
.....(5) 400
.....(6) 200
Schnoor Bros., Oakland.....$34,326
.....(1) 6,360
.....(2) 396
.....(3) 800
.....(4) 1,107
.....(5) 470
.....(6) 180
David Nordstrom, Oakland.....$34,718
.....(1) 5,471
.....(2) 478
.....(3) 1,495
.....(4) 1,335
.....(5) 471
.....(6) 250

Bids held under advisement.

Bids Opened

ASSEMBLY Cost, $31,500
OAKLAND, Alameda Co., Cal. Brann and Morton Streets.
One-story frame and stucco assembly Sherman School (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Oakland Board of Education.
Low Bidder—S. G. Johnson, 4652 Dolores Ave., Oakland.

Complete bids follow:
(1) (2) (3) (4) (5) (6) deduct.

S. G. Johnson, Oakland.....$34,745
.....(1) 1,140
.....(2) 420
.....(3) 1,726
.....(4) 3,253
.....(5) 490
.....(6) 240
David Nordstrom, Oakland.....$35,979
.....(1) 1,053
.....(2) 440
.....(3) 1,726
.....(4) 1,333
.....(5) 451
.....(6) 225
John E. Branagh Oakland.....$36,200
.....(1) 1,800
.....(2) 482
.....(3) 1,600
.....(4) 1,700
.....(5) 470
.....(6) 248
Geo. Swanstrom, Oakland.....$37,993
.....(1) 1,460
.....(2) 440
.....(3) 1,700
.....(4) 1,300
.....(5) 475
.....(6) 225

Bids held under advisement.

Plans Being Prepared.

SCHOOL Cost, $16,000
ELKHORN, San Joaquin Co., Calif.
One-story brick veneer school (3 classrooms).
Owner—Elkhorn School District (John R. Williams), Co. School Supt.
Architect—Joseph Losekann, 1218 W. Harding Way, Stockton.

Bonds in the amount of $7000 were voted on January 28.

BIDS WANTED

BARSTOW, San Bernardino Co., Cal.—Until February 15, 7:30 P. M., bids will be received by Barstow Elmentary School District for the construction of a new auditorium and classroom building in Barstow, a PWA project. Certified or cashiers check or bond for 5% must accompany each bid. Plans and specifications may be obtained from the architect, E. Charles Parke, 657 N. 8th St., Colton, upon deposit of $25. Cost $93,000.

Low Bidders

SCHOOL Cost, $——
RIDDLE, Oregon.
School building.
Owner—Riddle School District (Asa Lawson, Clerk).
Architect—Graham B. Smith, Register-Guard Bldg., Eugene, Oregon.
Low Bidder — Ed. Walder, Eugene, $74,153.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 14, 2 P M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro Street, Los Angeles, for a reinforced concrete girls' physical education building to be erected at Richard Henry Dana junior high school, 1501 Cabrillo Ave., San Pedro. Cost, $32,000. M. L. Barker and G. L. Ott, 346½ S. La Brea Ave., Los Angeles, architects; L. J. Waller, 931 Micheltorena Street, Los Angeles, structural engineer.

Contract Awarded

SCHOOL Cont. Price, $43,975
HILMAR, Merced Co., Calif.
One - story frame and stucco elementary school (eight classrooms).
Owner—Elim Union School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Contractor—H. H. Henning, 1751 Berkeley Ave., Stockton.

Complete bids published Jan. 27.

NO BIDS RECEIVED

SAN FRANCISCO—No bids were received by the Department of Public Works for sanding and refinishing the hardwood floors in office and teachers' lunch room at Guadalupe School, Cordova and Sprague Streets.

Bids Opened.

GUSTINE, Merced Co., Calif.
HIGH SCHOOL Cost, $75,000
One-story frame & stucco high school (steel truss in auditorium) four classrooms, auditorium to seat 500 and cafeteria.
Owner — Gustine Union High School District.
Architects—W. G. Corlett and E. A. Russ, 1801 Bank of America Bldg. Oakland.
Low Bidder — Carl N. Swenson, 355 Stockton Ave., San Jose.
Complete bids follow:
(1) Add for lockers.
(2) add for seats.
(3) add for temperature control.
(4) ded. for omitting corridor.
(5) deduct for omitting cafeteria equipment.
(6) ded. for omitting serving table.
(7) ded. for omitting linoleum.
(8) ded. for omitting stencils.

Carl N. Swenson, San Jose		$89,417
	(1)	790
	(2)	2,500
	(3)	225
	(4)	1,402
	(5)	975
	(6)	150
	(7)	160
	(8)	395
N. H. Sjoberg & Sons, Oakland		89,557
	(1)	751
	(2)	2,513
	(3)	256
	(4)	1,469
	(5)	1,038
	(6)	66
	(7)	108
	(8)	412
Meyer Bros., San Francisco		90,639
	(1)	569
	(2)	2,889
	(3)	280
	(4)	1,430
	(5)	950
	(6)	95
	(7)	185
	(8)	390
H. H. Henning, Stockton		91,160
	(1)	650
	(2)	2,500
	(3)	280
	(4)	1,080
	(5)	900
	(6)	160
	(7)	130
	(8)	450
Sam Eyre, Tracy		93,103
	(1)	570
	(2)	2,335
	(3)	240
	(4)	1,258
	(5)	885
	(6)	60
	(7)	125
	(8)	650
Oliver M. Rousseau, S. F.		94,445
	(1)	800
	(2)	2,600
	(8)	300
	(4)	1,100
	(5)	862
	(6)	85
	(7)	120
	(8)	435
Trewhitt-Shields, Fresno		96,800
	(1)	570
	(2)	2,360
	(3)	216
	(4)	1,213
	(5)	1,000
	(6)	317
	(7)	142
	(8)	468
Gould & Kane, Berkeley		97,945
	(1)	650
	(2)	2,400
	(3)	268
	(4)	1,715
	(5)	1,126
	(6)	80
	(7)	100
	(8)	435

Recommendation made to the PWA that contract be awarded to Carl N. Swenson, San Jose, at $89,642 accepting alternate 3.

Sub-Contracts Awarded.

GYM. & SHOPS Cont. Price, $62,715
SELMA, Fresno Co., Cal. Campus of Selma High School.
Gymnasium and shop building (reinforced concrete construction).
Owner — Selma Union High School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor—W. J. Ochs, Pacific Southwest Bldg., Fresno.
Reinforcing and Structural Steel—Kyle Co., Fresno.
Miscellaneous Iron—Fair Mfg. Co., 617
Steel Sash—Michel & Pfeffer, Tenth and Harrison Sts., San Francisco.
Mill Work—Hollenbeck Bush, Fresno.
Glass—Valley Glass Co., Fresno.
Plastering—Joe Masi, Fresno.
Roofing—Vierra & Duncan, Selma.
Painting—M. W. Hancock, Fresno.
Plumbing and Sheet Metal—J. E. Pettijohn Co., Delano.
Electric—Riders Electric Co., Porterville.
Metal Partitions—Healey & Popovich, Fresno.
Finish Hardware—Barrett-Hicks Co., Fresno.

BOND ELECTION

MONTEREY, Monterey Co., Cal.—Monterey Union High School District will vote March 3rd on a proposal to issue bonds in the amount of $80,000 to finance construction of improvements and reconstruction to eight buildings at Monterey Union High School. Total estimated cost is $100,000.

Preliminary plans prepared by Architect Robert Stanton and Structural Engineer Richard Ware, Hotel Del Monte, Del Monte.

Commissioned To Prepare Plans.

HIGH SCHOOL Cost, $750,000
BELLINGHAM, Washington.
New high school building.
Owner—Bellingham School District.
Architect—F. A. Naramore, Central Bldg., Seattle.

Sub-Contracts Awarded

HIGH SCHOOL Cont. Price, $52,100
CAMPBELL, Santa Clara Co., Calif. Campbell Avenue.
One - story reinforced concrete high school (12 classrooms).
Owner — Campbell High School Dist. Mrs. Louis Shelley, clerk).
Architect—W. H. Weeks, 593 Market St., San Francisco.
Contractor—N. J. Nielsen, 1270 Iris Court, San Jose.
Roofing—Bush Roofing Co., 750 Stockton Ave., San Jose.
Electric Wiring—R. M. Butcher, 455 East Washington St., San Jose.
Sheet Metal—A. J. Peters, 455 East Washington St., San Jose.
Tile Work—Chase Lumber Co., San Jose.
Glass—Le Delt Glass Co., 762 Lenzen Ave., San Jose.
Brick Work—Frank Filben, 1140 Martin Ave., San Jose.
Lathing and Plastering—Joe Provenzano, 85 N. Willard, San Jose.
Lumber—Chase Lumber Co., San Jose.
Hardware—San Jose Hardware Co., San Jose.
Painting—Mortenson Bros., 453 Atlanta Ave., San Jose.
Concrete—J. C. Bateman, 573 Hedding St., San Jose.
Flooring—A. Phillps, 1686 Park Ave., San Jose.
Window Shades — San Jose Window Shade Co., 88 S. 2nd St., San Jose.
Reinforcing Steel—San Jose Steel Co., 1344 Alameda, San Jose.
Structural Steel—Ingfer Iron Works, 535 W. San Carlos St., San Jose.
As previously reported plumbing and heating awarded to Wm. F. Serpa, 497 N. 13th St., San Jose, at $6,695.

BONDS DEFEATED

LATON, Fresno Co., Cal. — Laton Joint Union High School District defeated bond issue January 31. Proceeds were to have financed construction of an auditorium and gymnasium at the Laton Joint Union High School. Preliminary plans prepared by Architect Chas. H. Franklin, T. W. Patterson Bldg., Fresno.

To Ask Material Bids.

SCHOOL Cost, $21,000
ALAMO, Contra Costa Co., Calif.
One-story frame grammar school (4 classrooms).
Owner—Alamo School District.
Architect—Fred Reimers, 233 Post St., San Francisco.
Building will be financed with WPA funds.

Bids Opened.

WAREHOUSE, ETC. Cost, $54,500
BAKERSFIELD, Kern Co., Calif. K and L Streets.
Warehouse, shop and garage building (reinforced concrete construction, brick filler walls).
Owner—Bakersfield City School District.
Architect—Ira W. Hoover & Wm. C. Hayes (Edwin J. Symmes office) Haberfelde Bldg., Bakersfield.
Low Bidder—A. J. Hendricks, Bakersfield.
Complete bids follow:

A. J. Hendricks	$60,492
Opperman & Kampe	63,510
Williams & Greenough	68,440

All of Bakersfield.
Bids held under advisement.

LOW BIDDER

LOS ANGELES, Cal.—R. J. Daum, 3964 Budlong Ave., submitted low bid to the Los Angeles board of education at $62,000 for the reconstruction, rehabilitation and strengthening the 1926 portion of the main building at 97th Street School, 400 W. 97th St. Paul C. Pape, 2153 N. Highland Ave. Architect, and David H. Merrill, 580 I. W. Hellman Bldg., structural engineer.

LOW BIDDER

LONG BEACH, Cal.—Myers Bros., 3407 San Fernando Rd., Los Angeles, submitted low bid on general contract to Long Beach board of education at $79,988 for the construction of the administration building with boiler room and field work at Chas. A. Lindbergh junior high school. F. H. Gentry, structural engineer, Jergins Trust Bldg., Long Beach, and D. E. Herrald, architect, 732 Pine Ave., Long Beach. 5

Contracts Awarded.

CHEMISTRY BLDG. Cost, $1,200,000
SEATTLE, Wash. Campus of University of Washington.
Three- and four-story reinforced concrete chemistry building (exterior walls faced with brick, cast stone or terra cotta trim, flat roofs, quarry tile or terrazzo floors, direct radiation heating system, etc.)
Owner—State of Washington.
Architect — F. A. Naramore, Central Building, and Clyde Grainger, and Donald Thomas, Arcade Building, Seattle.
Supervising Architects—Bebb & Gould Hoge Bldg., Seattle.
Contractor—Sound Constr. & Engr. Co., Seattle, $376,624.
As previously reported, plumbing & heating awarded to Wenzler-Ward, Ashwell & Twist and Rutman Plumbing & Heating Co., Seattle, $245,467; electric to O. A. Carlson, Seattle, $62,331; lighting fixtures to Cascade Fixture & Lighting Co., Seattle, $23,961.

General Contract Re-Awarded
NORMAL SCHOOL Cost, $230,000
ELLENSBURG, Washington.
Normal school (auditorium to seat 1,000; classrooms, shop, etc.)
Owner—State of Washington.
Architect—John W. Maloney, Larson Building, Yakima.
Contractor—Henrikson-Alstrom Const. Co., Seattle.
As previously reported, plumbing, heating and ventilating awarded to G. Rushlights, 407 SE Morrison, Portland at $37,172; electric to NePage-McKenny Co., 806 Sixth South, Portland, at $13,064.

Contracts Awarded
GYMNASIUM Cost, $115,000
WALLA WALLA, Washington.
Physical Education Building (122x170 ft.) separate gyms. for boys and girls; boys' gym. to have seating accommodations for 1800 with provisions for collapsible seats; offices under balcony.
Owner—Walla Walla School Dist. (W. M. Kern, Supt. of Schools).
Architect—John W. Maloney, Larson Building, Yakima.
Contractor—Colonial Const. Co., 326 First St., Spokane, $96,597.
Plumbing and Heating — W. R. O'Rourke, 109 S 2nd St., Walla Walla, $6,548.
Electric—Estep Electric Co., 717 West Yakima, $3,268.

LOW BIDDER
LOS ANGELES, Cal.—Atlas Const. Co., 39 Congress St., Pasadena, submitted low bid to Los Angeles board of education at $45,000 for reconstruction, rehabilitation and strengthening of the main building at 39th Street School, corner of 39th St. and Fifth Ave. Chas. M. Hutchinson, 1132 Central Bldg., architect, and Wm. Mellema, 1661½ Beverly Blvd., structural engineer.

LOW BIDDER
LOS ANGELES, Cal.—Pacific Realty & Building Co., 433 E. Broadway. Long Beach, submitted low bd to Los Angeles board of education at $87,570 for reconstruction, strengthening and rehabilitation of the main brick building at Belvedere elementary school, 3724 E. First St. Train & Cressey, 226 Third and Hill Bldg., architects, and Laurence J. Waller, 931 Micheltorena St., structural engineer.

BIDS OPENED
SAN FRANCISCO.—Ace & Square Deal Floor Company at $20.00 submitted low bid to Department of Public Works for sanding and refinishing floors in principal's and outer offices, involving approximately 300 sq. ft., at the Edward Robeson Taylor School, Burrows and Somerset Streets.
Other bidders were:
Regal Floor Company.....$21.00
Inlaid Floor Company..... 22.50
Bids held under advisement.

BIDS WANTED
RENO, Nevada.—Until February 12, 7:30 P. M., bids will be received by J. D. Cameron, Clerk, Reno School District No. 10, Washoe County, for construction of a new Southside grammar school in Reno. Bids will be taken as follows:
(1) New grammar school;
(2) Heating system;
(3) Ventilation system.
Plans and specifications may be obtained from Architect Laurence A. Gulling, 209 Ryland St., Reno, upon deposit of $15.00.

16— BANKS, STORES AND OFFICES

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. SE Twelfth and Mission Streets.
Alterations to store.
Owner—Firestone Tire & Rubber Co.
Architect—Not Given.
Contractor—George Wagner, 181 South Park, San Francisco.

Contract Awarded.
STORES AND FLATS Cost, $6000
SAN FRANCISCO. S Taraval St. E Twenty-first Ave.
Two-story frame stores and flats.
Owner — Dr. F. Osgood, 927 Taraval St., San Francisco.
Architect—Not Given.
Contractor—Bernardt and Cowen, 924 Taraval St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. NW Market and Battery Street.
Alterations to store building.
Owner—Bouquet Cohn, Premises.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Rausch St., San Francisco.

Contract Awarded.
SHOPS AND OFFICES Cost, $15,000
REDDING, Shasta Co., Calif.
One-story frame, stucco and concrete salesroom, shops and office building (100x75 feet).
Owner — Butte Tractor Equipment Co., Chico.
Architect—Not Given.
Contractor—J. P. Brennan, Redding.

BIDS REJECTED
SAN FRANCISCO.—Department of Public Works rejected only bid received for removing vault in Assessor's office, City Hall. One bid was submitted by Hanson Bros., 5840 Mission St., at $1,195.

Contract Awarded
STORE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. E Alameda near Cinnabar Street.
One-story store building.
Owner—Irving Normandin, 509 Hoover St., San Jose.
Architect — Ralph Wyckoff, Anglo Bank Bldg., San Jose.
Contractor — W. M. Caldwell, 1241 Hedding St., San Jose.

Contract Awarded
ALTERATIONS Cost, $26,000
SAN FRANCISCO. 775 Mission St.
Alterations to 3-story building (work involves new concrete front, new elevator, new roof, new flooring, plaster ceilings, partitions, etc.)
Owner—National Cash Register Co.
Architect—Albert F. Roller, Crocker First National Bank Building.
Contractor—D. L. Bienfield, 666 Mission Street.

Contract Awarded
ALTERATIONS Cost, $4,000
REDWOOD CITY, San Mateo Co., Cal. Broadway.
Alterations to store building.
Owner—Andrew Investment Company.
Architect—Not Given.
Contractor—L. N. Pollard, 55 Brewster St., Redwood City.

SUB-BIDS WANTED
SACRAMENTO, Calif.—Barrett and Hilp, 918 Harrison St., San Francisco desire sub-bids on all portions of the work for the construction of the Motor Vehicle Building to be erected in Sacramento for the State of California, for which bids will be opened on February 11, 2 P. M.
Plans prepared by Geo. B. McDougall, State Architect, Sacramento.

Planned
DEPT. STORE Cost, $——
MADERA, Madera Co., Calif. Site to be selected.
New store building (type of construction not determined).
Owner—Montgomery Ward & Co. Chicago.
Plans by Engineering Dept. of Owner, Chicago.
Further details will be announced at a later date.

Segregated Bids Being Taken.
ALTERATIONS Cost, $——
STOCKTON, San Joaquin Co., Cal. 24 North Sutter Street.
Alterations for branch and office bldg.
Owner—American Trust Co., 464 California St., San Francisco.
Plans by Engineering Dept. of Owner. Bids are being received from local contractors only.

February 4, 1936
Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 32-42 Turk Street.
Alterations to hotel and store.
Owner—Cypress Lawn Cemetery Association.
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market Street.

Contract Awarded
ADDITION Cost, $750,000
PORTLAND, Ore. 2741 NW Vaughn Street.
Nine-story wing addition to store bldg. (181x122 ft.) fireproof construction
Owner—Montgomery Ward & Co., Chicago.
Plans by Engineering Dept. of Owner
Contractor—Guy F. Atkinson, Porter Bldg., Portland. 16

February 4, 1936
Plans Being Completed.
STORE Cost, $14,000
OAKLAND, Alameda Co., Cal. Grand Avenue.
One-story reinforced concrete store building (50x80 feet).
Owner—Withheld.
Architect — Williams & Wastell, 374 17th St., Oakland.

Low Bidder.
MARKET & OFFICES Cost, $——
SAN FRANCISCO. Columbus Avenue and Green Street.
Two-story and basement market and office building (first floor of reinforced concrete, 2nd floor of steel frame and wood joists).
Owner—J. Capurro.
Architect—M. J. Rist, Phelan Bldg., San Francisco.
Lessee—Buon Gusto Market, 458 Columbus Ave., San Francisco.
Low Bidder — M. E. Vukicevich, 709 Mission St., San Francisco.

To Be Done By Day's Work
STORE Cost, $5,000
OAKLAND, Alameda Co., Calif. 3823 Hopkins Street.
One-story frame store building.
Owner—Milton Salonites, 1659 E. 33rd St., Oakland.
Architect—Not Given.

Plans Being Figured
OFFICE Cost, $——
ST. HELENA, Napa Co., Cal. Oak St.
One-story frame and stucco telephone office building.
Owner—Pacific T. & T. Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner. Harry Thorsen and G. O. Jursch, St. Helena, will submit bids.

Contract Awarded.
ALTERATIONS Cost, $2000
STOCKTON, San Joaquin Co., Calif. No. 10 North California Street.
Alterations to building.
Owner—General Credit Corp.
Architect—Not Given.
Contractor — Lewis & Green, P. O. Box 121, Stockton.

Preparing Plans.
STORE Cost, $——
SAN FRANCISCO. Marina District.
One - story frame and stucco store bldg. (25x100 feet).
Owner—Withheld.
Architect—R. R. Irvine, 3431 Market.

Contract Awarded.
ALTERATIONS Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. No 1011 Ninth Street.
Alterations and additions to the Rosemont Cafe (new front, alter interior, etc.)
Owner—Rosemont Grill (Geo. Lucich, Proprietor), Sacramento.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor—H. W. Robertson, 3004 F St., Sacramento.

SUB-BIDS WANTED
SACRAMENTO, Calif. — Dinwiddie Const. Co., Crocker Bldg., San Francisco, desires sub-bids on all portions of the work for the construction of the Motor Vehicle Building to be erected in Sacramento, for which bids will be opened Feb. 11, 2 P. M., by the State Department of Public Works.
Plans prepared by George B. McDougall, State Architect, Public W'ks Bldg., Sacramento. *

BIDS OPENED
SAN FRANCISCO.—D. N. and E. Walter Co., 562 Mission St., at $54.20 excluding sales tax, submitted only bid to Department of Public Works for furnishing and installing approximately 21 yards of 8 thread monks cloth dyed to harmonize with wood work in the ante room of the Mayor's Office, City Hall. *

Contract Awarded.
MARKET AND OFFICES Cont. Price, $19,624
SAN FRANCISCO. Columbus Avenue and Green Street.
Two-story and basement market and office building (first floor of reinforced concrete, 2nd floor of steel frame and wood joists).
Owner—J. Capurro.
Architect—M. J. Rist, Phelan Bldg., San Francisco.
Lessee—Buon Gusto Market, 458 Columbus Ave., San Francisco.
Contractor — M. E. Vukicevich, 709 Mission St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $16,000
SAN FRANCISCO. SW Stockton and Geary Streets.
Alterations to offices.
Owner—Leila Butler Hedges, Emma B. McNear.
Architect—Bliss & Fairweather, Balboa Building.
Contractor—Lindgren and Swinerton, 225 Bush Street.

17— THEATRES

CONTRACT AWARDED
SAN BERNARDINO, Calif.—A. E. Taylor & Son, 304 South E St., San Bernardino, awarded general contract at $36,940 for erection of a theatre, store and office building on the northeast corner of Base Line and Stoddard St., San Bernardino, for Dr. J. A. Patterson, 424 Base Line, San Bernardino. W. L. Culver, Jr., 20 Fuller Bldg., San Bernardino, architect.

Plans Being Figured—Bids Close Feb. 10th.
ALTERATIONS Cost, $——
ALAMEDA, Alameda County, Calif.
Alterations to Strand Theatre (new lobby, remodel auditorium, marquee new display frames, new chairs, drapes, lighting fixtures).
Owner—Nasser Bros., 25 Taylor St., San Francisco.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont, is among the contractors figuring the plans.

Painting Contract Awarded
ALTERATIONS Cost, $——
STOCKTON, San Joaquin Co., Calif.
Alterations to theatre building (painting, decorating, sound and projection equipment, etc.)
Owner—Herbert Rosener Company.
Architect—Not Given.
Painting and Decorating—A. H. Davies, 318 E. Miner St., Stockton.

Contract Awarded
THEATRE Cost, $100,000
SANTA CRUZ, Santa Cruz Co., Cal. E Pacific Avenue 200 S Soquel.
Two-story Class C reinforced concrete theatre (71x160 ft.) 1500 seats.
Owner — Pacific Amusement Co., 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Salih Bros., 25 Taylor St. San Francisco.

18— WHARVES & DOCKS

BIDS OPENED

SAN DIEGO, Cal.—Charles and F. W. Steffgen, 2015 Bay Front St., San Diego, at $1,494 submitted low bid to the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8158, for driving foundation piles at the Naval Operating Base (Marine Corps Base) San Diego.

The work consists of furnishing of driver, equipment, labor and driving 72 concrete foundation piles, each 14 inches square and 25 feet long. The government will furnish the piles and will do such excavation work as may be required for advance preparation for driving the piles.

The other bids were:
Lipscomb & Barclay, San Diego..$1,500
V. R. Dennis Const. Co., San Diego 1,728

Plans Awaiting PWA Approval.
DOCK AND SHED Cost, $50,909
STOCKTON, San Joaquin Co., Calif. Stockton Waterfront.
Local freight and barge transshipment dock & transit shed. Heavy mill construction, corrugated iron covering, composition roofing, concrete floors, etc.
Owner—Stockton Port Commission.
Plans by Engineering Dept. of Owner.
Upon approval of plans by the PWA bids will be asked.

19—MISC. CONSTRUCTION

Preparing Preliminary Working Drawings
TERMINAL Total cost including approach viaduct $6,300,000
SAN FRANCISCO. Mission St. bet. Beale and Second Streets.
Three-story and basement structural steel and reinf. concrete bridge terminal (164x700 ft.) train platforms with access to six tracks 20 feet above street level; waiting rooms, concession spaces, etc.
Owner--State of California.
Plans by Engineering Department of San Francisco-Oakland Bay Bridge 500 Sansome St., San Francisco (C. H. Purcell, chief engineer).
Consulting Architects—Timothy Pflueger, 580 Market St., San Francisco, Arthur Brown, Jr., 251 Kearny St., San Francisco, and John J. Donovan, 950 Parker St., Berkeley.

BIDS OPENED

SAN FRANCISCO — Hanson Bros., 5840 Mission St. at $416 submitted only bid to Department of Public Works for moving two bungalows from the Patrick Henry School, Vermont St., between 18th and 19th Sts., to the Lincoln School, Harrison St., between Fourth and Fifth Sts.
(8829) 1st report Feb. 3, 1936. * 19

BIDS OPENED
SAN FRANCISCO.—D. J. & T. Sullivan, 1942 Folsom Street, at $292.00 submitted low bid to Department of Public Works for moving two bungalows from the Farragut School, Holloway, between Capitol and Faxon, to the Winfield Scott School, Divisadero St. between Beach and North Point.
Only other bid was submitted by Hanson Brothers at $525.00.
Bids held under advisement. *

TO ASK BIDS
HAYWARD, Alameda Co., Calif.—Hayward City Council will ask bids shortly for tiling 75% of the wall area of the swimming pool under construction in Hayward. De Luca & Son, 1745 Filbert St., San Francisco, general contractors.
Plans were prepared by Architect George Simonds, 192 Main St., Hayward.
An additional $4,500 grant was approved by the PWA.

BIDS OPENED
BOULDER DAM, Nev. — Following bids received by the Bureau of Reclamation, Denver, Jan. 30, under Spec. No. 761-D, for furnishing granite base for the elevator towers and two utility towers at the Boulder Dam, Boulder Canyon Project
V. C. Coleman and Co., Colorado Springs, $1,669 fob Colorado Springs; delivery in 41 days.
Colorado Wholesale Granite Co., $1-969 fob Denver; delivery in 60 days.
Bids held under advisement.

SEEK FUNDS
HUNTINGTON PARK, Los Angeles Co., Cal.—Huntington Park city council has applied to the PWA for a 45% grant for a proposed swimming pool to be constructed in the Huntington Park municipal park at an estimated cost of $120,000. The city's share of the cost of the project is already available.

Contract Awarded.
FUNERAL HOME Cost, $10,000
SONORA, Tuolumne Co., Cal. Stewart and Williams Sts.
Two-story frame funeral home.
Owner—Terzich-Bigelow Company.
Architect—Not Given.
Contractor — O. J. Sherer, Angels Camp.

Construction Started
HANGAR & SHOP Cost, $100,000
BAKERSFIELD, Kern County, Calif. County Airport.
Hangar and shop bldg. (300x132-ft.) steel frame structure, requiring 150 tons of structural steel, metal siding, metal lumber, steel sash, steel rolling doors, etc.
Owner—County of Kern.
Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Project being financed with WPA funds. •

BIDS WANTED
SAN FRANCISCO.—Until February 5, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for moving two bungalows from the Farragut School, Holloway, between Capitol and Faxon to the Winfield Scott School, Divisadero Street between Beach and North Point Streets.
Further particulars may be obtained from R. A. Chisholm, Supt. of Buildings, 484 11th Street.

Contract Awarded.
SCHOOL Cont. Price, $39,487
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (six classrooms and gymnasium), steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.

BIDS OPENED
OAKLAND, Alameda Co., Cal—Following submitted high bids to State Division of Highways, Jno. H. Skeggs, District Engineer, Room 800, 500 Sansome Street, San Francisco, for the sale of various buildings located in Oakland.
A—218: 3232 Beach Street, Oakland. Four (4) room frame dwelling with 440 square feet floor space. Sheds not included. Available two days after bid accepted.
Miller Wrecking Co., $40.
A-247: 1394 16th St., Oakland. Six (6) room and basement frame dwelling with 1050 square feet floor space. Available two days after bid accepted.
Sousa Lumber Yard, $50.
A-252: 1388 14th St., Oakland. Fruit stand with 440 square feet floor space. Shed 96 square feet. Available two days after bid accepted.
Symon Bros. Wrecking Co., $15.
A—253: 1396 14th St., Oakland. Two frame flats, five (5) rooms each, with total 2010 square feet floor space. Garage 720 square feet. Available April 1, 1936.
A. Morando, $330.
A—256A: 1395 13th St., Oakland. Five (5) room frame dwelling with 850 square feet floor space. Barn 550 square feet. Shed 36 square feet. Availabale March 1, 1936.
C. F. Roberts, $27.
A—256B: 1399 13th St., Oakland. Six (6) room and basement frame dwelling with 1160 square feet floor space. Shed 320 square feet. Available March 15, 1936.
F. J. Ramme, $353.
A—256C: 1401 13th Street, Oakland. Two (2) story, Seven (7) room frame dwelling with 1500 square feet floor space. Available March 1, 1936.
A. Kuttes, $43.50.
A—256D: Rear 1401 13th St., Oakland. Two (2) story five (5) room, basement and garage frame dwelling with 860 square feet floor space. Available March 1, 1936.
C. F. Roberts, $41.
A-270A: 1396 Tenth St., Oakland. Five (5) room and basement frame dwelling with 1370 square feet floor space. Available two days after bid accepted.
Wiley Wrecking Co., $80.
A—270B: 1398 10th Street, Oakland. Five (5) room and basement frame dwelling with 1370 square feet floor space. Available two days after bid accepted.
Wiley Wrecking Co., $85.
A-271: 946-948 Cypress St., Oakland. Two (2)frame flats of Five (5) rooms each with total 1640 square feet floor space. Garage 320 square feet. Available April 1, 1936.
C. F. Roberts, $61.
A—274: 934 Cypress St., Oakland. Five (5) room and basement frame dwelling with 930 square feet floor space. Available April 1, 1936.
I. J. Smith, $75.
A—278A: 1398 9th Street, Oakland. Five (5) room and basement frame dwelling with 1500 square feet floor space. Garage 135 sq. ft. Available two days after bid accepted.
J. H. Bowen, $81.
A—278B: 916 Cypress St., Oakland. Five (5) room and basement frame dwelling with 910 square feet floor space. Available March 1, 1936
Maurice Chernow, $300.

Contract Awarded.
BOTTLING & CELLAR UNIT. $——
TACOMA, Washington.
Three-story reinforced concrete bottling and cellar unit (42x170 ft.) built-up roofing, rolling doors, fire doors, folding gates, steel bridges & stairs, steel trusses, steel sash cast stone coping, waterproofing and cork insulation, metal stalls, vapor-proof switches, lead covered wire, etc.
Owner—Columbia Breweries, Inc., 2120 South St., Tacoma.
Architect—E. J. Bresemann, Perkins Bldg., Tacoma.
Contractor—J. W. Bailey Constr. Co., Insurance Bldg., Seattle.
Reinforcing Steel — Northwest Steel Rolling Mills, Inc., 4315 19th Ave. NW., Seattle.
Plastering—Fred Stabbert, 815 North L St., Seattle. •

CONTRACT AWARDED
TURLOCK, Stanislaus Co., Calif.—Turlock City Council awarded contract to Shulman-Conroy Painting Co. 609 Frederick St., San Francisco, at $1,350 for repainting two water tanks for the City of Turlock. • 19

NEW BIDS WANTED
SAN FRANCISCO.—Until Feb. 13, 2 P. M., new bids will be received by State Board of Harbor Commissioners, Ferry Bldg., for removing wooden shed down to deck of Pier No. 9.
Previous bids were rejected, the lowest bid being submitted by Dolan and Nutting, at $2,800. • 19

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED
LONG BEACH, Los Angeles Co., Cal.—Bids for furnishing and delivering on American Ave., between Anaheim St. and Willow St., 16 steel poles, including wiring outlets and pole tops, in accordance with Spec. R-874 for tubular steel poles or Spec. No. R-875, for fluted tapered steel poles, were opened by R. M. Dorton, City Manager, Long Beach, January 29. **The bids were:**
Electric Railway Equipment Co., $15,504.
Crane Co., $16,000 (not including crossarms, etc.)
Taper Tube Pole Co., $16,135.04; alternate bid, $13,999.34.
A. J. Bayer Co., $20,478.
Union Metal Co., $23,800

BIDS OPENED
LONG BEACH, Los Angeles Co., Cal.—Four identical bids were submitted to R. M. Dorton, City Manager, Long Beach, January 29, at $942.04, for furnishing and delivering steel pole accessories (cross arms, insulator pins, pole collars) under Spec. No. R-874, by the following: L. B. Marsh Electric Co.; Joslyn Co.; Graybar Electric Co., and General Electric Supply Corp.
Maydwell & Hartzell bid $970.37.
All cash discounts, 2%, 10th prox.

CONTRACT AWARDED
MONTROSE, Colo. — Midwest Steel & Iron Works Co., Denver, at $4,287 fob Montrose awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 752-D, for furnishing structural steel supports for five metal flumes, Uncompahgre Project, Colo.

Award Recommended.
RESIDENCES AND LABORATORY Cont. Price, $13,436
VALLEJO, Solano Co., Calif.
Two-story frame duplex residence (1 6-room and one 5-room residence) redwood siding, electric heaters, electric hot water, composition roof, septic tank, etc.) and two-story frame laboratory bldg. (redwood siding) three garages.
Owner—City of Vallejo.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—James Bitcon, 629 Louisiana St., Vallejo.
Recommendation made to the PWA that contract be awarded to James Bitcon.
Complete bids published Feb. 5.
(8641) 1st report Jan. 6; 3rd Feb. 5, 1936. • 14

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.
Two - story and basement frame and stucco residence.
Owner—Mr. Frost.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.
Contractor—T. H. Lapham, 546 Kenmore Ave., Oakland.
(8840) 1st report Feb. 5, 1936. • 14

Contract Awarded
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif.
Two-story frame and rustic residence (shake roof, gas heating system, hardwood floors, etc.)
Owner—Mr. Beebe.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland. •
(8841) 1st report Feb. 5, 1936. 14

Plans Being Figured—Bids Close Feb. 14th.
COTTAGES Cost, $4,000
STOCKTON, San Joaquin Co., Calif. Six miles out of city on Cherokee Lane.
Two 1-story guest cottages (2 rooms each) shingle exterior, shingle roof, gas heaters, etc.
Owner—Mr. Hatch.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
(8866) • 14

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

RECLAMATION BUREAU

COLORADO RIVER PROJECT, Texas—Until February 10, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 766-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Beverly, Texas, 20,000 bbls. of standard cement in bulk, 5000 bbls. of standard cement in cloth sacks; 290,000 bbls. modified or standard Portland cement in cloth sacks; and 50,000 bbls. modified or standard cement in bulk, for the Hamilton Dam and the Arnold Dam, Colorado River Project, Texas.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 25c, not returnable.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Feb. 17, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1509, for furnishing four manual control solution feed visible vacuum chlorinating machines:

(1) two manual control solution feed visible vacuum chlorinating machines, for the Calaveras Chlorinating Station;
(2) two do, for the Irvington Chlorinating Station;
(3) four beam scales, 3500-lb. capacity, 30 x 66 - inch platform, steel frame mounting, nickel plated beam, for the Calaveras and Irvington Chlorinating Stations.

Delivery fob cars Sunol.

Specifications obtainable from above office.

VET'S ADMINISTRATION

WHIPPLE, Arizona.—Until Feb. 17, bids will be received by Procurement Division, Veterans' Administration, Washington, D. C., for one washing machine for the laundry at the Veterans' Administration Facility, Whipple, Ariz. Proposal No. 379-M.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

MACHINE, motor-driven band saw, woodworking machine, and drill press; Mare Island. Sch. 7102; Feb. 11.
SHAPER, motor-driven vertical; Mare Island. Sch. 7099; Feb. 11.
FOUNTAINS, 9 electrical drinking fountains and spares; Mare Island. Sch. 7091; Feb. 11.
FLASKS, 132 seamless steel flasks for compressed air; Mare Island. Sch 7088; Feb. 11.
MACHINE, welding; Mare Island. Sch. 7098; Feb. 11.
MACHINE, motor-driven universal die-sinking, vertical type, oscillating head; Mare Island. Sch. 7101; Feb. 11.
SPRINGS, 1200 fabric and 32,000 helical; Mare Island. Sch. 7110; Feb. 14.
COVERING, 10,620 ft. magnesia pipe covering and 44,000 lbs. asbestos magnesia plaster; Mare Island. Sch. 7103; Feb. 14.
OSCILLATION, 1 crystal - controlled standard frequency; Mare Island. Sch. 7126; Feb. 14.
DRILLS, 40 high-speed steel twist drills; Mare Island. Sch. 7118; Feb. 14.
DRIER, 2400 lbs. cobalt drier and 9600 lbs. lead drier; Mare Island. Sch. 7114; Feb. 14.
MACHINES, 3 electrically operated dishwashing machines and spares; Mare Island. Sch. 7120; Feb. 14.
ANGLES, 161,000 lbs. plain steel angles and 20,000 lbs. structural steel channels; Mare Island. Sch. 7119; Feb. 14.
CABLE, 18,500 ft. electric, Mare Island. Sch. 7109; Feb. 14.
FURNACES, 4 boiler; Mare Island. Sch. 7147; Feb. 18.

Information obtainable from the above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

WAR DEPARTMENT

FORT MASON, Cal.—Until Feb. 14, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-196, for furnishing brush handles, mop handles, cotton mops, twist drills, handle scoops, combination squares, etc.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Feb. 11, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Co. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-166, for furnishing:

(1) 150 ft. No. 14 gauge corrugated galvanized iron culvert pipe, 18-in. diam.
(2) 4 band couplers, No. 14 gauge.
(3) 2 galvanizd corrugated cut-off walls.
(4) One 18-inch automatic drainage gate.

Delivery f.o.b. Sacramento.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Feb. 10, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-36-163, for furnishing and delivering miscellaneous castings.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Feb. 13, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-168, for furnishing 600 ft. No. 14 gauge corrugated galvanized iron culvert pipe, 29 band couplers, and one 12-in. automatic drainage gate.

Delivery f.o.b. Molena, Calif.

Specifications obtainable from the above office.

RECLAMATION SERVICE

DENVER, Colo.—Until Feb. 17, 2 P. M. (date postponed from February 6, previously reported) bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 664, for furnishing and delivering fob cars at the shipping point and/or fob cars at railroad destination four 36-in., two 48-in. two 60-in. and two 84-in. diameter interior or internal differential needle valves for installation in the outlet works at Agency Valley Dam, Vale Project, Ore.; Moon Lake Dam, Moon Lake Project, Utah; Taylor Park Dam Uncompahgre Project, Colo., and Alcova and Seminoe Dams, Casper-Alcova Project, Wyo. The valves will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $5.00, not returnable.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until February 10, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 3162: 50 miles No. 12 BWG galvanized iron telephone wire; all-rail shipment fob Augusta, Me.
BID NO. 3161: (1) 2½ miles No. 9 BWG galv. iron telephone wire; (2) 10 miles No. 12 do; all-rail shipment fob Bartlett, N. H.
BID NO. 3160: (1) 6 miles No. 9 BWG galv. iron telephone wire; (2) 14 miles No. 12 do; all-rail shipment fob Manchester Depot, Vermont.
BID NO. 3142: 1,014 electric headlights, complete except batteries; fob bidder's shipping point and/or Portland, Oregon.
BID NO. 3141: 186 box pocket compasses, aluminum cases; fob Portland, Oregon.
BID NO. 3140: Back Pack Outfits, Pak-ezy: (1) 128 water cans; (2) 317 pumps; (3) 1,468 ft. ½-in. wire insert hose; fob bidder's shipping point and/or Portland, Oregon.

Specifications obtainable from above office.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until Feb. 10, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 31321, Req. No. 21302, for furnishing three heavy weight jackhammer drills for ⅞-in. steel; drill must be equipped with steel rifle bar nut.

Delivery fob Belden, Shop 2.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until Feb. 10, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 31322, Req. No. HS 11757, for furnishing one 10-ft. dual-drive pneumatic-tired motor grader, with scarifier attachment, canopy top and curtains.

Delivery fob Sacramento, Headquarters Shop.

Specifications obtainable from above office.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until Feb. 19, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, as follows:

PROPOSAL 720: 24,000 barrels Portland cement;
PROPOSAL 721: 2200 tons fine aggregate.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

MERCED COUNTY, Cal.—Until Feb. 17, 11 A. M., bids will be received by the Merced County Board of Supervisors, P. J. Thornton, Clerk, Court House, Merced, for the construction of bridges as follows:

BRIDGE NO. 154: In Road Dist. No. 4, over San Joaquin Co.'s Kings River Canal and Irrigation Co.'s Canal on Fahey Road.

BRIDGE NO. 254 In Road Dist. No. 4, over San Joaquin and Kings Canal & Irrigation Co.'s Canal on Quinto and Ingomar Road.

BRIDGE NO. 256 In Road Dist. No. 4, over San Joaquin and Kings River Canal & Irrigation Co.'s Canal on Cottonwood School House Road.

Plans and specifications obtainable from the County Surveyor upon deposit of $10.00. *

SUB-CONTRACTS AWARDED

SAN FRANCISCO — M. B. McGowan, Inc., 74 New Montgomery St., general contractor,, has awarded the following sub-contracts in connection with the widening of an undergrade crossing under the tracks of the Southern Pacific Railroad at Army St., San Francisco:

Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.

Concrete Work, Etc.—F. C. Amoroso & Sons., Keith and Wallace Sts., San Francisco.

Painting—D. E. Burgees, 282 7th St., San Francisco.

SUB-CONTRACTS AWARDED

ALAMEDA COUNTY, Cal.—J. F. Knapp, 1401 Park Ave., Oakland, general contractor has awarded the following sub-contracts in connection with construction of a undergrade crossing of Peralta St., Adeline St., and San Pablo Ave., in the cities of Oakland and Emeryville, consisting of reinforced concrete rigid frame underpass structures and retaining wall approaches and paved street connections:

Reinforcing Steel:—Soule Steel Co., 1750 Army St., San Francisco.

Concrete—Transit Concrete, Co., Ltd., 2500 Peralta St., Oakland.

Electrical—Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco.

Lumber—Tilden Lumber Co., 400 High St., Oakland.

SUB-CONTRACTS AWARDED

ALAMEDA COUNTY, Cal.—J. F. Knapp, 1401 Park Ave., Oakland, general contractor, has awarded the following sub-contracts for construction of an overhead crossing over the tracks of the Southern Pacific Co. near El Cerrito Hill in the City of Albany, consisting of reinforced concrete girder spans with concrete deck, having a total length of approximately 1500 feet:

Piles—Raymond Concrete Pile Co., 333 Montgomery St., San Francisco.

Pre-Mix Concrete — Chas. S. Hughes Co., 1001 Ashby Ave., Berkeley.

Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.

Lumber — Tilden Lumber Co., 400 High St., Oakland.

CONTRACT AWARDED

MODESTO, Stanislaus Co., Cal.—Harry Brown, Rt. 4, Box 1551, Modesto, at $4398 submitted low bid and awarded contract by the Modesto City Council for the construction of a reinforced concrete bridge on Sycamore Ave. across the Modesto Irrigation District Lateral No. 4.

Frank J. Rossi, City Engineer. 21

CONTRACT AWARDED

SHASTA COUNTY, Cal.—Daniel G. Longtin, deYoung Bldg., San Francisco, at $3,301.40 awarded contract by the State Highway Commission, Sacramento, for borings to be made at the site of the proposed combination highway and railroad bridge over the Pit River, to be constructed in connection with Kennett Dam.

CONTRACT AWARDED

SKAGIT CO., Wash.—Manson Construction and Engineering Co., Canadian Dock, Seattle, at $117,782 awarded contract by Skagit County Board of Supervisors for construction of the Swinomish Slough Bridge on the Cascade Highway.

Robert E. L. Knapp, county engineer. *

SUB-CONTRACTS AWARDED

ALAMEDA COUNTY, Cal.—Following sub-contracts awarded by Lindgren & Swinerton, Inc., 1723 Webster St., Oakland, general contractor, for construction of an undergrade crossing under the tracks of the Sacramento Northern Railway at Broadway Terrace, Oakland, consisting of two concrete abutments, one concrete center pier and steel superstructure, and grading and surfacing with plant-mixed surfacing approximately 0.34 mile roadway:

Asphalt, Aggregate and Screenings: Ransome Co., 4030 Hollis St., Emeryville.

Structural Steel—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.

Reinforcing Steel: W. S. Wetenhall Co., 17th and Wisconsin Streets, San Francisco.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

SUB-CONTRACTS AWARDED

SAN JOAQUIN COUNTY, Cal.—Lindgren & Swinerton, Inc., 1723 Webster St., Oakland, general contractor, has awarded the following sub-contracts in connection with construction of an overhead crossing over the tracks of the Southern Pacific Railroad, one-half mile east of Tracy, consisting of one 81 ft. and two 48 ft. plate girder spans, two 52-ft. steel beam spans, and twenty-nine 40 ft. reinforced concrete girder spans on concrete bents and abutments with wing walls on timber pile foundation, and grading and paving with Portland cement concrete pavement approximately 0.3 mile:

Roadway Excavation, subgrade, finish roadway and imported borrow: Claude C. Wood, 2224 Lakeside Dr. Stockton.

Structural Steel: (furnishing & erecting) Pacific Coast Steel Corp., 20th and Illinois Sts., San Francisco.

Reinforcing Steel: (installing only) J. Phillip Murphy, 3901 Mission St., San Francisco.

Liquid Asphalt and Screenings: Heafey-Moore Co., 344 High St., Oakland.

Driving Piles: P. Sinnock, 147 W. Scotts St., Stockton.

COMPLETE BID LISTING

MODESTO, Stanislaus Co., Calif.—Harry Brown, Laurel Street, Modesto, at $4,398, as previously reported, submitted low bid and awarded contract by the Modesto City Council, January 29, for construction of a reinforced concrete bridge on Sycamore Avenue across the Modesto Irrigation District Laterial No. 4, in Modesto.

Complete bids follow:

Harry Brown, Modesto	$4,398.00
H. Tennyson, Modesto	4,480.00
Nelson & Wallace, Escalon	4,658.60
R. T. Bush, Modesto	4,800.00
F. Kaus, Stockton	4,819.00
J. C. O'Leary, San Francisco	5,253.99
Valley Constructors, Inc., Modesto	5,298.00

23—IRRIGATION PROJ.

CONTRACTS AWARDED

TERRA BELLA, Tulare Co., Cal.—Terra Bella Irrigation District has awarded contract to the Southern Pipe & Casing Co., Azusa, for 7,860 feet of 16-in. 12-gauge electric welded pipe; 3,750 ft. 14-in. 12-gauge, and 2,000 ft. 10-in. 12-gauge pipe for replacements in pipe lines.

Contract has also been awarded the Bradford Machinery Co., Porterville, for two complete deep well turbine pumping units to be driven by 15- and 20-hp. motors.

24— STREET LIGHTING SYSTEMS

BIDS OPENED

SAN FRANCISCO. — R. Flatland, 1899 Mission St., at $2,389 submitted low bid to the Public Utilities Commission, City Hall, for installation of additions to the ornamental street lighting system on Turk Street and Arguello Blvd.; Light & Power Department Contract No. 10.

Lump sum bids were taken for installing 11 20-foot standards furnished by the city; furnishing and installing one 16-ft. standard, 12 luminaries with lamps; constructing 12 foundations and furnishing and installing all necessary conduit, wire, cable and appurtenances. The work also includes moving standard located at the north-

west corner of Parker Ave. and Turk Street to the northeast corner.

Complete bids follow:

R. Flatland, S. F.	$2,389
Underground Const. Co., Berkeley	2,561
Geo. F. Brayer, S. F.	2,750
A. Soda & Son, Oakland	3,331
H. C. Reid & Co., S. F.	3,380
Abbett Electric Works, S. F.	3,484

Bids held under advisement.

25—MACHINERY AND EQUIPMENT

CONTRACTS AWARDED

BOULDER CITY, Nev. — Contracts for furnishing ventilating duct systems and motor-driven exhaust fans for the Arizona and Nevada tunnel plug outlet works and upper and lower Arizona and Nevada penstock tunnels at Boulder Dam, have been awarded by Bureau of Reclamation, Denver, under Spec. No. 755-D, as follows:

J. Herman Co., item No. 1 (two systems) at $1217; Electric Ventilating & Engineering Co., item No. 2 (four systems) at $20,647; American Blower Co., item No. 3 (two fans) at $395 and item No. 4 (four fans) at $2470.40.

28 — FIRE EQUIPMENT

BIDS REJECTED

LODI, San Joaquin Co., Calif.—All bids received by the Lodi City Council February 3 for furnishing 500 ft. of 2½-in. fire hose and 150 ft. of 1½-in. fire hose have been rejected and the material will be purchased in the open market.

29— STREETS AND HIGHWAYS

TO BE DONE BY DAY'S LABOR

WASHOE COUNTY, Nev.—District Engineer C. H. Sweetser of the Bureau of Public Roads, has authorized Robert A. Allen, Nevada State Highway Engineer, to proceed with a Works Program Highway improvement project in Washoe County by Day Labor. The work involves crushed gravel or stone surfacing on Peckham Lane between the junction with Route 3 and about two miles east. Estimated construction cost, $19,000.

TO BE DONE BY DAY'S LABOR

ORMSBY COUNTY, Nev.—District Engineer C. H. Sweetser of the Bureau of Public Roads, has authorized Robert A. Allen, Nevada State Highway Engineer, to proceed with a Works Program Highway improvement project in Carson City by Day Labor. The work involves grading, constructing curbs, gutters and sidewalks and road-mix surfacing on the road from Carson City to the cemetery, and along Mountain St. between Robinson and Caroline Streets. Estimated construction cost, $39,500

COMPLETE BID LISTING

LOS ANGELES COUNTY, Cal. — Southwest Paving Co., 11402 Radford Ave., P. O. Box D, Roscoe, at $35,811.75, as previously reported, submitted low bid to the State Highway Engineer, Los Angeles, for about 0.6 mile grading and paving with asphalt concrete in Los Angeles County through Sunland, between Fenwick St. and Scoville Ave.

The work involves:

(1) 34 stations clearing and grubbing right of way;
(2) 200 M. gallons water;
(3) 4,500 c.y. rdwy. excav., unclass.;
(4) 10,500 sta. yds. overhaul;
(5) 2,500 c.y. imported borrow;
(6) 800 c.y. struc. excavation;
(7) 5,200 sq. yds. subgrade for pave.;
(8) 34 sta. finishing rdwy.;
(9) 725 tons mineral aggregate (plant mixed surfacing);
(10) 40 tons liquid asphalt MC-5 or MC extra heavy (plant - mixed surfacing);
(11) 6 tons liquid asphalt MC-2 (prime coat);
(12) 11,000 sq. yds. preparing, mixing and shaping shoulders;
(13) 140 tons liquid asph. SC-2 (shoulders);
(14) 12 tons do (shoulder prime coat);
(15) 12 tons liquid asph. 90-95 (shoulder seal coat);
(16) 140 tons screenings (do);
(17) 4,200 tons asphalt concrete;
(18) 14,000 lbs. bar reinf. steel (struc.)
(19) 200 c.y. Class A Portland cement concrete (struc.);
(20) 100 l.f. 18-in. CMP;
(21) 110 l.f. removing and salvaging existing culvert pipe;
(22) 650 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks);
(23) 6,500 sq. yds. asph. paint binder;
(24) 7,000 pounds misc. iron and steel (struc.);
(25) 9,500 lbs. steel rail assemblies;
(26) 700 l.f. curb armor;
(27) 310 c.y. removing and disposing of existing concrete.

Total bids follow:

(A) Southwest Paving Co., $35,811.75
(B) P. J. Akmadzich, Los Angeles, $35,929.70.
(C) Geo. R. Curtis Paving Co., Los Angeles, $37,518.75.
(D) Basich Bros., Torrance, $39,477.75
(E) Oswald Bros., Los Angeles, $40,851.75.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	$ 8.50	$ 3.30	$ 5.00	$10.00	$12.50
(2)..	1.00	1.55	2.60	1.00	2.00
(3)..	.56	.40	.45	.35	.45
(4)..	.005	.015	.01	.02	.01
(5)..	.56	.45	.65	.70	.75
(6)..	1.00	1.30	1.00	1.00	1.25
(7)..	.10	.12	.10	.12	.11
(8)..	4.00	3.50	5.00	10.00	6.00
(9)..	1.75	2.00	3.43	2.75	2.95
(10)..	12.50	14.50	15.75	17.00	15.50
(11)..	17.50	21.00	27.50	25.00	23.00
(12)..	.06	.07	.05	.08	.06
(13)..	8.50	8.00	9.50	12.00	8.50
(14)..	14.00	13.00	16.00	12.00	14.50
(15)..	17.50	19.00	22.50	23.00	20.00
(16)..	1.75	2.00	2.45	2.25	1.75
(17)..	2.80	3.00	2.65	2.80	3.45
(18)..	.05	.05	.05	.05	.05
(19)..	17.00	19.00	20.80	17.00	17.50
(20)..	2.75	1.50	2.47	3.00	1.80
(21)..	1.00	.60	.75	1.00	1.00
(22)..	10.00	9.60	11.00	12.00	10.50
(23)..	.02	.02	.03	.04	.03
(24)..	.12	.12	.12	.15	.125
(25)..	.965	.05	.05	.07	.05
(26)..	.85	.80	.95	1.00	.80
(27)..	2.00	1.20	2.25	2.50	3.00

ELKO COUNTY, NEVADA—0.98 MI. HIGHWAY STATE

ELKO COUNTY, Nev.—Gibbons and Reed Co., 165 E. 4th St., Salt Lake City, at $58,797.38, as previously reported, submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, Jan. 31, for the construction of a portion of the State highway system in Elko County, within the city of Elko, a length of approximately 0.98 mile.

The work involves:

(1) 20 cu. yds. remove concrete;
(2) 124 lin. ft. remove culvert pipe;
(3) 77 lin. ft. remove fence;
(4) 5000 cu. yds. roadway excav.;
(5) 6276 sta. yd. overhaul;
(6) 12.102 cu. yds. select borrow;
(7) 1390 cu. yds. structure excav.;
(8) 0.96 mi. subgrade;
(9) 0.98 mi. finish roadway;
(10) 4350 cu. yds. crushed gravel or stone surfacing (roadway);
(11) 545 cu. yds. Class A concrete;
(12) 14 cu. yds. Class B concrete;
(13) 320 cu. yds. Class D concrete;
(14) 101,240 lbs. reinf. steel;
(15) 5300 lbs. structural steel;
(16) 428 lin. ft. 8-in. CMP;
(17) 422 lin. ft. 12-in. CMP;
(18) 78 lin. ft. 18-in. CMP;
(19) 144 lin. ft. 24-in. CMP;
(20) 80 lin. ft. relay culvert pipe;
(21) 1 each adjust manholes;
(22) 10 each monuments;
(23) Lump sum construct railroad crossing;
(24) Lump sum move buildings;
(25) 240 cu. yds. crushed gravel or stone surfacing (sidewalks);
(26) 150 cu. yds. hand-laid riprap;
(27) 950 lbs. castings.

Total bids follow:

(A) Gibbons & Reed Co., Salt Lake City, $58,797.38.
(B) Peninsula Paving Co., San Francisco, $59,207.83.
(C) J. A. Casson, Hayward, $59,981.12.
(D) Pacific Const. Co., San Francisco $60,418.98.
(E) Olof Nelson, Logan, Utah, $64,154.20.
(F) Engineer's estimate, $56,951.03.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 5.00	$ 5.00	$ 1.00	$ 10.00	$ 4.00	$ 5.00
(2)	.50	.75	1.00	1.00	1.00	.75
(3)	.10	.05	.10	.20	.10	.05
(4)	.30	.40	.50	.80	.75	.70
(5)	.03	.03	.02	.03	.05	.03
(6)	.50	.70	.75	.75	.80	.55
(7)	4.00	2.25	4.00	1.50	4.00	2.00
(8)	150.00	300.00	200.00	300.00	1000.00	200.00
(9)	150.00	400.00	200.00	300.00	1000.00	150.00
(10)	1.00	.90	1.00	1.00	1.25	1.10
(11)	34.00	30.00	30.00	30.00	30.00	30.00
(12)	25.00	30.00	30.00	40.00	30.00	29.00
(13)	34.00	35.00	30.00	30.00	30.00	31.00
(14)	.06	.07	.06	.07	.06	07
(15)	.10	.12	.10	.10	.20	.15
(16)	1.50	1.50	2.00	1.50	1.00	1.50
(17)	2.00	2.00	3.00	2.00	1.10	1.75
(18)	2.50	2.25	4.00	3.00	2.00	2.25
(19)	3.00	3.00	4.00	4.00	3.00	3.00
(20)	.75	.75	1.00	1.00	2.00	.50
(21)	10.00	20.00	25.00	20.00	20.00	10.00
(22)	4.00	3.00	3.00	5.00	10.00	4.00
(23)	400.00	700.00	300.00	1000.00	300.00	500.00
(24)	400.00	300.00	200.00	900.00	500.00	100.00
(25)	1.50	3.50	3.00	2.00	2.00	2.00
(26)	5.00	5.00	2.00	5.00	3.50	4.00
(27)	.20	.15	.20	.10	.20	.20

COMPLETE BID LISTING

LOS ANGELES COUNTY, Cal.—Sully-Miller Contracting Co., 1500 W 7th St., Long Beach, at $38,567.75, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 3.7 miles widening and surfacing with asphalt concrete in Los Angeles Co., between Traffic Circle and Los Angeles Street.

The work involves

(1) 330 M. gals. water;
(2) 8,200 c.y. rdwy. excav., unclass.;
(3) 3,600 c.y. subgrade blending material;
(4) 19,100 sq. yds. subgrade blending;
(5) 21,750 sq. yds. preparing subgrade
(6) 196 sta. finishing rdwy.;
(7) 245 tons mineral agregate (plant-mixed surfacing);
(8) 15 tons liquid asphalt MC - 5 or MC extra heavy (plant - mixed surfacing);
(9) 2 tons liquid asphalt MC-2 (prime coat);
(10) 21,750 sq. yds. preparing. mixing and shaping shoulders;
(11) 22 tons liquid asph. SC-2 (shoulder prime coat);
(12) 135 tons do (shoulders);
(13) 25 tons liquid asph. 90-95 (shoulder seal coat);
(14) 275 tons screenings (shoulder seal coat);
(15) 6,900 tons asphalt concrete (base and leveling courses);
(16) 2,500 tons asphalt concrete (surface course).

Total bids follow:

(A) Sully - Miller Contracting Co., $38,567.75.
(B) Oswald Bros., Los Angeles, $41,-304.75.
(C) Geo. R. Curtis Paving Co., Los Angeles, $46,227.75.
(D) C. O. Sparks, Los Angeles, $47,-363.50.
(E) Basich Bros., Torrance, $48,353.50
(F) Griffith Co., Los Angeles, $49,171.

Unit bils follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)..	$1.25	$1.30	$2.50	$2.50	$1.00	$2.00
(2)..	.40	.47	.32	.50	.45	.45
(3)..	.40	.75	1.00	1.30	.75	1.30
(4)..	.06	.035	.10	.10	.05	.05
(5)..	.15	.09	.095	.10	.10	.10
(6)..	3.00	2.00	5.25	5.00	5.00	5.00
(7)..	2.50	3.70	3.00	2.90	2.50	2.50
(8)..	15.00	13.50	14.00	15.00	17.00	14.00
(9)..	25.00	32.00	54.00	50.00	30.00	25.00
(10)..	.07	.045	.045	.05	.07	.05
(11)..	7.50	9.75	13.50	8.50	12.00	8.00
(12)..	7.00	7.60	8.45	8.50	10.00	8.00
(13)..	16.00	18.00	18.25	15.00	20.00	16.00
(14)..	2.25	2.10	2.85	3.00	2.50	2.00
(15)..	2.50	2.86	3.06	2.94	3.38	3.35
(16)..	2.66	2.86	3.34	3.10	3.58	3.50

BIDS WANTED

COCONINO COUNTY, Ariz.—Until February 27, 10 A. M., bids will be received by the Bureau of Public Roads, 414 Title and Trust Building, Phoenix, for placing base course surfacing on 12.696 miles of Sections G and H of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Coconino Co., Arizona.

The work involves:

(1) 12,500 c.y. sand for stabilizing;
(2) 12.696 miles mixing sand and subgrade material;
(3) 26,600 tons crushed rock base course;
(4) 2,125 M. gals. watering.

Plans and specifications obtainable from the office of the Bureau of Public Roads, 414 Title and Trust Bldg., Phoenix, or 807 Sheldon Building, 461 Market St., San Francisco, upon deposit of $10.00. *

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until February 10, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of about 2.6 miles of Moffatt Blvd. from the city limits of Mountain View to the Bayshore Highway.

The work involves

(1) 104,160 sq. ft. oil macadam;
(2) 176,000 sq. ft. oil and screenings;
(3) 2,860 sq. ft. patching.

Plans and specifications obtainable at the office of County Surveyor Robt. D. Chandler at a charge of $1.00.

NOTE: It was previously reported incorrectly that bids would be received until February 11, 10 A. M.

PROJECT APPROVED

GILROY, Santa Clara Co., Cal.—The State Division of Highways has approved the City Council's plan for the resurfacing of Old Gilroy Street from Monterey St. to the city limits. Estimated cost, $5995. The work will be financed with the city's share of gasoline tax funds.

CONTRACT AWARDED

ELKO COUNTY, Nev.—Gibbons and Reed Co., 165 E Fourth Street, Salt Lake City, at $58,797.38 submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Elko County, within the City of Elko, a length of approximately 0.98 mile.

Peninsula Paving Co., San Francisco, at $59,207.83 submitted second low bid.

CONTRACT AWARDED

NYE COUNTY, Nev.—Dodge Const. Inc., Fallon, at $52,083.70 submitted low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State highway system in Nye County, Route 4, Section A1, between three miles east of Tonopah and West Forest boundary, a length of approximately 12.6 miles.

Isbell Const. Co., Reno, at $54,082.55 submitted second low bid.

Complete bids will be given shortly.

CONTRACT AWARDED

SPOKANE COUNTY, Wash.—Chas. A. Power, E. 278th St., Spokane, at $35,296 awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete on about 0.7 mile of city street, Napa St., between Trent Ave. and Mission Ave. in the City of Spokane.

CONTRACT AWARDED

SPOKANE COUNTY, Wash.—Chas. A. Power, E 278th St., Spokane, at $23,211 awarded contract by L. V. Murrow, Director of Highways at Olympia, for paving with Portland cement concrete on about 0.5 mile of city street, 29th Ave. between Grand Blvd. and Perry Street in the City of Spokane.

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until February 26, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for constructing crusher run base and applying armor coat on about 3.8 miles in Alameda County between Laguna Creek and Dublin.

The work involves:

(1) 9,800 tons crusher run base;
(2) 65 tons liquid asphalt, SC-1A;
(3) 100 tons do, 90-95;
(4) 1,980 tons screenings.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles. *

SAN DIEGO COUNTY—3.3 Miles Grading—STATE

SAN DIEGO COUNTY, Cal.—Basich Brothers, 20550 Normandie Avenue, Torrance, at $297,396.70, as previously reported, submitted low bid to the State Highway Engineer at Los Angeles, for about 3.3 miles grading in San Diego County on Palomar Mountain Road, beteween Iron Spring Creek and the Observatory Site.

The work involves:

1) 173 sta. clear and grub right-of-way;
(2) 500 M. gals. water;
(3) 138,500 cu. yds. rdwy. excav. unclass.;
(4) 132,500 sta. yds. overhaul;
(5) 1650 cu. yds. struc. excav.;
(6) 10,000 cu. yds. importd selected material;
(7) 173 sta. finishing roadway;
(8) 1486 lin. ft. 18-in. CMP;
(9) 512 lin. ft. 24-in. CMP;
(10) 116 lin. ft. 30-in. CMP;
(11) 370 lin. ft. 36-in. CMP;
(12) 128 lin. ft. 48-in. CMP;
(13) 68 lin. ft. 8-in. perf. metal pipe underdrains;
(14) 120 lin. ft. 75-in. multi-plate CMP
(15) 60 cu. ydsfl rubble masonry;
(16) 0.3 mile remove exist. fences;
(17) 1050 each border stones.

Total bids follow:

(A) Basich Bros., $279,396.70.
(B) C. W. Calletti & Co., San Rafael, $298,233.
(C) Daly Corp., San Diego, $313,133.
(D) Shofner & Gordon, Los Angeles, $316,116.
(E) J. E. Haddock, Ltd., Pasadena, $323,601.
(F) Granfield, Farrar & Carlin, San Francisco, $324,898.
(G) Oswald Bros., Los Angeles, $325,-745.80.
(H) V. R. Dennis Constr. Co., San Diego, $363,555.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	$250.00	$250.00	$290.00	$500.00	$340.00	$800.00	$300.00	$250.00
(2).....	3.00	4.00	3.00	3.00	3.00	2.50	2.90	4.00
(3).....	1.46	1.50	1.50	1.40	1.55	1.00	1.65	1.85
(4).....	.04	.02	.02	.01	.02	.01	.008	.02
(5).....	2.20	2.50	4.00	2.50	3.00	2.50	3.00	4.00
(6).....	2.20	2.00	2.25	.50	2.10	2.00	2.00	2.00
(7).....	15.00	20.00	5.00	20.00	20.00	15.00	5.00	40.00
(8).....	2.60	3.00	3.00	3.00	2.00	2.50	2.80	3.00
(9).....	4.50	3.00	5.00	4.00	3.00	4.00	4.00	5.00
(10).....	5.50	6.00	7.00	5.00	4.00	5.00	5.00	8.00
(11).....	7.90	6.00	9.00	6.00	6.00	8.00	7.00	12.00
(12).....	11.60	9.00	13.00	8.00	8.00	12.00	10.00	15.00
(13).....	1.85	2.00	3.00	2.00	2.50	1.75	2.75	3.00
(14).....	28.00	20.00	30.00	30.00	20.00	30.00	26.00	50.00
(15).....	15.00	20.00	30.00	50.00	24.00	15.00	21.00	35.00
(16).....	125.00	500.00	150.00	300.00	400.00	150.0	300.00	500.00
(17).....	5.00	1.00	2.50	3.00	4.00	3.00	1.60	3.00

BIDS WANTED

INYO COUNTY, Cal.—Until Feb. 14 3 P. M., as previously reported, bids will be received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for applying road-mix surface treatment on about 7.3 miles in Inyo County between Death Valley Junction and easterly boundary.

The work involves

(1) 420 tons liquid asphalt SC-2 in place;
(2) 7.9 miles preparing, mixing and shaping roadbed.

Plans and specifications obtainable from the above office. *

BIDS WANTED

SAN BERNARDINO and Riverside Counties, Calif.—Until Feb. 27, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 14.4 miles grading and treating shoulders with liquid asphalt, in San Bernardino and Riverside counties between Ontario and Riverside.

The work involves:

(1) 200 c.y. rdwy. excav., unclass.;
(2) 3,000 c.y. imported selected material;
(3) 14.4 miles finishing roadway;
(4) 1,030 tons liquid asph. SC-2 (road-mix surface treatment);
(5) 101,500 sq. yds. preparing, mixing and shaping shoulders;
(6) 106 tons liquid asphalt 90-95 (seal coat);
(7) 1,270 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

NOTICE TO BIDDERS

STATE OF CALIFORNIA — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout sheet will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on February 19:

X-Sac-53-B. I St., between Isleton and Walnut Grove (PLANS) No. of sheets, 2, cost, no charge; (CROSS-SECTIONS) No. of sheets, 33, cost, $3.30; total, $3.30.

IV-SCr-5-A, between Scott's Valley and one mile north of Santa Cruz. (PLANS) No. of sheets, 15, cost, $1.50 (CROSS - SECTIONS) No. of sheets, 100, cost $10; total, $11.50.

V-Mon-2-I,H, between Bradley and six miles south of San Adro (PLANS) No. of sheets, 27, cost $2.70; (CROSS-SECTIONS) No. of sheets 145, cost $14.50; total, $17.20.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, California.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until February 26, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.1 mile grading, surfacing with selected material, and treating with liquid asphalt, in Monterey County between Lewis Creek and Priest Valley.

The work involves:

(1) Clearing and grubbing right of way;
(2) 27,400 c.y. rdwy. excav.;
(3) 775 c.y. struc. ecav.;
(4) 625 c.y. ditch and channel excav.
(5) 43,000 sta. yds. overhaul;
(6) 2,950 c.y. selected material;
(7) 10,100 mile yards haul selected material;
(8) 58 stations finishing roadway;
(9) 180 tons liquid asphalt, SC-2;
(10) 13,000 sq. yds. preparing, mixing and shaping roadbed;
(11) 70 c.y. creek-run sand;
(12) 1 MFBM dense, select, all heart structural redwood;
(13) 9 MFBM select all heart structural redwood;
(14) 17 c.y. rubble masonry;
(15) 72 l.f. 8-in. CMP;
(16) 410 l.f. 18-in. CMP;
(17) 52 l.f. 24-in. CMP;
(18) 136 l.f. 36-in. CMP;
(19) 9 each spillway assemblies;
(20) 533 l.f. laminated guard railing;
(21) 26 each culvert markers;
(22) 64 each guide posts;
(23) 0.2 mile new prop. fence (standard);
(24) 0.2 mile do (hogwire A);
(25) 1.8 miles do (hogwire B);
(26) 7 each drive gates;
(27) 0.2 mile bank protection fence;
(28) 22 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

CONTRACT AWARDED

INYO COUNTY, Cal.—Basich Bros., 20530 Normandie Ave., Torrance, at $109,721.70 awarded contract by the State Highway Commission, Sacramento, for about 7.3 miles grading and surfacing with road mix surfacing in Inyo County between Big Pine and Keough Hot Springs.

BIDS WANTED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties, Cal.—Until February 18, 2 P. M., bids will be received by the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for applying diesel oil to roadside vegetation for a distance of about 200 roadside miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties.

Plans and specifications obtainable from the above office. *

BIDS WANTED

INYO COUNTY, Cal.—Until February 14, 3 P. M., bids will be received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for applying road-mix surface treatment on about 7.3 miles in Inyo Co.,

Plans and specifications obtainable between Death Valley Junction and the easterly boundary.

CONTRACT AWARDED

WHATCOM CO., Wash.—Washington Asphalt Co., 220 Hudson, Seattle, at $49,845 awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and asphaltic concrete on about one mile of city streets and 1.5 miles of county road, Holly Street and Meridian St. in Bellingham and Guide Meridian Road in Whatcom Co The bids were opened January 14.

BIDS OPENED

ALAMEDA, Contra Costa and Santa Clara Counties, Calif.—Pacific Truck Service, Inc., 646 Park Ave., San Jose at $1.89 per barrel, total $2,835 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying Diesel oil to roadside vegetation over a distance of about 111.4 roadside miles, at various locations in Alameda, Contra Costa and Santa Clara Counties.

The work requires 15,000 barrels of Diesel oil in place.

Complete bids follow:

Pacific Truck Service Co., Inc., San Jose, $1.89 per bbl., total $2,835.

Hayward Bldg. Material Co., Hayward, $2.25 per bbl., total $3,375.

Oilfields Trucking Co., Bakersfield: $3.15 per bbl., total $4,725.

BIDS OPENED

SONOMA, Marin, Napa and Solano Counties, Cal.—Basalt Rock Co., Inc., 900 8th St., Napa, at $2.08 per bbl., total $5,408 submitted low bid to the Division of Hihways, Jno. H. Skeggs, Division of Highways, Jno. H. Skeggs, Francisco, for applying approximately 2,600 barrels of Diesel oil to roadside vegetation over a distance of about 197.2 roadside miles, at various locations in Sonoma, Marin, Napa and Solano Counties.

Complete bids follow:

Basalt Rock Co., Inc., Napa: $2.08 per bbl., total $5,408.

E. A. Forde, San Anselmo: $2.25 per bbl., total $5,850.

Charles Kuppinger, Lakeport: $2.39 per bbl., total $6,214.

Oilfields Trucking Co., Bakersfield: $3.15 per bbl., total, $8,190.

30—RESERVOIRS & DAMS

BIDS OPENED

SANTA BARBARA, Calif. — Nels Oakeson, 52 E Haley St., Santa Barbara, at $34,744 submitted low bid to the Santa Barbara City Council for construction of the La Mesa Water Storage Reservoir. The proposed reservoir will have a capacity of 1,500,000 gallons, will be circular in shape and of reinforced concrete construction.

Complete bids follow'

Nels Oakeson, Santa Barbara	$34,744
John Oberg, Los Angeles	36,400
H. R. Graham, Santa Barbara	37,000
Western Motor Transfer Co., Santa Barbara	38,751
Fred J. Early, Jr., S. F.	38,787
Kovacevich & Price, South Gate	39,950
J. R. Lippincott, Los Angeles	39,966
J. E. Haddock, Pasadena	44,800

The work involves:

(1) 9,100 c.y. excavation and grading;
(2) 4,340 c.y. backfill earth:
(3) 1,370 l.f. drainage;
(4) 780 c.y. concrete
(5) 36 tons steel;
(6) 36 tons steel bands and turnbuckles;
(7) 27,300 sq. ft. forms;
(8) 2,300 c.f. gunite covering;
(9) 812 l.f. fencing;
(10) pipes, valves and fittings;
(11) gate valve house.

Plans and specifications prepared by Consulting Engineer George A. Miller, Suite 16-17-18, Carrillo Bldg., Santa Barbara.

Delbert D. Smith, Water Works Superintendent.

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until February 13, 7:30 P. M., bids will be received by the Modesto City Council, H. E. Gragg, City Clerk, 717 10th St., Modesto, for the repair of the front cut-off wall of a collapsible weir dam across the Tuolumne river at Modesto.

Work consists mainly of the furnishing and driving of approximately ten feet of 4x12-in. x 18-ft. T. & G. wood sheet piling and approximately 65 ft. of 20-ft. steel interlocking sheet piling.

Information obtainable from the city engineer, 616 Tenth St., Modesto.

BIDS OPENED

SANTA BARBARA, Cal.—John Oberg, 3470 E 8th St., Los Angeles, at $29,800 submitted low bid to the Santa Barbara City Council for construction of the El Cielito water storage reservoir. The proposed reservoir will have a capacity of 1,000,000 gallons, will be circular in shape, and of reinforced concrete construction.

The work involves:
(1) 5000 c.y. excavation and grading;
(2) 1700 c.y. backfill earth;
(3) 1100 l.f. drainage;
(4) 565 c.y. concrete;
(5) 22 tons steel;
(6) 23 tons steel band & turnbuckles;
(7) 23,575 sq. ft. forms;
(8) 1760 c.f. gunite covering,
(9) 1052 l.f. fencing;
(10) removing trees;
(11) pipe, valves and fittings;
(12) gate valve house.

Complete bids follow:

John Oberg, Los Angeles	$29,800
H. R. Graham, Santa Barbara	29,900
Nels Oakeson, Santa Barbara	31,000
Fred J. Early, Jr., S. F.	31,487
Western Motor Transfer Co., Santa Barbara	33,600
J. R. Lippincott, L. A.	35,123
J. E. Haddock, Pasadena	35,800

Plans and specifications prepared by Consulting Engineer Geo. A. Miller, Suite 16-17-18, Carrillo Bldg., Santa Barbara.

Delbert D. Smith, Water Works Superintendent.

LOW BIDDERS

SALT RIVER PROJECT, Arizona—Dan Teters, P. O. Box 388, Ogden, Utah, at $53,930 submitted low bid to the Bureau of Reclamation, % Salt River Valley Water Users Association, Phoenix, under Spec. No. 663, for alterations to the spillway at Roosevlt Dam, Salt River Project.

The work is located on the Salt River about 63 miles northeast of Mesa.

Vinson & Pringle, Phoenix, at $69,609 submitted second low bid; and Pleasant-Hasler Constr. Co., Phoenix, at $78,225 submitted third low bid.

Complete bids will be published shortly. *

BID OPENING POSTPONED

ENCINITAS, San Diego Co., Cal.—Until February 17, 1:30 P. M. (date extended from February 4, previously reported) bids will be received by the Board of Directors of the San Dieguito Irrigation District, F. H. Tolle, Secretary, Encinitas, for the construction of a circular reinforced concrete reservoir (Reservoir No. A).

The work involves:
(1) 650 c.y. excavation;
(2) 460 c.y. reinforced concrete in the walls, footings, columns, boxes;
(3) 6,000 s.f. reinforced concrete floor;
(4) 7,150 s.f. frame roof with covering.

Plans and specifications prepared by E. A. Rowe of the office of J. B. Lippincott, 714 Olympia Blvd., Los Angeles. Copies obtainable from the Secretary of the district upon payment of $2.00. Each bid must be accompanied by a certified check or bid bond for 5%. *

ADDITIONAL WORK AUTHORIZED

EUREKA, Humboldt Co., Cal.—City Council has authorized the T. E. Connolly-Hanrahan Co., 461 Market St., San Francisco, to conduct geological explorations to determine the feasibility of the Mad River dam site. Work will be done on a cost plus 15% basis, total cost not to exceed $10,000.

Open excavation and tunnels will be extended on the east and west side of the river at the dam site to determine whether a more economical anchorage for the west abutment of the dam can be located.

Authorization follows the recommendations of Fred C. Hermann, consulting engineer, and Dr. George D. Louderback of the University of California, who recently completed a survey of the dam site.

C. C. Kennedy, project engineer.

31 — PIPE LINES & WELLS

BIDS OPENED

VALLEJO, Solano Co., Cal.—Robt. B. McNair and H. Gould, 3745 Rhoda Ave., Oakland, at $57,120.95 submitted low bid to the Vallejo City Council for the reconstruction of three portions of the existing Gordon Valley Water transmission pipe line located in the vicinity of Creston Station, Napa County, and Cordelia, Solano County.

Work includes the replacement of approximately 6000 lin. ft. of existing 24-in. pipe line with 24-in. cast iron pipe.

Bids were taken as follows:

SCHEDULE 3-D
(1) 5575 cu. yds. trench excavation;
(2) 2300 lin. ft. pipe removal transportation and storage;
(3) 300 lin. ft. fence removal and reconstruction;
(4) 2300 lin. ft. furnishing 24-in. C. I. pipe;
(5) 8000 lbs. furnishing special castings;
(6) 1 only brick manhole structure;
(7) 2300 lin. ft. laying 24-in. C. I. pipe;
(8) 7 tons quarry waste backfill;
(9) 1800 lin. ft. trench backfill, deep trench;
(10) 5362 cu. yds. trench backfill, deep trench;
(11) 500 lin. ft. trench backfill (normal depth);
(12) 1 lot air valves, services, etc., with boxes;
(13) 1 only GMP manholes on reinforced concrete pipe;
(14) 1 only railroad undercrossing.

SCHEDULE 3-E
(1) 3120 lin. ft. trench excavation;
(2) 274 cu. yds. trench excavation, additional;
(3) 3570 lin. ft. pipe removal, transportation and storage;
(4) 2100 lin. ft. fence removal and reconstruction;
(5) 3120 lin. ft. furnishing 24-in. C.I. pipe;
(6) 10,000 lbs. furnishing special castings;
(7) 1 only manhole structure, GMP and C I post;
(8) 1 only furnishing 18-inch gate valve;
(9) 1 only furnishing 14-inch gate valve;
(10) 1 lot cross connection, 14-inch, labor and materials;
(11) 3120 lin. ft. laying 24-in. CI pipe;
(12) 170 lin. ft. trench backfill, deep trench;
(13) 175 cu. yds. trench backfill, deep trench;
(14) 2950 lin. ft. trench backfill normal depth;
(15) 1 lot air valves, services, etc. with boxes;
(16) 2 M.B.M. trench timbering;

SCHEDULE 3-F
(1) 1204 lin. ft. trench excavation;
(2) 1200 lin. ft. pipe removal, transportation and storage;
(3) 60 lin. ft. fence removal and reconstruction;
(4) 1200 lin. ft. furnishing 24-inch C. I. pipe;
(5) 1700 lbs. furnishing special castings;
(6) 1200 lin. ft. laying 24-inch C. I. pipe;
(7) 1204 lin. ft. trench backfilling, (normal depth);
(8) 1 lot air valves, services, etc., with box;
(9) 1 lot repaving roadway.

Total bids follow:
(A) Robert B. McNair & H. Gould, Oakland, $57,120.95.
(B) Peter J. McHugh, San Francisco, $58,947.75.
(C) W. J. Tobin, Oakland, $63,146.45.

Unit bids follow:

SCHEDULE 3-D

	(A)	(B)	(C)
(1)	$ .50	$ .50	$ 1.60
(2)	.31	.25	.60
(3)	.25	.40	.20
(4)	4.31	4.50	4.58
(5)	.055	.06	.10
(6)	100.00	120.00	150.00
(7)	1.55	2.00	.50
(8)	2.40	5.00	4.00
(9)	.22	.30	.15
(10)	.15	.15	.20
(11)	.33	.20	.50
(12)	159.00	100.00	300.00
(13)	26.00	50.00	300.00
(14)	630.00	600.00	420.00
Total	19,790.60	21,261.80	25,624.40

SCHEDULE 3-E

(1)	$ 1.27	$ .40	$ 1.30
(2)	.75	2.00	2.00
(3)	.26	.15	.60
(4)	.10	.40	.25
(5)	4.31	4.50	4.58
(6)	.055	.06	.10
(7)	30.00	75.00	100.00
(8)	286.00	400.00	500.00
(9)	115.00	150.00	300.00
(10)	150.00	250.00	350.00
(11)	1.55	2.00	.50
(12)	.22	.25	.15
(13)	.33	.15	.25
(14)	.33	.15	.30
(15)	81.00	120.00	300.00
(16)	50.00	100.00	60.00
Total	25,969.95	25,757.75	26,744.85

SCHEDULE 3-F

(1)	$ 1.27	$ .40	$ 1.30
(2)	.26	.15	.60
(3)	.25	.40	1.00
(4)	5.86	6.00	5.75
(5)	.055	.06	.10
(6)	1.55	3.00	.50
(7)	.33	.15	.50
(8)	81.00	120.00	150.00
(9)	40.50	40.00	100.00
Total	11,359.90	11,928.20	10,867.20

All bids referred to City Engineer T. D. Kilkenny for recommendation at the Council meeting, February 6, 10 A. M. *

BIDS OPENED

SAN FRANCISCO.—Yourlall Const. Co., Matson Bldg., at $846,159.50 on Section "A", and at $469,182 on Section "B" submitted low bid to the Public Utilities Commission, City Hall under Spec. No. W. D. 79, for constructing the Crystal Springs Pipe Line No. 2 from Millbrae to University Mound Reservoir.

Under this contract a pipe line about 10.5 miles long is to be constructed from a point in the San Francisco Water Department yard nr. Millbrae, San Mateo County, to the University Mound Reservoir near Woolsey and Bowdoin Streets in San Francisco.

The greater portion of the line will be laid in trench. Certain short lengths, totaling about 0.5 mile, will be supported above the ground on timber trestle or concrete piles.

Section A, from a point near Baden to the University Mound Reservoir, totaling about 35,050 feet, will be entirely of 60-inch, welded steel pipe of ⅜-inch plate.

Section B, from the point of beginning near Millbrae to a point near Baden totaling about 20,540 ft., will be of 60-in. steel cylinder reinforced concrete pipe with short sections of 60-in. welded steel pipe of ⅜-in. plate.

Section A is broken into four unequal lengths by three tunnels, aggregating about 4,000 feet, to which the pipe line is to be connected. These tunnels are being constructed by Barrett & Hilp, Inc., under Water Department Contract No. 74.

The work involved in Section "A" follows:

SECTION A

(1) 32,700 l.f. furnishing and laying 60-in. dia. welded steel pipe in trench;
(2) 2,350 l.f. furnishing and laying 60-in. diameter welded steel pipe on trestle or piers;
(3) 35,800 lbs. furnishing and installing steel pipe specials;
(4) 610 each furnishing and installing beveled courses for curved sections;
(5) Not included in this schedule;
(6) 1,110,000 sq. ft. applying bituminous enamel protective coating and lining to steel pipe;
(7) 497,000 sq. ft. felt wrapping on steel pipe;
(8) 51,000 sq. ft. ¾-in. mortar covering on steel pipe;
(9) 5 each furnishing and installing flexible couplings;
(10) 1 only furnishing and installing expansion joint;
(11) 27 each furnishing and installing manholes on pipe;
(12) 6,500 lbs. furnishing and installing saddle nozzles;
(13) 4,000 lbs. furnishing and installing companion flanges;
(14) 5,000 lbs. furnishing and installing miscellaneous steel work attached to pipe;
(15) 74,200 lbs. furnishing and installing miscellaneous steel work not attached to pipe;
(16) 20 valves, furnishing and installing 4-in. gate valves for 150-lb. pressure;
(16a) 8 valves, furnishing and installing 4-in. gate valves for 150-lb. pressure with beveled gears;
(17) 36 valves, furnishing and installing 6-in. gate valves for 150-lb. pressure;
(17a) 25 gate valves, furnishing and installing 6-in. gate valves for 150 - lb. pressure with beveled gears;
(18) 12 gate valves, furnishing and installing 8-in. gate valves for 150-lb. pressure;
(18a) 5 gate valves, furnishing and installing 8-in. gate valves for 150 - lb. pressure with beveled gears;
(19) No item 19 in specifications;
(20) 2 gate valves, furnishing and installing 12-in. low pressure gate valves;
(21) 3 gate valves, furnishing and installing 16-in. do;
(22) 10 vacuum valves, furnishing and installing 4-in. vacuum valves;
(23) 25 vacuum valves, furnishing and installing 6-in. vacuum valves;
(24) 5 vacuum valves, furnishing and installing 8-in. vacuum valves;
(25) 26 valves, furnishing and installing air release valves;
(26) 22,500 lbs. furnishing and installing cast iron pipe, gate valve covers and fittings;
(27) 3,500 lbs. furnishing and installing corrugated metal pipe culverts;
(28) 3,400 lbs. furnishing and installing steel castings not covered by other items;
(29) 600 lbs. furnishing and installing bolts, nuts and washers;
(30) 1,000 lbs. installing fittings furnished by City to be riveted or welded to pipe;
(31) 25,000 lbs. installing large gate valves and Venturi meter furnished by the City;
(32) 2,000 lbs. installing misc. metal work furnished by the City;
(33) 21,300 c.y. Class 1 earth excavation for pipe trenches up to 9-ft. depth;
(34) 1,150 c.y. Class 1 do. below 9-ft. depth;
(35) 55,000 c.y. Class 2 earth excavation for pipe trenches;
(36) 600 c.y. earth excavation for footings and structures;
(37) 6,600 c.y. additional for rock excavation;
(38) 800 c.y. constructing earth embankments;
(39) 13,000 c.y. sand backfill for excavations in paved roads & streets
(40) 100 each, remove, repair and/or replace house sewer laterals;
(41) 500 l.f. furnishing and installing 6-in. main sewer;
(42) 240 c.y. Class A concrete;
(43) 20 c.y. Class B concrete;
(44) 20 bbls. extra cement;
(45) 27,500 lbs. reinforcing steel;
(46) 18,600 l.f. furnishing untreated piles;
(47) 2,500 l.f. furnishing treated piles;
(48) 450 each, driving piles;
(49) 120 MFBM furnishing and installing Redwood timber;
(50) 20 MFBM furnishing and installing Douglas fir timber;
(51) 7,000 lbs. furnishing and installing structural steel;
(52) 4,000 sq. yds. painting miscellaneous structures;
(53) 18,000 sq. ft. repavement in City and County of San Francisco;
(54) 60,000 sq. ft. repavement in San Mateo County;
(55) Lump sum, constructing Venturi meter building.

Total bids on Section "A" follow:

(A) Youdall Const. Co. San Francisco $846,159.50.
(B) Consolidated Steel Corp., Ltd., Los Angeles, $853,177.10.
(C) MacDonald & Kahn Co., Ltd., San Francisco, $927,119.50.

Unit bids follow.

	(A)	(B)	(C)
(1)	$ 13.85	$ 15.00	$ 15.03
(2)	13.35	15.55	15.03
(3)	.15	.13	.15
(4)	30.00	27.00	30.00
(5)	.....	.....	.....
(6)	.08	.085	.08
(7)	.04	.04	05
(8)	.24	.22	.30
(9)	77.00	80.00	77.00
(10)	1000.00	863.00	1000.00
(11)	108.00	121.00	108.00
(12)	.40	.39	.40
(13)	.22	.23	.22
(14)	.26	.25	.26
(15)	.14	.15	.14
(16)	19.50	20.00	19.50
(16a)	35.50	34.00	35.50
(17)	37.00	33.75	37.00
(17a)	52.00	46.00	52.00
(18)	54.50	53.20	54.50
(18a)	69.50	66.50	70.00
(19)	.....	.....	.....
(20)	89.50	84.30	90.00
(21)	156.00	147.50	156.00
(22)	112.50	118.00	112.50
(23)	165.00	170.00	165.00
(24)	245.50	240.00	246.00
(25)	38.50	34.60	38.50
(26)	.15	.13	.15
(27)	.15	.14	.14
(28)	.35	.32	.35
(29)	.30	.20	.30
(30)	.14	.12	.14
(31)	.06	.05	.06
(32)	.06	.07	06
(33)	2.50	.70	2.30
(34)	3.00	1.00	3.00
(35)	.70	.66	1.30
(36)	2.00	1.20	1.50
(37)	1.00	1.70	1.00
(38)	.60	.70	.6[illegible]
(39)	1.00	1.00	1.20
(40)	20.00	25.00	10.00
(41)	.35	.40	.50
(42)	25.00	20.00	16.00
(43)	23.00	20.00	16.00
(44)	3.00	2.60	2.50
(45)	.07	.06	.04
(46)	.30	.27	.25
(47)	.80	.90	.75
(48)	22.00	27.00	26.00
(49)	100.00	118.00	90.00
(50)	70.00	90.00	90.00
(51)	.05	.07	.06
(52)	.30	25	.30
(53)	23	.26	.24
(54)	.22	.20	.26
(55)	1500.00	1900.00	1600.00

The work involved in Section "B" follows:

SECTION B

(1) 50 l.f. furnishing and laying 60-in. diameter welded steel pipe of ⅜-in. plate in trench;
(2) 150 l.f. do on trestle or piers;
(3) 7,400 lbs. furnishing and installing steel pipe specials not included in other items;
(4) 12 each, furnishing and installing beveled courses for curved sections in welded steel pipe;
(5) No item 5 in specifications;
(6) 5,300 sq. ft. applying bituminous enamel protective coating and lining to steel pipe;
(7) 200 sq. ft. felt wrapping on steel pipe;
(8) 1,100 sq. ft. ¾-in. mortar covering on do;
(9) and (10) omitted from this Sched.
(11) 11 manholes, furnishing and installing manholes on pipe;
(12) 4,900 lbs., furnishing and installing saddle nozzles;
(13) 800 lbs. furnishing and installing companion flanges;
(14) 200 lbs. furnishing and installing misc. steel work attached to pipe
(15) 37,800 lbs. furnishing and installing misc. steel work not attached to pipe;
(16) 8 gate valves, furnishing and installing 4-in. gate valves for 150-pound pressure;
(16a) 2 gate valves, furnishing and installing 4-in. gate valves for 150-lb. pressure with beveled gears;
(17) 29 gate valves, furnishing and installing 6-in. gate valves for 150-lb. pressure;
(17a) 17 gate valves, furnishing and installing 6-in. gate valves for 150 - lb. pressure with beveled gears;
(18) 2 gate valves, furnishing and installing 8-in. gate valves for 150-lb. pressure;
(18a) 1 gate valve, furnishing and installing 8-in. gate valves for 150-lb. pressure with beveled gears;
(19) No item 19 in specifications;
(20, 21, 22) Omitted from this Sched.;
(23) 17 vacuum valves, furnishing and installing 6-in. vacuum valves;
(24) Omitted from this Schedule;
(25) 19 air release valves, furnishing and installing air release valves
(26) 7,500 lbs. furnishing and installing cast iron pipe, gate valve covers and fittings;
(27) 500 lbs. furnishing and installing corrugated metal pipe culverts;
(28) 1,600 lbs. furnishing and installing steel castings not covered by other items;
(29) 400 lbs. furnishing and installing bolts, nuts and washers;
(30) 3,000 lbs. installing fittings furnished by the City to be riveted or welded to pipe;
(31) 8,200 pounds installing large gate valves and Venturi meter furnished by the City;
(32) 2,000 lbs. installing misc. metal work furnished by the City;
(33) 12,200 c.y. Class 1 earth excavation for pipe trenches up to 9-ft. depth;
(34) 4,900 c.y. do below 9-ft. depth;
(35) 47,900 c.y. Class 2 earth excavation for pipe trenches;
(36) 200 c.y. earth excavation for footings and structures;
(37) 720 c.y. additional for rock excavation;
(38) 200 c.y. constructing earth embankments;
(39) 9,000 c.y. sand backfill for excav. in paved roads & streets;
(40) 170 each remove, repair and/or replace house sewer laterals;
(41) 4,000 l.f. furnishing and installing 6-in. main sewer;
(42) 60 c.y. Class A concrete;
(43) 20 c.y. Class B concrete;

(44) 10 bbls. extra cement;
(45) 7,700 lbs. reinforcing steel;
(46, 47, 48) Omitted from this Sched.;
(49) 5 MFBM furnishing and installing Redwood timber;
(50) 5 MFBM furnishing and installing Douglas fir timber;
(51) 1,000 lbs. furnishing and installing structural steel;
(52) 500 sq. yds. painting miscellaneous structures;
(53) Omitted from this Schedule;
(54) 34,500 sq. ft. repavement in San Mateo County;
(55) Omitted from this Schedule;
(56) 860 l.f. furnishing and laying 60-in. steel cylinder reinforced concrete pipe for 300-ft. head;
(57) 5,240 l.f. do for 275-ft. head;
(58) 9,690 l.f. do for 250-ft. head;
(59) 4,550 l.f. do for 225-ft. head;
(60) 150 tension joints in steel cylinder reinforced concrete pipe;
(61) 185 furnishing & installing bevel courses for elbows in conc. pipe.

Total bids on Section "B" follow:

(D) Youdall Const. Co., San Francisco, $469,182.00.
(E) American Concrete & Steel Pipe Co., Los Angeles, $542,848.50.
(F) United Concrete Pipe Corp., Los Angeles, $577,826.60.
(G) Ulen Contracting Corp., Chicago, $582,263.50.
(H) MacDonald & Kahn Co., Ltd., $593,754.00.

Unit bids follow:

	(D)	(E)	(F)	(G)	(H)
(1)	$14.00	$17.90	$16.20	$18.50	$16.00
(2)	14.00	17.90	16.40	18.50	16.00
(3)	.13	.21	.15	.18	.16
(4)	30.00	45.00	40.00	45.00	36.00
(5)	.....	.....	.....	.....	.....
(6)	.08	.11	.15	.14	.10
(7)	.04	.14	.10	.08	.09
(8)	.24	.11	.10	.18	.25
(9)	.....	.....	.....	.....	.....
(10)	.....	.....	.....	.....	.....
(11)	180.00	145.00	150.00	135.00	115.00
(12)	30.00	.28	.25	.24	.35
(13)	.27	.22	.18	.25	.22
(14)	.25	.20	.20	.25	.26
(15)	.20	.20	.15	.14	.11
(16)	25.00	21.50	21.00	25.00	20.00
(16a)	37.00	33.00	31.50	35.00	30.00
(17)	36.00	36.00	34.80	40.00	32.00
(17a)	49.00	48.50	49.20	50.00	42.00
(18)	51.00	53.00	56.00	58.00	45.00
(18a)	68.00	65.00	70.00	68.00	55.00
(19)	.....	.....	.....	.....	.....
(20)	.....	.....	.....	.....	.....
(21)	.....	.....	.....	.....	.....
(22)	.....	.....	.....	.....	.....
(23)	150.00	190.00	210.00	195.50	185.00
(24)	.....	.....	.....	.....	.....
(25)	39.00	42.50	38.00	35.00	42.00
(26)	.12	.16	.15	.13	.15
(27)	.16	.14	.10	.12	.15
(28)	.20	.24	.21	.25	.35
(29)	.20	.13	.14	.10	.30
(30)	.10	.05	.04	.10	.14
(31)	.04	.05	.03	.04	.06
(32)	.05	.06	.07	.05	.06
(33)	1.90	.95	.06	1.10	2.20
(34)	.60	1.05	1.08	1.15	3.00
(35)	.70	.70	.54	.95	1.30
(36)	2.00	3.85	2.00	1.50	1.50
(37)	1.90	3.85	3.50	3.00	.75
(38)	.60	.80	1.00	1.25	.60
(39)	1.00	2.00	2.25	2.00	1.25
(40)	12.00	15.60	14.20	10.00	10.00
(41)	.25	2.10	2.75	2.15	.48
(42)	28.00	34.50	27.50	25.00	18.00
(43)	26.00	34.50	25.00	25.00	18.00
(44)	3.00	2.50	2.50	2.25	2.50
(45)	.07	.05	.05	.05	.04
(46)	.....	.....	.....	.....	.....
(47)	.....	.....	.....	.....	.....
(48)	.....	.....	.....	.....	.....
(49)	100.00	100.00	100.00	95.00	100.00
(50)	90.00	85.00	90.00	80.00	90.00
(51)	.10	.16	.20	.12	.05
(52)	.60	2.25	2.50	1.90	.30
(53)	.....	.....	.....	.....	.....
(54)	.24	.25	.30	.20	.21
(55)	.....	.....	.....	.....	.....
(56)	18.50	21.20	22.00	22.20	22.60
(57)	17.70	20.15	22.25	21.90	21.80
(58)	17.35	19.60	21.75	21.35	21.30
(59)	17.00	19.30	21.25	21.00	20.60
(60)	10.00	26.00	15.00	25.00	20.00
(61)	20.00	59.50	75.00	65.00	20.00

The work involved in Sections "A" and "B" follows:

SECTIONS A and B

(1) 32,750 l.f. furnishing & laying 60-in. diameter welded steel pipe of ⅜-in. plate in trench;
(2) 2,500 l.f. furnishing and laying do on trestle or piers;
(3) 43,200 lbs. furnishing and instal- steel pipe specials;
(4) 622 each furnishing and installing beveled courses for curved sections in welded steel pipe;
(5) Not included in this Sched.;
(6) 1,115,300 sq. ft. applying bitum. enamel protective coating and lining to steel pipe;
(7) 497,200 sq. ft. felt wrapping on steel pipe;
(8) 52,100 sq. ft. ¾-in. mortar covering on steel pipe;
(9) 5 each furnishing and installing flexible couplings;
(10) 1 only furnishing and installing expansion joint;
(11) 38 each furnishing and installing manholes on pipe;
(12) 11,400 lbs. furnishing and installing saddle nozzles;
(13) 4,800 lbs. furnishing and installing companion flanges;
(14) 5,200 lbs. furnishing and installing misc. steel work attached to pipe
(15) 112,000 lbs. furnishing and installing misc. steel work not attached to pipe;
(16) 28 each furnishing and installing 4-in. gate valves;
(16a) 10 each do with beveled gears;
(17) 65 each furnishing and installing 6-in. gate valves;
(17a) 42 each do with beveled gears;
(18) 14 each furnishing and installing 8-in. valves;
(18a) 6 each do with beveled gears;
(19) Not included in this Schedule;
(20) 2 each furnishing and installing 12-in. low pressure gate valves;
(21) 3 each furnishing and installing 16-in. low pressure gate valves;
(22) 10 each furnishing and installing 4-in. vacuum valves;
(23) 42 each furnishing and installing 6-in. vacuum valves;
(24) 5 each furnishing and installing 8-in. vacuum valves;
(25) 45 each furnishing and installing air release valves;
(26) 30,000 lbs. furnishing and installing cast iron pipe, gate valve covers and fittings;
(27) 4,000 lbs. furnishing and installing corru. metal pipe culverts;
(28) 5,000 lbs. furnishing and installing steel castings;
(29) 1,000 lbs. furnishing and installing bolts, nuts and washers;
(30) 4,000 lbs. installing fittings furnished by the city to be riveted or welded to pipe;
(31) 33,200 lbs. installing large gate valves and venturi meter furnished by the city;
(32) 4,000 lbs. installing misc. metal work furnished by the city;
(33) 33,500 c.y. Class 1 earth excavation for pipe trenches up to 9-ft. depth;
(34) 6,050 c.y. Class 1 do below 9-ft. depth;
(35) 102,900 c.y. Class 2 earth excavation for pipe trenches;
(36) 800 c.y. earth excavation for footings and structures;
(37) 7,320 c.y. additional for rock excavation;
(38) 1,000 c.y. constructing earth embankments;
(39) 22,000 c.y. sand backfill for excavations in paved roads and streets;
(40) 270 each remove, repair and/or replace house sewer laterals;
(41) 4,500 l.f. furnishing and installing 6-in. main sewer;
(42) 300 c.y. Class A concrete;
(43) 40 c.y. Class B concrete;
(44) 30 bbls. extra cement;
(45) 35,200 lbs. reinforcing steel;
(46) 18,600 l.f. furnishing untreated piles;
(47) 2,500 l.f. furnishing treated do;
(48) 450 each driving piles;
(49) 125 MFBM furnishing and installing Redwood timber;
(50) 25 MFBM furnishing and installing Douglas fir timber;
(51) 8,000 lbs. furnishing and installing structural steel;
(52) 4,500 sq. yds. painting miscellaneous structures;
(53) 18,000 sq. ft. repavement in City and County of San Francisco;
(54) 94,500 sq. ft. do in San Mateo Co.;
(55) Lump sum constructing venturi meter building;
(56) 860 l.f. furnishing and laying 60-in. steel cylinder reinforced concrete pipe for 300-ft. head;
(57) 5,240 l.f. do for 275-ft. head;
(58) 9,690 l.f. do for 250-ft. head;
(59) 4,550 l.f. do for 225-ft. head;
(60) 150 each tension joints in steel cylinder reinf. concrete pipe;
(61) 185 each furnishing and installing bevel courses for elbows in concrete pipe.

Total bids on Sections "A" and "B" follow:

(I) MacDonald & Kahn Co., Ltd., $1,517,129.00

Unit bids follow:

	(I)		(I)
(1)	$ 15.20	(2)	$ 15.20
(3)	.15	(4)	30.00
(5)	.....	(6)	.08
(7)	.04	(8)	.24
(9)	.77	(10)	1000.00
(11)	110.00	(12)	.38
(13)	.22	(14)	.26
(15)	.14	(16)	20.00
(16a)	35.00	(17)	35.00
(17a)	49.00	(18)	54.00
(18a)	70.00	(19)	.....
(20)	90.00	(21)	156.00
(22)	112.00	(23)	173.00
(24)	246.00	(25)	40.00
(26)	.15	(27)	.14
(28)	.35	(29)	.30
(30)	.14	(31)	.06
(32)	.06	(33)	2.30
(34)	3.00	(35)	1.30
(36)	1.50	(7)	.75
(38)	.60	(39)	1.25
(40)	10.00	(41)	.50
(42)	16.00	(43)	16.00
(44)	2.50	(45)	.04
(46)	.25	(47)	.75
(48)	26.00	(49)	90.00
(50)	90.00	(51)	.05
(52)	.30	(53)	.24
(54)	.24	(55)	1600.00
(56)	22.60	(57)	21.80
(58)	21.30	(50)	20.60
(60)	20.00	(61)	20.00

Nelson A. Eckart, general manager and chief engineer.

LOW BIDDER

MARIN COUNTY, Cal.—Walworth-California Co., 235 Second St., San Francisco, at $877.17 submitted low bid to the Marin Municipal Water District, 468 Fourth St., San Rafael, for furnishing 5000 ft. of 2-in. black pipe.

CONTRACT AWARDED

SAN DIEGO, Calif. — Consolidated Steel Corp. Ltd., 5701 E. Slauson Ave., Los Angeles, at $412,359.85 awarded contract by the San Diego city council (subject to PWA approval) Feb. 4, for constructing the El Capitan-Lakeside pipe line, between El Capitan Dam and the existing Lakeside-University Heights line. The proposed line will consist of four miles of 48-in. and two miles of 36-in. electrically welded steel pipe. Fred D. Pyle, hydraulic engineer.

32— SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

PASADENA, Cal.—Case Const. Co., 905 Westminster Ave., Alhambra, at $55,842.80 awarded contract (subject to PWA approval) by the Pasadena city commission Feb. 4, for constructing water mains in accordance with plans prepared by Morris Jones, water superintendent.

SAN FRANCISCO — Healy-Tibbitts

CONTRACT AWARDED

Constr. Co., 64 Pine St., at $96,200 on Proposal A (Structural); and Frederick W. Snook, 596 Clay St., at $37,884 on Proposal B (Mechanical) awarded contracts by the Department of Public Works, City Hall, under Spec. No. 18,890 for construction of the Marina sewage pumping plant and alterations to the existing Pierce St. sewer. The pumping plant will be located in the Marina Parkway adjacent to Marina Blvd. and opposite Casa Way.

TO PREPARE PLANS

REDDING, Shasta Co., Cal. — City Council sas instructed City Engineer W. K. Adams to prepare plans and specifications for a sewer system in the Dakin addition, requiring approximately 12,000 ft. of mains. Estimated cost $26,000.

CONTRACT AWARDED

SONORA, Tuolumne Co., Cal.—Underground Construction Company, 6 Alvarado Road, Berkeley, at $38,825.87 submitted low bid and awarded contract by the Sonora City Council (subject to PWA approval) for the construction of intercepting and outfall sewers and sewage treatment plant.

The work involves:

(1) 3,918 l.f. constructing 15-in. vitrified pipe sewer complete;
(2) 679 l.f. constructing 12-in. do,
(3) 948 l.f. constructing 10-in. do;
(4) 2,378 l.f. constructing 8-in. do;
(5) 699 l.f. constructing 8-in. cast iron pressure sewer complete with leadite (or equal) joints;
(6) 11 each 15x6-in. wye branches for house connections, constructed complete with caps;
(7) 2 each 8x6-in. do;
(8) 18 each, constructing manholes, complete with Type A covers;
(9) 2 each manholes, constructing complete at Sta. 57 plus 30.5 and 28 plus 12.0, with Type B covers;
(10) 4 each manholes, constructing complete for cast iron pressure sewer, Sta. 8 plus 61.0 to Sta. 13 plus 78.0 inclusive;
(11) 1 valve box, Sta. 8 plus 61.0 constructing complete;
(12) 19 each lampholes, complete;
(13) valve, gate, fittings, etc., installing complete for cast iron pressure sewer;
(14) Constructing sedimentation tank with sludge remover and skimming equipment, sludge and grease pipes, screen compartment with bar screen but without automatic equipment, inlet and outlet pipes, complete;
(15) Constructing sludge digestion tank with inlet and outlet pipes, gas burner, etc., complete, but without sludge drying bed;
(16) 11 c.y. constructing masonry dams at Stations 0 plus 15 and 28 plus 30, complete;
(17) 30 c.y. constructing rubble wall for retaining fills, complete.

Total bids follow:

(A) Underground Const. Co., Berkeley, $38,825.87.
(B) Robert B. McNair, Oakland, $45,144.80.
(C) A & B Const. Co., Sacramento, $46,149.80.
(D) Oakland Sewer Const. Co., Oakland, $52,501.10.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 2.31	$ 3.15	$ 4.25	$ 4.10
(2)	1.98	2.00	3.80	3.64
(3)	1.86	3.10	3.65	3.52
(4)	1.42	1.85	3.45	3.06
(5)	3.87	4.00	4.20	4.90
(6)	5.20	3.00	3.00	4.00
(7)	2.40	2.00	2.50	1.00
(8)	107.00	76.50	75.00	75.00
(9)	112.70	80.00	82.50	75.00
(10)	139.20	100.00	100.00	75.00
(11)	61.00	45.00	30.00	40.00
(12)	12.50	8.00	15.00	15.00
(13)	164.00	200.00	25.00	100.00
(14)	8068.00	9175.00	3000.00	8705.00
(15)	9039.00	9300.00	6000.00	8500.00
(16)	6.00	13.00	25.00	11.00
(17)	6.00	10.00	25.00	11.00

John S. Bates, 3134 Eton Avenue, Berkeley, consulting engineer. Robert Thom, City Engineer. * ?

33— WATER WORKS

BIDS OPENED

OAKLAND, Cal.—A. Soda & Son, 5231 Grove St., Oakland, at $19,000 submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, under Spec. No. LS 166, for the construction of the Crockett Hill Tank, a concrete structure of 1,000,000 gallons capacity.

Complete bids follow:

A. Soda & Son, Oakland	$19,000
Fred J. Early, Jr., S. F.	21,070
Fredrickson & Watson Const. Co., Oakland	21,460
Karl S. Koller, Crockett	21,500
Duncanson-Harrelson Co., S. F.	23,216
Villadsen Bros., Piedmont	23,500
Peninsula Paving Co., S. F.	26,700

Bids held under advisement.

BID OPENING POSTPONED

MARE ISLAND, Cal.—Date for opening bids for two water treatment systems, a continuous blow-down system and chemical feeding system at the Navy Yard Hospital, Mare Island, under Spec. No. 8092, has been indefinitely postponed. Bids were to have been opened by the Bureau of Yards & Docks, Navy Department, Washington, D. C., February 5. Estimated cost, $7,500. * ?

SAN FRANCISCO — CROSSTOWN PIPELINE — (CITY)

SAN FRANCISCO.—MacDonald and Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, at $193,994.50 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 80, for laying the Crosstown Pipe Line consisting of 36- and 44-in. diameter steel pipe.

The work involves:

(1) Removal and delivery of steel pipe from the Newark-San Lorenzo Pipe Line to San Francisco, 11,150 l.f. of 36-in. pipe;
(2) Removal of lining and coating from the steel pipe, 11,150 l.f. of 36-in. pipe;
(3) Repairing holes in 36-in. diam. steel pipe, 75 l.f. of welding;
(4) Relining and recoating of steel pipe with Single Standard Wrapping, 11,100 l.f. of 36-in. pipe;
(5) Fabrication, lining and coating of steel pipe with Single Standard Wrapping, 900 l.f. of 36-in. pipe from ¼-in. plates;
(6) Fabrication, lining and coating of steel pipe with Single Standard Wrapping, 5,500 l.f. of 44-in. dia. pipe from 5/16-in. plates;
(7) Fabrication of bends, 50 roundabout seams from 36-in. diameter steel pipe;
(8) Fabrication of bends, 40 roundabout seams from 44-in. diameter steel pipe;
(9) Excavation and backfill for normal trench, not over 6-ft. below the street surface for 36-in. pipe, 12,300 l.f.;
(10) Excavation and backfill for normal trench, not over 6¾-in below the street surface for 44-in. diameter pipe, 5,500 l.f.;
(11) Additional excavation and backfill for trench from normal trench depth to 8-ft. below street surface, 1,500 c.y.,
(12) Additional excavation and backfill for trench over 8-ft. below street surface, 1,500 c.y.;
(13) Excavation and backfill for drains normal trench, 125 c.y.;
(14) Excavation and backfill for blow-offs, normal trench, 150 c.y.;
(15) Additional pavement removal and replacement, 1500 sq. yds.;
(16) Installation of drains, 225 l.f.;
(17) Installation of steel pipe, 12,300 l.f. of 36-in. dia. steel pipe;
(18) do, 5,500 l.f. of 44-in. steel pipe;
(19) Making joints—for pipe and fittings, 350 l.f. bell and spigot joints;
(20) Installation of fittings, 70,000 lbs
(21) Repavement, 70,000 sq. ft.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10.00.

N. A. Eckart, chief engineer.

Total bids follow:

(A) MacDonald & Kahn Co. Ltd. $193-994.50.
(B) M. J. Lynch, $198,760.00.
(C) Sibley Grading & Teaming Co., Ltd., $199,109.75.
(D) Barrett & Hilp, $199,843.00.
(E) Eaton & Smith, $201,648.50.
(F) Chas. L. Harney, $218,916.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 1.00	$ 1.00	$ 1.05	$ .84	$ .80	$ 1.50
(2)	.60	.60	.64	.73	.60	1.00
(3)	1.10	3.00	1.10	2.80	1.33	5.00
(4)	1.47	2.00	1.50	1.80	2.00	1.75
(5)	6.60	6.00	7.14	7.30	7.75	6.54
(6)	9.80	8.80	11.09	11.00	11.65	9.71
(7)	23.00	16.00	26.50	23.00	13.80	25.00
(8)	28.00	23.00	31.50	30.00	16.00	30.00
(9)	2.50	2.50	2.705	2.40	2.40	2.50
(10)	3.00	3.00	2.875	3.30	3.00	3.00
(11)	2.50	3.00	1.50	2.00	1.00	4.00
(12)	4.00	4.00	1.50	3.00	4.90	4.00
(13)	3.00	2.00	1.50	5.00	2.40	2.00
(14)	3.00	2.00	1.50	5.00	2.40	2.00
(15)	.40	.30	.35	.36	.30	.33
(16)	1.00	1.00	.75	1.70	.75	1.00
(17)	1.00	1.00	1.30	1.00	1.00	1.60
(18)	1.99	1.50	1.37	1.13	1.20	2.40
(19)	1.00	1.00	.75	1.00	.60	2.00
(20)	.01	03	.04	.015	.01	.03
(21)	.18	.30	.175	.22	.22	.19

BIDS WANTED

SAN FRANCISCO—Until February 19, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,904, for installing the San Francisco Bay Bridge approach extension to the auxiliary water supply system for fire protection, a PWA project. Estimated cost, $32,000.

The pipe line will be located chiefly in Perry St. and will follow th Bay Bridge approach from Fifth St. to First St.

The work involves:

Cast Iron Pipe and Special Castings in Place

(1) 96 lin. ft. 20-in. Cl. H bell and spigot, lugged;
(2) 60 lin. ft. 16-in. Cl. H bell and spigot, lugged;
(3) 294 lin. ft. 14-in. Cl. H double spigot, lugged;
(4) 72 lin. ft. 12-in. Cl. H double spigot, lugged;
(5) 1835 lin. ft. 10-in. Cl. H bell and spigot, plain;
(6) 396 lin. ft. 10-in. Cl. H bell and spigot, lugged;
(7) 1363 lin. ft. 10-in. Cl. H double spigot, plain;
(8) 516 lin. ft. 10-in. Cl. H double spigot, lugged;
(9) 542 lin. ft. 8-in. Cl. H bell and spigot, lugged;

NOTE: Items 1 to 9 inclusive, cast iron pipe and part of the special castings, will be furnished by the city. Such special castings as the city does not have in stock shall be furnished by the contractor as hereinafter called for.

(10) 6 each 10-in. gate valves, furnished, tested and delivered;
(11) 2 each 18-in. vertical gate valves, reconditioned;
(12) 1 each 18-in. vertical gate valve, in place;
(13) 2 each 14-in. gate valves, in place
(14) 1 each 12-in. gate valve, in place
(15) 13 each 10-in. gate valves, in place;
(16) 9 each 8-in. gate valves, in place
(17) 9 each Std. H.P. hydrants, in place;

NOTE: Items 11 to 17 inclusive, some 10-in. gate valves shall be furnished by the contractor under Item 10. Balance of gate valves and the hydrants will be furnished by the city.

(18) 28963 lbs. pig lead, furnished and delivered;
(19) 13879 lbs. cast steel special castings, furnished and delivered;
(20) 28746 lbs. cast iron special castings, furnished and delivered;
(21) 13061 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed;
(22) 25031 lbs. wrought iron bolts, nuts and washers, furnished and placed;
(23) 2009 lbs. reinforcing steel furnished and placed;
(24) 33 cu. yds. Class B concrete, in place;
(25) 2807 cu. yds. excavation and backfill;
(26) 7985 sq. ft. asphalt-concrete pavement (1½-in.-1½-in.-8-in) Class F concrete;
(27) 400 sq. ft. asphaltic concrete wearing surface (2-in. thick);
(28) 3011 sq. ft. concrete sidewalks, one course;
(29) 7 cu. yds. crushed rock furnished and placed;
(30) 8 tons B & S or D. S. pipe without lugs. In classes "G" and "H" and nominal diameters of 8-in. to 20-in. inclusive;
(31) 6 tons B & S or D. S. pipe with lugs. In classes "G" and "H" and nominal diameters of 8-in. to 20-in. inclusive.

NOTE: Items 18 to 31 inclusive, all materials, including pipe, shall be furnished by the contractor.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash de-

CONTRACT AWARDED

SUISUN, Solano Co., Calif.—Robert B. McNair and H. Gould, 3745 Rhoda Ave., Oakland, at approximately $34,000 awarded contract by the Suisun City Council (subject to PWA approval) for construction of improvements to the water works system, including laying of new mains and relaying existing mains.

Bids were taken as follows:

(1) 3315 l.f. 12-in. transmission line;
(Alt. a) Cement lined cast iron pipe, wrapped;
(Alt. b) Cement lined cast iron pipe, not wrapped;
(Alt. c) Cement lined steel pipe, wrapped;
(2) 2360 l.f. 8-in. distribution line;
(Alt. a) Cement lined cast iron pipe, wrapped;
(Alt. b) Cement lined steel pipe, wrapped;
(3) 100 l.f. 8-in. pipe installed complete in pipe sheath under railroad tracks;
(Alt. a) Cement lined cast iron pipe, wrapped;
(Alt. b) Cement lined steel pipe, wrapped;
(4) 3315 l.f. 8-in. cast iron pipe, salvaged, cleaned, wrapped, relaid;
(5) 840 l.f. 6-in. distribution line;
(Alt. a) Cement lined cast iron pipe, wrapped;
(Alt. b) Cement lined steel pipe, wrapped;
(6) 900 l.f. 6-in. cast iron pipe, salvaged, cleaned, wrapped, relaid;
(7) 1300 l.f. 4-in. distribution line;
(Alt. a) Cement lined cast iron pipe, wrapped;
(Alt. b) Cement lined steel pipe, wrapped;
(8) 900 l.f. 4-in. cast iron pipe installed bet. spring box and collecting reservoir outlet and existing end of transmission line;
(Alt. a) Cement lined cast iron pipe, not wrapped;
(Alt. b) Cast iron pipe, salvaged, cleaned and dipped;
(9) 9300 l.f. imported borrow where required for bedding pipe, per l.f. of trench, in place;
(10) 11,600 lbs. cast iron fittings, installed;
(11) One only, 12-in. valve;
(12) 13 8-in. valves;
(13) 23 6-in. valves;
(14) 13 4-in. valves;
(15) 16 hydrants;
(16) 4 hydrants, removed and relocated;
(17) 80 service connections;
(18) 400 l.f. ¾-in. lead service pipe, extra;
(19) 500 l.f. 1¼-in. cement lined steel pipe;
(20) 3300 l.f. repaving trench with asphaltic concrete;
(21) 2400 l.f. repaving trench with asphaltic macadam;
(22) Cleaning inside of existing mains and removal from trench, per l.f.
(a) 3315 l.f. 8-inch;
(b) 3000 l.f. 6-inch;
(c) 1300 l.f. 4-inch;
(23) Lump sum, one gravel envelope well drilled and cased;
(24) Lump sum, transfer of existing pump and pump house from Well A to new well;
(25) Lump sum, reconstruction of Well B;
(26) Lump sum, furnish and install automatic control switch at pump with actuating float at reservoir and connecting electric circuit between;
(27) 20 c.y. excavation for aerator and spring development;
(28) 5 c.y. concrete aerator basin and walls and box at spring;
(29) 50 l.f. drain tile laid;
(30) 15 c.y. gravel backfill in spring collecting channels;
(31) 2 c.y. concrete blanket over gravel backfill;
(32) Aerator superstructure complete (except concrete).

The bidders were:

(A) Robert B. McNair and H. Gould, Oakland.
(B) Harvey E. Conner, Redwood City.

Complete unit bids follow:

	(A)	(B)
(1a)	$ 2.95	$ 3.03
(1b)	2.65	2.75
(1c)	2.90	2.89
(2a)	2.20	2.25
(2b)	2.10	2.12
(3a)	7.00	9.13
(3b)	6.65	8.62
(4)	1.52	1.26
(5a)	1.72	1.78
(5b)	1.72	1.98
(6)	1.20	.97
(7a)	1.12	1.29
(7b)	1.12	1.24
(8a)	1.30	.96
(8b)	1.13	.89
(9)	.13	.14
(10)	.055	.09
(11)	80.00	80.00
(12)	40.00	36.75
(13)	28.00	26.00
(14)	19.00	17.00
(15)	73.00	85.00
(16)	15.50	23.00
(17)	7.00	6.50
(18)	.45	.80
(19)	.45	.77
(20)	.70	.95
(21)	.40	.60
(22a)	.34	.33
(22b)	.40	.30
(22c)	.47	.29
(23)	650.00	782.00
(24)	862.00	750.00
(25)	577.00	632.00
(26)	1145.00	1000.00
(27)	2.50	2.00
(28)	40.00	25.00
(29)	.50	.50
(30)	5.00	8.00
(31)	30.00	25.00
(32)	200.00	250.00

The award was based on Items 1b, 2b, 3b, 4, 5a, 7a, 8a, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 22, 23, 24 and 27 to 32 inclusive.

Clyde C. Kennedy, Call Bldg., San Francisco, consulting engineer.

LOW BIDDER

MITCHELL, Ore. — Eugene Ruedy, Sherlock Bldg., Portland, at $18,191 submitted low bid to the Mitchell City Council for construction of a water supply pipe line.

The other bids were:

Anderson Const. Co., Portland..$19,239
O. N. Pierce and Frank L. Connor, Portland 18,280
S. S. Montague, Portland..... 20,996
United Contr. Co., Portland.....21,711

CONTRACT AWARDED

OSWEGO, Oregon — Gilpin Constr. Co., Henry Bldg., Portland, at $116,484.50 awarded contract by the Oswego City Council for the construction of a three pipe trunk sewer and branches converging at outfall, involving 64,000 ft. of pipe.

The other bids were:

Ek & Lind, Portland.....$124,258.10
F. J. Kernan, Portland..... 126,187.35
L. Coluccio, Seattle..... 126,554.75
Kern & Kibbe, Portland..... 126,632.60

BIDS REJECTED

PEARL HARBOR, T. H.—All bids received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., January 15, under Spec. No. 7447, for alterations to pump and fuel oil piping system and new motor-driven fuel oil pump and piping at the Naval Fuel Depot, Pearl Harbor, T. H., have been rejected and the work will be done by yard labor.

CONTRACT AWARDED

HUNTINGTON BEACH, Orange Co. Cal.—Hoagland Engr. & Const. Co., 502 First National Bank Bldg., Long Beach, at $79,753.20 awarded contract by the Huntington Beach City Council for constructing a sewage disposal plant in accordance with plans prepared by Currie Engineering Co., 219 Andreson Bldg., San Bernardino. The proposed work will include a trickling filter type sewage treatment plant with circular primary clarifier, control house, sludge digester, vitrified pipe outfall and miscellaneous piping, pumping equipment, etc. Construction of the main plant will be reinforced concrete.

Total bids follow:

Hoagland Engr. & Const. Co., Long Beach	$79,753.20
J. C. Hickey, Alhambra	87,061.00
V.C.K. Const. Co., L. A.	87,504.70
Cresmer Mfg. Co., Riverside	89,000.00
Contr. Engineers, Inc., Los Angeles	99,666.00

The award is subject to approval by the PWA.

BIDS WANTED

GUSTINE, Merced Co., Calif.—Until February 10, 730 P. M., bids will be received by the Gustine City Council, W. L. Chappell, Clerk, for the cleaning of the ditch beginning at North Ave., flowing in a southerly direction between Second and Third Sts., ending at East Ave.; and for removing and replacing a bridge on 5th Avenue.

Specifications obtainable from above office.

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

HUNTINGTON BEACH, Calif. — Slanding Nurseries, 1348 S. Main St., Santa Ana, at $698.50 awarded contract by Treasury Department for seeding and planting grounds at the U. S. Post Office, Huntington Beach.

BIDS WANTED

SAN FERNANDO, Los Angeles Co., Cal.—Until February 20, bids will be received by the Custodian, U. S. Post Office, San Fernando, for seeding and planting grounds at the U. S. Post Office, San Fernando.

BIDS OPENED

REDWOOD CITY, San Mateo Co., Cal.—Scott Co., 243 Minna Street, San Francisco, at $1,417 submitted low bid to Custodian, U. S. Post Office, Redwood City, for lawn sprinkling system at the post office, Redwood City.

Complete bids follow:

Scott Co., San Francisco	$1,417.00
J. P. Cullen, Redwood City	1,474.39
F. Espey, Redwood City	1,450.00
Kerns Bros., Redwood City	1,905.91
H. E. Conner, Redwood City	1,950.00

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO.—Fred W. Bullock, 445 12th Ave., at $3,175 submitted low bid to Department of Public Works for nursery stock, planting, fertilizing and removal of sod and shrubbery at the San Francisco War Memorial.

Complete bids follow:

Fred W. Bullock	$3,175
Walter A. Hoff (West Coast Nursery)	3,177
California Nursery	6,340

No bids were received on plumbing work. Bids on nursery stock held under advisement.

BIDS WANTED

STATE OF OREGON.—Until Feb. 7, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd floor, Public Service Bldg., Portland, for bridge construction as follows:

Klamath County: Construction of a composite pile trestle bridge over U. S. R. S. Canal "J"; untreated pile trestle bridge over a drainage ditch and a laminated treated timber culvert on the Merrill-Hatfield Co. Road approximately four miles southeasterly from Merrill. Requires approximately 215 c.y. excavation; 240 l.f untreated trestle piling; 1,100 l.f. of treated trestle piling; 11 MFBM untreated lumber; 68 MFBM treated lumber; 56 lbs. metal reinf., and 190 l.f. composite handrail. This project may be bid in combination with Merrill-California Line and Malin-California Line grading project.

Marion County: Pringle Creek-Taylor Creek Section of Pacific Highway: 4.6 miles grading, construction of 4 treated timber box culverts, and construction of 83 ft. treated timber trestle with concrete superstructure. Requires approximately 307,000 c.y. of excavation; 93 MFBM treated lumber in culverts; 29 MFBM treated lumber in bridge; 115 c.y. concrete; 18,000 lbs. metal reinforcement and 180 feet composite handrail.

Multnomah County: Construction of a 116 ft. through plate girder span and two 23-ft. I-beam spans to carry the United Railways track over the Columbia River Highway, approximately 1.8 miles north from the north city limits of Portland. Requires approximately 950 c.y. excavation; 515 c.y. concrete; 36,000 lbs. metal reinforcement; 30 MFBM treated lumber and 370,000 lbs. structural steel

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.00

BIDS WANTED

STATE OF OREGON.—Until Feb. 7, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction as follows:

Columbia County: Columbia County Oiling Project on four sections of county road; 8.46 miles crushed rock surfacing and oil mat surface treatment. Requires approximately 2,650 c.y. crushed rock surfacing materials, and 86,000 sq. yds. oil mat surface treatment.

Coos County: North approach to Coos Bay Bridge on Oregon Coast Highway; 0.53 mile grading, surfacing and bituminous macadam wearing surface. Requires approximately 57,000 c.y. excavation; 4,000 c.y. subbase materials; 1,600 c.y. crushed base materials, and 7,600 sq. yds. bituminous macadam wearing surface.

Coos County: South approach to Coos Bay Bridge on the Oregon Coast Highway; 0.41 mile grading and paving. Requires approximately 9,000 cu. yds. excavation; 13,000 c.y. earth borrow; 1,500 c.y. top soil cover; 3,000 l.f. concrete curb; 1,750 sq. yds. concrete sidewalk; 1,900 c.y. subbase and base materials; 9,000 sq. yds. Portland cement concrete pavement, and 4,000 sq. yds. asphaltic concrete pavement.

Crook and Deschutes Counties: Redmond Rock Production Project. Furnish approximately 8,700 c.y. crushed gravel in stockpile.

Klamath County: Merrill-California Line Section of the Merrill-Hatfield County Road and the Malin-California Line Section of The Dalles-California Highway; 2.5 miles grading, surfacing and oil mat surface treatment and 2.86 miles surfacing and oil mat surface treatment and 2.86 miles surfacing and oil mat surface treatment. Requires approximately 93,000 c.y. excavation; 16,000 c.y. crushed rock surfacing materials; 60,000 sq. yds. oil mat surface treatment, and 3,500 c.y. crushed rock in stockpile.

Multnomah County: Gilsan Street-Foster Road Section of 122nd Avenue; 3.19 miles asphaltic concrete paving, requiring approximately 7,000 c.y. pit-run gravel subbase materials; 4,700 cu. yds. crushed gravel base, shoulder and footpath materials, and 38,000 sq. yds. asphaltic concrete pavement.

Multnomah County: Humphrey Boulevard, 45th Ave. and Cameron Road Bituminous Macadam Project on two sections of county road; 3.06 miles of surfacing and bituminous macadam wearing surface. Requires approximately 2,400 c.y. excavation; 8,800 cu. yds. pit-run gravel subbase materials; 2,550 c.y. crushed gravel base and shoulder materials; 1,000 c.y. salvaged surfacing materials; and 33,000 sq. yds. bituminous macadam wearing surface.

Washington and Yamhill Counties: Rex Hill Section of West Side Pacific Highway; 2.12 miles grading, paving, and moving of buildings. Requires moving of approximately 18 buildings; 157,000 c.y. excavation; 2,800 l.f. timber piling; 15,000 c.y. crushed rock or pit-run gravel subbase materials; 4,500 c.y. crushed rock base, shoulder and footpath materials; 28,000 sq. yds. Portland cement concrete pavement; and 500 sq. yds. asphaltic concrete pavement.

Plans and specifications obtainable at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

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PASADENA — WATER MAINS — (CITY)

PASADENA, Los Angeles Co., Cal. —Case Const. Co., Inc., 905 Westminster Ave., Alhambra, at $55,842.80 submitted low bid to the Pasadena City Council, January 29, for constructing water mains in accordance with plans prepared by Morris Jones, Water Superintendent.

SCHEDULE NO. 1—36-in. centrifugal cast reinforced concrete water mains in Sunset Ave., from Mountain St. to Orange Grove Ave.:

(1) 20 l.f. excavtion and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing pavement);
(1) 20 l.f. excavation and backfill for for depths 8 ft. to 12 ft., including bell holes, removing and replacing pavement;
(3) 1770 l.f. furnish and install 36-in. extra heavy centrif. cast reint. concrete pipe (includ. fittings and special angles).

SCHEDULE No. 1-A — (Alternate for Schedule No. 1. Construction of 36-in. cast iron water min in Sunset Ave. from Mountain St. to Orange Grove Ave.):

(1) 45 l.f. excavating and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing pavement);
(2) 1725 l.f. excavating and backfill for for depths 8 ft. to 12 ft., including bell holes, removing and replacing pavement;
(3) 1770 l.f. furnish and install 36-in. Class B cast iron pipe (including fittings).

SCHEDULE NO. 1-B — (Alternate for Sched. No. 1. Construction of 36-in. steel water main in Sunset Ave. from Mountain St. to Orange Grove Ave.):

(1) 45 l.f. excavating and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing pavement);
(2) 1725 l.f. excavating and backfill for for depths 8 ft. to 12 ft., including bell holes, removing and replacing pavement;
(3) 1770 l.f. furnish and install 36-in. ¼-in. steel pipe (including fittings and special angles).

SCHEDULE NO. 2 — (Construction of 30-in. centrifugal cast reinforced concrete water main in Wilson Ave. from Mountain St. to Villa St.):

(1) 140 l.f. excav. and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing concrete gutter & pave.)
(2) 2575 l.f. excavating and backfill for depths 8 ft. to 12 ft., including bell holes, removing and replacing concrete gutter and pavement);
(3) 2715 l.f. furnish and install 30-in. extra heavy centrif. cast reinf. concrete pipe (includ. fittings and special angles).

SCHEDULE NO. 2-A — (Alternate for Schedule No. 2. Construction of 30-in. cast iron water main in Wilson Ave. from Mountain St. to Villa St.):

(1) 140 l.f. excavation and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing concrete gutter & pave.)
(2) 2575 l.f. excava. and backfill for for depths 8 ft. to 12 ft., including bell holes, removing and replacing concrete gutter and pavement);
(3) 2715 l.f. furnish and install 30-in. Class B. C. I pipe (inc. fittings.

SCHEDULE NO. 2-B — (Alternate for Schedule No. 2. Construction of 30-in. steel water main in Wilson Ave. from Mountain St. to Villa St.):

(1) 140 l.f. excavating and backfill for depths up to and including 8 ft. (including bell holes, removing & replacing concrete gutter & pave.)
(2) 2575 l.f. excava. and backfill for for depths 8 ft. to 12 ft., including bell holes, removing and replacing concrete gutter and pavement);
(3) 2715 l.f. furnish and install 30-in. ¼-in. steel pipe (inc. fittings and special angles).

SCHEDULE NO. 3 — (Construction of 6-in. C. I. water mains and ¾-1- and 2-in. service laterals in Huntington Drive from Colorado Street to Blanche St.)

(1) 2888 l.f. excavation and backfill for 6-in. C. I. water main (includ. bell holes, removing and replacing concrete gutter and pavement);
(2) 196 l.f. excavation and backfill for two 2-in. 12 1-in. and 13 ¾-inch service laterials (inc. removing & replacing pavement);
(3) 2888 l.f. furnish and install, 6-in. C. I. pipe line (including fittings;
(4) 196 l.f. furnishing and install service laterals (inc. fittings).

SCHEDULE NO. 4—(Construction of 6-in. and 8-in. C. I. water mains and ¾- 1- and 1½-in. service laterals in Whitefield Road (Queensbury Road) from Hill Ave. to Allen Ave., and in Allen Avenue from Whitefield Road (Queensbury Rd.) to Brigden Road:

(1) 3012 l.f. excavation and backfill for 120 ft. of 6-in. C. I. water main and 2892 ft. of 8-in. C. I. water main (inc. removing and replacing concrete gutter and pavement);
(2) 1224 l.f. excavating and backfill for two 1½- one 1- & 67 ¾-in. serservice laterials (inc. removing & replacing pavement);
(3) 3012 l.f. furnish and install 120 ft. of 6- and 2892 ft. 8-in. C. I. pipe (including fittings);
(4) 1224 l.f. furnish and install service laterals (inc. fittings).

Total bids follow:

(A) Case Const. Co., Alhambra: Schedule 1, $18,585; Schedule 1A, no bid; Schedule 1B, no bid; Schedule 2, $24,435; Schedule 2A, no bid; Schedule 2B, no bid; Schedule 3, $5,135.24; Schedule 4, $7,687.66; grand total, $55,-842.80.

(B) J. L. Kruly, Los Angeles: Sch. 1, $19,027.50; Sched. 1A and 1B, no bid; Sched. 2, $27,964.50; Sched. 2A and 2B no bid; Sched. 3, $4,836.40; Sched. 4, $8,067; grand total, $59,895.40.

(C) Marko Matick, Los Angeles: Sched. 1, no bid; Sched. 1A, $23,819.-50; Sched. 1B and Sched. 2, no bids; Sched. 2A, $29,027.80; Sched. 2B, no bid; Sched. 3, $3,694.72; Sched. 4, $5,-487.72; grand total, $62,029.74.

(D) Consolidated Steel Corp., Los Angeles: Sched. 1 and 1A, no bids; Sched. 1B, $21,151.50; Sched. 2 and 2A, no bids; Sched. 2B $28,227.60; Sched. 3, $7,581.28; Sched. 4, $10,761.24; grand total, $67,721.62.

(E) J. C. Hickey, Alhambra: Sched. 1, no bid; Sched. 1A, $25,134; Sched. 1B and 2, no bids; Sched. 2A, $32,037; Sched. 2B, no bid; Sched. 3, $6,350; Sched. 4, $9,064; grand total, $72,585.80.

(EE) J. C. Hickey: Alternate on Class "B" Hitensile: Sched. 1, no bid; Sched. 1A, $22,125; Sched. 1B and 2, no bids; Sched. 2A, $28,879; Sched. 2B no bid, Sched. 3, $6,350; Sched. 4, $9,-064; grand total, $66,318.

(F) Western Pipe & Steel Co., Los Angeles: Sched. 1 and 1A, no bids; Sched. 1B, $20,886; Sched. 2 and 2A, no bids; Sched. 2B, $27,950.50; Sched. 3 and 4, no bids.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(EE)	(F)
SCHEDULE 1							
(1)	$3.50	$2.75	$	$	$	$	$ .....
(2)	3.50	2.75	.....	.....	.....	.....	.....
(3)	7.00	8.00	.....	.....	.....	.....	.....
SCHEDULE 1A							
(1)	.....	.....	2.00	.....	3.20	3.20	.....
(2)	.....	.....	2.55	.....	3.20	3.20	.....
(3)	.....	.....	10.92	.....	11.00	9.30	.....
SCHEDULE 1B							
(1)	.....	.....	.....	5.37	.....	.....	5.50
(2)	.....	.....	.....	5.37	.....	.....	5.50
(3)	.....	.....	.....	6.58	.....	.....	6.30
SCHEDULE 2							
(1)	3.00	2.75	.....	.....	.....	.....	.....
(2)	3.00	2.75	.....	.....	.....	.....	.....
(3)	6.00	7.55	.....	.....	.....	.....	.....
SCHEDULE 2A							
(1)	.....	.....	2.00	.....	3.20	3.20	.....
(2)	.....	.....	2.55	.....	3.20	3.20	.....
(3)	.....	.....	8.17	.....	8.60	7.40	.....
SCHEDULE 2B							
(1)	.....	.....	.....	5.13	.....	.....	5.03
(2)	.....	.....	.....	5.19	.....	.....	5.10
(3)	.....	.....	.....	5.21	.....	.....	5.20
SCHEDULE 3							
(1)	.47	.50	.30	1.13	1.10	1.10	.....
(2)	.63	.50	.25	1.23	1.00	1.00	.....
(3)	1.15	1.10	.90	1.32	1.00	1.00	.....
(4)	1.70	.60	.92	1.35	.50	.50	.....
SCHEDULE 4							
(1)	.47	.60	.30	1.13	1.10	1.10	.....
(2)	.37	.60	.25	1.19	1.00	1.00	.....
(3)	1.68	1.65	1.27	1.50	1.30	1.30	.....
(4)	.62	.70	.37	1.13	.50	.50	.....

The bids were referred to the engineer for tabulation and report to the City Board of Directors, February 4.

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Plan $2,292,000 S. F. Utilities Work

New Bids March 10 on Stock Pavilion

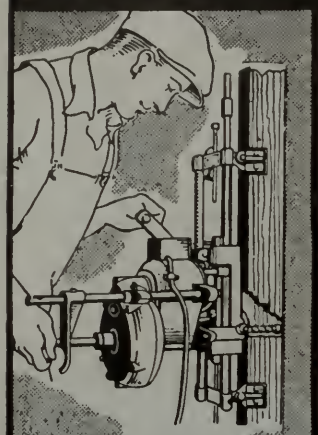
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

February 15, 1936

Vol. XIX—No. 7

WAPPAT Electric TOOLS



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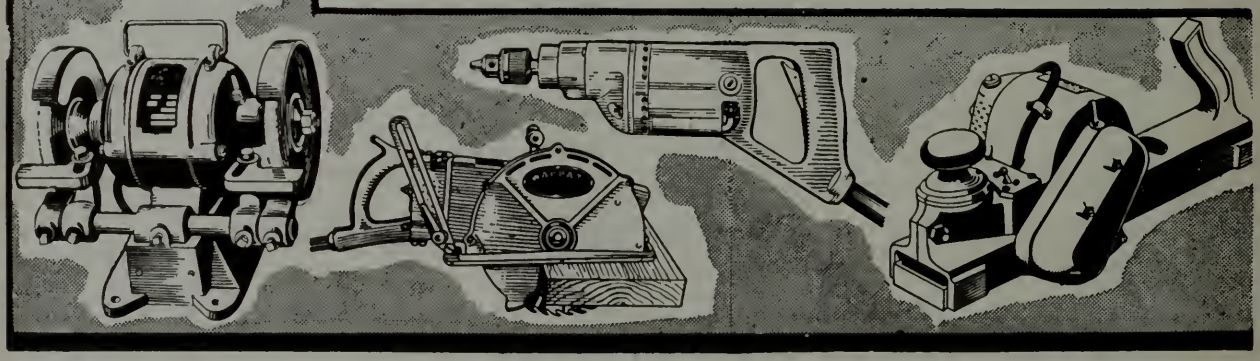

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Vol. XIX SAN FRANCISCO, CALIF., FEBRUARY 15, 1936 No. 7

STATE RELEASES HIGHWAY WORK TO COST $500,000

Eureka Surfacing Contract, Three Southern Jobs Advertised

(SPECIAL TO DAILY PACIFIC BUILDER)

SACRAMENTO, Feb. 11.—Four construction contracts were advertised today by the State Division of Highways involving work for which approximately $500,000 has been allocated in the regular and emergency budgets. Bids will be opened in Sacramento, March 4, on one contract in Northern California and in Los Angeles, March 5, n three contract sin Southern California.

The contracts and the amount programmed for each are:

Humboldt County. Grading and surfacing with bituminous treated crushel gravel or stone in the city of Eureka, about 1.5 miles between the southerly city limits and Wabash avenue, $43,100.

Ventura County. Widening roadbed and placing a widening strip of portland cement concrete pavement about 4.9 miles between Oxnard and Hueneme Road, $73,000.

Ventura County. Grading and applying road-mix surface treatment, about 2.8 miles between East Casitas Pass and Coyote Creek, $76,500 (Works Program Funds).

Imperial County. Grading and construction, bridges, about 20.6 miles on the Calipatria - Imperial road, between New River and a point two miles west of Calipatria; $296,800 (Works Program Funds).

AIR DUCT MADE FROM WIRE MESH

Development of an insulated air duct which is said to reduce the excessive noise ordinarily accompanying the increase of air velocity and answers the need for large size ducts to obtain sufficient volume is announced by the Zonolite Corp., Detroit, Michigan.

The duct is made of wire mesh of a special weave, to which is applied a patented thermal and sound insulation material. The insulation according to the manufacturer, makes a solid covering with low thermal conductivity.

$1,315,000 Contract For City Pipeline Let to Youdall Co.

Moving to speed construction on its PWA waterworks improvement programs, the San Francisco Public Utilities Commission this week announced award of six contracts aggregating approximately $1,638,000.

To Youdall Construction Company, Matson Building, went two contracts totaling $1,315,280 for construction of Crystal Springs Pipeline No. 2 from Millbrae to University Mound reservoir in San Francisco. The contract prices were $846,159 for Section A, welded steel pipe from Baden to the city; and $469,120 for Section B, steel cylinder reinforced concrete pipe from Millbrae to Baden.

MacDonald & Kahn Co., Ltd., Financial Center Bldg., received a $193,994 contract for laying the 36- and 44-inch Crosstown Pipeline.

Lowrie Paving Co., Inc., 1540 Sixteenth street, was awarded the contract for laying 20-inch steel feeder mains in the Park-Presidio and Sunset districts. Price is $126-696.

Two smaller jobs made up the balance of the awards. The Hetch Hetchy Power Division received a $2,089 contract for construction of a five-car garage at Moccasin power house; and a contract for laying six-inch mains in Pacheco street was let to W. J. Tobin, 586 Howard street, at $705.

VETERANS BOARD DROPS APPRAISERS

State Veterans Welfare Board will drop 15 appraisers from personnel in the home loan division, Thomas M. Foley, chairman, announces. The department payroll will be reduced about $2,000 a month by the city. The veterans' board will meet in San Francisco February 21 to consider the policy of listing repossessed homes with realtors for sale.

Production of ranger boilers for the year 1935 totalled 804,581 units compared with 564,765 in 1934, manfacturers reported to the Department of Commerce.

STOCK PAVILION BIDS INVITED FOR MARCH 10

New Figures Will Be Taken With Work Reducd By WPA Aid

New bids will be received March 10 for completion of the first unit in the San Mateo Livestock Pavilion, State Architect Geo. B. McDougall announced yesterday. The state has available about $700,000 in a joint fund contributed by the state, city of San Francisco and PWA to erect the building.

Bids received on a previous opening considerably exceeded the funds available. However, a WPA project authorized thereafter for excavation and construction of the foundations it is expected will reduce the amount of the work to be contracted to a point where the original plan can be realized. The WPA work is due to be finished in March.

The contract is for constructing a one-story reinforced concrete and steel livestock display building. The dimensions will be 300 by 400 feet, with a clear roof span over the entire area. Stadium seats will be provided for 10,000 persons. Stalls are to be built for 300 horses, dormitory units for grooms and incidental rooms.

Plans for the building were prepared by Architect W. D. Peugh, San Francisco, but contribution of the state funds required that the contract be supervised by the State Department of Public Works. Completion of the livestock pavilion will entail construction of additional units, bringing the total investment to an estimated $2,000,000.

LEONARD NAMED S.E.A. PRESIDENT

John B. Leonard was named president and W. Adrian vice-president at a recent election held by members of the Structural Engineers' Association of Northern California, it is announced. Directors named were Wm. H. Popert, Jesse Rosenwald and John J. Gould.

Members of the executive committee are Erle L. Cope, L. H. Nishkian, H. M. Engle, A. V. Saph, Jr., A. W. Anderson, H. B. Hammill and Theodore P. Dresser, Jr.

PLAN $2,292,000 PWA WATERWORKS JOBS FOR CITY

Seven Major Contracts Remain In San Francisco Program

Seven major contracts, cost of which will aggregate approximately $2,292,000, remain to be let in the San Francisco Public Utilities Commission's two PWA programs of improvement and enlargement of the city's utilities, it was learned this week.

Under the original $12,000,000 program five major projects to cost an estimated $2,117,000 have not yet been advertised. Under the current utilities improvements program, for which PWA funds were granted last fall, two contracts amounting to about $175,000 will be advertised in the near future.

Projects included in the original program which the commission will advertise in the future include the following:

Sunset Reservoir, excavation and concrete work, $650,000;

University Mound Reservoir, concrete work and roofing (excavation already completed) $587,000;

Crystal Springs Pipeline No. 2, from Crystal Springs dam to Burlingame, $580,000;

Discharge Pipeline, from Sunset reservoir, $250,000;

Pumping Station, to be built at Irvington, $50,000.

The flexible part of the original program was that covering installation of distribution mains thruout the city, and as bids for these jobs were substantially lower than preliminary estimates had placed the cost it is possible that other main contracts may be let, it was stated. A portion of the surplus created in this part of the program, however, was taken up by enlarging the Crystal Springs pipeline fund.

Under the new program two major contracts remain to be advertised. They are the $100,000 Pilcarcitos pipeline and a $75,000 administration building at the municipal airport. One other contract, for reconstruction of the municipal railway's Geary street tracks between Powell and Kearny streets, now is on the market, with bids scheduled for opening February 19. There remain two or three small contracts for landscaping at Pulgas outlet and other work, in addition to those mentioned.

JANUARY VETS LOANS TOTAL $1,150.000

The State Veterans Welfare Board issued veterans' home and farm selection and purchase certificates to a value of $1,150,000 during January, according to Thomas M. Foley, chairman.

L. A. Attorney Named Counsel Of Water Project

Attorney Arthur R. Honnold of Los Angeles has joined the headquarters staff of the Central Valleys Water Project at Sacramento as district council, it was announced yesterday by Walker R. Young, construction engineer.

Mr. Honnold was attorney with the Bureau of Reclamation from 1909 to 1919 and has been reinstated in government civil service to serve on the Central Valley Project.

During his previous association with the bureau he was district counsel for the Grand Valley Project of the Dakotas and the North Platt Project of Wyoming.

Since then he has been engaged in private law practice in Southern California. He was in Sacramento in 1931 during the legislative session.

Free Courses In Building Trades At Evening School

A number of courses designed for the advancement and development of men employed in the building trades are offered by the technical department of Humboldt Evening High School, Twenty-second and Bartlett streets, according to Architect Theo. G. Ruegg, instructor. Instruction is free, and classes are conducted five nights a week commencing at 7:00 P. M.

A recently reorganized class for men in the finishing trades offers instruction in the fundamentals of making working drawing and reading and interpreting drawings and blue prints. Among other courses are building trades estimating and the basic elements of architectural drawing, according to Mr. Ruegg.

BUILDING LOAN GAIN PREDICTED

Loans to home owners by California building and loan associations this year will more than double the total for last year, President Harold B. Starkey of the California Building-Loan League, predicts. A greatly increased demand for small loans on medium-priced and small homes is anticipated, accoring to Mr. Starkey.

NEVADA EXCHANGE TO BE DISSOLVED

Nevada County Builders' Exchange, which was organized a year ago, has voted to disband, according to information received from Grass Valley. The motion to dissolve the organization was carried at a final meeting held last week. Lack of general interest was assigned as the reason.

BARRETT & HILP LOW BIDDERS ON STATE OFFICES

Four - Story Motor Vehicle Department Building Cost $522,982

SACRAMENTO, Feb. 11. — Barrett & Hilp, Inc., San Francisco, today offered the low bid of $345,983 for the general contract to erect a four-story office building to house the State Motor Vehicle Department. Bids were received by State Architect Geo. B. McDougall. A total of low bids on the general and segregated portions of the work indicates a cost of $522,982 for the building.

The following bids were received on the general contract:

Barrett & Hilp, Inc., S. F.	$322,983
Los Angeles Contracting Co.	364,800
Campbell Const. Co., Sacramento	366,852
K. E. Parker Co., S. F.	368,568
Dinwiddie Const. Co., S. F.	369,700

Low bids for segregated items were submitted as follows: Plumbing, **M. R. Carpenter**, Sacramento, $21,270; Heating and Ventilating, **Luppen and Hawley**, Sacramento, $78,322; Electrical, **Coast Electric Co.**, Long Beach, $31,572; Elevators, **Otis Elevator Co.**, San Francisco, $45,835.

The building is one of two structures of similar plan to be erected on adjoining sites on N street at Eleventh. Excavation and foundation work for both buildings is being done under separate contract. Bids will be taken shortly for construction of the other unit which will be occupied by the State Department of Public Works. Both are to be completed about January 1, 1937.

Postpone Truckee School Bid Date To February 21

The date for opening bids on the $22,000 Truckee grammar school, originally scheduled for tomorrow, has been postponed by action of the district until Friday, Feb. 21.

The school will be a one-story frame and stucco structure containing three classrooms and an auditorium, according to plans prepared by Architects Masten and Hurd of San Francisco.

Only one contractor responded to the first bid call on the project, and his bid was automatically rejected by the district. He was Wm. Martin, San Francisco, who submitted a proposal of $44,000.

The project is one of a number of small schools throughout Northern California which are being financed with the assistance of grants from the Federal Public Works Administration.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
204	Karpen	Owner	1500
205	Carp	Modern	4000
206	Horne	Lindsay	3850
207	Heyman	Owner	3000
208	Kern	Kern	1000
209	Glidden	Ralston	20000
210	Cannata	Rossi	1500
211	Reliance	Sartorio	8100
212	Owning	Owner	1500
213	Cuthbert	Lindsay	3250
214	Cuthbert	Lindsay	3250
215	Cuthbert	Lindsay	3250
216	Cuthbert	Lindsay	3250
217	Clarke	——	7500
218	Clarke	——	7250
219	Hanson	Jacks	4500
220	Hanson	Jacks	1500
221	Carew	Jacks	1000
222	Mathews	Martin	5500
223	Johnson	Owner	1000
224	Newberg	Miller	1500
225	Watts	Owner	1000
226	Gifford	Appelbe	19000
227	Mohler	Owner	3500
228	Kenyon	Jensen	13000
229	Ballen	Woodcraft	2350
230	Doelger	Owner	4800
231	Doelger	Owner	4000
232	Doelger	Owner	4000
233	McCarthy	Aetna	3500
234	McCarthy	Aetna	3500
235	Anza	Rousseau	5000
236	Oppen	Jacks	7000
237	Schneider	Wagner	5000
238	Peterson	Owner	3500
239	Stanford	Wagner	1500
240	Grimes	Morris	4500
241	Boe	Owner	4000
242	Standard	Standard	2000
243	Doelger	Owner	4000
244	Gould	Lindberg	6400
245	Christensen	Owner	4000
246	Funston	Lindgren	9000
247	Hallgren	Owner	4500
248	Fairbairn	Christensen	5000
249	City	Owner	25000
250	Peterson	Owner	2000
251	Olson	Owner	5000
252	Bothin	Mattock	20000
253	Emanuel	Barrett	2000

ALTERATIONS
(204) NO. 1363 OAK ST. Alter flats
Owner—Schelly K. Karpen, 1523 Laguna St., San Francisco.
Architect—Not Given. $1500

DWELLING
(205) E ALEMANY BLVD. 136 N Ottawa St. One-story and basement frame dwelling.
Owner — Mendo Carp, 1136 Clement St., San Francisco.
Architect—Not Given.
Contractor—Modern Bldg. Co., 1136 Clement St., San Francisco. $4000

DWELLING
(206) W TWENTY-SIXTH ST. 225 N Revere St. One-story and basement frame dwelling.
Owner—Geo. T. and Sheela Horne, 166 Del Mar Ave., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3850

DWELLING
(207) W DUNSMUIR ST. 25 N Silver Ave. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $3000

SHOP
(208) NE MORRIS ST. 135 S Bryant St. One-story frame work shop.
Owner—C. Kern, 517 Sixth St., San Francisco.
Architect—Not Given.
Contractor—F. Kern & Sons, 517 6th St., San Francisco. $1000

ALTERATIONS
(209) NO. 1300 SEVENTH ST. Alter warehouse.
Owner—The Glidden Co., Premises.
Engineer—T. Rosseberg, % Owner.
Supt. of Constr.—E. L. Ralston, California Hotel $20,000

ALTERATIONS
(210) W STOCKTON ST. 69 S Greenwich St. Alter flats.
Owner—Frances Cannata, 1843 Stockton St., San Francisco.
Architect—Not Given.
Contractor—Ferdinando Rossi, 32 Jensen St., San Francisco. $1500

ALTERATIONS
(211) W FOLSOM ST., bet. 16th and 17th Sts. Alter manufacturing building.
Owner—Reliance Truck & Trailer Co., 2765 16th St., San Francisco.
Engineer—Philip I. Balser, 1750 Army St., San Francisco.
Contractor—L. Sartorio, % Engineer. $8100

DWELLING
(212) SW HUDSON ST. 100 SE Earl St. One-story frame dwelling.
Owner—Margaret Owning, 138 Yerba Buena Ave., San Francisco.
Architect—Not Given. $1500

DWELLING
(213) N GENEVA AVE. 81 W Delano St. One-story and basement frame dwelling.
Owner—Martin L. Cuthbert, 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., S. F. $3250

DWELLING
(214) N GENEVA AVE. 55 W Delano St. One-story and basement frame dwelling.
Owner—Martin L. Cuthbert, 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., S. F. $3250

DWELLING
(215) N GENEVA AVE. 29 W Delano St. One-story and basement frame dwelling.
Owner—Martin L. Cuthbert, 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., S. F. $3250

DWELLING
(216) N GENEVA AVE 107 W Delano St. One-story and basement frame dwelling.
Owner—Martin L. Cuthbert, 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., S. F. $3250

FLATS
(217) NE TURK AND BEAUMONT Sts. Two-story and basement frame flats.
Owner—D. Clarke, 135 Stockton St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Engineer—Jas. M. Smith, 251 Kearny St., San Francisco.
Contractor—Not Given. $7500

FLATS
(218) N TURK ST. 51 E Beaumont St. Two-story and basment frame flats.
Owner—D. Clarke, 135 Stockton St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Engineer—Jas. M. Smith, 251 Kearny St., San Francisco.
Contractor—Not Given. $7250

ALTERATIONS
(219) NO. 2766 TAYLOR ST. Alter Club.
Owner—Geo. Hanson, % Contractor.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. $4500

ALTERATIONS
(220) S JEFFERSON ST. 100 E Taylor St. Alter store.
Owner—Geo. Hansen, % Contractor.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. $1500

ALTERATIONS
(221) NO. 1615 HAIGHT ST. Alter store.
Owner—J. A. Carew, % Contractor.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. $1000

DWELLING
(222) E GREAT HIGHWAY 337 S Ortega St. One-story and basement frame dwelling.
Owner—Katherine D. Mathews, Monadnock Bldg., San Francisco.
Architect—Edgar A. Mathews, Monadnock Bldg., San Francisco
Contractor—Wm. Martin, 666 Mission St., San Francisco. $5500

ALTERATIONS
(223) NO. 1117-1133 GREEN STREET Alter flats.
Owner—Byron S. Johnson, 1079 Broadway, San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(224) NO. 131 CHERRY ST. Alter dwelling.
Owner—John H. Newberg, Premises.
Architect—Hyman & Appleton, 68 Post St., San Francisco.
Contractor — Miller & McGillis, 527 19th Ave., San Francisco. $1500

ALTERATIONS
(225) NO. 140 BELGRAVE ST. Alter dwelling.
Owner—R. S. Watts, Premises.
Architect—Not Given. $1000

APARTMENTS
(226) N GREENWICH ST. 87 W Montgomry St. Four-story frame flats.
Owner—Mrs. Mabel T. Gifford, % Contractor.
Architect — H. H. Gutterson, 526 Powell St., San Francisco.
Contractor — Frank G. Appelbe, 1067 Walker St., Oakland. $19,000

DWELLING
(227) E TWENTY-NINTH AVE. 50 S Cabrillo St. One-story and basement frame dwelling.
Owner—Thos. E. Mohler, 751 25th Ave., San Francisco.
Architect—Not Given. $3500

APARTMENTS
(228) S BAY 137 E Hyde St. Three-story frame apartments.
Owner—Nora Kenyon, 719 Bay Street, San Francisco.

Architect—W. W. Wurster, 260 California St., San Francisco.
Engineer—A. V. Saph, Rialto Bldg., San Francisco.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St. $13,000

DWELLING
(229) NO. 154 SATURN ST. One-story frame dwelling.
Owner—A. Ballen, Premises.
Architect—A. Williams, 520 Post St., San Francisco.
Contractor—Woodcraft Mfg. Co., 45 Hallam St., San Francisco. $2350

DWELLING
(230) E THIRTY-FIRST AVE. 300 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4800

DWELLING
(231) E THIRTY-FIRST AVE. 325 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco
Architect—Not Given. $4000

DWELLING
(232) E THIRTY-FIRST AVE. 225 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(233) W ALEMANY BLVD. 125 N San Juan St. One-story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor — Aetna Constr. Co., 238 Arleta St., San Francisco. $3500

DWELLING
(243) W ALEMANY BLVD. 75 N San Juan St. One-story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor — Aetna Constr. Co., 238 Arleta St., San Francisco. $3500

DWELLING
(235) E AVILLA ST. 102 S Capra Way. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St. $5000

ALTERATIONS
(236) NO. 3665 WASHINGTON ST. Alter dwelling.
Owner—Geo. Oppen, % Contractor.
Architect — Gardner A. Dalley, 210 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. $7000

ALTERATIONS
(237) NO. 455 POST ST. Alter store
Owner—Not Given.
Lessees—Schneider Bros., Inc., Prem.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $5000

DWELLING
238) S TWENTY-EIGHTH ST. 255 W Noe St. One-story and basement frame dwelling.
Owner—Gust L. Peterson, 229 Bonview Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(239) NW CLAY AND BUCHANAN Sts. Alter apartments.
Owner — Stanford Hospital, Clay and Webster Sts., San Francisco.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park., San Francisco. $1500

DWELLING
(240) E PACHECO ST. 130 S Oriel Way. One-story and basement frame dwelling.
Owner—E. T. Grimes, 810 Pacheco St. San Francisco.
Architect—Harold G. Stoner, % Contractor.
Contractor—A. T. Morris & Sons, 5400 Fulton St., San Francisco. $4500

DWELLING
(241) E EIGHTEENTH AVE. 150 N Taraval St. One-story and basement frame dwelling.
Owner—A. M. Boe, 700 Joost Ave., San Francisco.
Architect—Not Given. $4000

STATION
(242) NE THIRTY-THIRD AVE & Balboa St. One-story Class B service station.
Owner—Standard Stations, Inc., 200 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Standard Oil Co., 225 Bush St., San Francisco. $2000

DWELLING
(243) E THIRTY-SECOND AVE. 275 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco
Architect—Not Given. $4000

DWELLING
(244) W SANTA RITA 133 S Mesa. Two-story and basement frame dwelling.
Owner—John J. Gould, 100 Lake St., San Francisco.
Architect—Resing & McGuiness, 488 Pine St., San Francisco.
Contractor—C. Lindberg, 1 Naylor St. San Francisco. $6400

DWELLING
(245) W TWENTY-NINTH AVE. 100 S Cabrillo St. One-story and basement frame dwelling.
Owner—Herman Christensen, 1422 27th Ave., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(246) NO. 2672 VALLEJO ST. Alter dwelling.
Owner—R. B. Funston, Fremont and Mission Sts., San Francisco
Architect—Gardner A. Dailey, 210 Post St., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St., $9000

DWELLING
(247) S DARIEN WAY 158 N Northgate. One-story and basement frame dwelling.
Owner—A. Hallgren, 1594 29th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco $4500

DWELLING
(248) W TWENTY-NINTH AVE. 125 S Cabrillo Street. One-story and basement frame dwelling.
Owner—F. C. Fairbairn, 651 14th Ave., Oakland.
Architect—Not Given.
Contractor—Herman Christensen, 1422 27th Ave., San Francisco. $5000

ALTERATIONS
(249) NO. 3767 SACRAMENTO ST. Alter firehouse.
Owner—City and County of S. F.
Architect—Not Given
WPA Project. $25,000

DWELLING
(250) W JULES AVE. 172 N Grafton Ave. One-story frame dwelling.
Owner — Ernest Peterson, 131 Jules Ave., San Francisco.
Architect—Not Given $2000

FLATS
(251) E THIRTY-FIRST AVE. 55 N Judah St. Two-story and basement frame flats.
Owner—Carl Olson, 1495 18th Ave., San Francisco.
Architect—Not Given. $5000

WAREHOUSE
(252) E SIXTH ST. 205 N Brannan St. One-story Class B warehouse.
Owner — Bothin Real Estate Co., 604 Mission St., San Francisco.
Engineer — Norman Green, Sharon Bldg., San Francisco.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco. $20,000

ALTERATIONS
(253) NO. 300 PAGE ST. Alter Sisterhood building.
Owner—Emanuel Sisterhood, Prem.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $2000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
111	McMillan	Barr	1690
112	Oakland	Owner	4000
113	Ferro	Campomenosi	6800
115	Carrington	Altermatt	4000
115	McClung	Owner	3500
116	Turner	Henderson	23990
117	Bonds	Owner	6000
118	Quayle	Melrose	1000
119	Wilcox	Owner	4000
120	Taylor	Owner	5000
121	Maxwell	Brown	3000
122	Zampa	Campomenosi	10000
123	City	Villadsen	23750
124	Haulman	Owner	4000
125	Cotroneo	Waldman	3500
126	Leekins	Leekins	4000
127	Johnson	Owner	4000
128	Dunne	Owner	4500
129	Child	Harper	2500
130	Stroud	Owner	4500
131	Pacific	Christensen	6800
132	Lund	Owner	2900
133	Wood	Electric	1800
134	Walsh	Petersen	1500
135	Graeser	Schulz	10000

ALTERATNONS
(111) NO. 104 PALA AVE., PIEDMONT. Alterations.
Owner—Dan A. McMillan, Premises.
Architect—W. E. Milwain, 731 Alma Ave., Oakland.
Contractor — Robert J Barr, 874 41st St., Oakland. $1690

OFFICE BLDG.
(112) NO. 554 FIFTY-NINTH ST., OAKLAND. One - story office building.
Owner—Oakland Recreation Department, City Hall.
Architect—Not Given. $4000

DWELLING
(113) SE CARBERRY AND 57TH. Sts., OAKLAND. One-story five-room dwelling & one-story frame garage.
Owner—T. Ferro, 5117 Shattuck Ave., Oakland.
Architect—Not Given.
Contractor — E. Campomenosi, 6401 Broadway Terrace. $6800

DWELLING
(114) E COLTON DRIVE., bet. Diaz and Mendoza Drive, OAKLAND. Two-story 5-room dwelling.
Owner—J. A. Carrington.
Architect—Not Given.
Contractor — J. F. Altermatt, 2431 Tourus Ave., Oakland. $4000

DWELLING
(115) NO. 1342 ALBINA ST., **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner — D McClung, 2443 Webster St., Berkeley.
Architect — E. R. Decham, 364 14th St., Oakland. $3500

OFFICE BLDG.
(116) NO. 2560 BANCROFT WAY, **BERKELEY.** Two-story 30-room frame office building.
Owner—Elsie Lee Turner, 2710 Durant Ave., Berkeley.
Architect — Juila Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—H. K. Henderson, 20 Avis Road, Berkeley. $23,990

DWELLING
(117) NO. 455 VASSAR ST., **BERKELEY.** Two-story 6-room frame dwelling and garage.
Owner—Milton S. Bonds, 583 Spruce St., San Francisco.
Architect—Not Given. $6000

ALTERATIONS
(118) NO. 370 STATEN AVENUE, **OAKLAND.** Alterations.
Owner—Mrs. J. Quayle, Premises.
Architect—Not Given.
Contractor — Melrose Builders, 1700 47th Ave., Oakland. $1000

DWELLING
(119) NO. 573 WALA VISTA AVE., **OAKLAND.** One-story four-room dwelling.
Owner — Kyle L. Wilcox, 571 Wala Vista Ave., Oakland.
Architect—Not Given. $4000

DWELLING
(120) NO. 2417-23 EIGHTH AVE., **OAKLAND.** One-story 8-room frame dwelling.
Owner—F. S. Taylor, P. O. Box 95, Fruitvale.
Architect—Not Given. $5000

ALTERATIONS
(121) N. 2100 SHATTUCK AVENUE, **BERKELEY.** Alterations
Owner—Maxwell Hardware Co., 2100 Shattuck Ave., Berkeley.
Architect—Not Given.
Contractor—Henry Brown, 1387 E-32nd St., Oakland. $3000

DWELLING
(122) NO. 1962 BYWOOD DRIVE, **OAKLAND.** Two-story 8-room dwelling.
Owner — A. Zampa, 1821 Elm Street Alameda.
Architect — Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — E. Campomenosi, 6401 Broadway, Ter., Oakland. $10,000

LIBRARY
(123) NO. 785 SANTA CLARA AVE. **ALAMEDA.** One-story concrete library building.
Owner—City of Alameda.
Architect—Carl Werner, 1803 Bay St., Alameda.
Contractor—Villadsen Bros., Inc., 1140 Winsor Ave., Piedmont. $23,750

DWELLING
(124) NO. 2830 FERNSIDE BLVD., **ALAMEDA.** One-story six-room frame and stucco dwelling.
Owner — P. Royal Haulman, 1243 Broadway, Alameda.
Architect— Not Given. $4000

DWELLING
(125) NO. 5872 MARSHALL STREET **OAKLAND.** Five-room dwelling.
Owner—M. Cotroneo, Watsonville.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $3500

DWELLING
(126) NO. 3237 FLORIDA STREET, **OAKLAND.** Two-story six-room dwelling.
Owner—A. B. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland. $4000

DWELLING
(127) NO. 15 EL CARMELO CIRCLE **OAKLAND.** One-story six-room dwelling.
Owner — O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given. $4000

ADDITION
(128) NO. 6115 SAN PABLO AVE., **OAKLAND.** Addition.
Owner — Dr. N. P. Dunne, 5915 San Pablo Ave., Oakland.
Architect—Not Given. $4500

SHOP
(129) NO. 1362 FIFTY-THIRD AVE. **OAKLAND.** Cabinet shop.
Owner—E. S. J. Child, 1940 41st Ave., Oakland.
Architect—H. D. Oliphant.
Contractor—W. O. Harper, 1919 62nd Ave., Oakland. $2500

DWELLING
(130) NO. 5124 COCHRANE AVE., **OAKLAND.** Five-room dwelling.
Owner—J. A. Stroud Jr., 370 17th St., Oakland.
Architect—Not Given. $4500

ADDITIONS
(131) NO. 1608 FOURTH STREET, **BERKELEY.** Additions.
Owner — Pacific Paint & Barrel Co., Premises.
Architect—A. R. Froberg, 1955 Webster St., Oakland.
Contractor — H. J. Christensen, 1955 Webster St., Oakland. $6800

DWELLING
(132) NO. 1375 ACTON ST., **BERKELEY.** One-story 5-room frame dwelling.
Owner—R. O. Lund, 1035 Cornell St., Berkeley.
Architect—Not Given. $2900

SIGN
(133) NO. 3764 TELEGRAPH AVE., **OAKLAND.** Roof sign.
Owner—Fred T. Wood, Inc.
Architect—Not Given.
Contractor — Elec. Prod. Corp., 950 30th St., Oakland. $1800

ALTERATIONS
(134) NO. 1555-57 TWENTY-THIRD Ave., **OAKLAND.** Alterations and additions.
Owner—W. Walsh, 1557 23rd Ave., Oakland.
Architect—Not Given.
Contractor — J. B. Petersen & Son, 4021 Agua Vista Ave. $1500

DWELLING
(135) NO. 201 PERSHING DRIVE. **OAKLAND.** Two - story 8-room dwelling.
Owner—Dr. Jas. B. Graeser, 322 Moss Ave., Oakland.
Architect—Not Given.
Contractor—H. K. Schulz, 811 Mendocino Ave., Berkeley. $10,000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
16	Mendo	S. F.	335
17	Capurro	Vukicevich	19624
18	Gould	Lindberg	8300

ALTERATIONS
(16) NO. 1424-1426 POLK ST. All work for removing and replacing elevator motor, floor selector device and counterweights on passenger elevator No. 5217.
Owner—Mendo Corp., 625 Hearst Bldg. San Francisco.
Architect—Not Given.
Contractor—San Francisco Elevator Co., 860 Folsom St., S. F.
Filed Feb. 5, '36. Dated Jan. 29, '36.
Contract signed $85.70
March 1, 1936.... 50 plus 6% interest
April 1, 1936.... 50 plus 6% interest
May 1, 1936..... 50 plus 6% interest
June 1, 1936.... 50 plus 6% interest
July 1, 1936..... 50 plus 6% interest
TOTAL COST, $335.70
Bond, limit, forfeit, plans and specifications, none.

STORE & OFFICE BLDG.
(17) SE COLUMBUS AVE. AND Green St. All work for two-story and basement frame store and office building.
Owner—Joseph E. Capurro, 874 Green St., San Francisco.
Architect—Martin Rist, Phelan Bldg., San Francisco.
Contractor — M. E. Vukicevich, 709 Mission St., San Francisco.
Filed Feb. 5, '36. Dated Feb. 4, '36.
On 1st and 15th of each month.... 75%
Usual 35 days..... Balance
TOTAL COST, $19,624
Bond, $19,624. Surety, The Fidelity & Casualty Co. of New York. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

DWELLING
(18) LOT 5 BLK 23, Forest Hill. All work for two-story and basement frame dwelling.
Owner—Mr. and Mrs. John J. Gould.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Contractor — C. Lindberg, 1 Naylor St., San Francisco.
Roof on $2075
Brown coated inside and out.... 2075
Completed and accepted..... 2075
Usual 35 days..... 2075
TOTAL COST, $8300
Bond, $4150. Sureties, Chas. Monson and E. W. Peterson. Limit, 90 working days. Forfeit, $10 per day. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
14	Associated	Lindgren	8890
15	Christ	Paige	19670

STATION
(14) SHATTUCK AVE. AND ROSE Sts., Berkeley. All work for service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Filed Feb. 6, '36. Dated Jan. 31, '36.
10 days after completion..... 75%
Usual 35 days..... 25%
TOTAL COS, $8890
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
POR LOT 1, Bellevue Park, Piedmont. All work for two-story and basement frame residence.
Owner—Andrew Christ, 1136 Clarendon Ave., Oakland.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor—Harold Paige, 5651 Oak Grove Ave., Oakland.
Filed Feb. 10, '36. Dated Jan. 30, '36.
On or before 5th of ea. mo..... 75%
Usual 35 days..... 25%
TOTAL COST, $19,670
Bond, $19,670. Surety, St. Paul Mercury Indemnity Co. Limit, 140 days. Forfeit, none. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Completed
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 1940 Washington.
Alterations to apartments (change two 4-room apts. into four 2-room apts.) carpentry work, plumbing, etc.
Owner—J. H. Hirzstein.
Architect—H. C. Baumann, 251 Kearny Street.
Bids will be asked within a few days.

Plans Being Prepared
APARTMENTS Cost, $15,000
CARMEL, Monterey Co., Calif.
Two-story apartment building (whitewashed brick and chalkrock construction).
Owner—Mrs. Ethel P. Young, Pebble Beach.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN FRANCISCO. N Greenwich St. W Montgomery St.
Four-story frame and stucco apartment building.
Owner—Mrs. Mabel T. Gifford.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—Frank G. Appelbe, 1067 Walker St., Oakland.

Preparing Preliminary Plans.
APARTMENTS Cost, $75,000
HILLSBOROUGH, San Mateo Co., Cal. El Camino Real, bet. Floribunda and Bellevue Aves.
Two-story frame and stucco apartment building (Rambling type) five seven-room apartments) unit heating system; (type not determined).
Owner—Howard Spreckels, 1617 Floribunda Road, Hillsborough.
Architect — J. S. Gould, 251 Kearny St., San Francisco.
Further details will be announced at a later date.

Owner Taking Bids
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 1940 Washington.
Alterations to apts. (change two 4-room apts. into four 2-room apts.) carpentry work, plumbing, etc.
Owner—J. H. Hirztstein, % architect.
Architect—H. C. Baumann, 251 Kearny Street.

Sub-Bids Wanted
ALTERATIONS Cost, $2,500
ALAMEDA, Alameda Co., Calif. Lincoln and Verdi Avenues.
Alterations to residence (one 7-room flat and two 4-room apts.) hardwood flooring, individual gas heaters, painting, plumbing, etc.
Owner—Withheld.
Plans by Cyril Doane (Wal. 6291).
Sub-bids are wanted on hardwood flooring, gas heating units, painting, papering, plumbing, etc.

3— CHURCHES

Contract Awarded.
CHURCH Cont. Price, $9370
LAGUNITAS, Marin Co., Calif.
One-story frame and stone church.
Owner—Sacred Heart Church.
Architect — E. A. Eames, 353 Sacramento St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Complete bids follow:

Moore & Roberts	$ 9,370
Leibert & Trobock, San Rafael	9,615
John Schnieder, Oakland	9,735
Michael Brueck, S. F.	9,832
Marine Cabinet & Fixture Wks San Anselmo	9,868
Jack Callaghan, S. F.	11,847

Planned
CHURCH Cost, $——
VALLEJO, Solano Co., Cal. 407 Capitol Street.
One - story frame and stucco church (44x80-feet) auditorium, 41x50 ft., rostrum and choir loft, committee room, etc.
Owner—Full Gospel Assembly.
Architect—Not Given.

4— FACTORIES & WAREHOUSES

Contract Awarded
ALTERATIONS Cost, $10,000
SAN FRANCISCO. W Folsom Street bet. 16th and 17th.
Alterations to manufacturing bldg.
Owner—Reliance Truck & Trailer Co., 2765 16th Street.
Engineer—P. L. Balser, 1750 Army St.
Contractor—L. Sartori, 2627 Lombard Street.

Planned
DISTILLERY Cost, $100,000
NAPA, Napa Co., Calif.
Distillery at Hedgeside Distillery.
Owner — Hedgeside Distillery (Pierre de La Montanya, owner).
Architect—Not Given.

Contract Awarded
WAREHOUSE, ETC.
Contract Price, $58,337
BAKERSFIELD, Kern Co., Calif. K and L Streets.
Warehouse, shop and garage building (reinforced concrete construction, brick filler walls).
Owner—Bakersfield City School Dist.
Architect—Ira W. Hoover & Wm. C. Hayes (Edwin J. Symmes office), Haberfelde Bldg., Bakersfield.
Contractor—A. J. Hendricks, Bakersfield.
Complete bids published Feb. 4.

Contract Awarded
WAREHOUSE Cost, $6,000
STOCKTON, San Joaquin Co., Calif. 131 North Edison Street.
One-story warehouse.
Owner—Taylor Milling Co., 1037 West Weber St., Stockton.
Architect—Not Given.
Contractor—Western Industrial Engineering Co., 2223 E. 37th Street, Vernon.

Plans Being Figured—Bids Close Feb. 25, 1 P. M.
WAREHOUSE Cost, $20,000
WINTERS, Yolo Co., Calif.
One- and two-story reinforced concrete warehouse and fruit packing building (60x230 feet).
Owner—Winters Dry Fruit Company, Winters.
Architect—Dragon & Schmidts, 3016 Telegraph Ave., Berkeley.

Low Bidder.
ADDITION Cost, $——
BERKELEY, Alameda Co., Calif. Fourth and Cedar Streets.
One-story reinforced concrete addition to factory (composition roofing, steel sash, 20 gallon gas heater, fire doors, etc.)
Owner—Pacific Paint & Varnish Wks. Premises.
Architect—Alben Forbers, 1955 Webster St., Oakland.
Low Bidder—J. H. Christensen, 1955 Webster St., Oakland.

Well Drilling Contract Awarded.
REFINERY Cost, $2,000,000
YOLO COUNTY, Cal. North of Woodland.
Beet sugar refinery (group of 4 brick buildings; capacity of 1800 tons).
Owner—Spreckels Sugar Co., (C. J. Moroney, Mfg.), 2 Pine St., San Francisco.
Plans by Engineering Dept. of Owner (Harris E. Rowe, Chief Engineer).
Well Drilling — Altman & Cooper, Woodland.

Sub-Bids Wanted.
ALTERATIONS Cost, $10,000
EMERYVILLE, Alameda Co., Calif. Park and Hubbard Streets.
Alterations to concrete warehouse (work involves masonry, painting, concrete, reinforcing steel, structural steel, electric, plumbing, excavation and bulkhead, etc.)
Owner—American Trust Co., 464 California St., San Francisco.
Engineer—William Adrian, 417 Market St., San Francisco.
Contractor—Fred DuPuy, 110 Sutter St., San Francisco.

Plans Being Prepared
DISTRIBUTING PLANT Cost, $12,000
SOUTH VALLEJO, Solano Co., Calif.
One - story distributing plant (steel building with storage tanks).
Owner—Shell Oil Co., Shell Building, San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded
ADDITION Cost, $10,000
BERKELEY, Alameda County, Calif. Fourth and Cedar Streets.
One - story reinforced concrete addition to factory (composition roofing, steel sash, 20-gal. gas heater, fire doors, etc.)
Owner—Pacific Paint & Varnish Wks Premises.
Architect—Alben Froberg, 1955 Webster Street, Oakland.
Contractor—H. J. Christensen, 1955 Webster Street, Oakland.

Contract Awarded.
SHOP Cost, $3000
OAKLAND, Alameda Co., Cal. No. 1362 Fifty-third Avenue.
One-story frame cabinet shop.
Owner — S. J. Child, 1940 41st Ave., Oakland.
Architect—Not Given.
Contractor—W. O. Harper, 1919 62nd Ave., Oakland.

Plans Awaiting PWA Approval
SHED EXTENSION Cost, $85,000
OAKLAND, Alameda Co., Calif. Outer Harbor.
Extension to Transit Shed (270-foot northerly extension) steel and concrete construction.
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.

Contract Awarded
WAREHOUSE Cost, $20,000
SAN FRANCISCO. East Sixth Street North Brannan.
One-story Class B warehouse.
Owner—Bothin Real Estate Co., 604 Mission Street.
Engineer—Norman Green, Sharon Building.
Contractor—A. F. Mattock Co., 212 Clara Street.

Contract Awarded
SACKHOUSE Cost, $4,000
MERCED, Merced County, Calif.
One-story steel and corrugated iron sackhouse building.
Owner—Yosemite Portland Cement Co., San Francisco and Merced.
Plans by Engineering Dept. of Owner
Contractor—Kyle & Co., Fresno.

Contract Awarded
PLANT Cost, $——
SCOTIA, Humboldt Co., Calif.
New bark peeling plant (236x63 feet) to replace plant recently destroyed by fire).
Owner—Pacific Lumber Co., Scotia.
Plans by Engineering Dept. of Owner.
Contractor—Mercer - Fraser Co., Eureka.

PREPARING PLANS
SANTA MONICA, Los Angeles Co., Cal.—Edward C. Taylor and Ellis W. Taylor, architects and engineers, 803 W Third St., Los Angeles, are preparing working drawings for another manufacturing unit to be added to the west side of the Douglas Aircraft Co. plant at 3000 Ocean Park Blvd., Santa Monica. Bids for the structural steel, which will amount to approximately 700 tons, will be taken next week and separate bids for other parts of the work will be taken later. The new unit will cover an area of 300x300 ft. and will have a basement under the entire building. The basement story will be constructed of reinforced concrete and the main floor will be of concrete slab. The superstructure will have a structural steel frame with corrugated iron sides and roof and steel sash.

5— FLATS

Plans Completed
FLATS Cost, $10,000 each
SAN FRANCISCO. N Turk St. near Beaumont.
Two two-story and basement frame and stucco flats (10 rooms, and 2 baths each) tile roof, canvas walls and ceilings, hardwood floors, concealed radiation with gas - fired steam boiler, tile baths, etc.
Owner—D. Clarke, 135 Stockton St.
Architect—H. C. Baumann, 251 Kearny Street.
Owner will take sub-bids shortly.

To Be Done By Day's Work.
FLATS Cost, $6000
SAN FRANCISCO. E Thirty-first Ave. N Judah Street.
Two-story and basement frame and stucco flats.
Owner and Builder—Carl Olson, 1495 18th Ave., San Francisco.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $8,890
BERKELEY, Alameda Co., Cal. Shattuck Ave. and Rosa Street.
Service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Lindgren and Swinerton, 225 Bush St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $——
VALLEJO, Solano Co., Calif.
Addition to automotive service building (add greasing, oiling and light service depts., concrete floor, etc.)
Owner—C. C. Lane (Lane Motor Co.), Vallejo.
Architect—Not Given.
Contractor—George Barenchi, Vallejo.

Contract Awarded
ALTERATIONS Cost, $3,722
SANTA ROSA, Sonoma Co., Cal. Main and Second Streets.
Reconstruction of service station.
Owner—Union Oil Co., Los Angeles.
Plans by Engineering Dept. of Owner.
Contractor—Fred J. Early, Jr., 359 Pine St., San Francisco.

Sub-Bids Being Taken.
GARAGE Cost, $2000
EL CERRITO, Contra Costa Co., Cal.
One-story concrete, frame and stucco garage (46x25 feet) steel sash, composition roof; concrete floors, etc.
Owner—Chung Mei Home, El Cerrito.
Architect—Fred Reimers, 233 Post St., San Francisco.
Contractor—Fred DuPuy, 110 Sutter St., San Francisco.

To Be Done By Day's Work.
SERVICE STATION Cost, $3000
SAN FRANCISCO. NE Thirty-third Ave. and Balboa St.
One-story Class B service station.
Owner—Standard Stations, Inc., 200 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

CONTRACT AWARDED
TUOLUMNE COUNTY, Cal.—Hetch Hetchy Power Division (Public Utilities Commission) at $2,089.83 awarded contract by Public Utilities Commission, Room 287, City Hall, San Francisco, under Hetch Hetchy Water Supply Contract No. 157, for the construction of a five-car garage at the Mocassin Power House, Tuolumne County. Structure will be 22x53 feet, of wood frame construction with concrete foundations, concrete floor and apron; cement plaster exterior with stucco finish; stall partitions and a 10-ft. wide concrete apron extending the length of the building.

Sub-Contracts Awarded.
POST OFFICE.... Cont. Price, $83,000
REDDING, Shasta Co., Calif. Oregon Street, bet. Placer and Yuba Sts.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
Excavation—S. R. Eastwood, Redding.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.
Waste Molds — Herman Bosch, 2075 Folsom St., San Francisco.

BIDS WANTED
BONNEVILLE, Ore.—Until Feb. 25, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, 627 Pittock Block, Portland, under Bid No. 694-36-257, for construction of a station building, sections buildings, bunkhouse, tool house, etc., at Bonneville Dam, for the O.-W. R. R. & N. Co.'s railroad.
See list of bid items under Classification (33) **Waterworks.** *

BIDS WANTED
PEARL HARBOR, T. H.—Until March 4, bids will be received by the Commandant, 14th Naval Dist., Pearl Harbor, for improvement to elevators at the Fleet Air Base, Pearl Harbor, T. H. Spec. No. 8110. Estimated cost $5,000.

7— FEDERAL BUILDINGS

BUILDING MATERIALS APPROVED
SAN FRANCISCO. — Treasury Department approved the following building material and equipment awards for the construction of the U. S. Mint in San Francisco. Clinton Const. Co. San Francisco, general contractors:
Water supply pumps, Chicago Pump Co.; controllers for water supply pumps, Westinghouse Elec. & Mfg. Co.; fire pump, Chicago Pump Co.; hot water circulating pump and drinking water circulating pump, Westo Pump Corp.

Complete Bids
POST OFFICE Cost, $445,000
SANTA BARBARA, Cal. Canyon Perdido and Anacapa Streets.
Two - story and basement post office building (170x170 feet) reinf. concrete and steel construction, shingle tile roof, tile floor, marble walls in lobby, metal skylights, vaults, steam heat, service elevator, pavement in courtyard, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Consulting Engineer—R. D. Johnson, Architects' Bldg., Los Angeles.
Low Bidder—Sarver & Zoss, Inc. 1015 W. Fourth St., Los Angeles.
Complete bids follow:

Sarver & Zoss, L. A.	$341,600
Robt. E. McKee, L. A.	355,500
L. F. Dow Co., L. A.	366,660
Whittaker & Snook, Pasadena	365,500
M. W. Smith, Santa Barbara	398,365
MacDonald Const. Co., Saint Louis, Mo.	413,225

Contract Awarded
SERVICE STATION Cost, $25,000
REDWOOD CITY, San Mateo Co. Cal.
Steel service station.
Owner—General Petroleum Corp., 519 19th Street, Oakland.
Plans by Engineering Dept. of Owner
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

Bid Opening Date Postponed Until Feb. 28, 1 P. M.
INSPECTION STATION Cost, $——
SASABE, Arizona.
U. S. Inspection Station.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office. No deposit required for one set.
Date was previously set for Feb. 14.

Bids Rejected.
POST OFFICE Cost, $650,000
SPOKANE, Washington.
Four-story reinforced concrete Post Office Building (189x107 feet; loading platform, 98x84 feet).
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans will be revised and new bids asked at a later date.
On bid opening lowest bid was submitted by A. D. Belanger, Seattle, at $644,888.

CONTRACT AWARDED

WHITTIER, Los Angeles Co., Cal.—B. Mako, Los Angeles, at $138 awarded contract by Treasury Department for plaster models for the U. S. post office at Whittier.

Sub-Contracts Awarded.

POST OFFICE Cont. Price, $41,430
LODI, San Joaquin Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Roofing—Bush Roofing Co., San Jose.
Plumbing—Scott Co., 243 Minna St., San Francisco.
Electric Wiring—Collins Electric Co., Stockton.
Heating — Scott Co., 243 Minna St., San Francisco.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Tile Work—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Glass—W. P. Fuller Co., Stockton.
Iron Grille Work—Anchor Post Fence Co., 460 5th St., San Francisco.
Brick Work — H. Drake, 666 Mission St., San Francisco.
Lathing and Plastering—M. J. King, 2343 Bay St., San Francisco.
Lumber—Lodi Lumber Co., Lodi.
Wood Sash — National Mill Co., 400 High St., Oakland.
Hardware—Sargent & Co.
Painting—Ecker Painting Co., Stockton.
Flooring—Regal Floor Co., 490 Brannan St., San Francisco.
Reinforcing Steel — Soule Steel Co., 1750 Army St., San Francisco.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.

BIDS OPENED

BENICIA, Solano Co., Cal.—A Nelson, Inc., 242 Ocean Ave., San Francisco, at $5645 submitted low bid to Constructing Quartermaster, Fort Mason, for repairs to east wall and roof of warehouse No. 71, at the Benicia Arsenal. Complete bids follow:

(1) Work complete, accepting flashings.
(2) Repairs to flashings.
(3) Excavation, per cu. yd.
(4) Concrete, per cu. yd.
(5) Reinf. rods, per lb.
(6) Wood piles, each.

A. Nelson, Inc., San Francisco	(1)	$5645.00
	(2)	830.00
	(3)	8.00
	(4)	20.00
	(5)	.08
	(6)	40.00
Duncanson Harrelson, S. F.	(1)	5898.00
	(2)	1900.00
	(3)	5.00
	(4)	16.00
	(5)	.05
	(6)	15.00
M. B. McGowan, S. F.	(1)	6748.00
	(2)	1000.00
	(3)	.75
	(4)	15.00
	(5)	.065
	(6)	17.00
Hanson Bros., S. F.	(1)	7967.00
	(2)	1637.00
	(3)	5.00
	(4)	22.50
	(5)	.05
	(6)	41.00

Bids held under advisement.

To Ask Bids Shortly

POST OFFICE Cost, $70,000
SPRINGVILLE, Arizona.
U. S. Post Office and Forestry Service building (2-story brick structure)
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

CONTRACT AWARDED

HAYWARD, Alameda Co., Cal.—August Dackert & Co., 1450 15th St., San Francisco, at $40 awarded contract by Treasury Department for plaster models for the U. S. Post Office at Hayward.

SUB-CONTRACTS AWARDED

VENTURA, Cal.—Wesco Constr. Co., 2000 Hyperion Ave., Los Angeles, reports subcontracts for the U. S. Post Office building to be erected in Ventura awarded as follows: Piling to J. H. Baxter & Co.; pile driving to Parrish Bros.; cement and rough lumber to Peoples Lumber Co.; sand and rock to Saticoy Rock Co.; excavating to Price Co.; reinforcing steel to Zonne Electric Tool Co.; electric hardener to Truscon Steel Co.; millwork, glass and glazing to Pacific Manufacturing Co.; electric equipment to Zonne Electric Tool Co.; eleectric wiring to Cooper-Williams; composition and tile roofing to Phil E. French brick to Davidson Brick Co.; structural steel to Consolidated Steel Corp. ornamental iron to South Gate Iron Works; vault doors to Herring-Hall-Marvin Safe Co.; toilet partitions to Fiat Metal Mfg. Co.; sheet metal to Atlas Cornice Works; linoleum and cork carpet to Broadwa. Department Store; hardwood floors to Western Floor Co.; finish hardware to Yale & Towne Mfg. Co.; plumbing to Ed. Willardson.

COMPLETING PLANS

LOS ANGELES, Cal.—Navy Department engineers are completing plans for an air base to be established on a 350- acre site on Terminal Island, Los Angeles Harbor. The base, which will provide facilities for basing seaplanes and for operation of land planes, will include hangars, runways, ramps and docks. Estimated cost $483,000. Construction will be handled by WPA forces.

8— CLUB BUILDING

Construction Postponed Indefinitely.

ALTERATIONS Cost, $45,000
OAKLAND, Alameda Co., Cal. Fourteenth and Franklin Streets.
Alterations to club.
Owner—Athenian Nile Club, Premises.
Architect—Fred Reimers, 233 Post St., San Francisco.
Contractor—Fred Muller, 805 Syndicate Bldg., Oakland.

Contract Awarded

ALTERATIONS Cost, $5,000
SAN FRANCISCO. 2766 Taylor St.
Alterations to club.
Owner—George Hanson.
Architect—S. Heiman, 605 Market St.
Contractor—Jacks & Irvine, 620 Market Street.

Contract Awarded

CLUBHOUSE Cost, $5,000
FRESNO, Fresno Co., Calif. 2491 G Street.
One-story frame and stucco clubroom.
Owner—Associated Oil Co., 79 New Montomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Taylor-Wheeler Co. Power Bldg., Fresno.

9— HOSPITALS

Contract Awarded.

HOSPITAL Cont. Price $223,080
SANTA ROSA, Sonoma Co., Cal.
Two-story steel hospital bldg. (stucco exterior, probably tile roof, steam heating system, steel sash, etc.: 200-bed capacity).
Owner—County of Sonoma.
Architect—John I. Easterly, Exchange Bldg., Santa Rosa.
Engineer—Ed. A. Peugh, (County Engineer, Courthouse, Santa Rosa.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

BIDS WANTED

SAN FRANCISCO—Until February 26, 10 A. M., bids will be received by the Custodian, U. S. Marine Hospital, 14th Ave. and Lake St., for interior and exterior painting of buildings at the Marine Hospital. Work includes certain interior painting of main building No. 1 and exterior painting of buildings Nos. 1, 6, 7, 9, 10 and 16.

Specifications may be obtained at Room 113, Marine Hospital

No bid will be considered unless specifications are returned with the bid when submitted.

Contracts Awarded

WARD Contract Price, $77,747
NORWALK, Los Angeles Co., Calif. State Hospital.
Two - story reinforced concrete ward building (to accommodate 100 patients) tile roof, tile partitions, steam heating system from central plant, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—L. F. Dow, 1243 25th St., Santa Monica.
Heating and Ventilating—J. Herman Co., 1349 E. Vernon Avenue, Los Angeles, $7,800.
Electric—Norton & Norton Elec. Co., 1375 N. Broadway, Los Angeles, $2,470.
Plumbing—F. C. Schilling, 3215 Beverly Blvd., Los Angeles, $4,954.
Complete bids published Feb. 5.

PLANNED

MERCED COUNTY, Cal.—A group of Gustine and Newman citizens will raise funds to assist financing construction of a new community hospital to serve the two communities. The building is estimated to cost $30,000. Dr. A. M. Roscoe will subscribe $15,000 and it is proposed to offer stock at $100 per share to make up the balance needed.

The preliminary board of directors includes Dr. A. M. Roscoe, Ernest Beall, F. A. Patchetts of Newman and W. K. McBride, W. E. Bunker and W. H. Jensen of Gustine.

BIDS REJECTED

SANTA MARIA, Santa Barbara Co., Cal.—Santa Barbara county supervisors rejected as too high all bids for improvements to the branch county hospital in Santa Maria, a PWA project. Robert D. Patterson submitted the low bid at $34,900. Rudolph A. Polley, 611 E. Cypress Street, Santa Maria, architect.

BIDS REJECTED

SANTA BARBARA, Calif. — Santa Barbara county supervisors rejected as too high all bids received Feb. 10 for construction of a tuberculosis ward at Santa Barbara county hospital. R. D. Patterson submitted the low bid at $27,200. Henry W. Howell, 157 Cheltenham Drive, Santa Barbara, architect.

11—ICE & COLD STORAGE PLANTS

Contract Awarded.

COLD STORAGE PLANT $20,000
EUREKA, Humboldt Co., Calif.
Cold storage plant.
Owner—Eureka Ice & Cold Storage Co., Third and B Sts., Eureka.
Plans by Engineering Dept. of Owner.
Contractor—Halsby & Lax, 324 F St., Eureka.

Sub-Contracts Awarded.

STORAGE BLDG. Cost, $50.000
STOCKTON, San Joaquin Co., Calif.

No. 815 S-Center Street.
Reinforced concrete storage building.
Owner—National Ice & Cold Storage Co., 85 2nd St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Reinforcing Steel—Kyle & Co., Stockton.
Cork Insulation—Mundet Cork Corp., 440 Brannan St., San Francisco.
Plumbing—W. T. Gibson, 123 South Grant St., Stockton.
Steel Stairs—F. Kern & Sons, 517 6th St., San Francisco.
Miscellaneous and Ornamental Iron—Michel & Pfeffer Iron Works, 10th and Harrison Sts., San Francisco.

12— POWER PLANTS

BIDS WANTED

PEARL HARBOR, T. H.—Bids are being received by Bureau of Yards & Docks, Navy Department, Washington, D. C., for remodeling substation building and for electrical equipment at the Navy Yard, Pearl Harbor. Spec. No. 8051. Estimated cost, $145,000.

Date of opening bids will be announced shortly.

Plans Being Prepared.

ALTERATIONS, ETC. Cost, $——
SUSANVILLE, Lassen Co., Calif.
Alterations and additions to power plant and mill.
Owner—Lassen Lumber & Box Co., Susanville.
Engineer—Hunt Mirk & Co., Inc., 141 Second St., San Francisco.

Contract Awarded.

ALTERATIONS, ETC. Cost, $50,000
FORT BRAGG, Mendocino Co., Calif.
Alterations and additions to power plant.
Owner — Union Lumber Co., Fort Bragg.
Engineer—Hunt Mirk & Co., Inc., 141 Second St., San Francisco.

Hunt Mirk & Co. will supervise construction of additions to power plant and installation of 779-hp. all-welded steel boiler. Contract for constructing the boiler has been awarded Western Pipe & Steel Co., 444 Market St., San Francisco. Bnuilding alterations will be done by company's own forces.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

SEEK FUNDS

RIVERSIDE, Cal.—Riverside county supervisors will apply to the WPA for funds with which to finance the construction of an addition to Riverside county courthouse. Cost estimated at $150,000. Preliminary plans being prepared by Architect G. S. Wilson, Mission Inn, Riverside.

Planned

MUNICIPAL AUD. Cost, $180,000
SANTA CRUZ, Santa Cruz Co., Cal.
Site To Be Selected.
Municipal auditorium and civic center.
Owner—City of Santa Cruz.
Architect—Not Selected.
PWA funds will be sought.

Planned

POLICE STATION Cost, $25,000
BURLINGAME, San Mateo Co., Cal.
Burlingame Avenue near Park.
New police station.
Owner—City of Burlingame.
Architect—Not Given.
Application will be filed with PWA.

LOW BIDDER

EL SEGUNDO, Los Angeles Co., Cal.—T. A. Beyer Corp., 533 Chamber of Commerce Bldg., Los Angeles, submitted low bid to El Segundo city council at $33,409 for a one-story reinforced concrete library building to be erected at El Segundo. John C. Austin and Frederic M. Ashley, sixth floor, Chamber of Commerce Bldg., Los Angeles, architects.

BIDS OPENED

SAN FRANCISCO—Western Venetian Blind & Shade Co., at $1191 submitted low bid to Purchasing Department, San Francisco, for venetian blinds for the War Memorial. Complete bids follow:

Western Venetian Blind & Shade Co.	$1191.00
D. N. & E. Walter Co.	1248.84
Gunn Carle & Co.	1269.00
General Seating Co.	1279.91
Neill D. Parker	1280.00
National Venetian Blind Co., Oakland	1287.42
O'Connor Moffatt & Co.	1328.30
Lachman Bros.	1356.49
E. J. Ruhlman & Co.	1495.75

Bids held under advisement.

BIDS WANTED

SAN FRANCISCO—Until February 19, 2:30 P. M., bids will be received by Department of Public Works, Rm. 251, City Hall, for concrete and masonry work of the San Francisco War Memorial Court, on block bounded by Van Ness Ave., Grove, Franklin and McAllister Streets.

Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall, upon deposit of $5.

Contract Awarded

LIBRARY Cont. Price, $32,490
VISALIA, Tulare Co., Calif. Tipton-Lindsey Playground.
One-story library building.
Owner—City of Visalia (Kathleen H. Sim, City Clerk).
Architect—C. A. Balch, 1584 West Washington St., Los Angeles.
Contractor—Hodgson & Son, Porterville.

BOND ELECTION

CARMEL, Monterey Co., Cal.—City of Carmel will vote March 3rd (date postponed from Feb. 25) on a proposal to issue bonds in the amount of $12,000 to finance construction of a two-story reinforced concrete fire station on Sixth Avenue between Mission and San Carlos, Carmel.

Plans prepared by Architect Milton Latham, P. O. Box 1257, Carmel.

Project approved by the WPA.

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until February 17, 5 P. M. (to be opened at 8 P. M.) bids will be received by John J. Lynch, City Clerk, City Hall, San Jose, for furnishing and installing stage equipemnt in the San Jose Auditorium building, located at Market and San Carlos Streets, San Jose.

Plans and specifications may be obtained from Architects Binder & Curtis, 35 West San Carlos Street, San Jose, upon deposit of $5.00.

BIDS REJECTED

LOMPOC, Santa Barbara Co., Cal.—Santa Barbara county supervisors February 10 rejected as too high both bids submitted February 3 for the construction of a Veterans' Memorial and county office building at Lompoc, a PWA project. Ray J. Daum was low bidder at $97,000. Winsor Soule and John F. Murphy, Santa Barbara, architects.

LOW BIDDER

LONG BEACH, Cal.—J. K. Thomas, 700 Kress Bldg., Long Beach, submitted low bid to Long Beach city manager at $270,000 for construction complete and/or $207,692 for the general contract, for the construction of the Veterans' Memorial building at the corner of Cedar Ave. and Broadway. J. H. Davies, Ocean Center Bldg., Long Beach, structural engineer, and George Kahrs, 1224 Linden Avenue, Long Beach, architect.

To Ask Material Blds.

ALTERATIONS Cost, $——
MARTINEZ, Contra Costa Co., Cal.
Installation of vault and alterations of basement offices in County Courthouse (electrical work, etc.)
Owner—County of Contra Costa.
Plans by County Engineer, Martinez.
Bids will be asked by County Purchasing Agent, J. H. Morrow on cement, rock, sand, reinforcing steel and wire netting. Work being financed in part with WPA funds.

14— RESIDENCES

Lumber Contract Awarded

RESIDENCE Cost, $12,000
SAN FRANCISCO. Francisco Heights.
Two-story and basement frame residence (New England style) seven rooms, 2 baths; whitewashed brick front, slate roof, etc.
Owner—Mrs. H. Young.
Architect—D. D. Stone, 110 Sutter St.
Contractor—Fred. K. DuPuy, 110 Sutter Street.
Lumber—Roth Maier Lumber Co. 2800 Third Street.

Additional Sub-Contracts Awarded

RESIDENCE Cost, $10,000
SAN FRANCISCO. N Casa Way SE Marina Boulevard.
Two - story and basement frame and stucco residence.
Owner—W. C. Fox.
Architect—Fred Reimers, 233 Post St.
Contractor—Fred. K. DuPuy, 110 Sutter Street.
Metal Weatherstrips — Chamberlin Metal Weather Strip Co., 895 Post.
Roofing—Alta Roofing Co., 976 Indiana Street.
Mantel—California Cut Stone & Granite Co., South San Francisco.
Ornamental Iron—Rincon Orna. Iron Works, 1315 Natoma Street.
Other awards reported Jan. 14.

Plans Being Completed.

RESIDENCE Cost, $4500
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One-tory and basement frame and stucco residence (5 rooms) tile and composition roofing, wood sash, hardwood floors, tile bath, etc.
Owner—John Johnson, % Architect.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Sub-bids will be taken within a few days.

Plans Being Completed.

RESIDENCES Cost, $4000 each
SAN FRANCISCO. Pinelake Park.
Three one-story and basement frame and stucco residence (6 rms. each) tile roof, gas heating systems, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Sub-bids will be taken in one week.

Owner Taking Bids.

RESIDENCE Cost, $5009
KING CITY, Monterey Co., Cal.
One-story and basement frame and stucco residence (5 rooms); heatolator in fireplace, wood shingle roof, wood sash, linoleum in bath, tile shower, hardwood floors, etc.
Owner—H. O. Branstetter, King City.
Architect—Chas. Butner, 630 Pajaro St., Salinas

Plans Being Completed.
ALTERATIONS Cost, $——
SAN FRANCISCO. Lombard and Hyde Streets.
Alterations to residence (porches, stairway, etc.)
Owner—Mr. Watson.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6000
SAN JOSE, Santa Clara Co., Calif. No. 1715 Emory Street.
Two-story frame and stucco residence (6 rooms).
Owner—J. E. Klose, 937 So. Seventh St., San Jose.
Achitect—Not Given.
Contractor — A. R. Calvelli, 1265 Emory St., San Jose.

Contract Awarded.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Calif. No. 537 Hull Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—G. L. Keesling, 314 S. Sixth St., San Jose.
Architect—Not Given.
Contractor—C. F. Keesling, 798 Coe Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $8000
SAN JOSE, Santa Clara Co., Calif. No. 1297 University Avenue.
Two-story frame and stucco residence (7 rooms).
Owner—E. S. Lewis, 1195 Sierra Ave., San Jose.
Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.
Contractor—W. H. Schwartz, 521 S. 8th St., San Jose.

Contract Awarded.
RESIDENCE Cost, $4500
OAKLAND, Alameda Co., Cal. No. 5872 Marshall Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—M. Cotroneo, Watsonville.
Architect—Not Given.
Contractor—A. S. Waldman, 3192 McKillop Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. No. 3237 Florida Street.
Two-story frame and stucco residence (6 rooms).
Owner—A. B. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 31st Avenue N Judah Street.
Three one-story and basement frame and stucco residences.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. W Alemany Blvd. N San Juan.
Two one-story and basement frame and stucco residences.
Owner—The McCarthy Company, 333 Kearny Street.
Architect—Not Given.
Contractor—Aetna Const. Co., 238 Arleta.

Sub-Contracts Awarded.
RESIDENCES Cost, $4500 to $5000 ea
SAN JOSE, Santa Clara Co., Calif. Sherwood St., between Newhall and O'Brien Court.
Four one-story frame and stucco residences (five rooms each) and four one-story frame and stucco residences (6 rooms each).
Owner—Cooper & Lowe.
Architect — Edward Kress, 121 Mayellen Ave., San Jose.
Contractor—M. W. Reese, 1210 Minnesota Ave., San Jose.
Plumbing & Heating—Henry Pascoe. 475 Delmas Ave., San Jose.
Lumber—L. H. Chase Lumber Co., San Jose.
Concrete—Pyle Bros., San Jose.
Reinforcing Steel—San Jose Steel Co., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 15 El Carmelo Circle.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 5124 Cochran Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder — J. A. Strand, Jr., 370 17th St., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
HALF MOON BAY, San Mateo Co., Cal. Kelly Avenue.
One-story and basement frame and stucco residence.
Owner—E. Schultz.
Architect—Not Given.
Contractor—Cunha Bros., P. O. Box 44, Half Moon Bay.

Contract Awarded.
RESIDENCE Cost, $6000
STOCKTON, San Joaquin Co., Cal. No. 1417 West Walnut Street.
Two-story frame and stucco residence (7 rooms).
Owner—Benjamin and Anna B. Silver, 129 E. Main St., Stockton.
Architect—Not Given.
Contractor — Acers & Stevenson, c/o Owner.

Contract Awarded.
RESIDENCE Cost, $7000
STOCKTON, San Joaquin Co., Calif. No. 960 Bristol Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—Arthur Glick, 1422 No. Baker St., Stockton.
Architect—Not Given.
Contractor—C. I. Carlson, 807 North Madison St., Stockton

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Calif. 1061 O'Brien Court.
One-story and basement frame and stucco residence (five rooms).
Owner—Lewis S. Wood.
Architect—Charles McKenzie, Twohy Bldg., San Jose.

Contracts Awarded.
RESIDENCE Cost, $——
MARYSVILLE, Yuba Co., Calif. Model Home.
Owner—Appeal-Democrat, Marysville.
Architect—Not Given.
Contractor—Pheal Bros., Marysville.
Materials and Supplies — Diamond Match Co
Plumbing and Sheet Metal — J. C. Wood.
Painting and Decorating — Robinson Paint Co.
Plastering and Brick Work — Meiske Brothers.
Electric—Henry Nelsen.
All of Marysville.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
ALAMEDA, Alameda Co., Cal. No. 2830 Fernside Blvd.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—P. Royal Haulman, 1243 Broadway, Alameda.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Twenty-ninth Ave. S Cabrillo St.
One-story and basement frame and stucco residence.
Owner and Builder—Thos. E. Mohler. 751 25th Ave., San Francisco.
Architect—Not Given

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 968 Park Lane.
Two-story frame and stucco residence (6 rooms).
Owner — Glenn Johnson, 1409 Santa Clara Ave., Alameda.
Architect—Not Given.
Contractor—David Kestl. 2217 Browning St., Oakland.

Contract Awarded
RESIDENCE Cost, $6,500
BURLINGAME, San Mateo Co., Cal. 29 Cabrillo.
Two-story frame and stucco residence
Owner—E. W. Spregue.
Architect—Not Given.
Contractor—W. O. Nicolaides 218 Peninsula Ave., San Mateo.

Sub-Contracts Awarded
RESIDENCE Cost, $7,599
SAN FRANCISCO. E Russian Hill Place N Vallejo Street.
Two-story frame residence.
Owner—S. G. and Carolyn L. Heyman 944 Lake Street.
Architect—Farr & Ward, 68 Post St.
Contractor—H. S. Meinberger, 343 4th.
Roofing—Anderson Tile Roofing Co., 116 Natoma Street.
Plumbing—J. J. McLeod, 1246 Golden Gate Avenue.
Electric Wiring—Atlas Electric Engr. Co., 956 Folsom Street.
Lathing and Plastering—Gus Jacobsen, 183 Parnassus Ave.
Glass—Cobbledick-Kibbe Glass Co. 666 Howard Street.
Lumber — Loop Lumber Co., Central Basin.
Wood Sash—Acme Mfg. Co., 345 Bayshore Blvd.
Concrete—Bay Conc. Co., 365 Ocean Avenue.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN FRANCISCO. S Darien Way N Northgate.
One-story and basement frame and stucco residence.
Owner and Builder—A. Hallgren, 1584 29th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 2247 Lakeside Avenue.
One - story and basement frame and brick veneer residence (5 rooms).
Owner and Builder—Ecker Bros., Rt. 1, Box 15, Stockton.
Architect—Not Given.
Contract Awarded
RESIDENCE Cost, $4,000
SAN MATEO, San Mateo Co., Calif. S Idaho Street.
One - story and basement frame and stucco residence.
Owner—A. D. McLellan, 19 Hayward, San Mateo.
Architect—Not Given.
Contractor—Harry Kime, 118 Twelfth Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO. W Twenty-ninth Ave. S Cabrillo St.
One-story and basement frame and stucco residence.
Owner—F. C. Fairbairn, 651 14th Ave., San Francisco.
Architect—Not Given.
Contractor—Herman Christensen, 1422 27th Ave., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $5,500
SAN MATEO, San Mateo Co., Calif. Lot 1 Block 5, Avella.
One - story and basement frame and stucco residence.
Owner and Builder—Wallace Waterhouse, 1747 Palm Ave., San Mateo.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
BURLINGAME, San Mateo Co., Cal. Dwight Rd. and Burlingame Ave.
Two one-story and basement frame and stucco residences.
Owner and Builder—Burlingame Realty & Bldg. Co. ,1090 Burlingame Square, Burlingame.
Architect—Not Given.

Preparing Working Drawings
RESIDENCE Cost, $100,000
HILLSBOROUGH, San Mateo Co. Cal.
Two - story frame and brick veneer residence (20 rooms, 10 baths) gate lodge (five rooms) servants' quarters (5 rooms) six-car garage, heavy shake roof, forced hot water heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked in about 10 days.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 each
BURLINGAME, San Mateo Co., Cal. Oak Grove Manor, Marin Drive.
Three one-story and basement frame and stucco residences.
Owner and Builder—C. H. Bessett, 826 Walnut Ave., Burlingame.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $6,500 each
SAN MATEO, San Mateo Co., Calif. Aragon Boulevard.
Two one-story and basement frame and stucco residences.
Owner—Thos. F. Wiseman, 121 Sycamore, San Mateo.
Plans by Owners.
Contractor—Leadley & Wiseman, 207 Second Ave., San Mateo .

Plans Being Completed
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co. Cal.
Two-story frame and stucco residence (10 rooms and 3 baths) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked in about 10 days.

Contract Awarded
RESIDENCE Cost, $15,000
PIEDMONT, Alameda Co., Calif. St. James Wood.
Two-story brick and rustic residence.
Owner—C. G. Morse.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Sub-Bids Being Taken.
RESIDENCE Cost, $1500
SAN FRANCISCO. Eighteenth and Texas Streets
One-story and basement frame and stucco residence (5 rooms) tile & composition roofing, gas heating system, hardwood floors, wood sash, etc.
Owner and Builder — J. Carlson, 2239 Bryant St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. Rockridge District.
One-story and basement frame and stucco residence (6 rooms and 2 baths) single roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley St., Oakland.
Bids will be asked in ten days.

Preparing Working Drawings.
RESIDENCE Cost, $4500
OAKLAND, Alameda Co., Cal. Montclair District.
One-story and basement frame and stucco residence (5 rooms) tile roof, wood sash, hardwood floors, tile bath, etc.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley St., Oakland.
Bids will be asked in about ten days

Contract Awarded.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story and basement frame and stucco residence (7 rooms and 3 baths) tile roof, gas heating system, hardwood floors, wood sash, tile baths, etc.
Owner—Mr. Kameny.
Architect — Ray Keefer, 770 Wesley St., Oakland.
Contractor—C. H. Thrams, 28 Home Place, Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. No. 562 Cragmont Avenue.
Two-story frame and stucco residence (6 rooms).
Owner and Builder — J. M. Walker, 1709 Grove St., Berkeley.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo County.
One and one - half - story frame and stucco residence (5 rooms) shingle roof, gas heating system, hardwood floors, etc.
Owner—Not Given.
Architect—Hertzka and Knowles, 369 Pine St., San Francisco.
Contractor—J. R. Pitsker, 2003 Broadway, Redwood City.

To Ask Bids Within Few Days
RESIDENCE Cost, $——
LOS GATOS, Santa Clara Co., Calif.
Two - story frame, stucco and brick veneer residence (six rooms).
Owner—Fred Oehler, American Trust Company, San Jose.
Architect—Binder & Curtis, 35 W San Carlos St., San Jose.

Contract Awarded.
RESIDENCE Cost, $——
WATSONVILLE, Santa Cruz Co.,
Two-story and basement frame and stucco residence.
Owner—Mr. Blaisdell.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—T. H. Rosewall, 422 3rd St., Watsonville.

Contract Awarded
RESIDENCE Cost, $18,590
SAN MATEO, San Mateo Co., Calif.
Two-story frame and stucco residence
Owner—Ernest Stent, Ringwood Rd., Menlo Park.
Architect—Leslie I. Nichols, 529 Guinda St., Palo Alto.
Contractor—Edward J. Schmaling, 563 Melville Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. College Park.
Two-story and basement frame and stucco residence (seven rooms and 3 baths), tile roof, gas heating system, hardwood floors, tile baths
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor — J. Carroll Rodgers, 111 Fernley Ave., North Sacramento.

Plans Being Completed
RESIDENCE Cost, $——
UKIAH, Mendocino Co., Calif.
Two - story frame and stucco residence (6 rooms) Monterey style; shingle roof, wood sash, oil heating system, hardwood floors, etc.
Owner—Henry C. Spurr.
Architect — Earl MacDonald, 3812 Broadway, Oakland, and Herman A. Schoening, associated, 3139 Carleton, Oakland.
Bids will be asked within 1 week.

Contract Awarded
RESIDENCE Cost, $4500
SAN FRANCISCO. Sunset District.
One - story and basement frame and stucco residence (6 rooms) Monterey - Colonial type, wood sash, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Mrs. Scott.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Contractor—S. Guinasso, 4125 Broadway, Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Pacheco St. S Oriel Way.
One-story and basement frame and stucco residence.
Owner — E. T. Grimes, 810 Pacheco St., San Francisco.
Architect — Harold G. Stone, West Portal and Portola Drive, S. F.
Contractor — A. T. Morris & Sons, 5400 Fulton St., San Francisco.

Plans Being Completed.
RESIDENCE Cost, $6500
SALINAS, Monterey Co., Calif.
One-story and basement frame and stucco residence (6 rooms, 1 bath and extra lavatory) tile roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Sam Pierce.
Architect — Chas. Butner, 51 Maple St., Salinas.

Contract Awarded
RESIDENCE Cost, $8,300
SAN FRANCISCO. W Santa Rita 133 S Mesa Avenue.
Two - story and basement frame and stucco residence.
Owner—John J. Gould, 100 Lake St.
Architect—Resing & McGuinness, 488 Pine Street.
Contractor—C. Lindberg, 1 Naylor St.

Low Bidder.
RESIDENCE Cost, $6500
CONTRA COSTA COUNTY (Near Berkeley City Line).
Two-story frame residence (5 rooms and garage) shingle roof, shingle walls, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—V. A. Kimberly.
Architect—Warren C. Perry, 260 California St., San Francisco.
Low Bidder — J. B. Malmstrom, 5856 Broadway, Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
WALNUT CREEK, Contra Costa Co.
Two-story frame residence (shingle roof, sheet sash, hardwood floors, gas heating system, etc.
Owner—W. J. Chapman.
Architect—Miller & Wernecke, Financial Center Bldg., Oakland.
Contractor—Victor Sigge, 3912 Linwood Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 550 Santa Rita Avenue.
Two-story frame, stucco and brick veneer residence.
Owner—Mrs. Ethel N. Brown.
Architect—Not Given.
Contractor—W. F. Klay, 1726 Fulton St., Palo Alto.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 2417-2423 Eighth Avenue.
One-story frame and stucco duplex residence (two 4-room residences).
Owner and Builder—F. S. Taylor, P. O. Box 95, Fruitvale.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 573 Wala Vista Avenue.
One-story frame residence (4 rooms).
Owner—K. L. Wilcox, 571 Wala Vista Ave., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. E Great Highway S Ortega.
One - story and basement frame and stucco residence.
Owner—Katherine D. Mathews, Monadnock Bldg.
Architect—Edgar A. Mathews, Monadnock Building.
Contractor—Wm. Martin, 666 Mission Street.

Contract Awarded
ALTERATIONS Cost, $2,000
PIEDMONT, Alameda Co., Calif. 104 Pala Avenue.
Alterations to residence.
Owner—Dan A. McMillan, 104 Pala Avenue, Piedmont.
Architect—Not Given.
Contractor—Robert J. Barr, 874 41st Street, Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Cal. No. 416S Shortridge Ave.
One-story and basement frame and stucco residence (5 rooms).
Owner—J. Richard Carlo.
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 North 31st St., San Jose.

Contract Awarded
RESIDENCE Cost, $4,500
SAN FRANCISCO. W 26th Street N Revere.
One - story and basement frame and stucco residence.
Owner—Gorge and Sheela Horne, 166 Del Mar.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN FRANCISCO. W Paraiso N Sloat Boulevard.
One - story and basement frame and stucco residence.
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. E Alemany Blvd. N Ottawa.
One - story and basement frame and stucco residence.
Owner—Mendo Carp, 1136 Clement St.
Architect—Not Given.
Contractor—Modern Bldg. Co., 1136 Clement Street.

Sub-Bids Being Taken.
RESIDENCE Cost, $4,000
HAYWARD, Alameda Co., Calif.
One-story wood frame and rustic residence (4 rooms) composition roofing, gas heating system, wood sash, hardwood floors, tile bath.
Owner—Cooper & Davis.
Plans by Cyril Doane (Wal. 6291).

Contract Awarded
RESIDENCE Cost, $4,500
STOCKTON, San Joaquin Co., Calif. 132 E. Mariposa Street.
One - story and basement frame and stucco residence five rooms).
Owner—Jack La Farque, 3134 N. Sutter Street, Stockton.
Architect—Not Given.
Contractor—F. P. Dobson, 1150 West Harding Way, Stockton.

Contract Awarded
RESIDENCE Cost, $8,000
SACRAMENTO, Sacramento Co., Cal. 1141 Vallejo Way.
Two-story frame and stucco residence
Owner—E. R. Drake.
Architect—Not Given.
Contractor—Hansen and Sutter, 308 Oakmont Ave., Sacramento.

Contract Awarded
RESIDENCE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 2159 Lakeside Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner—George Langhead.
Architect—Not Given.
Contractor—S. C. Giles, 121 W. Knoles Way, Stockton.

Contract Awarded
RESIDENCE Cost, $7,000
SACRAMENTO, Sacramento Co., Cal. 1823 12th Avenue.
Two-story frame and stucco residence
Owner—T. D. Lindblad, 2420 W Sacramento St., Sacramento.
Architect—Not Given.
Contractor—N. H. Bateman, 1608 21st St., Sacramento.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
SACRAMENTO, Sacramento Co., Cal. 2769 Land Park Drive.
Two-story frame and stucco residence
Owner and Builder—Thos. A. Scott, 2532 59th St., Sacramento.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. 2672 Vallejo St.
Alterations to residence.
Owner—B. R. Funston.
Architect—Gardner Dailey, 210 Post.
Contractor—Lindgren and Swinerton, 225 Bush Street.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 131 Cherry Street.
Alterations to residence.
Owner—John H. Newbert, premises.
Architect—Hyman and Appleton, 68 Post Street.
Contractor—Miller and McGillis, 527 19th Avenue.

Contract Awarded
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. N Geneva W Delano.
Four one-story and basement frame and stucco residences.
Owner—Martin L. Cuthbert, 940 Geneva Avenue.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford Street.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. E Cayuga N Mt. Vernon.
Two one-story and basement frame and stucco residences.
Owner and Builder — Stoneson Bros., 1630 Ocean Avenue.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. N Mt. Vernon W Rome Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—Stoneson Bros., 1630 Ocean Avenue.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 625 Brunswick.
Alterations to residence.
Owner—Frank Schleger, 56 Alp St., Daly City.
Architect—Not Given.
Contractor—Jos. Ragni, 433 Bellevue, Daly City.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO. 2720 Filbert St.
Alterations to residence.
Owner—Miss Malloy, premises.
Architect—Not Given.
Contractor— Adams Bros., 2218 21st Avenue.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. Juanita and Fowler Streets.
One - story and basement frame and stucco residence.
Owner and Builder—Meyer Bros., 735 Portola Drive.
Plans by Owner.

Contract Awarded
RESIDENCE Cost, $5,000
SACRAMENTO, Sacramento Co., Cal. 1608 Markham Way.
One - story and basement frame and stucco residence.
Owner—Chas. O. Lee, 1833 50th St., Sacramento.
Architect—Not Given.
Contractor—Paul Opdyke, 2431 F St., Sacramento.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. N Prado E Scott.
One - story and basement frame and stucco residence.
Owner—T. S. Webb, 233 Cervantes Boulevard.
Architect — C. O. Clausen, 746 46th Avenue.
Contractor—H. E. Gray, 3730 Scott Street.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 2250 Carlton Street.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—J. Whalen, 461 Lee Street, Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
PALO ALTO, Santa Clara Co., Calif. 175 Dana Street.
Two-story frame and stucco residence.
Owner and Builder—C. H. Kemper, 125 Bryant St., Palo Alto.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 6126 Monadnock Way.
One - story and basement frame and stucco residence (6 rooms).
Owner—W. Uthoff, 1614 78th Ave., Oakland.
Architect—Not Given.
Contractor—O. L. Moen, 4201 E 16th St., Oakland.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. S Santa Rita 50 W Sotelo.
Two - story and basement frame and stucco residence.
Owner—Wm. H. Hoburg.
Architect—H. G. Stoner, West Portal and Portola Drive.
Contractor—J. Prout, 2530 Fillmore.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
BURLINGAME, San Mateo Co., Calif. Hillside Circle.
Two-story frame and stucco residence.
Owner and Builder—Gordon Hess, 1446 Burlingame Ave., Burlingame.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
SAN MATEO, San Mateo Co., Calif. 207 Castillian.
Two-story frame and stucco residence
Owner—J. Stewart.
Architect—Not Given.
Contractor—Geo. W. Williams Co., 315 Primrose, Burlingame.

Contract Awarded
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 726 Keeler Avenue.
Two-story frame and stucco residence (five rooms).
Owner—R. Vaughn.
Architect—Not Given.
Contractor—W. V. Bernard, 227 San Carlos, El Cerrito.

Contract Awarded
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two - story and basement frame and stucco residence (10 rooms and 4 baths) tile roof, oil burning heating system, hardwood floors, tile baths, etc.
Owner—Andrew Christ, Oakland.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—Harold L. Paige, 5651 Oak Grove, Oakland.

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E Almaden Court N Anza Street.
Two one-story and basement frame and stucco residences.
Owner and Builder — H. C. Hogrefe, 359 24th Avenue.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (7 rooms and 2 baths) shake roof, gas heating system, steel and wood sash, hardwood floors, etc.
Owner—Syndicate Idora, Ltd.
Architect—Chas. McCall, 1404 Franklin Street, Oakland.
Contractor—Albert Haskell, 255 Ridgeway, Berkeley.

Contract Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. 1800 Gough Street.
Alterations to residence.
Owner—George Oppen.
Architect—Gardner Dailey, 210 Post.
Contractor—Jacks & Irvine, 620 Market Street.

Plans Being Prepared.
RESIDENCE Cost, $——
SARATOGA, Santa Clara Co., Calif.
Alterations to residence and gate lodge.
Owner—Mr. Emick.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Contractor—Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.

Plans Being Figured — Bids Close February 25.
RESIDENCE Cost, $5000
SANTA ROSA, Sonoma Co., Cal.
Two-story frame and stucco residence (6 rooms) shingle roof, gas furnace, board and batton first floor, wood frame on second, oak floors, California stucco walls, etc. (early California type).
Owner—A. M. Call.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contract Awarded
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Calif. 1962 Baywood Drive.
Two - story and basement frame and stucco residence.
Owner—A. Zampa, 1821 Elm St., Alameda.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — E. Campomenosi, 6401 Broadway Terrace, Oakland.

Contract Awarded
ALTERATIONS Cost, $——
PALO ALTO, Santa Clara Co., Cal. Campus of Stanford University.
Alterations and additions to fraternity house.
Owner—Zeta Psi Fraternity.
Architect—John K. Branner, 210 Post Street, San Francisco.
Contractor—H. H. Dabinett, 959 Guinda St., Palo Alto.

15— SCHOOLS

NEW BIDS WANTED
SAN FRANCISCO—Until February 19, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for sanding east hallway of shop building at the Polytechnic High School, involving approximately 2100 square feet.
Further particulars may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th Street.

Preparing Working Drawings.
AUDITORIUM Cost, $30,000
PLACERVILLE, Eldorado Co., Calif.
One-story frame and stucco auditorium and two classroom addition to grammar school (70x100 feet) steam heating system, steel sash.
Owner — Placerville Grammar School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Bids will be asked in about thirty days.

BOND ELECTION
CHUALAR, Monterey Co., Cal.—Chualar Union School District will vote on March 2, on a proposal to issue bonds in the amount of $14,000, proceeds to finance construction of alterations and additions to school buildings in Chualar.
Trustees of the district are: Harry R. Johnson, Arnold M. Silacci, E. John Nielsen and B. R. Prewitt.

LOW BIDDER
LOS ANGELES, Cal.—P. P. Shelby, Room 200, 111 W. Seventh St., submitted low bid to the Los Angeles board of education, at $51,234, for reconstruction, strengthening and rehabilitation of the main brick building at Tenth Street school, 1000 Grattan Street. Edward C. Taylor, architect, and Ellis W. Taylor, 803 W Third St., structural engineer.

Sub-Contracts Awarded.
GYMNASIUM Cont. Price, $24,488
HILMAR, Merced Co., Calif.
One-story frame and stucco gymnasium.
Owner — Hilmar Union High School District (E. W. Wild, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—L. Ubels, Ripon.
Roofing—H. A. Hubbard, Turlock.
Plumbing—Hansen's Modesto.
Heating and Sheet Metal—Hansen's, Modesto.
Electric Wiring—Hansen's, Modesto.
Mill Work, Glass and Glazing—Electric Planing Mill, Stockton.
Lumber—Turlock Lumber Co., Hilmar
Flooring—McLean's, Stockton.
Reinforcing Steel—Kyle & Co., Stockton.
Construction started Feb. 2.

BIDS WANTED
KERN COUNTY, Cal.—Until Feb. 21, 8 P. M., bids will be received by Elk Hills School District, Tupman, Kern County, for the construction of four cottages. Plans and specifications may be obtained at the office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield, upon deposit of $10. Certified check or bond for 10% must accompany each bid. Earm McFarland, clerk.

CONTRACT AWARDED
VAN NUYS, Los Angeles Co., Cal.—E. C. Nesser, 4822 W. Jefferson St., Los Angeles, awarded contract by Los Angeles Board of Education at $89,357, for construction of a two-story classroom building at Van Nuys High School, 6535 Cedor St., Van Nuys. Allison & Allison, Architects, and Franklin N. Ropp, 1014 Edison Bldg., Los Angeles, Structural Engineer, and E. L. Ellingwood, H. W. Hellman Bldg., Los Angeles, Mechanical Engineer.

LOW BIDDER
EL SEGUNDO, Los Angeles Co., Cal.—Herbert M. Baruch Corp., 625 S. Olive St., Los Angeles, submitted low bid to El Segundo School District at $207,713 for construction of the elementary group of buildings at El Segundo, a PWA project. Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, architect.

LOW BIDDERS
PARKER, Ariz.—Admas & Macavin Phoenix, submitted low bid to Northern Yuma County Union High School District at $28,542 for the construction of an auditorium and classroom building in Parker. Roy Place, 11 E. Pennington St., Tucson, architect.

BIDS WANTED
SAN DIEGO COUNTY, Cal.—Until Feb. 24, 7 P. M., bids will be received by the Grossmont Union High School District at Grossmont high school, San Diego county, for the construction of a reinforced conc. manual arts building and a combination auditorium and gymnasium building, a PWA project. Frank L. Hope, Jr., Commonwealth Bldg., San Diego, architect. Cost, $100,000.

LOW BIDDER
BREA, Orange Co., Cal.—Blystone & Van Tuyle, Brea, submitted low bid to the Brea Elementary School District at $96,900, for reconnstruction, rehabilitation and strengthening the main building at Brea grammar school. T. C. Kistner, 814 Architects' Bldg., Los Angeles, architect.

Contract Awarded

RESIDENCE Cont. Price, $5,305
RICHMOND, Contra Costa Co., Calif.
One- and two-story frame and stucco residence (shake roof, gas heating, wood sash, tile baths, etc.)
Owner—M. Sobrero, 4 4 4 McLaughlin Richmond.
Architect—Earl McDonald, 2812 Broadway way, Oakland.
Contractor—N. E. Anderson, 3000 Barrett St., Richmond.

LOW BIDDER

EL SEGUNDO, Los Angeles Co., Cal.—Herbert M. Baruch, 625 South Olive St., Los Angeles, submitted low bid to El Segundo High School District and awarded contract at $47,325 (subject to PWA approval) for reconstructing the gymnasium building at El Segundo high school. Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, architect.

LOW BIDDER

GLENDALE, Los Angeles Co., Cal.—Whittaker & Snook, 40 S. Los Robles Ave., Pasadena, submitted low bid to Glendale board of education at $311,000 for construction of the new reinforced conc. junior college plant at 1500 N. Verdugo Road, Glendale. Geo. M. Lindsey, 6305 Yucca Street, Hollywood, architect.

LOW BIDDER

WILMINGTON, Los Angeles Co., Calif.—Atlas Const. Co., 39 Congress St., Pasadena, at $62,500 submitted low bid to Los Angeles Board of Education for construction of two-story boys' and girls' gymnasium to be erected at the Phineas Banning high school, 1500 Avalon Blvd., Wilmington.

Plans prepared by Architect Edgar H. Cline, 543 N Wilcox Ave., Los Angeles, architect, and Ralph A. DeLine, 1144 South Grand Ave., Los Angeles, structural engineer.

CONTRACT AWARDED

LOS ANGELES, Cal.—H. B. Nicholson, 433 E. First St., Long Beach, awarded contract by the Los Angeles board of education at $61,990 for reconstruction, strengthening and rehabilitation of the auditorium and boiler room (including the arcade to the liberal arts building) at George Washington high school, 10,860 S. Denker Ave. Eugene Weston, Jr., 502 Architects' Bldg., architect, and Oliver G. Bowen, 1144 S. Grand Ave., structural engineer.

BIDS WANTED

LOMITA, Los Angeles Co., Cal.—Until March 6, 2 P. M., bids will be received by Los Angeles Board of Education Purchasing Division, 1425 S. San Pedro St., Los Angeles, for a two-story classroom building and a one-story, boys' physical education building to be erected at Nathaniel Narbonne High School, 25,423 Redondo-Wilmington Road, Lomita. Cost, $10,000. Albert C. Martin, Architect; Norman Patten, 233 Higgins Bldg., Los Angeles, Structural Engineer, and C. A. Sanborn & Co. 357 S. Hill St., Los Angeles, Mechanical Engineers.

CONTRACT AWARDED

LOMPOC, Santa Barbara Co., Cal.—Wigg Constr. Co., Box 55, Solvang, tentatively awarded contract by Lompoc Union School District, at $32,750, for construction of an auditorium and classroom addition to the Lompoc grammar school, a PWA project. The addition will contain an auditorium and two classrooms; wood frame and stucco construction, tile roofing, gas furnace heat, etc. E. Keith Lockard, architect, 117 E. De la Guerra St., Santa Barbara. But two bids were submitted, the normal amount in each case being: Wigg Constr. Co., $33,414; Ray J. Daum, $33,531.

LOW BIDDER

LAGUNA BEACH, Orange Co., Cal.—Means, Ball & Honer, 103 E Third St., Santa Ana, submitted low bid to Laguna Beach High School District at $97,566, for two-story gymnasium building and a one-story annex classroom building to be erected at Laguna Beach high school, corner of Park Ave. and Manzanita Street, Laguna Beach. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects

CONTRACT AWARDED

LONG BEACH, Cal.—Myers Bros., 3407 San Fernando Road, Los Angeles, were awarded general contract by Long Beach board of education at $80,528 for construction of the administration building with boiler room and field work at the Chas. A. Lindbergh junior high school. Francis H. Gentry, structural engineer, Jergins Trust Bldg., Long Beach, and D. E. Herrald, 731 Pine Ave., Long Beach, architect.

LOW BIDDER

LONG BEACH, Cal.—H. B. Nicholson, 443 E First St., Long Beach, submitted low bid to Los Angeles board of education at $61,990, for reconstruction, rehabilitation and strengthening of the auditorium and boiler room (including arcade to liberal arts building) at George Washington high school, 10,860 S. Denker Ave. Eugene Weston, Jr., 502 Architects' Building, architect, and Oliver G. Bowen, 1144 S Grand Ave., structural engineer.

LOW BIDDER

WHITTIER, Los Angeles Co., Cal—W. Roy Ware, 720 S. Painter Ave., Whittier, submitted low bid to Whittier Union High School District at $48,500 for reconstructing the cafeteria building at Whittier high school, a PWA project. R. L. Warren, 119 Emporium Bldg., Whittier, architect.

LOW BIDDER

LOS ANGELES, Cal.—Harold Hansen, 1185 N. Flores St., submitted the low bid to Los Angeles board of education at $75,867, for two-story reinforced concrete physical education building to be erected at Horace Mann junior high school, 7001 S. St. Andrews Place. Douglas McLlellan and Allen McGil, 907 Architects' Bldg. architect, and S. B. Barnes, 803 W. Third St., structural engineer; R. E. Phillips, 603 Architects' Bldg., mechanical engineer.

CONTRACTS AWARDED

LOS ANGELES, Cal.—Los Angeles board of education awarded contracts for school painting work as follows: Building No. 1 at Virginia Rd. school, 2925 Virginia Road, and main building at Bell high school, 4328 Bell Ave., Bell (painting & miscellaneous Work), to Patterson Bros., Merchants' Exchange Bldg., Oakland, at $1248, and $4480, respectively; shop building at Phineas Banning high school, 1500 Avalon Blvd., Wilmington, to Farkas & Rasmussen, at $184.20; shop buildings Nos. 2 and 3 at John C. Fremont high school, 7676 S. San Pedro St., to David Wein, 1709 Orchard Ave., at $50.00.

CONTRACT AWARDED

LOS ANGELES, Cal.—Atlas Const. Co., 39 Congress St., Pasadena, was awarded contract by the Los Angeles board of education at $45,000 for reconstruction, strengthening and rehabilitation of the main building at 39th Street school, corner of 39th St. and Fifth Ave. Chas. M. Hutchison, 1132 Central Bldg., architect, and Wm. Mellema, 166½ Beverly Blvd., structural engineer.

LOW BIDDER

WILMINGTON, Los Angeles Co., Calif.—Atlas Const. Co., 39 Congress St., Pasadena, submitted low bid to Los Angeles board of education at $62,500 for two-story boys' and girls' gymnasium to be erected at Phineas Banning high school, 1500 Avalon Blvd., Wilmington. Edgar H. Cline, 543 N. Wilcox Ave., Los Angeles, architect, and Ralph A. DeLine, 1144 S. Grand Ave., Los Angeles, structural engineer.

LOW BIDDER

ALHAMBRA, Los Angeles Co., Cal.—Steed Bros., 5 S. Stoneman Avenue, Alhambra, submitted low general contract bid to Alhambra Board of Education at $168,250, for construction of a new reinforced concrete classroom and auditorium building, library and cafeteria on the Ramona School site in Alhambra, a PWA project. John Walker Smart, 39 E. Main St., Alhambra, Architect, and Murray Erick, 811 D. 7th St., Los Angeles, Structural Engineer.

LOW BIDDER

LONG BEACH, Cal.—W. E. Allen, 745 W 14th, Long Beach, submitted low bid to Cypress School District and will probably be awarded a contract, at approximately $66,000, for the construction of a new school bldg. west of Anaheim, a PWA project. W. H. Austin and H. C. Wildman, Spurgeon Bldg., Santa Ana, architects.

Bid Opening Date Postponed Until February 21, 5 P. M.

SCHOOL Cost, $22,000
TRUCKEE, Navada Co., Calif.
One - story frame and stucco elementary school (3 classrooms and auditorium).
Owner—Truckee School District.
Architect—Masten & Hurd, 233 Post Street, San Francisco.

The date of opening bids was previously set for February 14, 5 P. M.

Plans and specifications may be obtained from the architects upon deposit of $25.00.

On previous bid opening only bid was submitted by William Martin, 666 Mission St., San Francisco, at $44,000.

Plans Completed

MUSIC BLDG. Cost, $35,000
SANTA ROSA, Sonoma Co., Calif.
Reinforced concrete music building at high school.
Owner—Santa Rosa Un. High School District.
Architect—W. H. Weeks, 593 Market St., San Francisco.

Application filed with the WPA to furnish funds.

Plans Being Prepared

MUSIC BLDG. Cost, $10,000
TURLOCK, Stanislaus Co., Calif.
One - story frame and stucco music building.
Owner—Turlock Union High School District.
Architect—G. N. Hilburn, 1213 I St., Modesto.

CONTRACT AWARDED

SAN FRANCISCO—Regal Floor Co., 450 Spear St., at $23 awarded contract by Department of Public Works for sanding and refinishing hardwood floors in the principal's and outer office and lunch room at the Guadalupe School, Cordova and Sprague Streets.

CONTRACT AWARDED

SAN FRANCISCO—Ace & Square Deal Floor Co., at $20 awarded contract by Department of Public Works

for sanding and refinishing floors in principal's and outer offices, involving approximately 300 sq. ft., at the Edward Robeson Taylor School, Burrows and Somerset Streets.

Bids Opened
SCHOOL Cost, $23,636
KNIGHTSEN, Contra Costa Co., Cal.
One - story frame and stucco elementary school (4 classrooms).
Owner—Knightsen Elementary School District.
Architect—James Narbett, 466 31st St. Richmond.
Low Bidder — John E. Branagh, 116 Monticello Ave., Piedmont.
Complete bids follow:
John E. Branagh, Piedmont.....$21,590
Carl Overaa, Richmond..... 22,345
Sam. Eyre, Tracy..... 24,693
David Nordstrom, Oakland..... 24,998
Recommendation made to the PWA that the contract be awarded to John E. Branagh, Piedmont, at $21,727, accepting an alternate.

Preparing Working Drawings.
SCIENCE AND LAB. BLDG. $15,000
ELK GROVE, Sacramento Co., Calif.
One-story science and laboratory building (concrete foundations, frame and stucco structure).
Owner—Elk Grove Grammar School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.

New Bids Wanted — To Close Feb. 24, 7:30 P. M.
GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $25.
On previous bid opening lowest bid was submitted by C. L. Wold, San Francisco, at $79,855 on the general work; United Electric Co., San Francisco, low on electrical at $1261 and M. J. Reeves Heating Co., San Francisco, low on mechanical work at $11,136.

Contract Awarded
ASSEMBLY Contract Price, $33,605
OAKLAND, Alameda Co., Cal. Brann and Morton Streets.
One-story frame and stucco assembly Sherman School (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Oakland Board of Education.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland.
Complete bids published Feb. 5.

Contract Awarded
ASSEMBLY Cont. Price, $29,388
OAKLAND, Alameda Co., Calif. Chabot Road and Patton Street.
One-story frame and stucco assembly at Chabot School (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Oakland Board of Education.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.
Complete bids published Feb. 5.

LOW BIDDER
LOS ANGELES, Cal.—G. M. Easton 4822 W. Jefferson Blvd., submitted low bid to Los Angeles board of education at $74,800, for two-story boys' and girls' reinforced concrete physical education building to be erected at Mount Vernon junior high school, 4066 W. 17th St. John C. Austin and F. M. Ashley, architects, and G. H. Schulte, 608 Chamber of Commerce Bldg., structural engineer, and O. W. Ott, Washington Building, mechanical engineer.

LOW BIDDER
PALOS VERDES, Imperial Co., Cal. —Duff & Vandenhoogen, 733 W 14th St., Long Beach, submitted low bid to Palos Verdes School District at $45,355 for the construction of a two-story reinforced concrete addition to an exising classroom building at Malaga Cove school, 385 Via Almar, Palos Verdes Estates. Allison & Allison 1014 Edison Bldg., Los Angeles, architects.

Additional Sub-Contracts Awarded
IMP. SCHOOL Cont. Price, $61,493
CROCKETT, Contra Costa Co., Calif.
Reconstruct west wing of the grammar school.
Owner—Carquinez Grammar School District.
Structural Engineer—Dewell and Earl, 55 New Montgomery Street, San Francisco.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—C. L. Wold Const. Co., 4412 Fulton St., San Francisco.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Electric—Strom & Smith, 1077 Valencia St., San Francisco.
As previously reported, structural steel and miscellaneous iron awarded to Independent Iron Works, 921 Pine St., Oakland.

Plans Being Prepared
ADDITION Cost, $40,000
BERKELEY, Alameda Co. Cal. Claremont Avenue bet. Ashby Avenue and Webster Street.
South wing and auditorium at John Muir School.
Owner—Berkeley School District.
Engineer—Thomas Chace, 605 Market St., San Francisco, and Berkeley Board of Education, Berkeley.

BOND ELECTION
CARSON CITY, Nev.—Carson City School District will vote February 15 on a proposal to issue additional bonds in the amount of $20,000, proceds to finance construction of the high school at Carson City. A bond issue of $61,000 was authorized some months ago and additional funds are needed. PWA grant of $24,000 has been approved.

Bids Opened
MACHINE SHOP Total Cost, $219,584
SAN FRANCISCO. Geary Blvd., Balboa, 30th and 32nd Avenues.
Three - story reinforced concrete machine shop bldg. at Geo. Washington School (steel sash).
Owner—City and County of San Francisco.
Architect—Miller & Pflueger, 580 Market Street.
Low Bidder—Meyer Const. Co., 735 Portola Drive.
Complete bids follow:
Meyer Const. Co.....$120,987
O. Monson 123,440
K. E. Parker Company..... 132,490
P. F. Reilly..... 134,500
A. Nelson, Inc..... 136,457
Electrical contract awarded to Lynn & Heffernan, 114 Ashton Avenue, at $8,940, and mechanical equipment to Anderson & Rowe, 45 Belcher Street, at $26,988.

Contract Awarded.
SCHOOL. Cont. Price, $34,344
LOS BANOS, Merced Co., Calif.
One - story reinforced concrete elementary school.
Owner—Los Banos Elementary School District.
Architect—E. J. Kump, Rowell Bldg., Fresno.
Contractor—M. B. Folsom, 914 22nd St., Merced.
Complete bids published Dec. 17.

Contract Awarded.
HIGH SCHOOL Cont. Price, $89,642
GUSTINE, Merced Co., Calif.
One-story frame & stucco high school (steel truss in auditorium) four classrooms, auditorium to seat 500 and cafeteria.
Owner — Gustine Union High School District.
Architect—W. G. Corlett and E. A. Russ, 1801 Bank of America Bldg., Oakland.
Contractor — Carl N. Swenson, 355 Stockton Ave., San Jose.

MILL CONTRACT AWARDED
HAYWARD, Alameda Co., Cal.—Hayward Mill & Lumber Co., Hayward, at $5985 awarded contract by Hayward School District for furnishing finish millwork to be used in the reconstruction of the new John Muir School located at Orchard Ave. and Soto Road, Hayward.
Complete bids follow:
Hayward Mill & Lumber Co.....$5985
Sunset Lumber Co., Oakland..... 6054
Quist Bros., Oakland..... 6200
Stowe-Lima Lbr. Co., Hayward.. 6520

BIDS WANTED
FULLERTON, Orange Co., Calif.—Until Feb. 26, 7:30 P. M., bids will be received by the Fullerton Elementary School District for reconstruction, rehabilitation and strengthening of the Chapman School, Fullerton, a PWA project. Cost, $45,000. C. Deuel, 405 Douglas Bldg., Los Angeles, structural engineer. Myron Hunt and H. C. Chambers, 1216 Continental Bldg., Los Angeles, consulting architects.

Plans Complete
SCHOOL Cost, $15,000
UKIAH, Mendocino Co., Calif.
One-story frame and rustic grammar school.
Owner—Ukiah Grammar School Dist.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Application filed with the WPA.

Plans Complete
SCHOOL Cost, $15,000
LAYTONVILLE, Mendocino Co., Cal.
One-story frame and rustic school.
Owner—Layton ville Grammar School District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Application filed with the WPA.

Plans Complete
SCHOOL Cost, $15,000
MENDOCINO CITY, Mendocino Co.
One-story frame and rustic grammar school.
Owner—Mendocino City Grammar School District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Application filed with the WPA.

Preparing Working Drawings.
TOILET BLDG. Cost. $4000
PAJARO, Monterey Co., Cal.
One-story frame toilet building at grammar school.
Owner—Pajaro Grammar School Dist.
Architect—Chas. Butner, 51 Maple St. Salinas.

Planned
SCHOOL Cost, $10,000
ALTAVILLE, Calaveras Co., Calif.
New school building.
Owner—Altaville School District.
Architect—Not Given.
Application will be filed with WPA to furnish portions of funds.

Contract Awarded
SCHOOL Cont. Price, $57,300
MORRO, San Luis Obispo Co., Calif.
One-story school building (six classrooms, auditorium) tile roof ,gas furnaces, slate blackboards, maple floors, etc.
Owner—Morro Union School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—F. C. Stolte, San Simeon.

Project Abandoned
GYMNASIUM Cost, $20,000
SANTA CRUZ, Santa Cruz Co., Cal. Branciforte School.
One - story frame and stucco gymnasium (structural steel frame and trusses, conc. footings, stud walls, wood sash, maple floors, composition roofing, etc.)
Owner—Santa Cruz Jr. High School District.
Architect—John J. Donovan, 950 Parker Street, Berkeley.

BIDS WANTED
PITTSBURG, Contra Costa Co., Cal. —Until February 25, 8 P. M., bids will be received by Pittsburg School District, High School Bldg., Pittsburg, for:
(1) structural steel;
(2) cement
(3) sand and gravel for concrete;
(4) lumber.
Specifications may be obtained from R. H. Cooley, structural engineer, 354 Hobart St., Oakland.
Labor is being furnished by WPA.

Project Abandoned
GYMNASIUM Cost, $20,000
SANTA CRUZ, Santa Cruz Co., Calif. Mission Hill School.
One - story frame and stucco gymnasium (structural steel frame and trusses, conc. footings, stud walls, wood sash, maple floors, composition roofing, etc.)
Owner—Santa Cruz Jr. High School District.
Architect—John J. Donovan, 950 Parker St., Berkeley.

Contract Awarded
SCHOOL Cont. Price, $30,455
CAYUCOS, San Luis Obispo Co., Cal.
One-story frame school building (two classrooms, auditorium and administration quarters; steam heat; ornamental iron, etc.)
Owner—Cayucos School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—Theo. M. Maino, 1424 Mill St., San Luis Obispo.

Contract Awarded
SCHOOL Contract Price, $51,300
CAMBRIA, San Luis Obispo Co., Cal.
One-story frame school building (4 classrooms, auditorium, and administration quarters) asbestos shingle roof, steam heat, ornamental iron, metal lath, etc.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—F. C. Stolte, San Simeon.

Sub-Contracts Awarded
JUNIOR COLLEGE
Contract Price, $74,000
REEDLEY, Fresno Co., Calif.
New Junior College.
Owner—Reedley Joint Union High School District.
Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.
Contractor—Fisher and McNulty, Cory Bldg., Fresno.
Roofing—C. E. McMann Co., Reedley.
Plumbing—Frank Hudson, Fresno.
Heating—Frank Hudson, Fresno.
Sheet Metal—Barrett-Hicks Company, Fresno.
Glass—W. P. Fuller & Co., Fresno.
Iron Grille Work—Kyle & Co., Fresno.
Lathing and Plastering—M. E. Summers, Fresno.
Lumber—Western Lumber Company.
Mill Work and Wood Sash—Fresno Planing Mill Co., Fresno.
Hardware—Valley Lumber Company, Fresno.
Painting—Schutz Paint & Wall Paper Co., Fresno.
Concrete—M. Madsen & Sons, Fresno
Metal Toilet Partitions — Healey and Popovich, Fresno.
Steel Lockers—Healey & Popovich.
Brick Work—Paul Kindler, Fresno.
Tank Strips—Rucker Fuller Co., San Francisco.
Aluminum Work—Kyle and Company, Fresno.
As previously reported, mechanical work awarded to Frank Hudson, 45 Manor Drive, San Francisco, $13,038; electric to American Electric Const. Co., 462 Bryant St., San Francisco. $5521.

Bids Opened
SHOPS Cost, $35,000
SACRAMENTO, Sacramento Co., Cal. West Freeport Blvd. bet. Bidwell Way and Sixth Avenue.
Shops and senior high school building (first unit).
Owner—Sacramento School District.
Architect—Starks and Flanders, Bank of America Bldg., Sacramento.
Low Bidder—Petersen and Steinbrenner, 1116 O St., Sacramento, $48,789.
Complete bids follow:
(1) concrete per cubic yard;
(2) excavation per cubic yard.

Petersen and Steinbrenner, Sacramento		$48,789.00
	(1)	17.50
	(2)	1.00
Holdener Const. Co., Sacramento		$48,886.00
	(1)	16.00
	(2)	1.50
Campbell Const. Co., Sacramento		$49,196.00
	(1)	20.00
	(2)	1.25
Azevedo Const. Co., Sacto.		$49,900.00
	(1)	23.00
	(2)	4.00
Lindgren & Swinerton, Sacramento		$51,960.00
	(1)	18.00
	(2)	1.50
H. W. Robertson, Sacto.		$53,751.00
	(1)	22.00
	(2)	1.00
Chas. S. Unger, Sacto.		$54,540.00
	(1)	24.00
	(2)	1.25

Seeks To Withdraw Bid
GYMNASIUM Cont. Price, $58,626
AUBURN, Placer Co., Calif.
One-story steel-concrete gymiasium.
Owner—Placer Union High School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
J. C. Meyers, Rte. 1, Box 439, Stockton, has made a request to the PWA that he be allowed to withdraw his bid due to an error. Application has been sent to Washington for approval.

BIDS WANTED
SANTA MARIA, Santa Barbara Co. Cal.—Until Feb. 21, 5 P. M. (opening date postponed from Feb. 12) bids will be received by the Santa Maria Union High School District for the construction of a junior college building, consisting of a first unit and a science wing, in Santa Maria, a PWA project. No bids were received on February 3. Plans and specifications may be obtained from Architect E. K. Lockard 117 E. De la Guerra St., Santa Barbara, upon deposit of $10. Certified or cashier's check or bond for 5% must accompany each bid. Cost of the structure is estimated at $50,000. The building will be a wood frame and stucco structure with tile or composition roofing, unit heat, etc.

Preparing Working Drawings.
CAFETERIA Cost, $15,000
ELK GROVE, Sacramento Co., Calif.
One-story cafeteria (concrete foundations, frame and stucco structure)
Owner—Elk Grove Grammar School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento,

16—BANKS, STORES AND OFFICES

Plans Being Prepared
BANK Cost, $20,000
COLUSA, Colusa Co., Cal. Sixth and Market Streets.
One-story steel and concrete bank.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Dept. of Owner
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

CONTRACT AWARDED
LONG BEACH, Cal.—W. J. Burgin, 1100 Redondo Ave., Long Beach, will make repairs to a 12-story bank and office building at the corner of American Ave. and Broadway, Long Beach for Bailey-Patillo Finance Co. W. H. Austin, 532 Chestnut Avenue, Long Beach, architect. Cost, $100,000.

CONTRACT AWARDED
SANTA BARBARA, Cal.—Andrew C. Jensen, 220 E. Figueroa St., Santa Barbara, awarded contract for remodeling building at 1209 State St., Santa Barbara, for W. P. Fuller & Co. Cost, $11,000. Soule & Murphy, 116 E. Sola St., Santa Barbara.

CONTRACT AWARDED
SANTA BARBARA, Calif.—Alex D'Alfonso, P. O. Box 120, Santa Barbara, awarded contract for erection of a cocktail lounge and a dress shop at 1332 State St., Santa Barbara, for Pete Beronio. Cost $7,500.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 1615 Haight St.
Alterations to store.
Owner—J. A. Carew.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market Street.

Contract Awarded
OFFICE Cost, $8,000
FRESNO, Fresno Co., Cal. 2498 Railroad Avenue.
One - story frame and stucco office building.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Taylor-Wheeler Co., Inc., Power Bldg., Fresno.

Low Bidders
OFFICE BLDG. Cost, $822,000
OLYMPIA, Washington.
Class A fireproofing state office building (reinforced concrete floors and bearing walls, clay tile and metal partitions, granite base, steam heating system from central plant
Owner—State of Washington.
Architect—Joseph Wohleb, Olympia.
Low Bidder—Sheble Construction Co., 2019 Third St., Seattle, $562,970.
Plumbing and Heating—General Installation Co., Olympia, $73,400.
Electric—Stewart Electrical Con. Co., 2400 First St., So. Seattle, $30,559.
Bids held under advisement.

PLANNED

SAN FRANCISCO.—Western Furniture Exchange, 180 New Montgomery Street, is considering either altering their present building at 180 New Montgomery Street or constructing a new building in a new location.

Frank K. Runyan is vice-president of the Furniture Exchange.

Further details will be announced at a later date.

Contract Awarded

ALTERATIONS Cost, $1800
SANTA CRUZ, Santa Cruz Co., Calif. Pacific Avenue and Elm Street.
Alterations to store building (new interior fixtures, etc.)
Owner—Safeway Stores, Oakland.
Plans by Engineering Dept. of Owner
Contractor—Darrow Palmer, Santa Cruz.

Planned.

STORE Cost, $——
GRASS VALLEY, Nevada Co., Calif. Mill and Auburn Streets.
Alterations and additions to store building.
Owner—J. C. Penny Co., 5410 Wilshire Blvd., Los Angeles.
Plans by Engineering Dept. of Owner.

CONTRACT AWARDED

SAN FRANCISCO — D. N. & E. Walter Co., 562 Mission St., at $54.20 awarded contract by Department of Public Works for furnishing and installing approximately 21 yards of 8-thread monks cloth dyed to harmonize with wood work in the ante room of the Mayor's Office, City Hall.

Contract Awarded

ALTERATIONS Cost, $3,000
SAN FRANCISCO. 300 Page Street.
Alterations to sisterhood building.
Owner—Emanuel Sisterhood, premises
Architect — Miss Julia Morgan, Merchants Exchange Bldg.
Contractor—Barrett & Hilp, 918 Harrison Street.

BONDS DEFEATED

CARNAROS, Monterey Co., Cal.—Carnaros School District defeated bond issue in the amount of $3000 February 10. Proceeds were to have financed construction of a one-story frame and stucco school building.

Preliminary plans prepared by Architect Chas. Butner, 51 Maple Street, Salinas.

Low Bidder.

TELEPHONE BUILDING
Cost, $20.000 includ. equipment
ST. HELENA, Napa Co., Calif.
One-story frame and stucco telephone exchange building.
Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Low Bidder — Harry Thorsen, St. Helena.

Low Bidder.

OFFICE Cost, $——
AVENAL, Kings Co., Calif.
One-story frame and stucco community dial office (17x21 feet).
Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery Street, San Francisco.
Plans by Engineering Dept. of Owner.
Low Bidder—R. H. Haughan, Avenal.

Low Bidder.

STORE Cost, $10,000
OAKLAND, Alameda Co., Cal. Lakeshore Blvd. near Trestle Glen.
One-story steel and brick store building (3 stores) tar and gravel roof, steel sash, tile front, etc
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Frank Stead, 3206 Boise St., Berkeley.

As previously reported structural steel contract awarded to Herrick Iron Works, 18th and Campbell Sts., Oakland.

Contract Awarded

ALTERATIONS Cost, $6,000
SAN FRANCISCO. 455 Post Street.
Alterations to store building.
Owner—Schneider Bros., Inc.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park Street.

Bids Opened

OFFICE BLDG. Cost, $600,000
SACRAMENTO, Sacramento Co., Cal. N Street between 11th and 12th.
Four - story reinforced concrete office building (to house motor vehicle department offices) steam heating system, air conditioning, steel sash one freight elevator, three passenger elevators and two electric dumbwaiters).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Low bids follow:

General Work—Barrett and Hilp, 918 Harrison St., San Francisco, $345-983.

Plumbing—M. R. Carpenter, 907 Front St., Sacramento, $21,270.

Heating and Ventilating—Luppen and Hawley, Inc., 3126 J St., Sacramento, $78,322.

Electric—Coast Electric Co., 2350 Cedar Ave., Long Beach, $31,572.

Elevator and Dumbwaiters—Otis Elevator Co., 1 Beach Street, San Francisco, $45,835.

Complete bids follow:

General Work

Barrett & Hilp, S. F.	$345,983
Los Angeles Contr. Co. and C. G. Wopschall, Los Angeles	364,800
Campbell Const. Co., Sacramento	366,852
K. E. Parker Co., S. F.	368,568
Dinwiddie Const. Co., S. F.	369,700

Plumbing

M. R. Carpenter, Sacramento	$21,270
Hately & Hately, Sacramento	23,362
Jas. A. Nelson, Inc., S. F.	24,543
Luppen & Hawley, Sacramento	25,327
F. W. Snook, S. F.	26,000
Anderson & Rowe, S. F.	27,000
Herman Lawson Co., S. F.	29,300
Alta Elec. & Mechanical Co., San Francisco	29,850

Heating and Ventilating

Luppen & Hawley, Sacramento	$78,322
M. R. Carpenter, Sacramento	79,936
Alta Electric & Mechanical Co. San Francisco	89,850
Anderson & Rowe, S. F.	89,985
Hately & Hately, Sacramento	88,826
Jas. A. Nelson, Inc., S. F.	91,900
Herman Lawson Co., S. F.	95,500

Electrical Work

Coast Electric Co., Long Beach	$31,572
H. S. Tittle Co., S. F.	33,450
Reliable Elevator Works, Sacramento	33,996
Abbett Elec. Co., S. F.	34,140
Alta Electric & Mechanical Co. San Francisco	34,460
Central Electric Co., S. F.	34,650
Luppen & Hawley, Sacramento	35,641
Geo. C. Foss, Sacramento	37,777

Elevators and Dumbwaiters

(1) deduct for omitting one elevator.

Otis Elevator Co., S. F.	$45,835	
	(1)	15,642
Pacific Elevator & Equipment Co., San Francisco	$52,213	
	(1)	15,424
Westinghouse Elevator Co., San Francisco	$55,401	
	(1)	18,930

Bids held under advisement.

Preparing Working Drawings.

ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Cal. No. 2048 Center Street.
Alterations and additions to front of Class C newspaper building.
Owner—Berkeley Gazette.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Planned

STORE Cost, $20,000
MARYSVILLE, Yuba Co., Cal. Third and D Streets.
One-story store building.
Owner—H. Cheim, Marysville.
Architect—Not Given.

To Be Done By Day's Work

ALTERATIONS Cost, $3,000
SAN FRANCISCO. 32 Clay Street.
Alterations to loft building.
Owner—Zellerbach-Levison Company, 465 California Street.
Plans by Engineering Dept. of Owner.

Contract Awarded

ALTERATIONS Cost, $10,000
FRESNO, Fresno Co., Calif. Fulton and Merced Streets.
Alterations to store bldg. (new carpets, linoleum, partitions, etc.)
Owner—Ross Bros., Fresno (A. W. Cerkel, Store Mgr.)
Architect—Not Given.
Contractor—Fisher & McNulty, Cory Bldg., Fresno.

Planned

STORE Cost, $30,000
VISALIA, Tulare Co., Calif. Main & Encina Streets.
Furniture store.
Owner—J. Cooper, Visalia.
Architect—Not Selected.

Further details will be announced shortly.

Carpentry Contract Awarded

ALTERATIONS Cost, $——
STOCKTON, San Joaquin Co., Cal. 24 North Sutter Street.
Alterations for branch and office bldg.
Owner—American Trust Co., 464 California St., San Francisco.
Plans by Engineering Dept. of Owner.
Supt. of Const.—A. H. Herrmann, 464 California St., San Francisco.
Carpentry—Lewis & Green, P. O. Box 121, Stockton.

Contract Awarded

STORE Cost, $10,000
PITTSBURG, Contra Costa Co., Calif.
One-story brick store building (composition roofing, wood floors, etc.)
Owner—Post Dispatch, Pittsburg.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—Horace J. Siino, 710 Black Diamond St., Pittsburg.

It was previously reported that contract was awarded to Herbert Waltz, Sonora, which was in error.

To Be Done By Day's Work

STORE Cost, $10,000
NAPA, Napa County Calif. Main and Brown Streets.
One-story hollow tile and reinforced concrete store building.
Owner—Theodore Bernhard, 815 Wilson St., Napa.
Architect—Leroy Hunt, 989 2nd St., Napa.

Work is being done by day's labor under supervision of the owner.

Contract Awarded

ALTERATIONS Cost, $2,000
SAN FRANCISCO. S Jefferson 100 E Taylor.
Alterations to store building.
Owner—George Hanson.
Architect—S. Heiman, 605 Market St.
Contractor—Jacks & Irvine, 620 Market Street.

To Be Done By Day's Work

ALTERATIONS Cost, $70,000
SAN FRANCISCO. Seventh and Daggett Streets.

Alterations and additions to building for offices, etc.(steel frame, concrete floors, new elevator, steel sash, toilet facilities, transite siding on exterior, etc.)
Owner—Glidden Paint Co., 1300 7th St.
Engineer—T. Ronneberg, Crocker Building.
Supt. of Const.—E. L. Ralston, Californian Hotel.

17— THEATRES

Preparing Preliminary Plans
ALTERATIONS Cost, $——
DALY CITY, San Mateo Co., Calif.
Alterations to theatre.
Owner—Golden State Theatre and Realty Co., 25 Taylor Street, San Francisco.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.

Plans Being Completed.
REBUILD THEATRE Cost, $——
MODESTO, Stanislaus Co., Calif.
Rebuild theatre (recently destroyed by fire).
Owner—Modesto Theatre (W. R. Messinger, McHenry St., Modesto).
Architect — Russell G. deLappe, 5905 Keith St., Berkeley.
Bids will be asked in about two weeks.

Preparing Working Drawings.
THEATRE Cost, $60,000
SAN FRANCISCO. Twenty-fourth and Noe Streets.
One-story and balcony steel frame and reinforced concrete theatre building (to seat 1000).
Owner—Golden State Theatre & Realty Co., 25 Taylor Street.
Architect—Mark Jorgensen, 321 Bush Street.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

PLANS PREPARED
YUMA, Ariz.—Architect C. A. Balch, 1914 S. Vermont Ave., Los Angeles, has prepared plans for remodeling a theater in Yuma for the Fox West Coast Theaters Corp., 1609 W. Washington Blvd., Los Angeles. The owners are taking bids for the work, which will consist of the installation of a new composition roof, interior alterations and improvements to the heating system.

18— WHARVES & DOCKS

CONTRACT AWARDED
SAN DIEGO, Cal.—Chas. and F. W. Steffgen, 2015 Bay Front Street, San Diego, at $1,494 awarded contract by the Navy Department, Washington, D. C., under Spec. No. 8158, for driving foundation piles at the Naval Operating Base (Marine Corps Base) San Diego.

Plans Being Figured — Bids Close March 2, 4 P. M.
DOCK AND SHED Cost, $50,909
STOCKTON, San Joaquin Co., Calif. Stockton Waterfront.
Local freight and barge transshipment dock and transit shed extension to water system, drainage, railroad and road system. Heavy mill construction, corrugated iron covering, composition roofing, concrete floors, etc.
Owner—Stockton Port Commission.
Plans by Engineering Dept. of Owner.

19—MISC. CONSTRUCTION

Bid Opening Date Postponed Until February 21.
GRANDSTAND Cost, $110,000
PULLMAN, Washington. State College Campus.
Grandstand (105x390 ft.) struc. steel roof, frame exterior, built-up roofing, fir flooring, etc.; seating capacity of 2800).
Owner—State of Washington.
Architect—Stanley A. Smith, Pullman
Plans and specifications may be obtained from the architect upon deposit of $20.00.

BIDS OPENED
LINCOLN COUNTY, Nev. — E. C. Nickel, 912 Micheltorena St., Los Angeles, submitted the low bid to the Lincoln County Power District No. 1, Pioche, Nev., Feb. 5, at $80,202.50 for the construction of 155 miles of high tension power transmission line, near Pioche, Nev., and for the labor wood pole H-frame type construction, to connect substation near Boulder Dam, Nev., with Prince Substation, and for the materials required for the construction of 54 miles more or less of single wood pole type feeder lines in Lincoln County, Nev., in accordance with specifications prepared by Clarence R. Hagen, Pioche district engineer, and Elwood Bachman, Salt Lake City, Utah, technical consultant.
The Aluminum Corp. of America submitted the lowest bid for furnishing aluminum conductor, at $241,885, which was approximately $36,000 below the bids of the Anaconda Wire & Cable Co., Phelps-Dodge Corp., and General Cable Corp. on copper conductor. The Aluminum Corp. agreed to accept 15%, or approximately $36,000, payments in bonds of the district The copper companies were reported to have failed to include acceptance of bonds as part of their payment.
The other bids on the construction of the lines were:
H. H. Walker, Los Angeles, $100,768
Bennett & Taylor, Los Angeles, $122,400.
W. E. Callahan Co., Los Angeles, $147,213.50.
Fritz Ziebarth, Long Beach, $159,800
On the basis of the figures submitted, the total cost of the line will be $533,885. Seven substations, to be advertised later, will amount to about $300,000.
Bids on materials were submitted by the following:
General Electric Co., Salt Lake City —insulators, hardware and switches, approximately $120,000, of which payment of $30,000 in bonds would be accepted.
Westinghouse Electric & Mfg. Co.—insulators, hardware, poles, crossarms and switches, approximately $160,000, of which payment of $40,000 in bonds would be acceptable.
Joslyn Co. of Calif., Los Angeles—poles, crossarms, steel wire strand, hardware, insulators, and switches, approximately $240,000, bonds to 25% acceptable.
Other firms bidding included: Morrison-Merrill Co., Salt Lake City, poles and cross-arms; Graybar Elec. Co., Salt Lake City, insulators, hardware, poles, cross-arms, switches and steel wire strand, no bonds; Maydwell & Hartzell Co., San Francisco, steel wire strand, accept bonds; Farnhom & Cunningham, Los Angeles, insulators, no bonds; Lapp Insulator Co. LeRoy, N. Y., insulators, accept bonds
Ohio Brass Co., Mansfield, Ohio, Jefferey-DeWitt Insulator Co., Kenosha, Wis., and Corning Glass Works, Corning, N. Y., insulators. The first two agreed to accept the bond proposal which was rejected by the New York concern.
John A. Roebling's Sons, Chicago, hardware, no bonds; Bowie Switch Co., Phillipsburg, N. J., switches, no bonds; Delta Star Electric Co., Chicago, switches, no bonds; Line Material Co., So. Milwaukee, Wis., hardware, insulators, etc., Electric Power Specialties Corp., Los Angeles.
A bid from the High Tension Co. of Phillipsburg, N. J., was withdrawn when it was found to be without the required certified check for five per cent of the bid.

New Bids Wanted—To Close March 10 2 P. M.
LIVESTOCK BLDG. Cost, $640,000
SAN MATEO COUNTY, Cal. Visitacion Valley, South McClaren Park (54-acre tract).
One - story reinforced conc. and steel livestock building (steel trusses; horse show arena, 300x400 feet; clear truss span over entire area, stadium to seat 10,000, flanker on each side by horse stall units (300 stalls) stadium portion height will be 100 ft. with 300 ft. span, shower rooms for horses, dormitory units for grooms, etc.)
Owner—Agricultural District 1-A.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Bids are being taken as follows:
(1) Work complete;
(2) Segregated general work;
(3) Mechanical equipment;
(4) Electric;
(5) Fabrication of structural steel;
(6) Erection of structural steel;
(7) Stadium seats.
Plans and specifications may be obtained from the State Diviison of Architecture, Sacramento, upon deposit of $50.00 for each set of plans. Bids will be opened by State Department of Public Works, Sacramento.
Previous bids received were rejected, low bids being submitted by the following:
Work Complete—MacDonald & Kahn, Financial Center Bldg., San Francisco, $936,639.
Segregated General—Barrett and Hilp, 918 Harrison St., San Francisco, $648,000.
Mechanical Equipment—Alta Elec. & Mechanical Co., 467 O'Farrell St., San Francisco, $29,952.
Electric—American Electric Construction Co., 462 Bryant Street, San Francisco, $29,952.
Structural Steel — McClintic-Marshall Corp., 20th and Illinois Sts., San Francisco, $154,700.
Stadium Seats — Heywood Wakefield Co., 180 New Montgomery Street, San Francisco, $24,660.
Excavation and foundation work is under way by WPA.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED
SOLANO AND SAN JOAQUIN Cos. Cal.—Sheldon Oil Co., Suisun, at $1.99 per bbl.; total $2208.90 submitted low bid to the Division of Highways, R. E. Pierce, District Engineer, Stockton, for applying diesel oil to roadside vegetation for a distance of about 128.1 roadside miles at various valley locations on the westerly side of San Joaquin Valley in Solano and San Joaquin Counties, requiring approximately 1110 bbls. of diesel oil in place.
Complete bids follow:
Sheldon Oil Co., Suisun, $1.99 per bbl. total, $2208.90.
Hayward Bldg. Material Co., Hayward: $2.52 per bbl.; total. $2,797.20.
Oilfields Trucking Co., Bakersfield:

CONTRACT AWARDED
LOS ANGELES, Cal.—Pacific Iron & Steel Co., 241 West Avenue 26 was awarded contract by the Metropolitan Water District at $6,459 for furnishing radial gates under Schedule No. 1; Los Angeles Valve and Fittings Co., 1650 N. Indiana St., awarded the contract at $3,120 for furnishing gate hoists, item No. 9, Schedule No. 3; Spec. No. 141.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

SAN JOAQUIN COUNTY—Bodenhamer Constr. Co., Box 67, Oakland, at $171,869.25 awarded contract by the State Highway Commission, Sacramento, for about 0.25 mile grading and surfacing with road-mix surfacing and constructing a steel truss swing bridge across Potato Slough in the Lodi-Isleton Road. The span will be installed on a central concrete pier supported on a timber pile foundation; main span will be 287 ft. 3-½ in. in length and will provide a 24-ft. clear roadway and 3-ft. sidewalks on each side. Contract includes mechanical and electrical installation.

CONTRACT AWARDED

VENTURA COUNTY, Cal. — V. R. Dennis Construction Co., 3911 Fifth Ave., San Diego, at $121,950 submitted low bid and awarded contract (subject to PWA approval) by the Ventura County Board of Supervisors for construction of a timber bridge 2100 ft. in length at the Santa Clara River on Beach Road, 3 miles southeast of Ventura.

Bids were taken as follows:

(1) lump sum, job complete;

(2) deduction if 163 ft. of bridge is omitted.

The bids were:

V. R. Dennis Constr. Co., San Diego—(1) $121,950, (2) $7000.

Mittry Bros. Constr. Co., Los Angeles—(1) $128,000, (2) $4850.

C. F. Robbins, Los Angeles—(1) $129,000, (2) $7000.

Macco Constr. Co., Clearwater—(1) $130,500, (2) $6000.

Sharp & Fellows Contracting Co., Los Angeles—(1) $130,614, (2) $8395.

C. T. and W. P. Stover, Claremont (1) $132,000, (2) $8500 (bid not signed)

Bongiovanni Constr. Co., Los Angeles—(1) $136,666, (2) $9500.

C. W. Caletti Co., San Rafael—(1) $139,000, (2) $7500.

Daley Corp., San Diego—(1) $144,-852, (2) $9500.

Merritt - Chapman & Scott, San Pedro—(1) $160,652, (2) $4000.

Shofner & Gordon, Los Angeles—(1) $169,440, (2) $7000.

The work involves:

12,000 lin. ft. treated Douglas fir piles
498,000 ft. B. M. redwood timber, various classifications;
47,000 ft. B. M. treated Douglas fir, various classifications;
500 tons structural steel;
26.5 tons miscellaneous hardware.

CONTRACTS AWARDED

STATE OF OREGON.—Bids for bridge construction were opened by the Oregon State Highway Commission, Portland, R. H. Baldock, State Highway Engineer, February 6, and contracts awarded as follows:

Clackamas County: Construction of a concrete bridge over Clackamas River and 0.7 mile grading and oil mat surface treatment on Woodburn-Sandy Highway at Estacada. Requires approximately 30,300 cu. yds. excavation; 4600 cu. yds. selected roadbed topping, 1200 cu. yds. crushed gravel surfacing; 9600 sq. yds. oil mat surface treatment; 1560 cu. yds. concrete; 210,000 lbs. metal reinforcement and 789 lin. ft. concrete handrail.

Awarded: Mt. Shasta Const. Co., Eugene, $83,903.

Clatsop County: Arch Cape Tunnel Section of Oregon Coast Highway, 0.62 mile grading, including 1278 feet of tunnel, and the construction of 166 feet of composite pile trestle bridge. Requires approximately 30,000 cu. yds. roadbed excavation; 31,000 cu. yds. tunnel excavation; 460 M FBM treated lumber in tunnel lining; 32 M-BFM treated lumber in bridge; 1260 lin. ft. treated piling; 288 cu. yds. concrete; and 350 lin. ft. composite handrail.

Awarded: Orino, Berkemeier & Saramel, Cascade Locks, $166,904.

Lake County: Construction of a composite frame trestle bridge over Chewaucan River ond the Fremoont Highway ten miles southerly from Paisley. Requires approximately 250 cu. yds. excavation; 200 cu. yds. concrete; 33,000 lbs. metal reinforcement; 55 M-FBM treated lumber; and 450 lin. ft. composite handrail.

Awarded: J. F. Johnson, Newberg, $14,973.

BIDS OPENED

STATE OF OREGON — Bids for bridge construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, February 7, and action taken as follows:

Klamath County: Construction of a composite pile trestle bridge over U. S. R. S. Canal "J"; untreated pile trestle bridge over a drainage ditch and a laminated treated timber culvert on the Merrill-Hatfield Co. Road approximately four miles southeasterly from Merrill. Requires approximately 215 c.y. excavation; 240 l.f untreated trestle piling; 1,100 l.f. of treated trestle piling; 11 MFBM untreated lumber; 68 MFBM treated lumber; 56 lbs. metal reinf., and 190 l.f. composite handrail. This project may be bid in combination with Merrill-California Line and Malin-California Line grading project.

Awarded: Dunn & Baker, Klamath Falls, $11,606.

Multnomah County: Construction of a 116 ft. through plate girder span and two 23-ft. I-beam spans to carry the United Railways track over the Columbia River Highway, approximately 1.8 miles north from the north city limits of Portland. Requires approximately 950 c.y. excavation; 515 c.y. concrete; 36,000 lbs. metal reinforcement; 30 MFBM treated lumber and 370,000 lbs. structural steel

Awarded: Portland Sand & Gravel Co., S. E. Division, Portland, $42,500.

Bids on the following project in Marion County were held under advisement:

Marion County: Pringle Creek-Taylor Creek Section of Pacific Highway; 4.6 miles grading, construction of 4 treated timber box culverts, and construction of 83 ft. treated timber trestle with concrete superstructure. Requires approximately 307,000 c.y. of excavation; 93 MFBM treated lumber in culverts; 29 MFBM treated lumber in bridge; 115 c.y. concrete; 18,000 lbs. metal reinforcement and 180 feet composite handrail.

Low Bidder: Roy L. Hauck, Independence, Oregon, $95,831.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

SUTTER COUNTY, Cal. — M. A. Jenkins, 3560 Y St., Sacramento, at $2929 submitted only bid and awarded contract by the Sutter County Board of Supervisors, Yuba City, for the repair of the Verona Bridge on the Garden Highway, including repair of a supporting truss, new flooring and surfacing of the bridge.

Engineer's estimate, $2590.85. Oscar Lanzendorf, County Engineer.

CONTRACT AWARDED

BAKERSFIELD, Kern Co., Calif.—Opperman & Kampe, Box 414, Station A, Bakersfield, at $5,984.86 submitted low bid and awarded contract by the Bakersfield City Council, V. Van Riper City Clerk, February 10, for construction of a reinforced concrete culvert at Union Ave. and the East Side Canal, Bakersfield.

The other bids were:

Rexroth & Roxroth, Bakersfield $5,217.04
V. A. Young, Bakersfield..... 6,322.80

BIDS WANTED

LOS ANGELES COUNTY, Cal—Until February 24, 2 P. M., bids will be received by the Los Angeles County Board of Supervisors for the construction of a steel truck bridge across Verdugo Wash, within the Oakmont Country Club grounds in the City of Glendale.

Bids will be taken as follows:

(1) Furnishing all materials and equipment and performance of all work incidental to the construction complete of the bridge involving 39 cu. yds. reinforced concrete and 22 tons structural steel.

(2) Placing additional abutment concrete in excess of that shown on the plans.

C. H. Howell, 205 S. Broadway, Chief Engineer.

PLANS APPROVED

SUTTER COUNTY, Cal.—Board of Supervisors has approved plans for repair work and new construction at the Nicolaus Bridge across the Feather River, estimated to cost approximately $145,510.

Plans prepared by Ed von Geldern, Second and C Sts., Yuba City, civil engineer, call for the retention of the present central draw span and erection of two new spans, 200 and 267 ft. in length.

An application for a 45% grant of the cost is pending with the PWA.

BIDS WANTED

ASOTIN COUNTY, Wash.—Until February 25, 10 a. m. bids will be received by L. V. Murrow, Director of Highways, Olympia, for construction of a treated pile and timber bridge 104.5 feet long on county road, Asotin Creek Bridge, involving about 66 c.y. of concrete, 31 M.B.M. of treated timber and lumber, 14 M.B.M. untreated timber and lumber, and other items.

Plans and specifications obtainable from the above office upon deposit of $2.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

PEARL HARBOR, T. H. — Until March 25, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for extension to quay wall of reinforced concrete construction supported on concrete piles and on concrete cylinders on wood piles and includes timber, finder system, trackwork, steel sheet piling, piping systems, electrical work and fittings at the Navy Yard, Pearl Harbor, T. H. Estimated cost, $200,000. Specification No. 8014.

Plans and specifications may be obtained from above office and from the Commandant, Navy Yard, Pearl Harbor, and from the Commandant, Twelfth Naval District, 100 Harrison St., San Francisco, upon deposit of $25.00.

TO ASK BIDS

SAN FRANCISCO—U. S. Engineers, Lt. Col. J. A. Dorst, district engineer, Customhouse, San Francisco, will ask bids shortly to be opened probably March 4 for placing a dredger fill and constructing rock retaining wall on a 385-acre site of tidelands north of Yerba Buena Island. The site is to be reclaimed for a municipal airport and for the 1938 Bay Bridge Exposition.

Work to be contracted includes placing 16,000,000 cubic yards of sand fill and constructing retaining wall estimated to require 200,000 tons of rock.

A small part of the fill is to be placed with government equipment and crews and work on this portion will start immediately.

Project is financed with $3,043,120 allotment of WPA funds.

23—IRRIGATION PROJ.

BIDS WANTED

GILA VALLEY PROJECT, Arizona.—Until February 27, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, under Spec. No. 657, for the construction of earthwork and tunnels, Station 30 to Station 931, Gravity Main Canal, Gila Valley Project, Ariz.

The work is located near Yuma, and the principal items of work involved are:

(1) 3,443,000 cu. yds. all classes of canal excavation;
(2) 120,000 cu. yds. excavation for drainage channels and dikes;
(3) 92,500 cu. yds. excav. in tunnels;
(4) 580 cu. yds. concrete in tunnel portal structures & transitions;
(5) 19,400 cu. yds. concrete in tunnels;
(6) Placing 64,000 lbs. reinforcement bars;
(7) Furnishing and installing 486,000 lbs. permanent steel tunnel supports;
(8) Furnishing and erecting 155 MFBM permanent timbering tunnels.

Work shall be commenced within 30 Work shall be commenced within 30 800 calendar days from date or receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, Yuma, Arizona; or Denver, Colorado, without charge to prospective bidders; to others, $1 per copy, not returnable.

COMPLETE BID LISTING

ALL-AMERICAN CANAL, Arizona-California.—David H. Ryan, 1615 Fern St., San Diego, at $99,150, as previously reported, submitted low bid to the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 668 for construction of earth lining on the All-American Canal, Station, 419 to Station 601, and Station 803 to Station 1245, All-American Canal System, Boulder Canyon Project.

Bids were taken as follows:

SCHEDULE I

Earth lining various sections between Station 419 plus 25 and 601 plus 00:

(1) 134,000 c.y. compacted lining;
(2) 49,000 c.y. uncompacted lining;

SCHEDULE II

Earth lining various sections between Stations 803 plus 75 and 1244 plus 75:

(1) 91,000 c.y. compacted lining;
(2) 32,000 c.y. uncompacted lining.

The bids were:

David H. Ryan: (1) $.33; (2) $.24; total Sch. I, $55,980; (3) .$39; (4) $.24, total Sch. II, $43,170; grand total, $99,-150.00.

Geo. J. Bock: (1) $.48; (2) $.26, total Sch. I, $77,060; (3) $.48; (4) $.26; total Sch. II, $52,000; grand total $129-060.00.

V. R. Dennis Const. Co.: (1) $.70; (2) $.15; total Sch. I, $101,150; (3) $.70 (4) $.15; total, Sch. II, $68,500; grand total, $169,650.00.

Geo. Pollock Co.: (1) $.73; (2) $.30; total Sch. I, $112,520; (3) $.90; (4) $.30; total, Sch. II, $96,050; grand total, $204,020.00.

Chas. G. Willis & Son: (3) $.95; (4) $.30; total, Sch. II, $96,050.00.

R. B. Williams, Construction Engineer.

APPLICATIONS FILED

SACRAMENTO, Calif.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during January, 1936:

8529, (San Bernardino Co.) F. H. Merrell, Helendale, for 100 cfs from Mojave river, to be diverted for irrigation and domestic purposes on 5,-500 acres. Est. cost, $222,116.

8530 (Sierra Co.) Fred A. Carpenter, Strawberry Valley, for 3 cfs from Water Box Ravine, tributary to Rock Creek, Canyon Creek, thence North Fork Yuba River, to be diverted for mining and domestic purposes.

8531 (Inyo Co.) J. P. Bowman, Lone Pine, for 0.1 cfs from Willow Creek tributary to desert, to be diverted for mining and domestic purposes. Estimated cost, $200.

8532 (San Mateo Co.) Rivieria Land Co., Halfmoon Bay, for 30 ac. ft. per annum from San Vicente Creek, tributary to Pacific Ocean, to be diverted for irrigation purposes on 68 acres. Est. cost, $250.

8533 (Siskiyou Co.) C. E. Warren, Somesbar, for 30,000 gals. per day from five unnamed streams tributary to Rogers Creek thence Klamath river to be diverted for irrigation and domestic purposes on 20 acres. Estimated cost, $1,000.

8534 (Imperial Co.) Imperial Irrigation Dist., El Centro, for 8,000 cfs from Colorado river, tributary to Gulf of California, to be diverted for power purposes; 10,482 thp. to be developed. Est. cost, $6,100,000.

8535 (Sierra Co.) E. M. Vail, San Francisco, for 5 cfs and 450 ac. ft. per annum from Lake Hawley, tributary to East Fork of North Fork of North Yuba river, to be diverted for mining and domestic purposes. Est. cost $40,-000.

8536 (Inyo Co.) Chas. C. King, Darwin, for 3000 gals. per day from Whiperwill spring, tributary to Darwin Wash, to be diverted for domestic purposes. Est. cost, $500.

8537 (Tulare Co.) U. S. Sequioa National Forest, Porterville, for 800 gals. per day from Nelson Fork of Middle Tule river, tributary to Middle Fork Tule river, to be diverted for domestic and fire protection purposes. Est. cost, $400.

8538 (Siskiyou Co.) F. D. Stables, Fort Jones, for 2.5 cu. ft. per second from Second Valley creek, tributary to Canyon Creek, to be diverted for power and domestic purposes; 85-thp. to be developed. Est. cost, $350.

8539 (Siskiyou Co.) H. R. Levick, San Francisco, for 50 cfs from Crapo Creek, tributary to Salmon river, to be diverted for mining purposes. Est. cost, $35,000.

8540 (Los Angeles Co.) Laura M. Hess, Los Angeles, for 0.03 cft and one acre foot per annum from a small gulch tributary to Le Montaine creek to be diverted for irrigation and domestic purposes on 4 acres. Est. cost $1,000.

8541 (El Dorado Co.) P. E. Hartwick, Camino, for 5 cfs and 250 acre feet per annum from Iowa creek tributary to South Fork American River; to be diverted for power purposes. Approximately 110-thp. to be developed.

8542 (San Benito Co.) M. J. Galvin, et al, Hollister, for 0.675 cfs from Arroyo De Las Viboras, tributary to Pajaro river, to be diverted for irrigation purposes on 44 acres. Estimated cost, $500.

8543 (Stanislaus Co.) Louis Crescio and Emanuel Rolleri, San Francisco, for 1.7 cfs from Tuolumne river, tributary to San Joaquin river, to be diverted for mining and domestic purposes. Est. cost, $1000.

8544 (Los Angeles Co.) Harriet L Worthington, Llano, for 130 gallons per day from Mescal creek, tributary to Mojave desert, to be diverted for domestic purposes. Est. cost, $100.

8545 (Amador Co.) Raymond Silva, Sacramento, for 270,000 acre feet per annum from Cosumnes river, tributary to Mokelumne river, to be diverted for power purposes; 13360-thp. to be developed.

8546 (Amador Co.) Raymond Silva, Sacramento, for 270,000 acre feet per annum from Cosumnes river, tributary to Mokelumne river, to be diverted for municipal purposes.

8547 (Siskiyou Co.) F. D. Stables, Fort Jones, for 2.5 cfs from Second Valley Creek, tributary to Canyon Creek, to be diverted for irrigation purposes on 15 acres. Est. cost $350.

CONTRACT AWARDED

FRENCHTOWN PROJ., Montana.—Bates & Hale, Missoula, Montana, at $48,329.50 awarded contract by Bureau of Reclamation, J. W. Taylor, Resident Engineer, Missoula, under Spec. No. 662, for construction of the diversion works and structures, Main Canal, Frenchtown Project.

LOW BIDDER

OWYHEE PROJECT, Oregon-Idaho—John Klug, Nyssa, at $20,521 submitted low bid to the Bureau of Reclamation, Ontario, under Spec. No. 760-D, for construction of earthwork, concrete lining and structures, Locket Gulch Wasteway Channel, Mitchell Butte Division, Owyhee Project. The work is located near Dunaway, Ore.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

DENVER, Colo.—Bids for furnishing high pressure gates for outlet works at the Moon Lake Dam, Moon Lake Project, Utah; Taylor Park Dam, Uncompahgre Project, Colo., and Island Park Dam, Upper Snake River Project, Utah, were opened by the Bureau of Reclamation, Denver, Feb. 7, under Spec. No. 666.

Bids were taken as follows:

(1) two 3-ft. 3-in. x 3-ft. 3-in. high pressure gate assemblies for Moon Lake Dam;
(2) one 4x5-ft. and one 5x6-ft. high pressure gate assemblies, with frames, hoist and appurtenances, for Taylor Park Dam;
(3) two 5x6-ft. high pressure gate assemblies for Island Park Dam.

Complete bids follow:

International Engr., Inc., Dayton, Ohio: (1) $6,350; (2) and (3) no bids.

Hardie Tynes Mfg. Co., Birmingham: (1) $9,500; (2) $17,274; (3) $24,460.

Timken-Detroit Axle Co., Michigan Valve & Foundry Div., Detroit: (1) $15,743; (2) $30,000; (3) $37,548; combination, (2 and 3) $65,000.

Joshua Hendy Iron Works, S. F.: (1) $7,707; (2) $18,092; (3) $25,440; combinations: (2 and 3) $43,315; (1, 2 and 3) $51,025. Delivery fob Sunnyvale.

Bartlett - Hayward Co., Baltimore: (1) $6,500; (2) $13,800; (3) $18,000; combination (1, 2 and 3) $35,800.

Steacy-Schmidt Mfg. Co., York, Pa.: (1) $8,200; (2) $18,850; (3) $27,500; combination (1, 2, and 3) $52,350.

Long Beach Iron W'ks, Long Beach: (1) $7,243; (2) and (3) no bids.

Commercial Iron Works, Portland: (1) $5,445; (2) and (3) no bids.

Rosedale Foundry & Machine Co., Pittsburgh, Pa.: (1) $7,980; (2) $18,820; (3) no bid.

Bids held under advisement.

CONTRACT AWARDED

BOULDER CITY, Nevada.—Electric Ventilating & Engineering Co., Inc., New York, at $22,754.64 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 755-D, for two ventilating duct systems for the Arizona and Nevada tunnel plug outlet works, and four ventilating duct systems for the upper and lower Arizona and Nevada penstock tunnels at Boulder Dam.

AWARDS RECOMMENDED

BONNEVILLE, Oregon — Bids for furnishing pumps and compressors for use at Bonneville Dam were opened by the U. S. Engineer Officer, Second Portland District, Portland, January 10, under Bid No. 694-36-203.

Bids were taken as follows:

ALTERNATE "A"

Delivery fob railroad cars at bidder's shipping point, transportation costs to be borne by the Government and shipment made under Government bills of lading:

(1) 2 5,000-gpm side suction pumps mounted on cast iron bases, with electric motors;
(2) 2 200-gpm do;
(3) 1 50-gpm vertical sump pump, with electric motor;
(4) 2 1,000-gpm horizontal split-case mounted on cast iron bases, with electric motors;
(5) 2 500-gpm 2-stage horizontal split case pumps mounted on cast iron bases, with electric motors;
(6) 2 150-gpm side - suction sewage pumps mounted on cast iron bases, with electric motors;
(7) 1 150-gpm transformer and oil-circuit-breaker oil transfer pump mounted on cast iron base, with electric motor;
(8) 2 50-gpm transformer & air circuit breaker oil booster pumps mounted on cast iron bases with electric motors;
(9) 3 50-gpm governor and lubricating oil transfer pumps mounted on cast iron bases, with electric motors;
(10) lump sum, two 675 c.f./min. at 100 lbs./sq. in. two-stage air compressors, with electric drive and two receivers;
(11) lump sum, one 40-c.f/min. at 350 lbs./sq. in. two-stage air compressor, with electric motor and one receiver.

ALTERNATE "B"

Delivery fob railroad cars at Bonneville, Oregon, transportation costs to be borne by the contractor. Items the same as under Alternate "A".

Lieutenant Colonel C. F. Williams, District Engineer, has recommended that contracts be awarded as follows:

Schedule I to VI, inclusive: Bingham Pump Co., Inc., 705 S. E. Main St., Portland; Alt. "B" (1) $2794.50; total, $5589; (2) $475; total, $950; (3) $126; total, $125; (4) $578.50; total, $1157; (5) $826; total, $162; (6) $415; total, $830.

Schedule VII: Schutte & Koerting Co., 12th and Thompson Sts., Philadelphia; Alt. "B"; (7) $454.65.

Schedule VIII: Woodin & Little, Inc., 33 Fremont St., San Francisco; Alt "A"; (8) $196.40; total, $392.80.

Schedule IX: Woodin & Little, Inc.: Alt. "A" (9) $196,400; total $589.20.

Schedule X: Worthington Co., Inc., 401 Worthington Ave., Harrison, N. J.: Alt. "B"; (10) $5272; total, $15,272.

Schedule XI: Gardner - Denver Co., 112 S. E. Belmont St., Portland, Oregon; Alt. "A": (11) $1269.

A complete tabulation of the bids received is on file at the office of the PACIFIC CONSTRUCTOR.

BIDS OPENED

SAN FRANCISCO—Converse Direct Delivery, 935 S. Van Ness Ave., at $80 submitted low bid to the Bureau of Public Roads, Sheldon Bldg., for hauling a government-owned 75-hp. Allis-Chalmers tractor with angle dozer mountings and one Galion scarifier, from the Equipment Depot, Government Island, to the Government Road Camp located approximately 30 miles west of Willows on the Willows-Covelo Road, a distance of approximately 180 miles. The equipment weighs approximately 14 tons.

Complete bids follow

Converse Direct Delivery, San Francisco, $80.00.

C. Mankel, Sacramento, $85.00.

Bettencourt & Warren, Hayward, $115.00.

Epperson Drayage Co., Woodland, $116.90.

Geo. Grifall, Mountain View, $118; 2% 10 days.

G. W. Thomas Drayage & Rigging Co., San Francisco, $145.

Thompson Bros., Inc., San Francisco, $201.

Bids held under advisement.

BIDS OPENED

EUREKA, Humboldt Co., Cal.—Paul Entremont, Box 573, Colusa, at $2.50 per hour for three trucks for approximately 500 hours each submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of 3½-yard dump trucks for intermittent work under shovels hauling slide material, gravel etc., in District I:

(1) 3 trucks;
(2) 6 trucks.

Complete bids follow:

Paul Entremont, Colusa: (1) $2.50.

Dewars Express, Eureka: (1) $2.59; (2) $2.59.

Rock & Gravel Trucking Co., Inc., Oakland: (1) $2.73; (2) $2.73.

Ashurst Bros., Hopland: (1) $2.93; (2) $2.93.

M. E. Bockstrom, Trinidad: (1) $2.93 (2) no bid.

Chas. W. Beughl, Millbrae: (1) $2.93 (2) no bid.

Identical bids at (1) $2.93; (2) $2.93 submitted by C & L Trucking Co., San Francisco; Daniel Gallagher T. M. & R. Co., San Francisco; William Kern, Weott. and W. E. Sinclair, Miranda.

G. R. Starkenburg, San Bernardino: (1) no bid; (2) $2.93.

R. M. Taylor, Cottonwood: (1) $2.93; (2) no bid.

C. Mankel, Sacramento: (1) $3; (2) $3.00.

A. E. Garcia, Jr., Irvington, (1) $3; (2) $3.00.

W. K. Walker, San Francisco: (1) $3.00; (2) no bid.

San Bruno Ave. Feed & Fuel Co., San Francisco: (1) $3.25; (2) no bid.

BIDS OPENED

EUREKA, Humboldt Co., Calif. — Hemstreet & Bell 501 11th St., P. O. Box 550, Marysville, at $6.25 per hour, submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for rental of one ½-yard power shovel equipped with dragline for loading trucks between Cloverdale and Hopland, for approximately 400 hours.

The other bids were:

C. Mankel, Sacramento, $6.50 per hr.

J. R. Reeves, Sacramento, $6.75 per hour

26—— RAILROADS

BIDS WANTED

LOS ANGELES, Cal.—Approximate quantities for the interlocker and signal system, Los Angeles Municipal Terminal Railroad, Belt Line extension, Spec. No. 947, for which bids will be opened by the Los Angeles harbor department Feb. 19 at 10 A. M., as previously reported, are:

1 electric interlocking machine;
12 home signals;
2 district signals;
4 dwarf signals;
8 distant warning signs;
4 telephone stations;
12 interlocked derailing switches, complete;
1 electric switch lock and derail;
55 35-ft. butt-treated and painted cedar poles;
70 kstandard, 6-pin. wood cross arms;
31 c.y. signal foundation concrete;
72 7x8-in. x 8-ft. creosoted pine or fir ties;
12 9x10-in. x 8 ft. 4-in. do;
24 9x10-in. x 11 ft. 6-in. do;
110 insulated joints.

Bids will be received on:

(1) for interlocking plant complete, exclusive of tower building and tool house;
(2) for concrete interlocking tower building and frame tool house.

The work involves construction of a railroad electric interlocking plant at East Thenard and West Thenard, Los Angeles County, to control movements of trains over six crossings on the Los Angeles Municipal Terminal Railroad extension.

Plans and bidding data may be obtained from harbor engineer, Branch City Hall, San Pedro, upon deposit of $15. Certified check or bond for 10% must accompany each bid. Arthur Eldridge, general manager.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 27, 12 M. (to be opened at 2 P. M.) bids will be received by G. M. Betterton, Purchasing Agent, Southern Pacific Company, 65 Market Street, for fur-

nishing multiple unitcontrol equipment for ten suburban electric cars.

Specifications obtainable from above office.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 19, 10 A. M., as previously reported, bids will be received by the general manager of the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for subgrade track and structures, Los Angeles Municipal Terminal Railroad, Belt Line track extension, Wilmington district, under Spec. No. 946; Unit 1. The work involves construction of standard gauge railroad track, approximately 13,650 ft. in length, including grading, track laying, trestle construction, paving, automatic grade crossing protection, etc.

Bids will be taken as follows:

(1) for railroad connection complete with NEW 90-lb. rail, accessory joints and the plates;
(2) same as (1), USED materials;
(3) for driving additional lengths of piling.

The work will involve:

26,500 lin. ft. 90-lb. ARAA rail for main line track;
3,300 lin. ft. 90-lb. ARAA rail for bridge trestle and guard rail;
600 lin ft. same placement next to track crossings in lines crossed;
720 lin. ft. 128-lb. Trilby girder rail for pavement crossings;
950 joints for 90-lb. rail;
12 joints for 128-lb. Trilby girder rail;
32 compromise joints;
40 insulated joints for 90-lb. ARAA rail;
30 kegs (200 lbs. each) bolts for joints for 90-lb. rail;
150 lbs. bolts for joints, 128-lb. rail;
16,000 tie plates for 90-lb. ARRA rail;
300 tie plates for 128-lb. Trilby girder rail;
180 brace tie plates for 128-lb. Trilby girder rail;
475 braces for 90-lb. ARAA guard rail;
3,400 anti rail creepers;
450 lbs. nut locks;
4 end frogs;
1 bolted frog;
1 pr. 90-lb. clamp guard rails for frogs;
1 pr. 16 ft. 6 in. switch point;
1 switch stand with lamp;
3 double and 2 single crossings, including those to be furnished by city;
7,800 creosoted 7-in. x 8-ft. cresoted cross ties;
55 creosoted ties, 7-in. x 9-in., varying lengths, 8 to 15 ft., for No. 2 turnout;
246 crossing ties, 7-in. x 9-in., 8½ to 18 ft.;
7,300 cu. yds. crushed rock ballast;
6,600 cu. yds. excav. for grading south of Anaheim;
50 cu. yds. fill for grading S. Anaheim;
Track laying, on main line—128-lb. Trilby rail;
360 ft. 128-lb. Trilby rail in pavement;
220 ft. 90-lb. rail in pavement;
12,280 ft. 90-lb. rail on subgrade;
600 ft. 90-lb. rail on trestles (ballast deck);
100 ft. 90-lb. rail on bridge (ballast deck);
- 90-lb. No. 9 turnout;
5,900 lin. ft. regrading, surfacing and aligning on spurs;
630 lin. ft. old track taken up from spurs;
1,030 lin. ft. interchange yard track to be removed;
8,400 sq. ft. existing pavement to break out and remove;
3,640 sq. ft. 7-in. asphalt concrete pavement;
2,400 sq. ft. timber plank pavement to be removed;
4,940 sq. ft. 5-½-in. asph. concr. pavement;
40 tons asphalt concrete resurfacing;
100 lin. ft. 12-in. corr. pipe culvert;
20 lin. ft. 18-in. corr. pipe culvert;
2,200 bd. ft. creosoted lumber;
840 bd. ft. redwood;
400 lbs. hardware in drainage system;
7,000 lin. ft. piles, timber trestle, 12-lb. treatment;
63,500 ft. BM 8-lb. treatment creosoted timber for trestle piles;
3,500 ft. BM 16-lb. treatment creosoted timber for trestle piles;
Hardware complete for trestle including straps, bolts, nuts, washers, etc.;
Irish flax felt, sheet zinc, etc.;
2 sets electric signal sets, type 5 (N St. Crossing);
2 sets electric signal sets, type 4 (Henry Ford Ave.);
12 cu. yds. concrete in retaining walls at bridge abutments;
1,200 lbs. reinforcing steel in retaining walls at bridge abutments.

29—STREETS AND HIGHWAYS

LOW BIDDERS

COCONINO COUNTY, Ariz.—Ken Hodgman, 714 Plymouth Road, Pasadena, at $106,871.99 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Flagstaff-Fredonia Highway, WPH 95-J; AFE 8932. The work, which is to begin at a point about 14.7 miles northeast of Flagstaff and is to extend northerly about 7.7 miles, consists of grading and draining the roadway and applying an SC-2 road oil dust palliative, and is to be completed on or before Oct. 15, 1936. The principal items and approximate quantities are:

29,200 c.y. rdwy. excav.;
3,100 c.y. drainage excav.;
800 c.y. struc. excav.;
140,500 c.y. imported borrow;
86,700 c.y. mi. imported borrow, haul
400 c.y. Class A concrete;
34,900 lbs. reinf. steel;
2,078 l.f. CM pipe (6 sizes);
3 cattle guards;
81,100 l.f. line fence;
5,000 l.f. grader ditches;
300 hours rolling;
72,200 gals. SC-2 road oil;
and other incidental items.

R. C. Tanner Co., Phoenix, at $117,309.78 submitted second low bid.

Funds in the sum of $125,000 have been programmed for this project.

PLANS APPROVED

WHITE PINE COUNTY, Nevada.—Plans and specifications for approximately 5.39 miles of highway construction in White Pine County, Route 14, Section A-1, between the east foot of Connors Pass and 5 miles east, have been approved by District Engineer C. H. Sweetser of the Bureau of Public Roads, and a call for bids will be issued shortly by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City.

The work involves:

(1) 25,650 c.y. roadway excavation;
(2) 20,134 sta. yds. overhaul;
(3) 2,660 c.y. select borrow;
(4) 210 c.y. structure excavation;
(5) 5.39 miles subgrade;
(6) 5.39 miles finishing roadway;
(7) 21,670 tons crushed gravel or stone surfacing;
(8) 24 c.y. Class A concrete.
(9) 19 c.y. Class B concrete.
(10) 3,400 lbs. reinforcing steel;
(11) 380 l.f. 18" C.M.P.
(12) 254 l.f. 24" C.M.P.
(13) 42 each, monuments;
(14) 1 each, move pipe culvert headwall.

BIDS OPENED

SAN JOAQUIN, Stanislaus, Calaveras, Amador, Tuolumne and Mariposa Counties, Cal.—Sheldon Oil Co., Suisun, at $2.24 per bbl., total $2,811.20 submitted low bid to the Division of Highways, R. E. Pierce, District Engineer, Stockton, for applying diesel oil to roadside vegetation for a distance of about 156.7 roadside miles at various valley locations on the east side of the San Joaquin Valley in San Joaquin, Stanislaus, Calaveras, Amador, Tuolunme and Mariposa counties, requiring approximately 1,255 barrels of oil.

Complete bids follow:

Sheldon Oil Co., Suisun: $2.24 per bbl., total, $2,811.20.

George French, Jr., Stockton: $2.39 per bbl.: total, $2,911.60.

Oilfields Trucking Co., Bakersfield: $2.84; total, $3,564.20.

BIDS OPENED

LOS ANGELES, Cal.—Geo. R. Curtis Paving Co., 2440 E 26th St., Los Angeles, at $31,593.05 submitted low bid to the Los Angeles County Board of Supervisors Feb. 10 for the improvement of Cedar Avenue in Torrance, from the north line of Tr. 9901 north to 190th St., 4080 ft. or 0.77 mile.

United Concrete Pipe Corp., Los Angeles, at $33,069.79 submitted the only other bid.

BIDS WANTED

COCONINO COUNTY, Ariz.—Until Feb. 25, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for furnishing 564 tons of Type SC-2 liquid ashaltic road material for use on Route 8, Hermit Rest and Headquarters Service Roads, in Grand Canyon National Park, Coconino County, Ariz.

Specifications obtainable from the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, or 414 Title & Trust Bldg., Phoenix.

LOW BIDDERS

LOS ANGELES COUNTY, Calif.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $464,533 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for 3.7 miles grading on Sepulveda Blvd. between San Fernando Rd. and and Brand Blvd., in Los Angeles Co.

J. E. Haddock, Pasadena, at $471,956, and Oswald Bros., Los Angeles, at $476,807 submitted second and third low bids, respectively.

BIDS OPENED

STANISLAUS, Merced and Mariposa Counties, Cal.—Sheldon Oil Co., Suisun, at $2.31 per bbl., total $2,425.50 submitted low bid to the Division of Highways, R. E. Pierce, District Engineer, Stockton, for applying diesel oil to roadside vegetation for a distance of about 141.4 roadside miles at various locations in Stanislaus, Merced and Mariposa Counties, requiring approximately 1050 bbls. of diesel oil in place.

Complete bids follow:

Sheldon Oil Co., Suisun, $2.31 per bbl. total $2425.50.

Oilfields Trucking Co., Bakersfield, $2.44 per bbl.; total $2562.

Hayward Bldg. Material Co., Hayward, $2.65 per bbl.; total $2782.50

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Southwest Paving Co., 1402 Radford Ave., P. O. Box D, Roscoe, at $35,811.75 awarded contract by the State Highway Commission, Sacramento, for about 0.6 mile grading and paving with asphalt concrete in Los Angeles County, through Sunland, between Fenwick St. and Scoville Ave.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A. J. Raisch, Burrell Bldg., San Jose, at $11,440 submitted the only bid received and awarded contract by the Santa Clara County Board of Supervisors, Court House, San Jose, for the improvement of about 2.6 miles of Moffatt Blvd. from the city limits of Mt. View to Bayshore Highway.

Engineer's estimate, $11,810.

The work involves:

(1) 104,160 sq. ft. macadam;
(2) 176,000 sq. ft. oil and screenings;
(3) 2,860 sq. ft. patching. *

CONTRACT AWARDED

SONOMA, Marin, Napa and Solano Cos., Cal.—Basalt Rock Co., Inc., 900 8th St., Napa, at $2.08 per bbl., total $5,408, awarded contract by the State Highway Commission, Sacramento, for applying approximately 2,600 bbls. of Diesel oil to roadside vegetation over a distance of about 197.2 roadside miles, at various locations in Sonoma, Marin, Napa and Solano Counties.

CONTRACT AWARDED

ALAMEDA, Contra Costa and Santa Clara Cos., Cal.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at $1.89 per bbl., total $2,835, awadred contract by the State Highway Commission, Sacramento, for applying approximately 15,000 bbls. of Diesel oil to roadside vetgetation over a distance of about 111.4 miles at various locations in Alameda, Contra Costa and Santa Clara Counties.

BIDS OPENED

STATE OF OREGON.—Bids for highway construction were opened by the Oregon State Highway Commission, Portland, R. H. Baldock, State Highway Engineer, February 6, and contracts awarded as follows:

Clatsop County: 20th St.-28th Street Section of Commercial St. and Franklin Ave. (Columbia River Highway) in Astoria; 0.33 mile paving. Requires approximately 3,000 c.y. excavation; 3,100 ft. concrete curb; 9,000 sq. yds. Portland cement concrete pave.; 2,000 c.y. gravel or crushed rock base, and 440 tons asphaltic concrete pave.

Awarded: Brookfield Co., Astoria, $30,580.

Multnomah County: Columbia Boulevard-Levee Road Section of NE 47th Ave. (Morgan Road); 2.01 miles grading and paving and construction of 95 feet of treated pile trestle with concrete deck. Requires approximately 10,000 c.y. excavating; 7,000 c.y. of screened gravel subbase materials; 2-700 c.y. crushed surfacing materials; 24,000 sq. yds. asphaltic concrete pavement; 1,300 l.f. treated trestle piling; 17 MFBM treated lumber; 75 c.y. concrete, and 210 feet concrete handrail.

Awarded: Warren Northwest, Inc., and Porter W. Yett, Portland, $41,935.

Tillamook Co.: Manzanita - Wheeler Section of Nehalem County Road; 3.42 miles of oil mat surface treatment.

Awarded: J. C. Compton, McMinnville, $11,411.

Bids on the following projects were referred to the engineer with power to award contracts:

Columbia County: Rainier Section of Columbia River Highway; 0.456 mi. grading and paving and 0.402 mile of grade widening. Requires approximately 30,000 c.y. excavation; 2,800 cu. yds. gravel or crushed rock base, and 5,400 sq. yds. Portland cement concrete pavement.

Low Bidder: Theo. Arenz, Portland, $38,443.

Klamath County: Dairy - Bonanza Section of Dairy-Bonanza Highway; 6.74 miles regrading and resurfacing. Requires approximately 30,000 c.y. of

SAN FRANCISCO — Park-Presidio & Sunset Mains — (City)

SAN FRANCISCO.—Lowrie Paving Co., Inc., 1540 16th Street, at $126,696 submitted low bid to the Public Utilities Commission, City Hall, under S.F.W.D. Spec. No. 106, for laying 20-in. steel feeder mains in the Park-Presidio and Sunset Districts, a PWA project.

The work involves:

(1) 20,820 lin. ft. fabrication, etc. 20-in. steel pipe;
(2) 45 roundabout seams, fabrication of bends from 20-in. pipe;
(3) 20,700 lin. ft. excavation and backfill, normal trench, 20-in. pipe;
(4) 100 cu. yds. additional excavation and backfill, from normal trench to 8-ft. below official street surface;
(5) 50 cu. yds. additional excavation and backfill for trench over 8-ft. below official street surface;
(6) 100 cu. yds. excavation and backfill for drains;
(7) 100 cu. yds. excavation and backfill for blowoffs;
(8) 1000 sq. ft. additional pavement removal and replacements;
(9) 350 lin. ft. installation of drains;
(10) 20,700 lin. ft. installation of 20-in. steel pipe;
(11) 300 lin. ft. making joints, bell and spigot;
(12) 45,000 lbs. installation of fittings;
(13) 56,000 sq. ft. repavement.

Total bids follow:

(A) Lowrie Paving Co., $126,696.00
(B) W. J. Tobin 133,390.00
(C) Eaton & Smith 146,187.00
(D) MacDonald & Kahn Co. 148,843.00
(E) M. J. Lynch 152,854.00
(F) Pacific States Const. 153,447.00
(G) Charles L. Harney 157,178.00
(H) E. J. Treacy 157,999.31

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 3.80	$ 4.00	$ 4.30	$ 3.80	$ 3.95	$ 4.10	$ 3.90	$ 3.675
(2)	15.00	18.00	16.00	20.00	20.00	23.00	18.00	22.50
(3)	.60	.90	1.27	1.20	1.45	1.70	2.00	2.06
(4)	1.75	5.00	2.50	2.00	1.00	6.00	4.00	3.00
(5)	2.50	6.00	3.50	2.00	3.00	7.00	4.00	5.00
(6)	3.00	1.50	2.25	2.50	1.00	3.00	2.00	1.75
(7)	3.00	1.50	2.50	2.50	1.00	3.00	2.00	2.00
(8)	.30	.35	.30	.35	.30	.34	.33	.30
(9)	.50	.60	.70	1.00	1.00	.60	1.00	.60
(10)	.80	.70	.71	1.41	1.00	.70	.90	1.0933
(11)	1.00	.40	.60	1.00	1.00	.85	.80	.70
(12)	.05	.04	.01	.04	.08	.035	.02	.015
(13)	.25	.225	.23	.20	.25	.24	.22	.23

N. A. Eckart, Chief Engineer.

NYE COUNTY, NEVADA—12.6 MI. HIGHWAY (STATE)

NYE COUNTY, Nev.—Dodge Construction, Inc., Fallon, at $52,083.70, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors. Robt. A. Allen, State Highway Engineer, Carson City, January 31, for the construction of a portion of the State highway system in Nye County, Rt. 4, Section A1, between three mi. east of Tonopah and the West Forest boundary, a length of approximately 12.6 miles.

The work involves:

(1) 742 lin. ft. remove culvert pipe;
(2) 46 each remove culvert headwalls
(3) 28,700 cu. yds. roadway excav.;
(4) 15,480 sta. yd. overhaul;
(5) 4543 cu. yds. select borrow;
(6) 19,164 cu. yds. imported borrow;
(7) 1070 cu. yds. structure excav.;
(8) 12.60 miles subgrade;
(9) 12.60 miles finish roadway;
(10) 47,500 tons crushed gravel or stone surfacing;
(11) 228 cu. yds. Class A concrete;
(12) 43 cu. yds. Class B concrete;
(13) 25,000 lbs. reinforcing steel;
(14) 940 l.f. 18-in. CMP;
(15) 130 l.f. 24-in CMP;
(16) 84 l.f. 36-in. CMP;
(17) 402 lin. ft. relay culvert pipe;
(18) 9 each move pipe culvert headwalls;
(19) 30 each monuments.

Total bids follow:

(A) Dodge Construction, Inc., Fallon, $52,083.70.
(B) Isbell Constr. Co., Reno, $54,082.55.
(C) U. B. Lee, San Leandro, $57,910.08.
(D) Jack Casson, Hayward, $60,018.55
(E) George French Jr., Stockton, $61,741.35.
(F) Pacific Constr. Co., San Francisco, $67,673.90.
(G) Engineer's Estimate, $68,447.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 1.00	$ 1.00	$ .50	$ .75	$ .50	$ .60	$ .75
(2)	5.00	5.00	5.00	5.00	5.00	5.00	5.00
(3)	.23	.25	.30	.25	.35	.30	.35
(4)	.02	.01	.03	.02	.03	.02	.02
(5)	.30	.35	.40	.35	.45	.50	.40
(6)	.30	.30	.32	.35	.40	.35	.40
(7)	1.00	1.25	1.00	1.00	1.00	1.50	1.00
(8)	100.00	100.00	150.00	75.00	100.00	200.00	100.00
(9)	100.00	100.00	150.00	150.00	150.00	200.00	100.00
(10)	.45	.45	.50	.55	.50	.63	.65
(11)	25.00	30.00	24.00	30.00	30.00	30.00	30.00
(12)	25.00	30.00	30.00	30.00	30.00	30.00	30.00
(13)	.06	.07	.07	.08	.07	.05	.07
(14)	2.50	2.00	2.00	2.25	2.00	2.00	2.25
(15)	3.50	3.00	3.00	2.75	3.00	3.00	3.00
(16)	5.50	5.50	5.50	4.00	5.00	6.00	5.50
(17)	1.00	1.00	.50	.75	.50	.60	.75
(18)	10.00	10.00	10.00	10.00	10.00	5.00	10.00
(19)	3.00	3.50	5.00	3.00	3.00	3.00	4.00

excavation, and 7,200 c.y. crushed rock surfacing materials.

Low Bidder: Dunn & Baker, Klamath Falls, $33,783.

Lane County: Doty Ranch-Danebo Road Section of Eugene-Veneta Highway; 0.765 mile grading, surfacing and bituminous macadam wearing surface. Requires approximately 9,000 cu. yds. excavation; 5,000 c.y. pit-run and screened gravel topping; 1,200 c.y. crushed gravel surface materials, and 9,000 sq. yds. bituminous macadam wearing surface. This project may be bid in combination with Oak Hill-Doty Ranch Section in Lane County.

Low Bidder—Consolidated Highway Co., Inc., Portland, $16,141.

Lane County: Oak Hill-Doty Ranch Section of Eugene-Veneta Highway; 1.41 miles grading, surfacing and bituminous macadam wearing surface. Requires approximately 16,000 c.y. of pit-run and screened gravel topping; 2,100 c.y. crushed gravel surfacing material and 16,500 sq. yds. bituminous macadam wearing surface. This project may be bid in combination with Doty Ranch-Danebo Road Section in Lane County.

Low Bidder—Consolidated Highway Co., Inc., Portland, $30,442.

Umatilla Co.: Cold Springs Bridge-Holdman Section of Pendleton - Cold Springs Highway; 6.34 miles regrading and surfacing and 7.34 miles of oil mat surface treatment; also furnish 800 c.y. crushed rock in stockpile. Requires approximately 25,500 c.y. excavation; 8,000 c.y. crushed rock surfacing materials; 78,000 sq. yds. oil mat surface treatment, and 800 c.y. crushed rock in stockpile.

Low Bidder: H. C. Rogers, Yakima, $51,872.

BIDS WANTED

VENTURA COUNTY, Calif.—Until March 5, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 4.9 miles widening roadbed and placing a widening strip of Portland cement concrete pavement, in Ventura County between Oxnard and Hueneme Road.

The work involves:

(1) 260 sta. clear and grub right of way;
(2) 600 M. gals. water;
(3) 12,000 c.y. rdwy. excav., unclass.;
(4) 3,600 sta. yds. overhaul;
(5) 500 c.y. struc. excav.;
(6) 12,000 c.y. imported borrow;
(7) 29,000 s.y. subgrade for pave.;
(8) 260 sta. finishing rdwy.;
(9) 25 tons liquid asph. SC-2 (prime coat);
(10) 290 tons do (shoulders);
(11) 23,100 s.y. preparing, mixing and shaping shoulders;
(12) 56 tons Grade E asphaltic cement (membrane seal);
(13) 95 c.y. membrane cover;
(14) 5800 c.y. Class A Portland cement concrete (pavement);
(15) 24,000 lbs. bar reinf. steel (pavement and struc.);
(16) 10,000 each pavement dowels;
(17) 60 c.y. Class A Portland cement concrete (struc.);
(18) 180 l.f. 18-in. reinf. concrete pipe;
(19) 10 l.f. 24-in. reinf. concrete pipe;
(20) 300 lbs. misc. iron and steel;
(21) 50 c.y. existing concrete to be removed and disposed of.

Plans and specfications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

VENTURA COUNTY, Calif.—Until March 5, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.8 miles grading and applying road-mix surface treatment in Ventura County between East Casitas Pass and Coyote Creek.

The work involves:

(1) 126 stas. clearing and grubbing right of way;
(2) 1,350 M. gals. water;
(3) 101,000 c.y. rdwy. excav., unclass.
(4) 3,000 c.y. struc. excav.;
(5) 1,300 c.y. ditch and channel excavation;
(6) 116,000 sta. yds. overhaul;
(7) 150 sta. finishing rdwy.;
(8) 39,500 s.y. preparing, mixing and shaping roadbed (road-mix surface treatment;
(9) 40 tons liquid asphalt SC-2 prime coat (do);
(10) 480 tons liquid asphalt SC-2 (do)
(11) 9,800 lbs. bar reinf. steel;
(12) 140 c.y. Class A Portland cement concrete (struc.);
(13) 450 l.f. 8-in. CMP;
(14) 2,300 l.f. 24-in. CMP;
(15) 80 l.f. 30-in. CMP;
(16) 150 l.f. 36-in. CMP;
(17) 13 each spillway assemblies;
(18) 115 l.f. 105-inch multiplate CMP (65-13);
(19) 40 l.f. 120-in. do (78-17);
(20) 100 each culvert markers;
(21) 320 each guide posts;
(22) 0.5 mile new property fence;
(23) 1.0 mile removing and resetting existing fences;
(24) 94 each monuments.

Plans and specfications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS OPENED

AMADOR, Calaveras, Tuolumne and Stanislaus Cos., Cal.—Sheldon Oil Co., Suisun, at $2.44 per bbl., total $3,037.80, submitted low bid to the Division of Highways, R. E. Pierce, District Engineer, Stockton, for applying approximately 1,245 barrels of diesel oil to roadside vegetation for a distance of 185.1 roadside miles at various foothill and mother lode locations in Amador, Calaveras, Tuolumne and Stanislaus Counties.

Oilfields Truck Co., Bakersfield, at $2.94 per bbl., total $3,660.30 submitted the only other bid.

LOS ANGELES COUNTY—3.7 MILES GRADING—STATE

LOS ANGELES COUNTY, Calif.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $464,533, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for 3.7 miles of grading on Sepulveda Blvd. between San Fernando Road and Brand Blvd., in Los Angeles.

The work involves:

(1) 194 stations clearing and grubbing right of way;
(2) 6,300 M. gals .water;
(3) 348,500 c.y. rdwy. excav., unclass.
(4) 3,800 c.y. struc. excav.;
(5) 3,800 c.y. ditch and channel excavation;
(6) 6,000,000 sta. yds. overhaul;
(7) 194 sta. finishing rdwy.;
(8) 210 tons mineral aggregate (plant mixed surfacing);
(9) 11 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surfacing);
(10) 20 tons asphalt concrete (type A surface);
(11) 40 c.y. Class A Portland cement concrete (struc.);
(12) 220 c.y. Class B do;
(13) 3200 lbs. bar rein. steel (struc.);
(14) 18 MFBM treated Douglas fir timber;
(15) 0.3 MFBM untreated do;
(16) 1,800 lbs. structural steel & metal
(17) 27 each spillway assemblies;
(18) 740 l.f. 8-in. CMP;
(19) 130 l.f. 18-in. do;
(20) 70 l.f. 21-in. do;
(21) 970 l.f. 24-in. do;
(22) 122 l.f. 36-in. do;
(23) 100 l.f. 60-in. do;
(24) 200 l.f. 78-in. do;
(25) 385 l.f. 150-in. multi-plate CMP (93-11);
(26) 450 l.f. 18-in. CMP siphon;
(27) 110 l.f. 24-in. CMP siphon;
(28) 41 each culvert markers.

Total bids follow:

(A) Griffith Co., Lo Angeles, $464,533.
(B) J. E. Haddock, Ltd., Pasadena, $471,956.50.
(C) Oswald Bros., Los Angeles, $476,807.40.
(D) Mundo Engineering Co. and Sander Pearson, $481,459.
(E) Gibbons and Reed Co., Burbank, $482,881.00.
(F) P. J. Akmadzich, Los Angeles, $485,486.05.
(G) Guy F. Atkinson, Portland, $490,862.50.
(H) Granfield, Farrar & Carlin, San Francisco, $603,813.74.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 25.00	$20.00	$14.00	$100.00	$20.00	$44.80	$15.00	$50.00
(2)	1.70	1.00	1.00	.60	.70	1.10	1.00	.60
(3)	1.01	1.09	1.11	1.08	1.12	1.12	1.175	1.36
(4)	3.00	1.75	1.50	2.00	1.00	1.90	1.50	1.50
(5)	2.00	1.19	1.50	1.00	1.00	1.90	1.50	1.50
(6)	.005	.005	.005	.004	.004	.003	.003	.01
(7)	10.00	10.00	4.50	5.00	10.00	6.90	20.00	10.00
(8)	4.00	3.00	5.60	5.00	2.00	4.65	5.00	4.00
(9)	20.00	20.00	17.50	30.00	20.00	19.00	20.00	20.00
(10)	5.00	6.00	6.30	5.00	4.00	6.00	8.00	7.00
(11)	40.00	23.00	21.00	30.00	30.00	24.00	20.00	25.00
(12)	40.00	23.00	19.00	20.00	28.00	24.00	18.00	22.00
(13)	.10	.06	.05	.06	.06	.08	.07	.05
(14)	100.00	95.00	100.00	100.00	90.00	99.00	100.00	75.00
(15)	100.00	95.00	100.00	30.00	90.00	80.00	80.00	70.00
(16)	.15	.11	.12	.20	.15	.12	.12	.08
(17)	20.00	13.50	17.50	15.00	15.00	21.00	16.00	15.00
(18)	1.00	.90	1.10	1.00	1.00	1.50	1.00	.90
(19)	2.00	1.70	2.00	2.00	2.00	2.10	1.70	1.70
(20)	3.00	1.90	2.20	2.00	2.50	2.90	2.00	1.90
(21)	4.00	2.55	2.80	3.00	3.00	3.45	2.50	2.60
(22)	5.00	4.75	5.20	5.00	5.00	5.95	5.00	4.67
(23)	10.00	11.00	11.40	10.00	15.00	12.00	11.00	10.50
(24)	20.00	17.50	18.50	20.00	20.00	20.30	18.00	17.50
(25)	50.00	50.00	48.00	60.00	70.00	57.70	50.00	60.00
(26)	2.50	2.20	2.50	5.00	5.00	3.35	3.00	3.50
(27)	3.00	3.10	3.50	5.00	6.00	5.25	4.00	3.50
(28)	3.00	2.50	2.00	3.00	2.00	3.85	3.00	2.00

BIDS WANTED

IMPERIAL COUNTY, Calif. — Until March 5, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 20.6 miles of grading and constructing bridges in Imperial County, on the Calipatria-Imperial Road between New River and a point two miles west of Calipatria.

The work involves:

(1) 3,000 M. gals. water;
(2) 80,000 c.y. rdwy. excav., unclass.
(3) 300 c.y. ditch and channel excavation;
(4) 3,000 c.y. imported borrow;
(5) 230,000 sta. yds. overhaul;
(6) 2,650 c.y. struc. excav.;
(7) 1,088 sta. finishing rdwy.;
(8) 10,000 c.y. untreated crushed rock (surfacing);
(9) 108 c.y. Class A Portland cement concrete;
(10) 19 c.y. Class B do;
(11) 14,000 lbs. bar reinf. steel;
(12) 11,500 lbs. struc. metal;
(13) 6020 l.f. furnishing treated Douggals fir piles, inc. test piles;
(14) 200 each driving treated do;
(15) 95 MFBM select, all heart, struc. Redwood;
(16) 100 MFBM dense, select, all-heart, struc. Redwood;
(17) 1 lot removing and disposing of existing bridges;
(18) 1,146 l.f. 18-in. CMP;
(19) 90 l.f. 24-in. CMP;
(20) 16 l.f. 36-in. CMP;
(21) 10 l.f. 24-in. CMP siphon;
(22) 64 l.f. 36-in. CMP siphon;
(23) 10 l.f. 48-in. CMP siphon;
(24) 36 l.f. remove, clean and relay pipe;
(25) 4 each concrete joints;
(26) 682 l.f. laminated guard railing;
(27) 2,75 miles remove and reset existing fences.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Diego. •

BIDS OPENED

STATE OF OREGON — Bids for highway construction were opened by the Oregon State Highwty Commission, R. H. Baldock, State Engineer, Portland, February 7, and action taken as follows:

Coos County: North approach to Coos Bay Bridge on Oregon Coast Highway; 0.53 mile grading, surfacing and bituminous macadam wearing surface. Requires approximately 57,000 c.y. excavation; 4,000 c.y. subbase materials; 1,600 c.y. crushed base materials, and 7,600 sq. yds. bituminous macadam wearing surface.

Awarded: S. S. Montague, 39 S. E. Salmon St., Portland, $50,024.

Coos County: South approach to Coos Bay Bridge on the Oregon Coast Highway; 0.41 mile grading and paving. Requires approximately 9,000 cu. yds. excavation; 13,000 c.y. earth borrow; 1,500 c.y. top soil cover; 3,000 l.f. concrete curb; 1,750 sq. yds. concrete sidewalk; 1,900 c.y. subbase and base materials; 9,000 sq. yds. Portland cement concrete pavement, and 4,000 sq. yds. asphaltic concrete pavement.

Awarded: S. S. Montague, 39 S. E. Salmon St., Portland, $52,604.

Klamath County: Merrill-California Line Section of the Merrill-Hatfield County Road and the Malin-California Line Section of The Dalles-California Highway; 2.5 miles grading, surfacing and oil mat surface treatment and 2.86 miles surfacing and oil mat surface treatment and 2.86 miles surfacing and oil mat surface treatment. Requires approximately 93,000 c.y. excavation; 16,000 c.y. crushed rock surfacing materials; 60,000 sq. yds. oil mat surface treatment, and 3,500 c.y. crushed rock in stockpile.

Awarded: Dunn & Baker, Klamath Falls, $95,728.

Multnomah County: Gilsan Street-Foster Road Section of 122nd Avenue; 3.19 miles asphaltic concrete paving, requiring approximately 7,000 c.y. pit-run gravel subbase materials; 4,700 cu. yds. crushed gravel base, shoulder and footpath materials, and 38,000 sq. yds. asphaltic concrete pavement.

Awarded: Jacobsen-Jensen Co., 517 N. E. Stanton St., Portland, $42,639.

Washington and Yamhill Counties: Rex Hill Section of West Side Pacific Highway; 2.12 miles grading, paving, and moving of buildings. Requires moving of approximately 18 buildings; 157,000 c.y. excavation; 2,800 l.f. timber piling; 15,000 c.y. crushed rock or pit-run gravel subbase materials; 4,500 c.y. crushed rock base, shoulder and footpath materials; 28,000 sq. yds. Portland cement concrete pavement; and 500 sq. yds. asphaltic concrete pavement.

Awarded: Oregon Contracting Co. and Theo. Arenz, 10,509 N. E. Sandy St., Portland, $176,221.

Bids on the following projects were rejected:

Columbia County: Columbia County Oiling Project on four sections of county road; 8.46 miles crushed rock surfacing and oil mat surface treatment. Requires approximately 2,650 c.y. crushed rock surfacing materials, and 86,000 sq. yds. oil mat surface treatment.

J. C. Compton, McMinnville, submitted low bids at $31,021 on oil and at $30,829 on tar.

Multnomah County: Humphrey Boulevard, 45th Ave. and Cameron Road Bituminous Macadam Project on two sections of county road; 3.06 miles of surfacing and bituminous macadam wearing surface. Requires approximately 2,400 c.y. excavation; 8,800 cu. yds. pit-run gravel subbase materials; 2,550 c.y. crushed gravel base and shoulder materials; 1,000 c.y. salvaged surfacing materials; and 33,000 sq. yds. bituminous macadam wearing surface.

F. J. Kernan, Rt. 4, Box 1360, Portland, submitted low bids at $43,368 on road oil and at $42,882 on tar.

No bids were received for furnishing approximately 8700 cu. yds. crushed gravel in stockpile on the Redmond Rock Production Project, Cook and Deschutes Counties.

BIDS WANTED

HUMBOLDT COUNTY, Calif.—Until March 4, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.5 miles grading and surfacing with bituminous treated crushed gravel or stone in Humboldt County, in the City of Eureka, between the southerly city limits and Wabash Avenue.

The work involves:

(1) 225 M. gals. water;
(2) 4,000 c.y. rdwy. excav., unclass.;
(3) 1,220 c.y. struc. excav.;
(4) 85 c.y. ditch and channel excav.;
(5) 7,000 c.y. imported borrow;
(6) 10,000 sta. yds. overhaul;
(7) 77 sta. finishing rdwy.;
(8) 960 tons untreated crushed gravel or stone (surfacing);
(9) 6,410 tons crushed gravel or stone (bituminous treated surfacing);
(10) 290 tons Grade E, asphaltic cement (bituminous treated surf.)
(11) 2,660 tons sand (oil treated surf.)
(12) 135 tons liquid asphalt SC-3 (oil treated surfacing);
(13) 12 tons liquid asphalt 50-60 (detours);
(14) 1,200 lbs. bar rein. steel (struc.);
(15) 37 c.y. Class A Portland cement concrete (struc.);
(16) 6 each spillway assemblies;
(17) 120 l.f. 8-in. CMP;
(18) 50 l.f. 12-in. CMP;
(19) 30 l.f. 15-in. CMP;
(20) 580 l.f. 18-in. CMP;
(21) 64 l.f. 21-in. CMP;
(22) 2,270 l.f. 8-in. perf. metal pipe underdrains;
(23) 650 c.y. rock filling material (underdrains);
(24) 324 l.f. part circle cast iron pipe;
(25) 290 l.f. salvaging existing conc. culvert pipe;
(26) 18,120 s.y. aspha. paint binder;
(27) 3 each cast steel frames and covers for drop inlets;
(28) 11 each new monuments, casings and covers;
(29) 11 each existing monument casings and covers to be moved and reset.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka. •

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Sully-Miller Contracting Co., 1500 W. Seventh St., Long Beach, at $38,567.75 awarded contract by the State Highway Commission at Sacramento for about 3.7 miles widening and surfacing with asphalt concrete in Los Angeles County between Traffic Circle and Los Angeles Street.

30—RESERVOIRS & DAMS

COMPLETE BID LISTING

SALT RIVER PROJECT, Arizona.—Dan Teters & Co., Box 7, Garnet, Cal., at $53,930, as previously reported, submitted low bid to the Bureau of Reclamation, Phoenix, under Spec. No. 663, for alterations to the spillway at Roosevelt Dam, Salt River Project.

The work is located on the Salt River about 63 miles northeast of Mesa. Complete bids follow:

Dan Teters & Co., Garnett, Cal., $53,930.

Vinson & Pringle, Phoenix, $69,609.50.

Pleasant - Hasler Const. Co., Phoenix, $78,225.

Case Const. Co., Alhambra, Calif., $87,336.

Bent Bros., Inc., Los Angeles, $91,870.00.

Allied Bridge & Const. Co. and Central Bridge & Const. Co., Omaha, Neb. $92,690.50.

CONTRACT AWARDED

ALHAMBRA, Los Angeles Co., Cal.—Chicago Bridge & Iron Works, 608 S. Hill St., Los Angeles, at $68,865 (welded type) awarded contract by Alhambra City Council for constructing the Marengo Reservoir, consisting of two steel tanks of 2,302,000 gallons capacity each, 143 ft. in diameter, and 20 ft. high, with connecting pipe.

CONTRACT AWARDED

SANTA BARBARA, Cal.—Nels Oakeson, 52 E. Haley St., Santa Barbara, at $34,744 awarded contract by Santa Barbara City Council for construction of the La Mesa Water Storage Reservoir, having a capacity of 1,500,000 gallons, circular in shape, of reinforced concrete construction.

CONTEMPLATED

SANTA CRUZ, Santa Cruz Co., Cal.—City Council has established a special fund to finance construction of a roof on the Bay Street Reservoir of the municipal water system. R. S. Tait, Water Department Superintendent, is making a survey of materials and types of construction. Estimated cost, $50,000.

LOW BIDDER

COLORADO RIVER PROJ, Texas.—Brown & Root, Inc., 708 Colorado St., Austin, Texas, at $323,350 submitted low bid to the Bureau of Reclamation, Austin, under Spec. No. 667, for clearing the Hamilton Reservoir site, Colorado River Project, Texas., involving about 15,800 acres of clearing.

CONTRACT AWARDED

SANTA BARBARA, Cal. — John Oberg, 3470 E. 8th St., Los Angeles, at $29,800 awarded contract by the Santa Barbara City Council for construction of the El Cielito water storage reservoir. The proposed reservoir will have a capacity of 1,000,000 gals. will be circular in shape, and of reinforced concrete construction.

Complete bids published Feb. 6.

BIDS OPENED

SANTA BARBARA, Cal. — Daley Corp., 4430 Boundary St., San Diego, at $158,169.50 submitted low bid to the Santa Barbara City Council for the raising, improving, and strengthening of the existing earth fill Sheffield Dam and deepening and paving the Sheffield Reservoir, located within the city, a part of the municipal water distribution system, a PWA project.

The dam will be raised 11 ft. with rolled earth fill of a minimum width of 25 ft. The paving of the upstream face will be extended to include the new portion of the structure.

Total bids follow:

Daley Corp., San Diego, $158,169.50.
J. E. Haddock, Ltd., Pasadena, $161,-219.50.
Bent Bros., Inc., Los Angeles, $164,-919.10.
Case Construction Co., Alhambra, $170,553.50.
Macco Constr. Co., Clearwater, $175,-$108.
David H. Ryan, San Diego, $184,458.50
Bodenhamer Constr. Co., Oakland $188,087.60.

Kovacevich & Price, Inc., 5400 Imperial Highway, Lynwood, at $139,810 submitted low bid on the excavation, lining and building of the dam, Proposal A, but the bid was referred to the City Attorney for an opinion on the legality of awarding only a portion of the work.

Quinton, Code & Hill-Leeds and Barnard, 905 Edison Bldg., Los Angeles, consulting engineers. Delbert D. Smith, water superintendent.

The work involves:

SCHEDULE A

Sheffield Dam and water storage reservoir, except retaining wall:

(1) removal of gate structure, curbing and buildings, lump sum;
(2) 63,000 c.y. excav., common, in reservoir down to grades specified for paving and transporting to dam or wasting immediately below dam;
(3) 2000 c.y. excavation, common, for foundations, trenches, culverts, pavements, ribs, etc.;
(4) 2000 c.y. excavation, rock, for breaking up, excavating & hauling rock;
(5) 38,000 s.y. grading for pave.;
(6) 600 c.y. backfill to grades as directed by engineer;
(7) 40,000 c.y. rolled fill complete in place;
(8) 11,000 c.y. rock fill for all work, handling and placing in fill;
(9) 450 l.f. drains, including excav. setting pipe, furnishing & placing broken rock;
(10) grouting old drain, lump sum;
(11) 1000 c.y. concrete in walls and incidental structures, including pavement ribs;
(12) 12,000 sq. yds. concrete in pave., 6-in. thick;
(13) 27,000 sq. yds. do. 4-in. thick;
(14) 3000 c.f. gunite in place;
(15) 130,000 lbs. reinf. in place, new billet, intermediate grade steel;
(15a) (alternate) 130,000 lbs. reinf. in place, rail steel;
(16) 2300 sq. yds. wire mesh in place, 2x2-in., 12x12-gauge;
(17) 38,000 sq. yds do, 4x4-in., 7x7-ga.;
(18) 4000 sq. yds. roadway excavating, grading, surfacing and placing roadway materials, etc.;
(19) 17,000 lbs. hydraulic equipment, installation.
(20) gate valve house complete, lump sum;
(21) 41 pairs reservoir protection wires and posts in place.

SCHEDULE B

Retaining Wall

(1) 170 c.y. excavation, common, for foundations;
(2) 30 c.y. backfill to grades as directed by engineer;
(3) 380 c.y. concrete in footings and walls, inc. forms, ties, water stops, etc.;
(4) 300 l.f. drains, inc. excavation, setting pipe, furnishing & placing broken rock;
(5) 77,000 lbs. reinf. in place, new billet, intermediate grade steel;
(5a) (alternate) 77,000 lbs. reinf. in place, rail steel;
(6) 8300 pounds hydraulic equipment, installation.

31 — PIPE LINES & WELLS

AWARD RECOMMENDED

VALLEJO, Solano Co., Cal.—The City Council has recommended to the PWA that contract for reconstruction of three portions of the existing Gordon Valley Water transmission pipe line located in the vicinity of Creston Station, Napa County, and Cordelia, Solano County, be awarded Robert B. McNair and H. Gould, 3745 Rhoda Ave., Oakland, at $48,613.39.

The original bid of McNair and Gould was $57,120.95 and the qauntities have been revised to eliminate approximately 1160 feet of pipe to bring the total cost of $48,613.30 within the funds availabale.

T. D. Kilkenny, City Engineer.

BIDS REJECTED

POINT ARGUELLO, Santa Barbara Co., Cal.—All bids received by the U. S. Coast Guard Headquarters, Washington, D. C., January 23, for drilling a deep water well, etc., at the new Point Arguello Coast Guard Station, near Arlight, Santa Barbara County, have been rejected, and new bids will be asked shortly.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 14, 10:30 A. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for drilling four 6-in. test holes each approximately 50-ft. deep at Aquatic Park, WPA Project No. 2175. Test holes are to be drilled at Beach and Polk Streets. Contractors will bid on unit basis, cost per l.f. actually drilled.

Further particulars obtainable from City Engineer John J. Casey, Room 351, City Hall.

CONTRACT AWARDED

SAN FRANCISCO.—MacDonald and Kahn Co., Ltd., 200 Financial Center Bldg., at $193,994.50 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 80, for laying the Crosstown Pipe Line, consisting of 36- and 44-in. diameter steel pipe.

CONTRACT AWARDED

SAN FRANCISCO.—Youdall Const. Co., Matson Bldg., at $846,159.50 on Section "A", and at $469,120.50 on Section "B", awarded contract by the Public Utilities Commission, City Hall under Spec. No. W. D. 79, for constructing the Crystal Springs Pipe Line No. 2 from Millbrae to University Mound Reservoir.

Under this contract a pipe line about 10.5 miles long is to be constructed from a point in the San Francisco Water Department yard nr. Millbrae, San Mateo County, to the University Mound Reservoir near Woolsey and Bowdoin Streets in San Francisco.

The greater portion of the line will be laid in trench. Certain short lengths, totaling about 0.5 mile, will be supported above the ground on timber trestle or concrete piles.

Section A, from a point near Baden to the University Mound Reservoir, totaling about 35,050 feet, will be entirely of 60-inch welded steel pipe of ⅜-inch plate.

Section B, from the point of beginning near Millbrae to a point near Baden totaling about 20,540 ft., will be of 60-in. steel cylinder reinforced concrete pipe with short sections of 60-in. welded steel pipe of ⅜-in. plate.

Section A is broken into four unequal lengths by three tunnels, aggregating about 4,000 feet, to which the pipe line is to be connected. These tunnels are being constructed by Barrett and Hilp, Inc., under Water Department Contract No. 74.

32— SEWERS & SEWAGE DISPOSAL PLANTS

ENGINEER RETAINED

MANTECA, San Joaquin Co., Cal.—The Manteca City Council has authorized L. B. Raab, 109 E. Weber Ave., Stockton, engineer, to make a survey and estimate of probable cost of sewage disposal expansion and street improvement projects.

AWARD APPROVED

SONORA, Tuolumne Co., Cal.—PWA has approved award of a contract to the Underground Constr. Co., 6 Alvarado Road, Berkeley, at $38,825.87, for construction of intercepting and outfall sewers and sewage treatment plant at Sonora.

CONTRACTS AWARDED

TURLOCK, Stanislaus Co., Cal.—PWA has approved award of contracts to Ed Erickson, Rt. 4, Box 744, Modesto, at $2250 for items 4 of Sch. 10, and to Lloyd Terrell, 221 9th Ave., Turlock, at $34,412.36, for Items 1, 2, 3 and 5 of Schedule 10, for concrete lining in the main canals of the Turlock Irrigation District. R. V. Meikle, Chief Engineer.

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until February 25, 10 A. M., bids will be received by Berkeley City Council Florence Turner, City Clerk, City Hall for the construction of a storm sewer on Ashby Avenue from Benvenue to Elmwood Court.

The work involves:

(1) 1,165 l.f. 18-in. sewer pipe;
(2) 680 l.f. 15-in. sewer pipe;
(3) 230 l.f. 12-in. sewer pipe;
(4) 480 l.f. 10-in. catchbasin connections;
(5) 9 catchbasins with water seal;
(6) 1 catchbasin without water seal;
(7) 2 curved inlets;
(8) 8 manholes.

Specifications obtainable from the

BIDS WANTED

BONNEVILLE, Ore.—Until Feb. 25, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland Dist., Lieut. Col. C. F. Williams, District Engineer, 627 Pittock Block, Portland, under Bid No. 694-36-257, for construction of a sewer system, sewer lines, etc., for the O.-W. R. R. & N. Co.'s railroad at Bonneville Dam.

See list of bid items under Classification (33), Waterworks.

33— WATER WORKS

COMPLETE BID LISTING

SANTA BARBARA, Cal.—Daley Corp., 4430 Boundary St., San Diego, at $134,694.70 (based on a combination of Schedules "A", "B" and "C") submitted low bid to the Santa Barbara City Council, February 10, for the construction of a water filtration plant, a PWA project.

The proposed filtration plant will be located between Mission Tunnel and the Sheffield Reservoir, and will consist of clarifier tanks occupying an area of 72x200 feet, with other portions of the building 40x58 feet, consisting of office, laboratory and other necessary departments, all of monolithic construction.

Bids were taken as follows:

Filtration Plant—Schedule "A"

(1) 5000 c.y. excavation, common, for filtration plant and roadway;
(2) 50 c.y. excavation, rock, for breaking up, excavating & hauling rock;
(3) 2100 c.y. backfill to grades as directed by engineer;
(4) 200 l.f. drains including excavation, setting pipes, furnishing & placing broken rock;
(5) 500 lbs. anchor bolts for placing and grouting anchor bolts;
(6) 2500 c.y. Class A concrete;
(7) 90 c.y. Class B concrete;
(8) 10[illegible] c.y. Class C concrete;
(9) 21 c.y. Class D concrete;
(10) 1200 c.y. Class E concrete;
(11) 40 c.y. Class F concrete;
(12) 600,000 lbs. reinf. in place; new billet, intermediate grade steel;
(12a) Alternate: 600,000 lbs. reinf. in place, rail steel;
(13) 570 s.y. wire mesh in place, 4x4-in., 7x7 gauge;
(14) 1400 s.y. rdwy., grading, surfacing and placing rdwy. materials, etc.;
(15) 210 c.y. sand and gravel or crushed rock placed in filters;
(16) 2000 sq. yds. exterior wash coat as specified in the architectural specifications;
(17) work as specified in the architectural specifications, lump sum.

SCHEDULE B

(1) 7800 lbs. special hydraulic equipment installed;
(2) 34,000 lbs. special mechanical equipment installed;
(3) 14,700 lbs. pumping equipment installed;
(4) 1800 lbs. electric power equipment installed;
(5) 1000 lbs. dry chemical storage installed;
(6) 340 lbs. chemical mixing equipment installed;
(7) 160,000 lbs. pipe, fittings, valves, etc., installed;
(8) 1400 lbs. floor drains installed;
(9) 29,800 lbs. chemical mixing tanks installed;
(10) 27,600 lbs. overflow launders installed;
(11) 3000 lbs. operating tables, installed;
(12) 7900 lbs. structural steel installed;
(13) 440 lbs. transportation equipment installed;
(14) 70 outlets furnishing equipment and installation of illuminating equipment.

SCHEDULE C

(1) 47,600 lbs. special mechanical equipment installed;
(2) 1320 lbs. pumping equipment installed;
(3) 32,000 lbs. dry chemical storage installed;
(4) 1360 lbs. chemical mixing equipment installed;
(5) 500 lbs. constructing and installing CO_2 generator;
(6) 43,400 lbs. installing pipe, fittings valves, etc.; etc., installed;
(7) 59,600 lbs. installing chemical mixing tanks;
(8) 19,800 pounds installing overflow launders.

Total bids follow:

(A) Daley Corp.: Sched. "A", $120,088.50; "B", $9033; "C", $5573.20.

(B) Bodenhamer Const. Co., Oakland: Sch. A, $125,543; Sched. B, $7,123.20; Sched. C, $4724.40.

(C) Marko Matick, Los Angeles: Sch. A, $138,037.09; Sch. B, $24,008.94; Sch. C, $10,289.56.

(D) F. J. Early, Jr., San Francisco: Sch. A, no bid; Sch. B, $12,219; Sch. C, $7797.

Unit bids follow:

SCHEDULE A

	(A)	(B)	(C)	(D)
(1).....	$ .63	$ 1.00	$ 1.32	$.....
(2).....	1.00	2.50	2.00	.....
(3).....	.40	.75	.76	.....
(4).....	1.50	1.00	.78	.....
(5).....	.20	.05	1.11	.....
(6).....	21.00	17.50	19.866	.....
(7).....	21.00	18.00	26.423	.....
(8).....	10.00	10.00	8.92	.....
(9).....	21.00	50.00	120.62	.....
(10).....	21.00	24.00	22.59	.....
(11).....	12.00	14.00	136.80	.....
(12).....	.048	.05	.0438	.....
(13).....	.50	.40	.50	.....
(12).....	.50	.40	.50	.....
(14).....	.25	2.00	.52	.....
(15).....	1.25	1.00	5.80	.....
(16).....	.10	.30	.20	.....
(17)....	5500.00	10,000.00	14,531.00	.....

SCHEDULE B

(1).....	.03	.022	.30	.19
(2).....	.03	.024	.068	.0275
(3).....	.025	.024	.021	.035
(4).....	.10	.08	1.4612	.20
(5).....	.025	.05	.46	.15
(6).....	.10	.05	.36	1.00
(7).....	.03	.022	.0596	.025
(8).....	.05	.05	.35	.04
(9).....	.025	.022	.0416	.048
(10).....	.03	.022	.035	.035
(11).....	.03	.03	.66	.035
(12).....	.025	.022	.02	.039
(13).....	.05	.08	.15	.15
(14).....	6.00	6.00	20.00	8.00

SCHEDULE C

(1).....	.025	.02	.03	.03
(2).....	.06	.03	.34	.035
(3).....	.025	.02	.0456	.04
(4).....	.05	.03	.36	.15
(5).....	.10	.20	1.00	.40
(6).....	.03	.02	.0624	.025
(7).....	.025	.025	.043	.048
(8).....	.03	.03	.035	.035

Quinton, Code & Hill-Leeds & Barnard, 605 Edison Bldg., Los Angeles, consulting engineers. Delbert D. Smith water superintendent. •

CONTRACT AWARDED

SAN FRANCISCO.—Lowrie Paving Co., Inc., 1540 16th St., at $126,696 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 106, for laying 20-in. steel feeder mains in the Park-Presidio and Sunset Districts, a PWA project.

CONTRACT AWARDED

SAN FRANCISCO. — W. J. Tobin, 586 Howard St., San Francisco, at $705 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 109, for laying six-inch cast iron mains in Pacheco Street from Eleventh Ave. to Aerial Way.

CONTRACT AWARDED

PEARL HARBOR, T. H.—Hawaiian Dredging Co., Ltd., Honolulu, at $53,935 (Item 1) submitted low bid to Commander P. J. Searles, Public W'ks Officer, Navy Yard, Pearl Harbor, and awarded contract by the Navy Department, Washington, D. C., under Spec. No. 8128, for improvements to the water supply system, Naval Fleet Air Base, Ford Island, Pearl Harbor.

Complete bids follow:

Hawaiian Dredging Co., Ltd., Honolulu: (1) $53,935.

Max W. Moody, Honolulu: (1) $62,353; (2) $20,547; (3) $41,806.

E. E. Black, Ltd., Honolulu: (1) $63500.00.

Ralph E. Woolley, Honolulu: (1) $66,400; (2) $32,100; (3) $36,000.

George Hess, Los Angeles: (1) $67,375; (2) $24,875; (3) $42,500.

BIDS OPENED

SAN FRANCISCO—W. J. Tobin, 586 Howard St., San Francisco, at $705 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 109, for laying six-inch cast iron mains in Pacheco St., from Eleventh Ave, to Aerial Way.

The work involves:

(1) 750 lin. ft. excavation and backfill for 6-inch pipe, trench 17-in. wide by 36-in. deep;
(2) 750 lin. ft. installing 6-in. bell and spigot cast iron pipe;
(3) 1000 lbs. installing fittings, gate valves, etc.;
(4) 100 lin. ft. making bell and spigot joints for pipe and fittings;
(5) 1200 sq. ft. repavement;
(6) Lump sum pipe and service connections, work to be done by the San Francisco Water Dept.

Total bids follow:

(A) W. J. Tobin, $705.

(B) Robert A. Farish, $876.30.

Unit bids follow:

	(A)	(B)
(1).....	$ .28	$ .46
(2).....	.06	.14
(3).....	.02	.0233
(4).....	.30	.27
(5).....	.30	.23
(6).....	100.00	100.00

Bids held under advisement. •

BIDS WANTED

BONNEVILLE, Ore.—Until Feb. 25, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, 627 Pittock Block, Portland, under Bid No. 694-36-257, for construction of a station building, section buildings, sewer system, water tank and column, and water supply system, including excavation, conc. foundations, pipe lines and sewer lines, complete, for the O.-W. R. R. & N. Co.s railroad at Bonneville Dam.

Bids will be taken as follows:

(1) 900 c.y. excavation and backfill;
(2) 65 l.f. 12-in. cast iron pipe;
(3) 125 l.f. 6-in. wrought iron pipe;
(4) 1,900 l.f. 3-in. wrought iron pipe;
(5) 175 l.f. 1¼-in. wrought iron pipe;
(6) 1,200 l.f. 6-in. sewer pipe;
(7) 1 MFBM miscellaneous lumber;
(8) 30 c.y. Class B concrete;
(9) 1 each water tank;
(10) 1 each erecting water column;
(11) 1 each station building, complete
(12) 1 each section house, complete;
(13) 1 each bunkhouse, complete;
(14) 1 each tool house, complete;
(15) 37 c.y. stone retaining wall;
(16) 7 each dry wells, complete;
(17) 320 l.f. telephone conduit ,complete without wires;
(18) 320 l.f. electric service cable installed complete.

Specifications obtainable from above office upon deposit of certified check or money order for $10, payable to "The Disbursing Officer, U. S.. Engineer Office, Second Portland District, 627 Pittock Block, Portland."

CONTRACT AWARDED

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., at $29,073.70 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,761, for constructing five fire cisterns (Group 3) on Dolores Street, at 22nd,

24th, 26th and 30th Sts., a part of the Auxiliary Water Supply System for Fire Protection.

BIDS WANTED

INGLEWOOD, Los Angeles Co., Cal. —Until February 18, 7:30 P. M., bids will be received by the Inglewood City Council for furnishing and laying 3340 feet of 24-in. welded steel pipe line, with special fittings and connections as shown below. The line will extend from the lower pumping station of the Municipal Water System to the upper reservoirs near the junction of Hargrave Ave. and Wexham Way.

The fittings to be furnished and installed by the contractor are as follows:

One 24-in. special bend with a deflection of 36½ degrees.
One 24-in. special bend with a deflection of 57 degrees.
One 24-in. special bend with a deflection of 53 degrees.
One 24x24-inch long radius welded tee.
One 24x24-in. welded tee.
One 24x12-in. welded tee;
One 24x 8-in. welded tee;
One 24x12-in. welded cross.

Plans and specifications obtainable from the office of City Engineer Arthur W. Cory. Certified or cashier's check or cash deposit or bid bond for 10%. * !

29— STREETS AND HIGHWAYS

BIDS OPENED

SANTA BARBARA COUNTY, Cal. —Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at $202,819 submitted low bid to the State Highway Commission, Sacramento, for about 3.1 miles grading and paving with Portland cement concrete in Santa Barbara County, between Tajiguas Creek and Arrayo Hondo.

The work involves:

(1) 30 stations clearing and grubbing right of way;
(2) 1,500 M. gals. water;
(3) 130,500 c.y. rdwy. excav., unclass.
(4) 690,000 sta. yds. overhaul;
(5) 21,050 c.y. imported borrow;
(6) 2,900 c.y. struc. excav.;
(7) 650 c.y. ditch and channel excav.
(8) 6,900 c.y. intercepting ditch and dike excavation;
(9) 36,700 sq. yds. subgrade for pave
(10) 166 sta. finishing rdwy.;
(11) 127 tons asphaltic cement, Grade "E" (membrane seal);
(12) 40 tons liquid asph. SC-2 (prime coat);
(13) 450 tons do (road mix surf. treatment);
(14) 59,000 sq. yds. preparing, mixing and shaping shoulders and detours;
(15) 7,340 c.y. Class A Portland cement concrete (pavement);
(16) 375 c.y. do (struc.);
(17) 58,300 lbs. bar reinf. steel (pavement and struc.);
(18) 9,910 each pavement dowels;
(19) 16 each pavement crossing devices;
(20) 292 l.f. 8-in. CMP;
(21) 936 l.f. 18-in. CMP;
(22) 454 l.f. 24-in. CMP;
(23) 226 l.f. 30-in. CMP;
(24) 222 l.f. 36-in. CMP;
(25) 30 l.f. half circle 24-in. CM culvert;
(26) 1,308 l.f. existing CMP removed cleaned and salvaged;
(27) 23 each spillway assemblies;
(28) 4 each cast steel frames and covers for drop inlets;
(29) 2,500 sq. yds. paved gutters and inlet aprons;
(30) 3,300 c.y. existing concrete removed and disposed of;
(31) 2,300 c.y. salvaged detour material;
(32) 3.8 miles new property fences, Type A;
(33) 0.3 mile do, Type B;
(34) 20 each drive gates;
(35) 2,570 l.f. laminated guard railing;
(36) 5,000 l.f. existing guard railing moved and reset;
(37) 53 each guide posts;
(38) 52 each culvert markers;
(39) 88 each monuments complete in place.

Total bids follow:

(A) Granfield-Farrar & Carlin, San Francisco, $202,819.
(B) J. E. Haddock, Ltd., Pasadena, $208,839.60.
(C) Geo. R. Curtis Paving Co., Los Angeles, $211,321.21.
(D) Oswald Bros., Los Angeles, $214,-735.10.
(E) Sander Pearson & Mundo Engr. Co., Los Angeles, $218,679.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$20.00	$50.00	$10.00	$65.00	$200.00
(2)	1.00	2.00	2.50	3.30	1.30
(3)	.30	.34	.375	.36	.31
(4)	.005	.005	.005	.004	.007
(5)	1.20	.75	.50	1.20	1.60
(6)	1.50	1.50	1.00	1.25	1.50
(7)	.50	1.50	.75	1.25	.80
(8)	.50	.50	1.00	.75	.50
(9)	.09	.11	.10	.10	.10
(10)	15.00	10.00	6.25	4.00	5.00
(11)	19.00	19.00	20.04	19.00	25.00
(12)	12.00	10.00	11.00	10.50	15.00
(13)	11.00	9.40	9.90	9.50	12.00
(14)	.06	.07	.05	.055	.06
(15)	9.50	10.20	9.86	9.00	8.55
(16)	20.00	20.00	26.00	24.50	20.00
(17)	.05	.06	.0625	.06	.05
(18)	.12	.12	.125	.11	.15
(19)	30.00	40.00	75.00	200.00	120.00
(20)	1.05	.90	.93	1.15	1.20
(21)	1.80	1.70	1.66	1.85	1.75
(22)	2.70	2.45	2.56	2.70	2.80
(23)	3.25	3.10	3.10	3.30	3.30
(24)	4.80	3.50	5.11	5.00	4.00
(25)	4.25	3.00	1.88	3.00	1.70
(26)	.75	1.00	.75	.75	.50
(27)	15.00	18.00	15.00	15.00	15.00
(28)	30.00	35.00	37.50	37.00	40.00
(29)	1.25	1.50	2.25	1.00	1.00
(30)	1.50	2.50	2.20	1.60	2.00
(31)	1.50	.50	.75	1.00	2.30
(32)	450.00	600.00	625.00	550.00	600.00
(33)	500.00	700.00	687.50	600.00	600.00
(34)	15.00	15.00	15.00	19.00	25.00
(35)	.95	.80	1.25	1.00	1.20
(36)	.50	.50	.63	.60	.50
(37)	2.50	2.00	2.20	2.00	3.50
(38)	2.50	2.50	2.50	2.25	3.50
(39)	3.00	3.00	3.00	3.00	3.00

31—PIPE LINES & WELLS

NEW BIDS ASKED

POINT ARGUELLO, Santa Barbara County, Cal. — Until February 20, new bids will be received by the U. S. Coast Guard Headquarters, Washington, D. C., for drilling a deep well, etc., at the new Point Arguello Coast Station, near Arlight, Santa Barbara County.

All bids received January 23 were rejected.

Specifications obtainable from the above office and on file at the Coast Guard, Section II, Government Island, Oakland, where they may be viewed by prospective bidders. 31

33— WATER WORKS

BIDS OPENED

SOUTH GATE, Los Angeles County.—Chicago Bridge & Iron Works, 608 S. Hill St., Los Angeles, at $25,600, submitted low bid to the South Gate city council February 8, for the construction of an elevated steel tank at South Gate, a PWA project. The only bid was submitted by the Pittsburgh-Des Moines Steel So. at $26,750. The proposed tank will have a capacity of 150,000 gallons and the tower will be 141 ft. in height from the foundation to the top edge of the tank. Guy F. Nevill, city engineer. L. M. Rothkranz, city water superintendent.

34— PARKS & PLAYGROUNDS

BIDS WANTED

PROSSER, Wash.—Bids are being received by the Custodian, U. S. post office, Prosser, for planting and seeding grounds at the U. S. post office at Prosser. 34

BIDS WANTED

REDWOOD CITY, San Mateo Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, for planting and seeding grounds at the post office in Redwood City. 34

BIDS WANTED

ORANGE, Orange Co., Calif.—Bids are being received by the Custodian, U. S. post office, Orange, for lawn sprinkler system for the Orange post office. 34

CONTRACT AWARDED

MONTESANO, Wash.—Kurrle & N. C. Bird, Montesano, at $596.85 were awarded contract by Treasury Department for planting and seeding grounds at the U. S. post office at Montesano. 34

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EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until Feb. 19, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, as follows.

PROPOSAL 720: 2,400 barrels Portland cement;

PROPOSAL 721: 2,200 tons fine aggregate.

Specifications obtainable from above office.

NOTE: It was previously incorrectly reported that bids were being received for 24,000 bbls. of cement.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif. — Until February 20, 2 P. M., bids will be received by I. M. Stevens, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3171, for furnishing 12 dozen marking hatchets, handled.

Delivery fob bidder's shipping point and/or Government Island.

Specifications obtainable from above office.

RECLAMATION SERVICE

SALT RIVER PROJECT, Ariz. — Until February 27, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 767-D, for furnishing and delivering fob cars at the shipping pt. and/or Mesa, Ariz., nineteen motor - driven radial gate hoists; nineteen gate position indicators; new parts for alterations to nineteen radial gates, and pipe handrailings and accessories for installation in the north and south spillways of the Steward Mountain Dam, Salt River Project, Ariz.

All materials and equipment will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $1.75, not returnable.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Feb. 17, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-170, for furnishing 480 ft. special flexible hoisting rope of six strands, 37 wires to the strand, and one hemp core.

Delivery fob Sacramento.

Specifications obtainable from above office.

FORT MASON, Cal.—Until Feb. 20, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. 928-36-203, for furnishing:

(1) 2400 BMFT Douglas fir lumber;
(2) 27 pieces white oak lumber;
(3) 100 BMFT teak lumber;
(4) 600 BMFT sugar pine lumber;
(5) 3,021 ft. wrought iron pipe, galvanized, standard;
(6) 1,181 lbs. Tobin bronze, bar, round
(7) 450 lbs. medium flat bar steel;
(8) 1,720 lbs. plain galv. sheet iron;
(9) 430 lbs. chrome steel, nickel alloy, cold rolled, sheet.

Specifications obtainable from above office.

FORT MASON, Cal.—Until Feb. 19, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-202, for furnishing red lead paint, paint drier, turpentine, etc., for shipment to the Department Quartermaster, Philippine Dept., Manila, P. I.

Specifications obtainable from above office.

HUMBOLDT COUNTY

EUREKA, Humboldt Co., Cal.—Until February 18, 8 P. M., bids will be received by the Eureka City Council, A. Walter Kiidale, City Clerk, for furnishing one motor grader, fob Eureka.

Specifications obtainable from above office.

WAR DEPARTMENT

HAMILTON FIFLD, Marin Co., Cal. —Until February 20, 10 A. M., bids will be received by Captain Leander Larson, Constructing Quartermaster, Fort Mason, under Bid No. W 6616-36-28, for furnishing 3,500 l.f. parkway cable, 2500-volt, single conductor, solid No. 8 metallic armored, for underground service.

Alternate bids will be received for rubber insulation.

Delivery fob Hamilton Field.

Specifications obtainable from above office.

FORT MASON, Cal.—Until Feb. 21, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-205, for furnishing 75 gals. pigmented black enamel and 50 gals. pigmented blue enamel.

Specifications obtainable from above office.

RECLAMATION BUREAU

MESA, Ariz.—Until March 16, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 671, for furnishing and delivering fob cars at the shipping point and/or Mesa, one vertical-shaft, 11,500-hp., 214-rpm. hydraulic turbine or a new plate-steel scroll case, speed ring and draft-tube liner for the 11,500-hp. S. Morgan Smith Co. vertical-shaft hydraulic turbine now installed in the power plant, and one 102-inch diameter butterfly valve with operating mechanism for installation in the Mormon Flat power plant of the Salt River Project, Arizona.

All of the apparatus will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $1.00 not returnable.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Feb. 14, 10 A. M., bids will be received by S. A. Joseph, purchasing agent, Metropolitan Water District, 306 W 3rd St., Los Angeles, for furnishing lumber fob mill. The items are:

(1) 150,000 bd. ft. 2x12-in. x 12-ft. and up, random No. 2 common, rough Douglas fir;

(2) 150,000 bd. ft. 12x12-in. select structural, rough Douglas fir as per Par. 210 WCLA stand. grading rules, approx. 70% to be in 16-ft. lengths and approx. 30% to be in 18-ft. lengths

(3) 100,000 bd. ft. 6x8-in. x 14-ft., 16- 18- and 20-ft. select structural, rough Douglas fir as per Par. 218. WCLA standard grading rules, to be shipped in approx. 25% of each length.

(4) 100,000 bd. ft. 4x6-in. x 12-ft. and up, random No. 2 common, rough Douglas fir.

LOS ANGELES, Cal.—Until Feb. 28, 10 A. M., bids will be received by the Metropolitan Water District, 306 West Third St., Los Angeles, for furnishing 49 steel batch car bodies for use in concrete work, in accordance with Spec. No. 147. Specifications may be obtained at Room 1007, 306 West 3rd St., Los Angeles, upon payment of $2 per set, not returnable. Certified or cashier's check, $1500. F. E. Weymouth, General Manager and Chief Engineer.

LOS ANGELES COUNTY

LOS ANGELES, Cal.—Until Feb. 20 12 M., bids will be received by H. E. Russell, Los Angeles County Purchasing Agent, 524 N. Spring Street, for furnishing one 1½ c.y. Bucyrus or equal, shovel, powered with a Caterpillar diesel D-11,000 engine; dragline equipment to consist of all necessary drums, drum lagging, cables, fair lead, sheaves, buckets, etc.; standard boom to be at least 45-ft. long of extensible type; fob 1640 Eastlake Ave., for Flood Control District. Spec. No. 820.

DEPT. OF THE INTERIOR

ARIZONA and New Mexico.—Until Feb. 18, bids will be received by the Purchasing Officer, Interior Department, Washington, D. C., for furnishing fencing materials under Pro. No. 1239, as follows: 10,000 steel fence posts, 20,000 galv. steel fence stays, 500 80-rod rolls galv. barbed wire, Hatch, N. M.; 500 rolls barbed wire, Ft. Selden, N. M.; 500 rolls do, Winkleman, Ariz.; 500 rolls barbed wire, Tularosa, N. M.; 500 rolls do, Magdalena, N. M.; 20 kegs galv. staples, Hatch, N. M.; 20 kegs do, Ft. Selden, N. M.; 20 kegs do for each Winkleman, Ariz., Tularosa, N. M. and Magdalena, N. M.

TREASURY DEPARTMENT

SAN FRANCISCO.—Until Feb. 17, 2 P. M., bids will be received by the Procurement Division, Treasury Department, Room 514, 49 Fourth St., under Bid No. 885, for furnishing white glazed wall tile, white glazed base, white glazed trimmer, white hexagon floor tile, white glazed cap, cove base, etc., for use on WPA project.

Delivery fob various fire houses, 375 Grove Street.

Specifications obtainable from above office.

SAN FRANCISCO.—Until Feb. 14, 2 P. M., bids will be received by the Procurement Division, Treasury Department, Room 514, 49 Fourth Street, under Bid No. 886, for furnishing 6-10- and 18-ft. chain link fence for use on WPA project.

Delivery fob St. Mary's Playground, Murray St. and Justin Drive.

Specifications obtainable from above office.

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Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

February 22, 1936

Vol. XIX—No. 8

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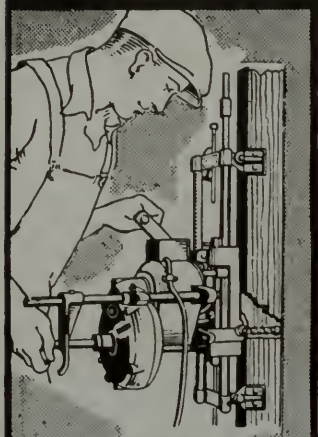

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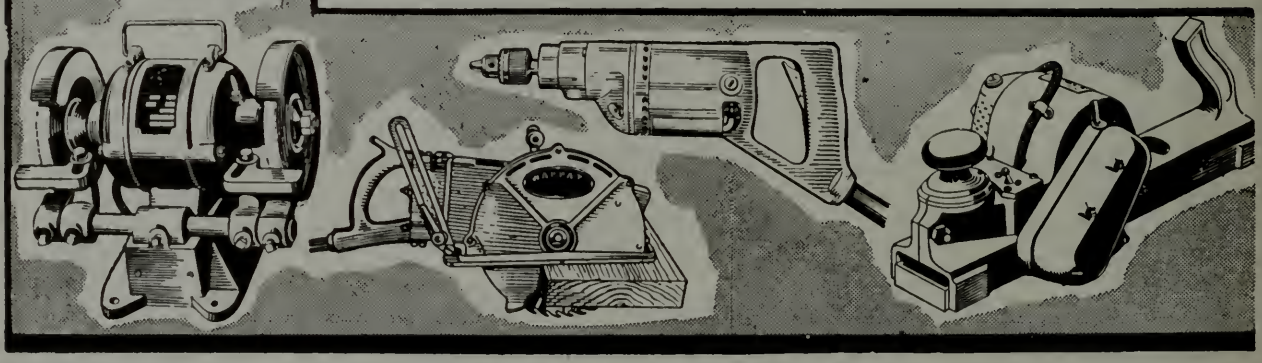

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Vol. XIX SAN FRANCISCO, CALIF., FEBRUARY 22, 1936 No. 8

PENINSULA CO. LOW BIDDER ON $518,000 JOBS

S. F. Firm To Get State Contracts In Two Counties

SACRAMENTO, Feb. 19.—Peninsula Paving Co., San Francisco, today submitted low bids totaling $518,955 on two state highway construction contracts, one located in Monterey County, the other in Santa Cruz County. Twenty-five bids were received on the two contracts.

Alternate figures were taken by the highway division on the Santa Cruz contract for surfacing with either natural rock asphalt or plant mix a section of 3.9 miles between Scotts Valley and one mile north of Santa Cruz. The low bid of $202-613 offered by Peninsula Paving was on the rock asphalt alternative. Young & Son Co., Ltd., Berkeley, were low bidders on the plant-mix alternative at $204,450.

Low bid on a contract to grade and pave 6.8 miles in Monterey County between Bradley and six miles north of San Ardo was submitted by Peninsula Paving Company at $316,342. The section is to be paved with portland cement concrete and a reinforced concrete bridge is to be constructed. Second low bid was by David H. Ryan, San Diego, at $327,008; third by Wood and Bevanda, Stockton, at $346,774.

Blake Brothers, San Francisco, were low bidders at $20,862 on a contract for placing riprap slope protection between Isleton and Walnut Grove in Sacramento Co. The contract requires placing about 9000 tons of rock. Other bids were submitted by Healy-Tibbitts Construction Co., San Francisco, $21,665, and Hutchinson Co., Oakland, $21,742.

NAME BOULDER LAKE AFTER COMMISSIONER

The 115-mile long lake which will rise behind Boulder dam will bear the name of Dr. Elwood Mead, late reclamation commissioner, it is announced by Secretary of the Interior Harold L. Ickes.

TULARE CONTRACTS OUT FOR BIDS

Contracts on two PWA-financed building jobs in Tulare Co. are being advertised for bids to be received February 29, it was announced yesterday. Bids will be opened on that date by the Lindsay City Council for building a city hall and improving the playground at the civic center, for which approximately $50,000 is available in Federal and local funds. Plans were prepared by Architect F. L. Swartz, Fresno.

The Woodlake School District will take bids for erecting a one-story frame and stucco classroom building to cost $25,000, also financed in part with a P W A grant. Architect E. J. Kump Fresno, designed the building.

Bids March 2 on Shed Extension Steel Contract

Bids for construction of a structural steel frame for the extension to Transit Shed No. 2 at Oakland outer harbor are scheduled for opening March 2 by the Oakland Port Commission.

Total cost of the extension is estimated at approximately $85,-000. It is expected that bids will be asked shortly for remaining portions of the work.

The shed will be 270 feet long, of steel and concrete construction, according to plans prepared by the Port Commission's engineering department, and will contain about 50,000 square feet of storage space.

A grant of $38,000 has been approved by the Federal Public W'ks Administration. Balance of the funds required will be furnished by the commission.

INSPECTOR APPOINTED

W. J. Meeker of Santa Rosa has been appointed inspector for the county board of supervisors on the Sonoma county hospital building, under contract to P. J. Walker Co. The appointment was recommended by County Engineer E. A. Peugh.

STATE INVITES BIDS MARCH 11 ON FOUR JOBS

Northern County Contracts Offered; Seven Awards Approved

SACRAMENTO, Feb. 18.—Four highway improvement contracts were released today by the State Division of Highway for bids to be opened in Sacramento, March 11. Work to be contracted is located in Marin, Contra Costa, Monterey, and Kern counties.

All of the work is to be financed from regular state funds and Federal-aid appropriation.

Monterey County. Grading and surfacing with plant-mix about 8.3 miles between Soledad and Gonzales.

Kern County. Grading and applying road-mix surface treatment, constructing timber bridge, between Eric and La Rose (Bakersfield-Mojave Route), a distance of 4.9 miles to be improved.

Marin County. Surfacing with crusher run base, plant-mix and applying armor coat, between Route 1 and San Quentin, about 2.4 miles.

Contra Costa County. Constructing shoulders of crusher run base and applying seal coat, between Antioch and the Borden Highway, about 16.6 miles.

Seven contracts were awarded today by the Highway Division as follows: **Griffith Company,** Los Angeles, grading Sepulveda, Los Angeles, $464,533; **Basich Bros.,** Torrance, grading Palomar Mountain Road, San Diego, $297,396; **Sheldon Oil Co.,** Suisun, applying diesel oil to roadside vegetation, four contracts aggregating $10,481; **Bradley Truck Co.,** Santa Maria, applying diesel oil to roadside vegetation, $6,678.

1936 REX EQUIPMENT CATALOGS PUBLISHED

Chain Belt Company has issued the first four of a series of new catalogs describing the 1936 line of Rex construction equipment. Catalogs now available on request to the company cover the 3½-S and 5-S mixers, 7-S and 10-S mixers, 14-S mixer and the Rex 27-E.

MONTH'S PERMITS IN U. S. CITIES 104% OVER 1935

Dun & Bradstreet Compilation Shows Best Total In Five Years

The decline in the value of building permits issued in the first month of 1936 was in accord with the usual seasonal movement for this period. The permit volume for the 215 cities of the United States reporting regularly to Dun & Bradstreet, Inc., amounted to $54,938,059 during January, as compared with $62,992,039 in December, or a decrease of 12.8 per cent. The usual seasonal decline from December to January is about 12 per cent. Last month's building total was the largest January figure recorded since 1931, and compared with $26,826,268 in the same month of 1935, or a gain of 104.8 per cent.

Permits granted in New York City last month were valued at $14,105,246, only slightly below the December aggregate, but greatly in excess of the January, 1935, figure of $5,806,663. For the 214 cities outside of New York City the total was $40,832,813, a decrease of 16.3 per cent as compared with the December value of $48,781,834, but an increase of 94.2 per cent over the $21,019,605 figure for the corresponding month of 1935.

The group changes for the December-January period were divided equally. The New England, Middle Atlantic, West Central and Pacific divisions declined, while the South Atlantic, East Central, South Central and Mountain groups showed gains. Contrast between January this year and last, however, revealed large increases in every section of the country.

Building Permit Values

(215 Cities)

	1936	1935	1934
Jan...	$54,938,059	$26,826,268	$20,825,055
Feb...	.....	27,636,367	29,326,964
Mar...	.....	45,063,852	25,505,005
April	.....	51,717,570	29,280,666
May..	.....	49,322,110	43,825,268
June..	.....	52,672,794	28,621,565
July	.....	54,191,787	33,899,650
Aug...	.....	55,536,546	34,452,738
Sept...	.....	47,479,944	26,567,925
Oct...	.....	66,965,705	37,501,122
Nov...	.....	56,276,588	27,459,066
Dec...	.....	62,992,039	21,125,723
Total	.....	$596,686,708	$348,390,747

CAPT. HULSE GETS BENTON FIELD POST

Captain Leander Larson, constructing quartermaster at Benton Field, Alameda, has been transferred to Manila, Philippine Islands, it has been announced. He will leave for his new post April 6.

Captain Larson will be succeeded as Benton Field constructing quarmaster by his assistant, Captain S. W. Hulse, who will take over his new duties March 1.

STATE LEADING U. S. AVERAGE

Building activity in California had risen to an index of 33 in December, the highest level since the upward trend started, William A. Sturm, economic statistician for the California State Chamber of Commerce, reports in an analysis of state business conditions prepared for the chamber. This figure compares with an index of 23 for the 215 cities reporting building permits to Dun & Bradstreet in December. The index used by Mr. Sturm employs 1926 business volume as a base of 100. The index for the year 1935 was 27, comparing with 14 for 1934, the low period of the depression.

Even greater improvement is indicated in the state outside the metropolitan areas of San Francisco and Los Angeles where the index is 31 for the year and 38 for December.

24 Wires Laid Simultaneously on Gate Bridge Cables

Cable spinning on the Golden Gate Bridge will be stepped up this week to make up for time lost during the past week as the result of unusual storm conditions, states Chief Engineer Jos. B. Strauss.

Prior to the last week four spinning wheels operating simultaneously had been laying 16 wires across the Golden Gate from anchorage to anchorage.

This week two additional wheels are operating with the result that 24 wires are being spun at one time.

In previous operations a record of 100 miles of cable wire an hour was attained and while it is not anticipated that this will be increased by 25 per cent as additional manual operation is involved, there will be a very substantial gain in the spinning rate.

During the height of last week's storm the chief engineer reported, the gale through the Golden Gate reached a maximum velocity of between 65 and 70 miles an hour.

As the result spinning operations were limited to two and a half days.

With five cable strands completed over each strand, spinning a sixth strand over the west walk, which should have been finished the middle of last week, was delayed.

As in the case of the cable spinning work on other units of the bridge also was delayed by the storm but is being speeded up this week in order to maintain the schedule.

Work on the Sausalito lateral was at a virtual standstill all last week.

DUE TO START DECK ERECTION ON EAST SPAN

Work on Sections West of Center Anchorage Suspended

Completion of the erection of the deck structure between Tower W-3 and Pier W-4, except for short sections at the center anchorage and TowerW-3, was announced in the weekly progress report on the San Francisco - Oakland Bay Bridge by Chief Engineer C. H. Purcell filed with Director of Public Works Earl Lee Kelly.

Hoisting machines are being moved from Tower W-3 to Tower W-5, and the next deck sections will be raised by the Columbia Steel Company between Towers W-5 and W-6 next week, the report said. Meanwhile, erection of the remaining uncompleted deck sections west of the center anchorage has been temporarily suspended.

Rapid progress in the completion of other sections of the bridge was also indicated in the report.

San Francisco

In San Francisco, the concrete girder spans between Second and Third Streets were announced as 85 per cent completed, with the "on" ramp completed except for railings. The retaining walls along Clementina Street have been completed and foundations for the crossing over Clementina Street have been placed. Healy-Tibbitts Construction Company is the contractor.

Yerba Buena Island

On Yerba Buena Island, the forms and falsework for the upper deck viaduct west of the tunnel, are being placed by the Clinton Construction Company.

East Bay Superstructure

The sixth panel of the east cantilever arm was completed during the week by the Columbia Steel Company, according to the report. This week, erection will start from the west cantilever arm. Work will continue from the east arm, with both derricks working toward the center of the suspended span.

Alameda County

Installation of heating equipment and plumbing is under way in the Administration Building. Clinton Construction Co. is the contractor.

Three additional concrete girder spans were completed during the week on the East Bay Distribution Structure in Emeryville, leaving eight yet to be completed. This structure is being erected by Barrett and Hilp.

Work has continued on side walls and base slabs at the west end of the San Pablo Avenue Subway. Excavation is under way at the east end by J. F. Knapp, contractor.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
254	Heyman	Owner	4500
255	Johnson	Owner	3000
256	Anza	Rousseau	5000
257	Thrall	Owner	1800
258	Kehor	Owner	4000
259	Wolter	Wolter	4000
260	Perego	Owner	30000
261	McCarthy	McCarthy	3250
262	Heyman	Owner	4900
263	McSweeney	Owner	1500
264	McCarthy	Owner	3250
265	Perkins	Owner	3800
266	Galvan	Wolter	5000
267	Wolter	Owner	5000
268	Land	Owner	3500
269	Land	Owner	3500
270	Wolter	Owner	4000
271	Cypress	Tassl	1000
272	Feench	Dinwiddie	2000
273	Borden	Owner	6750
274	Majori	Malloch	3000
275	Mortenson	Jensen	2000
276	Switzer	Arnott	5000
277	Stelling	Owner	12000
278	Schneider	Akard	2800
279	Baker	Mullen	1680
280	Ratelle	Delucchi	1500
281	Anderson	Papenhausen	6000
282	DeLordi	Vukicevich	3000
283	Penoat	Well	3000
284	Kelsey	Posch	1000
285	Thorinson	Owner	3500
286	Thorinson	Owner	3500
287	Thorinson	Owner	3500
288	Dunne	Owner	1000
289	Lorser	Gyorfi	3000
290	Feisel	Little	9000
291	Lachman	Electrical	1500
292	Associated	——	1800
293	Strand	Owner	8000
294	Palmer	Bienfield	12000
295	Keyston	Arthur	1000
296	Halsen	Owner	4000
297	Holden	Terry	4000
298	Pauson	Schell	5000

DWELLING
(254) E 27th AVE. 25 S Cabrillo St. One - story and basement frame dwelling.
Owner & Builder—Heyman Bros., 742 Market Street.
Architect—Not Given. $4500

DWELLING
(255) E 18th AVE. 230 N Wawona. One - story and basement frame dwelling.
Owner & Builder—S. F. Johnson, 2601 17th Avenue.
Architect—Not Given. $3,000

DWELLING
(256) W RETIRO 125 N Beach Street. One - story and basement frame dwelling.
Owner—Anza Home Building Co., 321 Kearny Street.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street. $5,000

DWELLING
(257) E VERNON 275 N Randolph. One-story frame dwelling.
Owner and Builder—H. Thrall, 1701 Grove Street.
Architect—Not Given. $1,800

APARTMENTS
(258) W SAN CARLOS 195 S 20th St. One - story and basement frame apartments.
Owner and Builder—T. Kehor 338 San Carlos.
Architect—Not Given. $4,000

DWELLING
(259) S MAYWOOD 124 W Yerba Buena. Two - story and basement frame dwelling.
Owner—Sam & Paul Wolter, 80 Fernwood.
Architect—Not Given.
Contractor—Paul A. Wolter, Jr., 80 Fernwood. $4,000

APARTMENTS
(260) NW BAY and Webster Streets. Three-story frame apartments.
Owner—Grace Perego, Inc., 176 Sutter Street.
Architect—H. C. Baumann, 251 Kearny Street.
Engineer—Jas. M. Smith, 251 Kearny Street. $30,000

DWELLING
(261) E 21st AVE. 125 S Lawton St. One - story and basement frame dwelling.
Owner—G. H. and M. E. McCarthy, 1846 Irving Street.
Architect—Not Given.
Contractor—Charles McCarthy, 1400 22nd Avenue. $3,250

DWELLING
(262) SE 27th AVE. and Cabrillo St. One - story and basement frame dwelling.
Owner & Builder—Heyman Bros., 742 Market Street.
Architect—Not Given. $4,900

ALTERATIONS
(263) 2239 JUDAH ST. Alter store and flat.
Owner and Contractor—Willliam McSweeney, premises.
Architect—Not Given. $1,500

DWELLING
(264) E 21st AVE. 100 S Lawton St. One - story and basement frame dwelling.
Owner—G. H. and M. E. McCarthy, 1846 Irving Street.
Architect—Not Given.
Contractor—Charles McCarthy, 1400 22nd Avenue. $3,250

DWELLING
(265) W 43rd AVE. 150 N Kirkham. One - story and basement frame dwelling.
Owner & Builder—E. W. Perkins, 510 Stockton Street.
Architect—C. O. Clausen, 746 46th Avenue. $3,800

DWELLING
(266) W LUNADA WAY 275 N Mercedes. Two-story frame dwelling.
Owner—Mr. Galvan, 169 Lunada Way.
Architect—Not Given.
Contractor—Paul A. Wolter, Jr., 80 Fernwood Drive. $5,000

DWELLING
(267) E FERNWOOD 125 N Brentwood. Two-story and basement frame dwelling.
Owner and Builder—Paul A. Wolter, Jr., 80 Fernwood Drive.
Architect——Not Given. $5,000

DWELLING
(268) W 20th AVE. 50 S Pacheco. One - story and basement frame dwelling.
Owner and Builder — Land Development Co., 364 Bush Street.
Architect—Not Given. $3,500

DWELLING
(269) W 20th AVE. 75 S Pacheco. One - story and basement frame dwelling.
Owner and Builder — Land Development Co., 364 Bush Street.
Architect—Not Given. $3,500

DWELLING
(270) S MAYWOOD 84 W Yerba Buena. Two - story and basement frame dwelling.
Owner and Builder—Paul A. Wolter, Jr., 80 Fernwood Drive.
Architect—Not Given. $4,000

ALTERATIONS
(271) 32 TURK ST. (Hotel Dalt). Alter hotel.
Owner—Cypress Lawn Cemetery Association, care contractor.
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market Street. $1,000

ALTERATIONS
(272) EIGHTH AVE. and Geary St Alter hospital.
Owner—French Hospital Association, 8th Ave. and Geary.
Architect—Not Given.
Contractor—Dinwiddie Const. Co., Crocker Building. $2,000

DWELLING
(273) E MONTGOMERY 46 S Greenwich Street.
Owner and Builder — F. W. Borden, 1440 Montgomery Street.
Architect—Fabre & Hildebrandt, 110 Sutter Street. $6,750

ALTERATIONS
(274) 446 CASTRO ST. Alter market.
Owner—M. Majori, 1629 Haight St.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission Street. $3,000

ALTERATIONS
(275) 1123 HARRISON Street. Alter commercial building.
Owner—H. Mortenson, % architect.
Architect—Earle B. Bertz, Monadnock Building.
Engineer—R. A. Hanson, 608 Indiana Street.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St. $2,000

DWELLING
(276) SW UPLAND and Manor Dr. One - story and basement frame dwelling.
Owner—Dr. Switzer, % contractor.
Architect—E. A. Neumarkel, % contractor.
Contractor — Jas. Arnott & Son, 633 Taraval. $5,000

MARKET
(277) S LAWTON 90 W 25th Ave. One-story frame market.
Owner—Martin Stelling Jr., 155 Montgomery Street.
Architect—Earle B. Bertz, Monadnock Bldg. $12,000

STORES
(278) W BUCHANAN 75 N North Point. One-story frame stores.
Owner—F. W. Schneider, % contractor.
Architect—R. R. Irvine, % contractor.
Contractor—W. C. Akard, 225 Cervantes Boulevard. $2,800

ALTERATIONS
(279) 241 GEARY Street. Alter store.
Owner—C. H. Baker, premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St. $1,680

ALTERATIONS
(280) 1244 GREEN ST. Alter dwelling.
Owner—J. Ratelle, 60 Russell.
Architect—Not Given.
Contractor—G. B. Delucchi, 4 Sharp Place. $1,500

DWELLING
(281) E SANTA PAULA ST. 117 S Yerba Buena Ave. Two-story and basement frame dwelling.
Owner—Dr. Edmond F. Anderson, % Contractor.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—H. Papenhausen, 595 Victoria St., San Francisco. $6000

DWELLING
(282) N COTTER ST. 325 W Mission St. One-story and basement frame dwelling.
Owner—Antony De Lordi, 880 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—Peter E. Vukicevich, 1442 Taraval St., San Francisco. $3000

ALTERATIONS
(283) NO. 55 COLUMBUS AVENUE. Alter hotel, etc.
Owner — Wm. H. Penoat, 310 Clunie Bldg., San Francisco.
Architect—Not Given.
Contractor—Well Built Homes, Inc., 519 California St. $3000

ALTERATIONS
(284) NO. 322 POST ST. Alter store
Owner—Carolyn Kelsey, Premises.
Architect—Not Given.
Contractor — Paul H. Posch Co., 101 Franklin St. $1000

DWELLING
(285) E JULES ST. 150 S De Montford St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(286) E THIRTY-FIRST AVE. 180 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(287) E THIRTY-FIRST AVE. 205 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(288) NO. 1259 FOURTEENTH AVE. Alter flats.
Owner—Isabel S. Dunne, Premises.
Architect—Not Given. $1000

ALTERATIONS
(289) NO. 1587 ELEVENTH AVE. Alter dwelling.
Owner—H. G. Lorser, Premises.
Architect—Not Given.
Contractor—S. Gyorfi, 257 Peralta St., San Francisco. $3000

DWELLING
(290) N GREEN ST. 200 W Baker. Two-story and basement frame dwelling.
Owner—E. J. Feisel Jr., % Architect.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor — M. A. Little, 107 24th Ave., San Francisco. $9000

SIGN
(291) SW FIFTH AND HARRISON Sts. Electric sign.
Owner—Lachman Bros., Premises.
Architect—Not Given.
Contractor—Electrical Products Corp. 255 Golden Gate Ave. $1500

STATION
(292) SW GROVE AND FRANKLIN Sts. Class B service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Not Awarded. $1800

FLATS
(293) W TWENTY-FIFTH AVE. 197 N Fulton St. Two-story and basement frame flats.
Owner—T. I. Strand, 670 Victoria St., San Francisco.
Architect—Not Given. $8000

ALTERATIONS
(294) NO. 775 MISSION ST. Alter store.
Owner—Palmer & Talland, % Contractor.
Architect—Albert F. Roller, % Contractor.
Contractor—D. L. Bienfield, 666 Mission St., San Francisco. $12,000

ALTERATIONS
(295) NO. 50 POST ST. Alter offices
Owner—Leib Keyston, Premises.
Architect — Kent & Hass, 525 Market St., San Francisco.
Contractor—Geo. Arthur & Sons, 16 W. Santa Inez St., San Mateo. $1000

DWELLING
(296) N ULLOA ST. 127 W Fourteenth Ave. One-story and basement frame dwelling.
Owner—A. Halsen, 2427 25th Avenue, San Francisco.
Architect—Not Given. $4000

STORE AND FLAT
(297) S JUDAH ST. 35 E 28th Ave. Two-story frame store and flat.
Owner—St. George Holden, 2901 Russ Bldg., San Francisco.
Architect—C. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wm. L. Terry, 90 Allston Way., San Francisco. $4000

REPAIRS
(298) NO. 3640 WASHINGTON ST. Repair fire damage to dwelling.
Owner—Mrs. J. W. Pauson, Premises.
Architect—Not Given.
Contractor—Fred W. Schell, 666 Mission St., San Francisco. $5000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
136	Johnson	Kesti	6600
137	Woodburn	Owner	5000
138	Syndicate	Allen	4250
139	Walker	Owner	5000
140	Warnecke	Farriger	2000
141	Lafgren	Owner	4500
142	Custer	Owner	1350
143	Accuro	Petrikis	1500
144	Pirates	Bay	1000
145	Milburn	Krafft	1700
146	Lincoln	Owner	1800
147	Dooley	Owner	4000
148	Vinderlov	Owner	3400
149	Kelley	Owner	1500
150	Stevens	Waldman	4250
151	Stedman	Rose	1000
152	Hirshberg	Daley	2500
153	Herrick	Stead	6500
154	Finkeldy	Stokes	4000
155	Louis	Owner	1000
156	Brilhante	Owner	2600
157	McKallor	Owner	4450
158	Dewey	Doty	1980
159	Prost	Lapham	7700
160	Pacific	Kulchar	3000
161	Scammell	Owner	5000
162	Alaux	Gaubert	4500
163	Mitchell	Pedersen	1000
164	Mehrtens	Haulman	4000

DWELLING
(136) NO. 968 PARK LANE, OAKLAND. Six-room dwelling.
Owner—Glenn Johnson, 1409 Santa Clara Ave., Alameda.
Architect—Not Given.
Contractor—David Kesti, 2217 Browning St., Oakland. $6600

DWELLING
(137) NO. 600 E-TWENTIETH ST., OAKLAND. Six-room dwelling.
Owner—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—Not Given. $5000

DWELLING
(138) W HAVERLINE ST. 300 E Chelton St., OAKLAND. Five-room dwelling.
Owner—Syndicate Idora Co., Ltd:, Bk. of America Bldg., Oakland.
Architect—R. A. Hutchinson.
Contractor—Allen & Allen, 3471 Laurel St., Oakland. $4250

DWELLING
(139) NO. 562 CRAGMONT AVE., BERKELEY. Two-story 6-room frame dwelling and garage.
Owner—J. M. Walker, 1709 Grove St., Berkeley.
Architect—Not Given. $5000

ALTERATIONS
140 Warnecke Farringer 2000
ALAMEDA. Alter store building.
Owner—Fred Warnecke, 548 35th St.,
Architect—Not Given.
Contractor — Farringer & Spaulding, 1511 Union St., Alameda. $2000

DWELLING
(141) 1353-55 THIRTY-SECOND ST., OAKLAND. Ten-room dwelling and one-story garage.
Owner—O. E. Lafgren, 1343 E-32nd St., Oakland.
Architect—Not Given. $4500

DWELLING
(142) NO. 4183 BENEVIDES AVE., OAKLAND. One-story 3-room dwelling.
Owner—F. V. Custer, 4189 Benevides Ave., Oakland.
Architect—Not Given. $1350

ALTERATIONS
(143) NO. 443-445 FOURTEENTH St., OAKLAND. Alterations.
Owner—John Accuro, Premises.
Architect—Not Given.
Contractor—Theo Petrikis, 2244 Taraval St., San Francisco. $1500

ALTERATIONS
(144) NO. 2114-2116 BROADWAY, OAKLAND. Alterations.
Owner—Pirate's Cave.
Architect—Not Given.
Contractor — Bay City Cabinet Co., 1074 5th St., Oakland. $1000

ADDITION
(145) NO. 1147 CLARENDON CRESCENT, OAKLAND. Addition.
Owner—John J. Milburn, Premises.
Architect—Noble and Archie Newsom
Contractor — Krafft & Patrick, 1895 San Juan St., Berkeley. $1700

STORE
(146) NO. 2234 E-TWELFTH ST., OAKLAND. One-story store.
Owner—H. Lincoln & Sons Co., 2201 E-14th St., Oakland.
Architect—Not Given. $1800

DWELLING
(147) NO. 3500 VICTOR AVENUE. OAKLAND. One-story 5-room dwelling.
Owner — Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given. $4000

DWELLING
(148) NO. 3039 KANSAS STREET, OAKLAND. One-story five-room dwelling.
Owner—C. A. Vindelov, 2318 Coolidge Ave., Oakland.
Architect—Not Given. $3400

ALTERATIONS
(149) 9506 PEACH ST., **OAKLAND.** Alterations and addition.
Owner and builder—Claude L. Kelley, 9506 Peach St., Oakland.
Architect—Not Given. $1500

DWELLING
(150) 5327 BRANN ST., **OAKLAND.** Two-story 6-room dwelling.
Owner—Mr. Stevens.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $4250

ALTERATIONS
(151) 610 OAKLAND Avenue, **OAKLAND.** Alterations and repairs.
Owner—Capt. L. B. Stedman, 610 Oak-
Architect—Not Given.
land Ave., Oakland.
Contractor—A. H. Rose, 478 25th St., **Oakland.** $1,000

SIGN
(152) 1918 PARK BLVD., **OAKLAND.** Electric sign.
Owner—A. Hirshberg.
Architect—Not Given.
Contractor—Daley Bros., 4221 Horton St., Emeryville. $2,500

STORES
(153) 3301 LAKESHORE Ave., **OAKLAND.** One-story brick stores.
Owner—S. S. Herrick.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—F. A. Stead, 3206 Boise St., Berkeley.

DWELLING
(154) 1096 SIERRA, **BERKELEY.** One-story 5-room frame dwelling.
Owner—Finkelly, 1829 San Lorenzo, Berkeley.
Architect—Not Given.
Contractor—Frank Stokes, 275 Haas Ave., San Leandro. $4,600

ALTERATIONS
(155) NO. 7865 HILLMONT DRIVE, **OAKLAND.** Alterations and addition.
Owner—H. C. Louis, Premises.
Architect—Not Given. $1000

DWELLING
(156) NO. 1820 E-TWENTY-SECOND St., **OAKLAND.** One-story five-room dwelling.
Owner — Wm. Perry Brilhante, 1822 E-22nd St., Oakland.
Architect—Not Given. $2600

DWELLING
(157) NO. 5243 MASONIC AVENUE, **OAKLAND.** One-story 7-room dwelling.
Owner—Henry T. McKallor, 2231 Caloma St., Oakland.
Architect—Not Given. $1450

TANK ENCLOSURE
(158) NO. 4000 E-EIGHTH STREET, **OAKLAND.** Concrete tank enclosure.
Owner—Dewey & Almy Chemical Co., Premises.
Architect—Not Given.
Contractor—Ed. Doty & Son, 2481 26th Ave., Oakland. $1980

DWELLING
(159) NO. 850 PARAMOUNT ROAD, **OAKLAND.** Two-story 7-room dwelling and one-story garage.
Owner—Miss Doris Prost, 2729 Bellrose Ave., Berkeley.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor — Theo. H. Lapham, 546 Kenmore Avee., Oakland. $7700

ALTERATIONS
(160) NO. 1315 BROADWAY, **OAKLAND.** Alterations.
Owner—Pacific States Savings & Loan Company
Architect—Not Given.
Contractor—S. Kulchar Co., 730 E-10th St., Oakland. $3000

DWELLING
(161) NO. 2520 CORDOVA STREET, **OAKLAND.** One-story six-room dwelling.
Owner—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5000

DWELLING
(162) NO. 4036 WATERHOUSE RD., **OAKLAND.** One-story six-room dwelling.
Owner — L. Alaux, 1954 Broadway, Oakland.
Architect—Not Given.
Contractor — Gaubert Bros., 4735 Brookdale Ave., Oakland. $4500

ALTERATIONS
(163) NO. 55 NORTHAMPTON ST., **BERKELEY.** Alteration and additions.
Owner—R. M. Mitchell, Prem.
Architect—Not Given.
Contractor—N. Pedersen, 2542 Hilgard Ave., Berkeley. $1000

DWELLING
(164) NO. 2627 OTIS DRIVE, **ALAMEDA.** One-story 6-room stucco dwelling.
Owner—C. G. Mehrtens, 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Oakland. $4000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
19	Kenyon	Jensen	21330
20	Mathews	Martin	5530
21	Tait	McCarthy	5000
22	McCarthy	Aetna	3700

DWELLINGS
(19) LOCATION Omitted. Group of houses.
Owner—Nora Kenyon, 719 Bay Street.
Architect—W. W. Wurster, 260 California Street.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street.
Filed Feb. 15, '36. Dated, Feb. 14, '36.
Frame complete $5332.50
First coat of plaster 5332.50
Bldg. accepted 5332.50
Plus ¾ known extras and credits.
Usual 35 days 5332.50
Plus remaining known extras and credits.
TOTAL COST, $21,330.00
Limit, June 15, 1936. Plans and Spec. filed.

DWELLING
(20) E GREAT HIGHWAY 337.9 S Ortega. One-story and basement frame dwelling.
Owner—Katharine D. Mathews, Monadnock Building.
Architect—Edgar A. Mathews, Monadnock Building.
Contractor—Wm. Martin, 666 Mission.
Filed, Feb. 15, '36. Dated, Jan. 28, '36
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $5,530.00
Limit, 70 working days. Plans and specifications filed.

BUILDING
(21) 335 MONCADA WAY, Ingleside Terrace. Building (not classified).
Owner—Mr. and Mrs. George P. Talt, 75 Collingwood Street.
Architect—Not Given.
Contractor—Robt. McCarthy, 1363 14th Avenue.
Filed, Feb. 15, '36. Dated, Dec. 5, '35.
When completed and accepted..$5000
TOTAL COST, $5,900
Forfeit, $5 per day. Limit, 90 working days.

DWELLING
(22) SW SANTA ROSA 200 SE Cayuga. Five-room and breakfast room dwelling with stucco front and garage under.
Owner—The McCarthy Co., 333 Kearny Street.
Architect—Not Given.
Contractor—Aetna Const. Co., 238 Arleta.
Filed Feb. 18, '36. Dated, Feb. 10, '36.
When frame is up 25%
When brown coated 25%
When completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $3,700.00
Forfeit, $1 per day. Limit, 90 working days. Plans and Spec. filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

12	Graeser	Schulz	10250
16	Herrick	Hallert	1640
17	Herrick	Stead	4929
18	Houser	Suttle	5250
19	Morse	Armstrong	20191

STORE BLDG.
(16) LOTS 155 & 156 PIEDMONT-by-the-Lakes, Oakland. Brick work for one-story steel frame store building.
Owner—S. S. Herrick.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Hallert & Kneale, 2500 65th Ave., Oakland.
Filed Feb. 13, '36. Dated Feb. 10, '36.
When completed 75%
Usual 35 days 25%
TOTAL COST, $1640
Bond, none. Limit, 2 weeks. Forfeit, $10 per day. Plans and specifications filed.

(17) ALL WORK EXCEPT BRICK work on above.
Contractor—Frank A. Stead.
Filed Feb. 13. '36. Dated Feb. 10, '36.
Concrete foundations completed ..... $1000..00
Brown plastered 1464.50
When completed 1232.25
Usual 35 days 1233.00
TOTAL COST, $4929.75
Bond, $4929.75. Surety, Great Amer. Indemnity Co. Limit, 45 days. Forfeit, $10 per day. Plans and specifications filed.

RESIDENCE
(18) CORNER THIRD and Jay Sts., Livermore. Frame and stucco residence and garage.
Owner—Mr. and Mrs. J. W. Houser, Livermore.
Architect—Paul R. Anderson.
Contractor—S. W. Suttle, Hayward.
Filed, Feb. 14, '36. Dated, Jan. 19, '36.
Roof on $1303.75
Plastered 1303.75
Completion 1303.75
Usual 35 days 1303.75
TOTAL COST, $5250.00
Limit, 75 days.

DWELLING
(19) LOTS 6 and 7 BLK A, Claremont Pines, Oakland. Two-story and basement frame dwelling and garage.
Owner—C. S. Morse, 365 Hillside Ave., Piedmont.
Architect—E. G. Bangs, 411 30th St., Oakland.
Contractor — J. R. Armstrong, 1131 Fleet St., Oakland.
Filed Feb. 18, '36. Dated, Feb. 10, '36.
10th of each month 75%
Usual 35 days 25%
TOTAL COST, $20,191.00
Forfeit, $10 per day. Limit, July 15, 1936. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Completed.

APARTMENTS Cost, $50,000
SAN FRANCISCO. NW Bay and Webster Sts.
Three-story and basement frame and stucco apartments (15 2 and 3 room apts.) flat roof, steam heating system, hardwood floors, tile baths and shower, etc.
Owner—Grace Perego, Inc., 176 Sutter St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Structural Engineer—James M. Smith, 251 Kearny St., San Francisco.
Bids will be asked in one week.

Sub-Bids Being Taken.

APARTMENTS Cost, $16,000
SAN FRANCISCO. N Taraval St. 57.6 W Twenty-fourth Ave.
Three-story and basement frame and stucco apartments (four 4-room apartments) tile and composition roofing, steel sash, canvas walls, tile baths, hardwood floors, electric refrigeration, etc.
Owner and Builder—Peter Vukicevich, 1442 Taraval St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Construction will start in about ten days.

Correction in Architect's Name.

APARTMENTS Cost, $125,000
SAN FRANCISCO. South Line Jackson St. 90 W Laguna St.
Seven-story steel frame and reinforced concrete apartment building (28 4-room apts). colored tile baths, stall showers; hardwood floors, tar and gravel roof, steam heating plant.
Owner and Builder—A Penziner, 750 Taylor St., San Francisco.
Architect — E. H. Denke, 1317 Hyde St., San Francisco.
Plans and specifications may be obtained from the architect and from the owner.

Sub-Bids Being Taken.

ALTERATIONS Cost, $10,000
SAN FRANCISCO. Washington St. near Franklin St.
Alterations and additions to apartment building (foundation work, plumbing, electrical work, painting, flooring, etc.)
Owner—J. A. Sheerin, Room 303, 110 Sutter St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Fred K. DuPuy, Room 303 110 Sutter St., San Francisco

2— BONDS

BONDS FOR SALE

EUREKA, Humboldt Co., Cal.—City of Eureka will sell bonds in amount of $65,000 on March 3 to finance construction of the municipal auditorium in Eureka, for which bids were received and recommendation made to the PWA that contract be awarded to Barrett & Hilp, 918 Harrison St., San Francisco, at $109,535.

3— CHURCHES

Low Bidder

ALTERATIONS Cont. Price, $4,375
HEALDSBURG, Sonoma Co., Calif.
Alterations to church building.
Owner—Presbyterian Church, Healdsburg.
Architect—J. I. Easterly, Healdsburg and Santa Rosa.
Low Bidder—Heitz & Witter, Healdsburg.
Contract will be awarded shortly.

Planned

CHURCH Cost, $——
SUSANVILLE, Lassen Co., Calif.
One-story church (64x34-ft.) parsonage and recreation hall.
Owner—Assembly of God Church (D. M. Huston, Pastor, 1622 Main St., Susanville).
Architect—Not Given.
Further details will be announced at a later date.

4— FACTORIES & WAREHOUSES

Planned.

WINERY Cost, $——
UKIAH, Mendocino Co., Calif.
Co-operative winery.
Owner—Group of men headed by John Gherione and E. Venturi, Ukiah.
Architect—Not Given.
Financing arrangements are now under way.

Contract Awarded.

CREAMERY Cost, $50,000
STOCKTON, San Joaquin Co., Calif. Fremont and Lincoln Streets.
One-story brick creamery.
Owner—Blue Ribbon Dairy Farms, 116 E. Oak St., Stockton.
Plans by Engineering Dept. of Owner.
Contractor—T. E. Williamson, P. O. Box 93, Stockton.

CONTRACTS AWARDED

LOS ANGELES, Cal.—Howe Bros., 1198 San Pedro St., awarded contract for plumbing to be installed in the new automobile assembly plant under construction at Santa Fe Ave. and Tweedy Blvd. for the General Motors Corp. Viking Automatic Sprinkler Co. 2715 E 12th St., has been awarded a contract for the sprinkler system. Bids for the electrical work will be opened this week and proposals for the heating equipment will be asked later. J. A. Utley, at the site, is the general contractor. Albert Kahn, New Center Bldg., Detroit, architects and engineers.

Contract Awarded

BOTTLING PLANT Cost, $50,000
BAKERSFIELD, Kern Co., Calif. 414 Nineteenth Street.
Two-story reinforced concrete bottling plant (capacity of 50,000 bottles daily).
Owner—Coca Cola Bottling Company.
Architect—Charles H. Biggar, Haberfelde Building, Bakersfield.
Contractor—Henry Eissler, 2229 18th St., Bakersfield.

Steel Contract Awarded.

ALTERATIONS Cost, $10,000
SAN FRANCISCO. W Folsom Street bet. 16th and 17th Sts.
Alterations to manufacturing bldg.
Owner—Reliance Truck & Trailer Co., 2765 16th St., San Francisco.
Engineer—P. L. Balser, 1750 Army St., San Francisco.
Steel—Soule Steel Co., 1750 Army St.
Plumbing—Scott Co., 243 Minna St., San Francisco.
As previously reported, concrete contract awarded to L. Sartorio, 2627 Lombard St.

Sub-Contracts Awarded.

ALTERATIONS Cost, $10,000
EMERYVILLE, Alameda Co., Calif. Park and Hubbard Streets.
Alterations to concrete warehouse (work involves masonry, painting, concrete, reinforcing steel, structural steel, electric, plumbing, excavation and bulkhead, etc.)
Owner—American Trust Co., 464 California St., San Francisco.
Engineer — Wm. Adrian, 417 Market St., San Francisco.
Contractor—Fred DuPuy, 110 Sutter St., San Francisco.
Structural Steel—Western Iron Wks., 141 Beale St., San Francisco.
Concrete—Nat Lena, 1174 19th Street, Oakland.
Trucking—R. A. Conyes, 1043 38th St., Oakland.
Sprinkler System—R. D. Feary, 1075 40th St., Oakland.
Electric—T. L. Rosenberg, 411 Webster St., Oakland.
Steel Forms — Steelform Contracting Co., 688 Harrison St., San Francisco.
Lumber—E. K. Wood Lumber Co., 5th and Magnolia Sts., Oakland.
Wrecking—McGuire & Hester, 1331 E. 33rd St., Oakland.

Bids Wanted — To Close March 2, 4:30 P. M.

SHED EXTENSION Cost, $85,000
OAKLAND, Alameda Co., Calif. Outer Harbor.
Structural steel frame for extension to Transit Shed No. 2 (270-foot northerly extension) steel and concrete construction.
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Plans and specifications for structural steel frame may be obtained from above office upon deposit of $25.
Bids on other portions of the work will be asked shortly.

Electrical Contract Awarded

FACTORY Cost, $50,000
NAPA, Napa Co., Calif. Soscol Ave.
One-story Class C factory (100x400 ft.) concrete walls, wood interior skylights, etc.
Owner—Rough Rider Mfg. Co. (Nathan Rothman, Prop.) 175 12th St. San Francisco.
Engineer—W. W. Hanscom, 848 Clayton Street, San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
Electric—Earl G. Wilson, Napa.

Construction Started.

ADDITION Cost, $——
LOS GATOS, Santa Clara Co., Calif. Daves Avenue.

Addition to fireworks plant (wooden frame work with galvanized iron sheeting).
Owner—Pacific States Fireworks Co.
Plans by Owner.
Contractor—A. M. Jensen, 300 Santa Cruz Ave., Los Gatos.

5— FLATS

Plans Being Figured—Bids Close Feb. 24th, 2 P. M.
FLATS Cost, $——
SAN FRANCISCO. Ocean Ave. and Westgate.
Seven two-story and basement frame and stucco flat buildings (4- and 5-rooms) terra cotta tile roofs, gas heating systems, hardwood floors, tile baths, etc.
Owner—M. Nelson.
Architect—H. C. Baumann, 251 Kearny Street.
Fred. DuPuy, 110 Sutter Street, is figuring the plans.

6—GARAGES & SERVICE STATIONS

February 18, 1936
Plans Being Prepared
SERVICE STATION Cost, $——
VALLEJO, Solano Co., Calif. NE Marin and Capitol Streets.
New service station.
Owner—Shell Oil Co., Shell Building, San Francisco.
Plans by Engineering Dept. of Owner

Low Bidder
SERVICE STATION Cost, $2,500
NEAR STOCKTON, San Joaquin Co., Calif. Outside city limits.
Steel service station.
Owner—General Petroleum Corp., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Low Bidder—F. C. Stolte, 3449 Laguna Ave., Oakland.

Grading Contract Awarded.
GARAGE Cost, $2000
EL CERRITO, Contra Costa Co., Cal.
One-story concrete, frame and stucco garage (46x25 feet); steel sash, composition roof; concrete floors, etc.
Owner—Chung Mei Home, El Cerrito.
Architect—Fred Reimers, 233 Post St., San Francisco.
Contractor—Fred DuPuy, 110 Sutter St., San Francisco.
Grading—W. H. Watkins, El Cerrito.

7— FEDERAL BUILDINGS

BIDS WANTED
PEARL HARBOR, T. H.—Until March 11, 11 A. M., bids will be received by Public Works Officer, 14th Naval District, Pearl Harbor, T. H., for construction of twenty-five quarters at Ford Island near Pearl Harbor; Spec. No. 8113.
Plans and specifications may be obtained from above office and from the Commandant, 12th Naval District, 100 Harrison St., San Francisco, upon deposit of $25.00.

BIDS WANTED
PRESCOTT, Ariz.—Until March 2, bids will be received by the Treasury Department, Washington, D. C., for decorative painting at the U. S. post office at Prescott.

Contract Awarded.
POST OFFICE Cont. Price, $341,600
SANTA BARBARA, Cal. Canyon Perdido and Anacapa Streets.
Two-story and basement Post Office building (170x170 feet) reinf. concrete and steel construction, shingle tile roof, tile floor, marble walls in lobby, metal skylights, vaults, steam heat, service elevator, pavement in courtyard, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Consulting Engineer—R. D. Johnson, Architects' Bldg., Los Angeles.
Contractor—Sarver & Zoss, Inc., 1015 W. Fourth St., Los Angeles.

BIDS OPENED
LA JOLLA, San Diego Co., Calif.—J. Kressfeld, Washington, D. C., submitted low bid to Procurement Division at $157 for brass hand rails for the U. S. post office building in La Jolla. A. J. Bayer Co., Los Angeles, submitted second low bid at $159.

BIDS WANTED
PRESCOTT, Ariz.—Until March 2, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for decorative painting at the U. S. post office in Prescott.

BIDS WANTED
MEDFORD, Ore. — Bids are being received by the Custodian, U. S. Post Office, Medford, for repairs to parapet wall at the Medford post office.

BUILDING MATERIALS APPROVED
VAN NUYS, Los Angeles Co., Cal.—Treasury Department approved the following building material and equipment awards for the construction of the Van Nuys Post Office. V. O. Brunzell and Alex Jacobson, Los Angeles, general contractors:
Panel boards, W. A. Benjamin Co.; r.c. wire, Simplex Wire & Cable Co.; receptacles and flush switches, Bryant Elec. Co.; lighting fixtures, Plume & Atwood Co.

BIDS OPENED
NOGALES, Ariz.—Western Wire & Iron Works, Chicago, submitted low bid to Procurement Division Feb. 12, at $385.00, for furnishing pipe rails, gates and window grilles for U. S. Inspection Station at Nogales. A. J. Bayer Co., Los Angeles, submitted second low bid at $395.

Sub-Contracts Awarded.
POST OFFICE Cont. Price, $70,430
MADERA, Madera Co., Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect Treasury Dept., Washington, D. C.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Roofing—Bush Roofing Co., San Jose.
Plumbing—Scott Co., 243 Minna St., San Francisco.
Electric Wiring — American Electric Co., 462 Bryant St., San Francisco
Heating—Scott Co., 243 Minna Street, San Francisco.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Tile Work—American Art Tile & Mantel Co., 221 Oak St., San Francisco.
Glass—W. P. Fuller & Co., Fresno.
Iron Grille Work — Washington Iron Works, Los Angeles.
Brick Work—Harry Drake, 666 Mission St., San Francisco.
Lathing and Plastering—M. E. Summers, Fresno.
Steel Sash—Fire Protection Products Co., 1101 16th St., San Francisco.
Wood Sash—Pacific Mfg. Co., Santa Clara.
Hardware—Sargent & Co.
Painting—A. A. Zelinsky, 3011 Steiner St., San Francisco
Concrete Materials — Valley Feed & Fuel Co., Madera.
Flooring—Regal Floor Co., 490 Brannan St., San Francisco.
Evcavation—R. W. Brown, Madera.
Reinforcing Steel—Kyle & Co., Fresno
Structural Steel—Kyle & Co., Fresno.

LOW BIDDER
LONG BEACH, Los Angeles Co., Cal.—Arthur M. Gelden, Chicago, Ill., at $1132 submitted low bid to Treasury Department, Washington, D. C., for painting plaster, etc., in the Long Beach Post Office. Second low bid was submitted by Patterson Bros., Oakland, at $1140. Bids held under advisement.

Sub-Contracts Awarded
POST OFFICE Cont. Price, $92,850
SALINAS, Monterey Co., Cal. West Alisal, Howard, Church and Lincoln Streets.
One - story reinforced concrete post office (140x60 ft.) tile floors in lobby, ornamental wainscoting.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Roofing—Frost Roofing Co., Salinas.
Plumbing—Scott Co., 243 Minna St., San Francisco.
Electric Wiring—American Elec. Co., 462 Bryant St., San Francisco.
Heating—Scott Co., 243 Minna Street, San Francisco.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Tile Work—Frost Roofing Co., Salinas
Glass—W. P. Fuller & Co., San Jose.
Iron Grille Work—Anchor Post Fence Co., 460 5th St., San Francisco.
Lathing and Plastering—A. Knowles, 982 Bryant St., San Francisco.
Wood Sash—Pacific Mfg. Co., Santa Clara.
Hardware—Sargent Co., Oakland.
Painting—A. A. Zelinsky, 3011 Steiner St., San Francisco.
Concrete Materials — Central Supply Co., Salinas.
Flooring—Regal Floor Co., 490 Brannan St., San Francisco.
Marble—Westco Co., Santa Ana.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Streets, San Francisco.
Structural Steel—Golden Gate Iron Works, 1541 Howard Street, San Francisco.

Sub-Bids Wanted.
ALTERATIONS Cost, $2500
ALAMEDA, Alameda Co., Cal. Lincoln and Verdi Avenues.
Alterations to residence (one 7-room flat and two 4-room apts.) hardwood flooring, individual gas heaters, painting, plumbing, etc.
Owner—Withheld.
Plans by Cyril Doane (Wal. 6291).
Sub-bids are wanted on all portions of work. Construction is to start March 2.

8— CLUB BUILDING

Plans Being Prepared.
CLUB BLDG. Cost, $50,000
FRESNO, Fresno Co., Cal. Tuolumne and N Streets.
Two-story club building (gymnasium, social rooms, locker rooms, steam rooms, administration offices, kitchen, showers, storage rooms.
Owner—Y. M. C. A.
Architect—Rafael Lake, Pacific Southwest Bldg., Fresno.
A drive is now under way to raise funds.

Plans Completed
MARKET Cost, $15,000
SAN FRANCISCO. S Lawton 90 W 25th Avenue.
One-story frame and stucco market.
Owner—Martin Stelling Jr., 155 Montgomery Street.
Architect — Earle B. Bertz, Monadnock Building.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN MATEO, San Mateo Co., Calif.

Twentieth Avenue.
Alterations to club.
Owner—Gynkana Club.
Architect—Not Given.
Contractor—I. W. Coburn, 2048 Market St., San Francisco.

9— HOSPITALS

CONTRACT AWARDED

SANTA ANA, Orange Co., Calif.—L. R. Wilson, Box 1193, Santa Ana, awarded contract by Orange County supervisors at $38,425 (subject to P W A approval) for construction of a one-story tuberculosis sanitarium at Orange county hospital. M. E. Durfee, architect.

Sub-Contracts Awarded.
HOSPITAL Cont. Price, $82,642
RED BLUFF, Tehama Co., Calif.
One-and two-story and large basement hospital (concrete exterior walls, wood floors, wood roof construction with composition covering, steam heating plant, etc.
Owner—County of Tehama.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor—C. H. Dodd, 1660 W. Walnut St., Stockton.
Roofing — San Joaquin Lumber Co., Stockton.
Plumbing—M. R. Carpenter, Sacramento.
Electric Wiring—Cox Electrical Co., Red Bluff.
Heating and Sheet Metal—M. R. Carpenter, Sacramento.
Tile Work—H. P. Fischer Tile & Marble Co., Sacramento.
Glass — Union Planing Mill, Stockton
Iron Grille Work—Alling Iron Works, Sacramento.
Lathing and Plastering — O'Connor Bros., Red Bluff.
Lumber — Sterling Lumber Co., Red Bluff.
Steel Sash—Union Planing Mill, Stockton.
Painting—Jos. J. Burdon, Richmond.
Wood Sash — Union Planing Mill, Stockton.
Marble—H. P. Fischer Tile & Marble Co., Sacramento.
Reinforcing Steel—Truscon Steel Co., 1750 Army St., San Francisco.

BIDS WANTED

SAN FRANCISCO—Until February 27, 10 A. M., (date changed from Feb. 26) bids will be received by the Custodian, U. S. Marine Hospital, 14th Ave. and Lake St., for interior and exterior painting of buildings at the Marine Hospital. Work includes certain interior painting of main buildings No. 1 and exterior painting of buildings Nos. 1, 6, 7, 9, 10 and 16.

Specifications may be obtained at Room 113, Marine Hospital.

No bid will be considered unless specifications are returned with the bid when submitted.

BIDS WANTED

SAN FRANCISCO—Until February 25, 10 A. M., bids will be received by Custodian, U. S. Marine Hospital, 14th Ave. and Lake St. for new floor in Building No. 12 at the Marine Hospital.

Specifications may be obtained from Room 113, Marine Hospital.

Construction Started.
ADDITION Cost, $25,000
OROVILLE, Butte Co., Calif.
Additions and alterations to county hospital (capacity of 60 beds; first unit) reinforced conc. construction
Owner—County of Butte.
Architect — George Sellon, California State Life Bldg., Sacramento.
Materials will be purchased by the WPA and the County.

Preparing Preliminary Plans.
HOSPITAL Cost, $175,000
OAKLAND, Alameda Co., Cal. Foothill Blvd. and County Road.
Replace wards K, L, 2 and 3 at the Fairmount Hospital.
Owner—County of Alameda.
Architect — W. G. Corlett, Bank of America Bldg. Oakland.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. Eighth Ave. and Geary St.
Owner—French Hospital Assn.
Architect—Not Given.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.

Bids Opened
HOSPITAL Cost, $55,000
VISALIA, Tulare Co., Calif. Mineral King Avenue and Baker Street.
One-story brick hospital.
Owner—City of Visalia.
Architect—E. J. Kump, Rowell Bldg., Fresno.
Low Bidder—R. W. Brown, 118 South Kay Street, Madera.
Complete bids follow:

R. W. Brown, Madera	(1)	$51,810
	(2)	49,340
Fisher & McNulty, Fresno	(1)	$54,998
	(2)	52,671
Harris Const. Co., Fresno	(1)	$55,663
	(2)	52,980
Trewhitt-Shields & Fisher, Fresno	(1)	$55,990
	(2)	53,158
Frank J. Reilly, S. F.	(1)	$56,331
	(2)	52,831

Bids held under advisement.

Contract Awarded.
HOME Cont. Price, $40,595
WEED PATCH, Kern Co., Calif.
Old Folks Home.
Owner—County of Kern (F. E. Smith, County Clerk), Bakersfield.
Architect—Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.
Contractor—Opperman & Kampe, Box 414, Station A, Bakersfield.
Complete bids published Jan. 9.

Plans Being Completed
HOSPITAL Cost, $75,000
CHICO, Butte Co., Calif.
One-story reinforced concrete community hospital.
Owner—Chico Community Hospital.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Bids will be asked in about 2 weeks.

10— HOTELS

Preparing Working Drawings.
ALTER HOTEL Cost, $65,000
MERCED, Merced Co., Calif. M St.
Alterationse to El Capitan Hotel (3-story structure) new lobby, painting, decorating, etc.
Owner—El Capitan Hotel (Stanley S. Simonson, Owner).
Architect—Kent & Haas, 552 Market St., San Francisco.

Sub-Contracts Awarded
ALTERATIONS Cost, $20,000
WATSONVILLE, Santa Cruz Co., Cal. Wall Street and Van Ness Ave.
Alterations to Appleton Hotel.
Architect—A. W. Story, Pajaro Valley Bank Building, Watsonville.
Tile Work—Robert Hushbeck.
Plumbing—Tom Alton.
Wiring—Central Electric Company.
Carpentry—Timothy & Hunter.
Painting and Papering — Watsonville Paint & Wallpaper Store.
All of Watsonville.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 55 Columbus Avenue.
Alterations to hotel.
Owner—Wm. H. Penoat, 310 Clunie Bldg., San Francisco.
Architect—Not Given.
Contractor — Well Built Homes Inc., 519 California St., San Francisco.

To Ask Bids Within Few Days
ALTER HOTEL Cost, $65,000
MERCED, Merced Co., Calif. M St.
Alterations to El Capitan Hotel (3-story structure) new lobby, painting, decorating, etc.
Owner—El Capitan Hotel (Stanley S. Simonson, owner).
Architect—Kent and Haas, 525 Market St., San Francisco.

11—ICE AND COLD STORPLANTS

LOW BIDDER

SAN DIEGO, Cal.—West Coast Gas Engine Co., 312 W Market Street, San Diego, submitted low bid to 11th Naval District at $466.40 for improving refrigerating plant at the Naval Operating Base (Marine Corps Base) San Diego; Spec. No. 8140. 1

Sub-Contracts Awarded.
COLD STORAGE PLANT $20,000
EUREKA, Humboldt Co., Calif.
Cold storage plant.
Owner—Eureka Ice & Cold Storage Co., Third and B Sts., Eureka.
Plans by Engineering Dept. of Owner.
Contractor — Halsby & Lax, 324 F St., Eureka.
Roofing—F. A. Mathews & Son.
Plumbing—Moore & Cook Co.
Electric Wiring—Home Electric Co.
Sheet Metal—Moore & Cook Co.
Glass—George Jacobs Co.
Lumber—Dolbeer & Carson Lumber Company.
Wood Sash—George Jacobs.
Hardware—H. H. Buhne Co.
Painting—Neilson Bros.
Reinforcing Steel — Eureka Boiler Works.
Structural Steel—Eureka Boiler Wks.
All of Eureka.

12— POWER PLANTS

CONSTRUCTION STARTED

BRAWLEY, Imperial Co., Cal.—The Imperial Irrigation District has started work on the construction of the $35,000 Diesel power stand-by power plant at Brawley.

Application has been made by the district for government loans amounting to more than $1,000,000 to carry out further plans in the building of the district's power system. 2

COMPLETE BIDS

BONNEVILLE, Ore.—Westinghouse Electric Co., 802 Lloyd Bldg., Seattle, submitted apparent low bids at $11,873 on Schedule A-1; $11,500 Schedule A-2; $12,662 on Schedule B-1; $12,307 on Schedule B-2, to the U S. Engineer Office, Second Portland District, Lt. Colonel C. F. Williams, District Engineer, Portland, under Bid No. 694-36-235, for furnishing and installing two electric elevators, complete with hoistway doors, in the powerhouse at Bonneville Dam.

Other bidders were:

Otis Elevator Co., S. F.	(a1)	$12,590
	(b1)	13,270
	(a2)	12,035
	(b2)	12,690
Pacific Coast Elevator Co., Los Angeles	(a1)	$13,100
	(b1)	13,350
	(a2)	12,884
	(b2)	13,134

Bids held under advisement.

BIDS WANTED

PEARL HARBOR, T. H. — Until March 25, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for remodeling substation

building and for electrical equipment at the Navy Yard, Pearl Harbor. Spec. No. 8051. Estimated cost, $145,000.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Construction Started

ATERATIONS Cost, $10,200
OROVILLE, Butte Co., Calif.
Alterations and additions to Exposition building (plastering exterior, painting, hardwood floors, new windows, etc.)
Owner—City of Oroville.
Engineer—S. J. Norris, City Engineer, Oroville.
Work is being financed with WPA funds.

Bids Opened

RESEARCH LAB. Cost, $——
CARSON CITY, Nevada.
Materials and research laboratory.
Owner—State of Nevada.
Plans by Robt. A. Allen, Carson City.
Only bid was submitted by J. C. Dillard, Box 356, Reno, at $27,826.
Complete bid follows:
(a) deduct for omitting steel joists, $1168;
(b) deduct for sub. steel sash for chrome steel, $1,000;
(c) deduct for omitting curbs & gutters, $254;
(d) deduct for sub. steel form chromium in doors, $100;
(e) deduct for omitting conc. ornaments, $100;
(f) add for sub. floor tile for linoleum, $58;
(g) add for sub. tile wainscot for plaster, $168.

BIDS WANTED

OAKLAND, Cal.—Until Feb. 28, 9 P. M., bids will be received by John B. Kaiser, Secretary, Board of Library Directors, Main Library, 14th and Grove Streets, for remodeling and modernizing heating system at Golden Gate Free Library, located at 56th and San Pablo Ave. and the Twenty-Third Avenue Branch, located at 1449 Miller Ave., Oakland.
Plans and specifications may be obtained from above office.

Planned.

FIRE HOUSE Cost, $——
DUNSMUIR, Siskiyou Co., Calif
One-story reinforced concrete firehouse (32 feet square).
Owner—City of Dunsmuir.
Architect—Not Given.
Application will be filed with the WPA.

BIDS OPENED

SAN JOSE, Santa Clara Co., Calif. —Fred E. Turner Co., 557 Market St. San Francisco, at $10,275 submitted low bid to San Jose City Council for furnishing and installing stage equipment in the San Jose Auditorium building, located at Market and San Carlos Streets, San Jose.
Plans and specifications may be obtained from Architects Binder & Curtis, 35 West San Carlos Street, San Jose.
Complete bids follow:
Fred E. Turner Company, San Francisco, $10,275.
General Seating Co., San Francisco, $10,535.
Western Seating Studio, San Francisco, $12,259.
Bids held under advisement until February 24.

Bids Opened

COURT HOUSE Cost, $400,000
SALINAS, Monterey Co., Calif. Site of Old County Courthouse (Cayuga Street).
Three - story reinforced concrete fireproof courthouse (reinf. concrete foundations, steam heating plant, gas fired boilers, temperature control, composition roof, etc.)
Owner—County of Monterey.
Architect—Robert Stanton, Del Monte Hotel, Del Monte, and Chas. Butner, 51 Maple St., Salinas.
Engineer—Richard Ware, care Architect.
Mechanical Engineer—G. M. Simonson 74 Montgomery Street, San Francisco.
Low Bidder—Barrett & Hilp, 918 Harrison St., San Francisco.
Complete bids follow:
(1) deduct for omitting electrical fixtures;
(2) deduct for omitting fire alarm equipment;
(3) ded. for omitting electric clock and wiring;
(4) add for furnishing venetian blinds;
(5) deduct for omitting mastipave flooring;
(6) deduct for electric temperature control, for pneumatic;
(7a) deduct for omitting pneumatic temperature control in parts;
(7b) deduct for omitting electric temperature control in parts;
(8) deduct for omitting No. 2 boiler and feed pump;
(9) deduct for omitting lavatory fixtures as designated;
(10) deduct for omitting partitions as designated;
(11) deduct for omitting vault doors;
(12) deduct for substituting interior finish materials;
(13) deduct for omitting demolition of old building;
(14) deduct for omitting miscellaneous items of work as designated.
The complete bids were:
(A) Barrett & Hilp, San Francisco, $476,427.00.
(B) H. Mayson, Los Angeles, $495,453.
(C) P. J. Walker Co., San Francisco, $517,691.
(D) C. L. Wold, San Francisco, $522,129.00.
(E) Carl N. Swenson, San Jose, $522,169.00.

	(A)	(B)	(C)	(D)	(E)
(1)....	$3,600	$3,900	$5,021	$4,076	$4,825
(2)....	1,400	1,350	1,379	1,300	1,350
(3)...	1,025	900	958	1,100	1,000
(4)....	1,750	5,470	1,917	2,867	1,800
(5)....	2,000	2,400	2,451	454	1,892
(6)....	1,000	.....	.....	.....	.....
(7a)....	3,000	2,500	2,757	2,999	2,625
(7b)....	2,000	.....	.....	.....	.....
(8)....	2,200	1,300	1,652	2,122	1,500
(9)....	570	840	580	565	1,723
(10)	12,000	10,900	14,978	11,928	12,575
(11)....	3.700	3,650	3,905	3,665	3,975
(12)....	1,200	4,000	3,835	3,640	3,055
(13)....	4,000	4,200	3,942	4,000	3,700
(14)....	14,600	12,500	13,421	16,933	12,966

Recommendation made to PWA that contract be awarded to Barrett and Hilp at $424,432.

Construction Started.

MUSEUM Cost, $2000
LAKEPORT, Lake Co., Calif. Forbes and Third Streets.
One-story reinforced concrete museum
Owner—County of Lake.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Project being financed with PWA funds.

Plans Completed

LIBRARY & HALL Cost, $19,000
PALO ALTO, Santa Clara Co., Calif. Mayfield District.
One - story branch library and assembly hall (frame and stucco construction, terra cotta tile roof, gas floor furnaces, radiator, Oregon pine floors, steel sash, etc.)
Owner—City of Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
City Council has appropriated $19,000 to finance construction. Bids will be asked shortly.

Construction Started.

CITY HALL Cost, $20,000
NEVADA CITY, Nevada Co., Calif.
One-story reinf. concrete city hall.
Owner—City of Nevada City.
Architect — George Sellon, California State Life Bldg., Sacramento.
Materials will be purchased by the WPA and the County.

BIDS OPENED

SAN FRANCISCO. — Mission Concrete Co., 272 Turk St., at $5,200 submitted low bid to the Department of Public Works for concrete and masonry work at the San Francisco War Memorial Court on block bounded by Van Ness Ave., Grove, Franklin and McAllister Streets.
Complete bids follow:
(1) deduct for using brick in lieu of tile in all walks.

Mission Concrete Co.	$5,200	
	(1)	400
H. L. Petersen	$5,450	
	(1)	599
Frank J. Reilly	$6,331	
	(1)	500
O. Monson	$7,858	
	(1)	609
A. Nelson, Inc.	$8,495	
	(1)	600

Bids held under advisement.

Bid Opening Date Postponed Until March 4, 7:30 P. M.

CITY HALL Cost, $52,727
LINDSAY, Tulare Co., Calif.
City hall, tennis courts, playgrounds.
Owner—City of Lindsay.
Architect—F. L. Swartz, Brix Bldg., Fresno.
Date was previously set for Feb. 29.

Working Drawings Awaiting Approval

CITY HALL Cost, $152,000
SAN LEANDRO, Alameda Co., Calif.
Two - story reinforced concrete city hall (10 offices, quarters for police and fire department, city council chambers, etc.)
Owner—City of San Leandro.
Engineer—John Carl Thayer, City Engineer, San Leandro.
Architect—E. P. Whitman, Los Gatos.
Working drawings are awaiting approval of the WPA. Material bids will be asked shortly.

14— RESIDENCES

Sub-Bids Being Taken.

RESIDENCE Cost, $4,500
SAN FRANCISCO. Texas and 18th Streets.
One - story and basement frame and stucco residence (five rooms) tile and composition roofing, gas heating system, hardwood floors, wood sash, etc.
Owner and Builder—J. Carlson, 2239 Bryant Street.
Architect—D. E. Jaekle, 126 Post St.

Owner Taking Bids

RESIDENCE Cost, $10,000
FRESNO, Fresno Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) English style; shake roof, gas heating system, wood sash, hardwood floors, tile baths, tile kitchen, canvas walls over wallboard in interior, etc.
Owner—J. G. Porter, 177 Blackstone, Fresno.
Architect—Not Given.

Contract Awarded

RESIDENCE Cost, $20,191
OAKLAND, Alameda Co., Cal. Claremont Pines, Blk. A, Lots 6 and 7.
Two - story and basement frame and stucco residence.

Owner—C. S. Morse, 365 Hillside Ave., Piedmont.
Architect—E. G. Banks, 411 38th St., Oakland.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $12,000
SAN FRANCISCO. N Green St. 200 W Baker St.
Two-story and basement frame and stucco residence.
Owner—E. J. Feisel Jr.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor — M. A. Little, 107 24th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $3700
SAN FRANCISCO. SW Santa Rosa Ave. SE Cayuga St.
One-story and basement frame and stucco residence (5 rooms).
Owner — McCarthy Co., 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor—Aetna Constr. Co., 238 Arleta St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. E Thirty-first Ave. S Vicente St.
Two one-story and basement frame and stucco residences.
Owner and Builder—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. E Jules St. S De Montford St.
One-story and basement frame and stucco residence.
Owner and Builder—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given.

To Ask Bids February 24.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Montclair Highlands Extension.
Two-story frame and stucco residence (six rooms and recreation room); English style, shake roof, gas heating system, hardwood floors, etc.
Owner—Syndicate Merriewood.
Architect — Earl MacDonald, 3812 Broadway, Oakland.

Plans Being Prepared.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. Thirtieth Ave. & Vicente Street.
Three one-story and basement frame and stucco residences (5 rooms each) tile and composition roofing, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Henry Horn.
Architect—D. E .Jaekle, 126 Post St., San Francisco.
Contractor—G. W. Morris, 730 Athens St., San Francisco.

Contract Awarded
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Montclair Acres.
Two-story frame and stucco residence
Owner—Dr. Willard C. Fleming, Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — A. Frederick Anderson, 1093 Longridge Road, Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $7000
STOCKTON, San Joaquin Co., Calif. No. 960 Bristol Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—Arthur Glick, 1422 No. Baker St., Stockton.
Architect—Not Given.
Contractor—C. I. Carlson, 807 North Madison St., Stockton.
Roofing—Noble Brown.
Plumbing—W. T. Jack.
Electric Wiring—Eddy Electric Co.
Heating and Sheet Metal—L. Pankin.
Tile Work—Stockton Tile Co.
Glass—Fuller Paint Co.
Brick Work—Wm. Stirm.
Lathing and Plastering—David Perry
Lumber—Stockton Lumber Co.
Steel Sash—W. Fenwick.
Hardware—Austin Brothers.
Painting—Dont Brothers.
Flooring—McLean Combpany.
All of Stockton.

Plans Being Figured—Bids Close Feb. 27th.
RESIDENCE Cost, $6500
SALINAS, Monterey Co., Calif.
One-story and basement frame and stucco residence (6 rooms, 1 bath and extra lavatory) tile roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Sam Pierce.
Architect—Charles Butner, 51 Maple St., Salinas.

Cement Contract Awarded
RESIDENCE Cost, $16,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and brick residence
Owner—Dr. E. Weiss, Palo Alto.
Architect—J. K. Branner, 210 Post St., San Francisco.
Cement—A. C. Petersen, 1247 Stanford Ave., Palo Alto.
General contract will be awarded shortly.

Plans Being Figured—Bids Close Mar. 24th.
RESIDENCE Cost, $7000
HAYWARD, Alameda Co., Calif.
Two-story frame and stucco residence (shingle roof, steel sash, hardwood floors, gas heating system.)
Owner—Dr. Scribner.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Construction Postponed Indefinitely
RESIDENCE Cost, $——
ALAMEDA, Alameda Co., Calif. San Jose Avenue.
Two-story frame and stucco residence (7 rooms) shingle roof, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—Kent and Hass, 525 Market St., San Francisco.

Low Bidder.
RESIDENCE Cost, $14,000
SAN RAFAEL, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) tile roof, gas or oil heating system, hardwood floors, tile baths, etc.
Owner—Talbot Anderson.
Architect—Archie and Noble Newsom, Russ Bldg., San Francisco.
Low Bidder—Jensen & Pedersen, 3443 Adeline St., Oakland.

Sub-Bids Wanted.
RESIDENCE Cost, $6500
SAN FRANCISCO. Forest Hill.
Two-story frame and stucco residence (5 rooms) composition shingle roof gas heating system, hardwood floors, tile baths, wood sash, etc.
Owner—Wm. Ohms, 3331 21st Street, San Francisco (Val. 5119).
Sub-bids wanted on all portions of the work.

To Be Done By Day's Work.
RESIDENCE Cost, $5500
SAN MATEO, San Mateo Co., Calif. Lot 6 Blk 4, Delmar Way.
One-story and basement frame and stucco residence.
Owner and Builder — San Mateo Investment Co., 2562 El Camino Real San Mateo.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Calif. Lot 4 Blk 7, Seville Way.
Two-story frame and stucco residence
Owner and Builder—Allan McIntyre, 446 Highland Ave., San Mateo.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Cal.
One-story and basement frame and stucco residence.
Owner and Builder—C. H. Harger, 415 E. Santa Inez St., San Mateo.
Architect—Not Given.

Preparing Sketches
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. Taylor Gardens.
Two-story frame and stucco residence (9 rooms, 4 baths) tile roof, hot water heating system, tile baths, steel sash, hardwood floors, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Preparing Plans
RESIDENCE Cost, $11,000
PIEDMONT, Alameda Co., Cal. Scenic Avenue.
Two-story frame and stucco residence (10 rooms, 5 baths) shingle roof, gas heating system, oak plank floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two-story frame and stucco residence (8 rooms, 3 baths) shake roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Dr. Haig Mitchell.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

Owner Taking Bids
RESIDENCE Cost, $6,000
BERKELEY, Alameda Co., Calif. Virginia Street.
Two-story frame and stucco residence (six rooms).
Owner—J. Koferd.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Preparing Plans
RESIDENCE Cost, $14,000
KENTFIELD, Marin Co., Calif.
Two-story frame, stucco and brick veneer residence (11 rooms and 6 baths).
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Cal. Rockridge.
Two-story frame and stucco residence (six rooms).
Owner—Mr. Pfaffenberger.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded.
COTTAGES Cost, $4000
STOCKTON, San Joaquin Co., Calif. Six miles out of city on Cherokee Lane.
Two 1-story guest cottages (2 rooms each) shingle exterior, shingle roof, gas heaters, ets.
Owner—Mr. Hatch.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Contractor—Ira Cotner, Modesto.

Contract Awarded
RESIDENCE Cost, $9,000
SAN MATEO, San Mateo Co., Calif. 428 Fairfax.
Two - story and basement frame and stucco residence.
Owner—E. E. Collins, 2331 Poppy Dr., Burlingame.
Architect—Not Given.
Contractor—C. K. Holt, premises.

Sub-Contracts Awarded.
RESIDENCE Cost, $8000
SAN JOSE, Santa Clara Co., Calif. No. 1297 University Avenue.
Two - story frame and stucco residence (7 rooms).
Owner—E. S. Lewis, 1295 Sierra Ave., San Jose.
Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.
Contractor—W. H. Schwartz, 521 S. Eighth St., San Jose.
Plumbing—Peabody's Peerless Plumbing Co., 1417 The Alameda, San Jose.
Heating—California Sheet Metal Wks. 357 W. San Carlos St., San Jose.
Mill Work—McElroy-Cheim Co., 1450 The Alameda, San Jose.
Concrete — J. C. Bateman, Roberts Ave., San Jose.
Reinforcing Steel—San Jose Steel Co., 1344 The Alameda, San Jose.
Sheet Metal—California Sheet Metal Works, 357 W. San Carlos St., San Jose.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 1587 Eleventh Avenue.
Alterations to residence.
Owner—H. G. Lorser, Premises.
Architect—Not Given.
Contractor—S. Gyorfi, 257 Peralta St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $3,500
OAKLAND, Alameda Co., Calif. 1820 E 22nd Street.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—Wm. P. Brilhante 1822 N 22nd St., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 2520 Cordova Street.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7000
FRESNO, Fresno Co., Cal. No. 303 Roosevelt Street.
Two-story frame and stucco residence
Owner—Manley Hughes, 1526 Fulton St., Fresno.
Architect—Not Given.
Contractor—Roy Martin, 149 N-Calaveras St., Fresno.

Contract Awarded
RESIDENCE Cost, $5,250
LIVERMORE, Alameda Co., Cal. Jay and Third Streets.
One - story and basement frame and stucco residence.
Owner—J. W. Houser, Livermore.
Plans by Paul R. Anderson, Livermore.
Contractor—S. W. Suttle, Hayward.

Contract Awarded
RESIDENCE Cost, $6,500
SAN FRANCISCO. SW Upland and Manor Drive.
One - story and basement frame and stucco residence.
Owner—Dr. Switzer.
Architect—E. A. Neumarkel, 2688 Greenwich Street.
Contractor—Jas. Arnott & Son, 633 Taraval Street.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5237 Brann Street.
Two-story frame and stucco residence (six rooms).
Owner—Mr. Stevens.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland.

Contract Awarded
DUPLEX RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Cal. Park and Yosemite Streets.
One - story frame and stucco duplex residence (two 4-room residences) tile roof, wood sash, hardwood floors, tile baths, floor furnaces.
Owner—Minnie Anderson.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Geo. I. Thorp, 1080 South 7th St., San Jose.

Contract Awarded
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 1096 Sierra Avenue.
One-story frame and stucco residence (five rooms).
Owner—Mr. Finkeldy, 1829 San Lorenzo, Berkeley.
Architect—Not Given.
Contractor—Frank Stokes, 275 Haas Ave., San Leandro.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 1244 Green Street.
Alterations to residence.
Owner—J. Ratelle, 60 Russell Street.
Architect—Not Given.
Contractor—G. B. DeLucchi, 4 Sharp Place.

Contract Awarded.
RESIDENCES Cost, $4000 each
MILLBRAE, San Mateo Co., Calif. Violet Avenue.
Two one-story frame and stucco residences.
Owner—Neils Schultz.
Architect—Not Given.
Contractor — Schultz Constr. Co., 1 Hillcrest Blvd., Millbrae.

Contract Awarded.
RESIDENCE Cost, $5500
SAN JOSE, Santa Clara Co., Cal. No. 834 Lenzen Avenue.
Two-story frame and stucco residence (6 rooms).
Owner — Thos. Schmitt, 946 Lenzen Ave., San Jose.
Plans by Ira Brotzmen.
Contractor—Ira Brotzman 5 Garfield Ave., San Jose.

To Be Done By Day's Work.
RESIDENCE Cotst, $6000
SAN JOSE, Santa Clara Co., Calif. No. 1634 Shasta Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—Rollie Williams, 1497 Shasta Ave., San Jose.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.

Sub-Contracts Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. 2672 Vallejo St.
Alterations to residence.
Owner—B. R. Funston.
Architect—Gardner Dailey, 210 Post.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Stairs—E. D. Philbrick, 41 Sheridan.
Tile—Meda Art Tile & Mantel Co., 235 Bayshore Boulevard.
Glass and Glazing—Arthur Goepp, 70 Twelfth Street.
Electric—F. S. Goodman, 1466 33d Ave.
Plumbing—Higgins & Kraus, 741 Tehama Street.
Flooring—Western Hardwood Floor Co., 425 Bosworth Street.
Plastering—Leonard Bosch, 167 Fifth Avenue.
Sheet Metal—Morrison & Co., 74 Duboce Avenue.
Fire Escape Ladders—Industrial Orn. Iron Works, 552 Noe Street.
Mill Work — Pacific Mfg. Co., Santa Clara.

Contract Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO. E Santa Paula S Yerba Buena.
Two - story and basement frame and stucco residence.
Owner—Dr. Edmond F. Anderson.
Architect—Masten & Hurd, 233 Post.
Contractor—Henry Papenhausen, 595 Victoria Street.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5243 Masonic Avenue.
One - story and basement frame and stucco residence (7 rooms).
Owner and Builder—Henry T. McKallor, 2231 Caloma St., Oakland.

Being Done By Day's Work.
RESIDENCE Cost, $10,000
APTOS, Santa Cruz Co., Calif.
Two-story and basement frame residence (batting exterior, shake roof, six fireplaces, Colonial type; ten rooms, three baths).
Owner—W. W. Bendell.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Construction is under way.

Contract Awarded
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
Two-story frame and stucco residence (six rooms) French style, wood shingle roof, gas heating system, wood sash, hardwood floors, tile floor in bath, etc.
Owner—Mr. Gregg.
Architect—Victor Galbraith, 211 East Acacia St., Stockton.
Contractor—C. I. Carlson, 807 North Madison St., Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 3500 Victor Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—Fred T. Dooley, 3936 Vale Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. No. 1353-55 E-32nd Street.
Two-story and basement frame and stucco residence (10 rooms).
Owner and Builder—O. E. Lafgren, 1343 E-32nd St., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. E Twenty-first Ave. S Lawton St.
One-story and basement frame and stucco residence.
Owner and Builder—G. H. and M. E. McCarthy, 1846 Irving St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cali. No. 3039 Kansas Street.
One-story and basemenet frame and stucco residence (5 rooms).
Owner and Builder—C. A. Vindelov, 2318 Coolidge Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO. W Lunada Way N Mercedes St.
Two-story frame and stucco residence
Owner—Mr. Galvan, 169 Lunada Way, San Francisco.
Architect—Not Given.
Contractor — Paul A. Wolter Jr., 80 Fernwood Drive, San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
SAN FRANCISCO. E Montgomery St. S Greenwich St.
One-story and basement frame and stucco residence.
Owner and Builder—F. W. Borden, 1440 Montgomery St., San Francisco.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5500
SAN FRANCISCO. SE 27th Avenue and Cabrillo Street.
One-story and basement frame and stucco residence.
Owner & Builder—Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. W Forty-third Ave. N Kirkham St.
One-story and basement frame and stucco residence.
Owner—E. W. Perkins, 510 Stockton St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 4036 Waterhouse Road.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder — L. Alaux, 1954 Broadway, Oakland.
Architect—Not Given.
Contractor—Gaubert Brothers, 4735 Brookdale Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
ALAMEDA, Alameda Co., Calif. No. 2627 Otis Drive.
One-story and basement frame and stucco residence (6 rooms).
Owner—D. G. Mehrtens, 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Oakland.

Sub-contracts Awarded.
RESIDENCES Cost, $7000
OAKLAND, Alameda Co., Cal. Rockridge District.
Two two-story and basement frame and stucco residences (7 rooms, 2 baths, shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given.
Plumbing — P. H. Blake, 3400 Eden Lane, Oakland.
Heating—Atlas Heating Co., 557 4th St., San Francisco.
Sheet Metal—P. H. Blake, 3400 Eden Lane, Oakland.
Tile Work—Superior Tile Co., 3743 Broadway, Oakland.
Mill Work—Melrose Lumber Co., 1201 46th Ave., Oakland.
Brick Work—Chas. H. Hummer, 2221 34th Ave., Oakland.
Lathing and Plastering—Ecker Bros., Oakland.
Lumber—Smith Lumber Co., 19th and Estuary, Oakland.
Terra Cotta—P. H. Blake, 3400 Eden Lane, Oakland.
Painting—J. V. Adams, 637 Alcatraz Ave., Oakland.
Concrete—Frank Salamid, 5340 Manila Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $6500
CONTRA COSTA COUNTY. (Near Berkeley City Line).
Two-story frame residence (5 rooms and garage) shingle roof, shingle walls, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—V. A. Kimberly.
Architect—Warren C. Perry, 260 California St., San Francisco.
Contractor — J. B. Malmstrom, 5856 Broadway, Oakland.

Plans Being Figured.
RESIDENCE Cost, $4200
FAIRFAX, Marin Co., Calif.
One-story frame and stucco residence (4 rooms) wood sash, shake roof, hardwood floors, probably electric heating system, pine floors, tile baths, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $——
PITTSBURG, Contra Costa Co., Calif.
One and one-half-story frame and stucco residence (6 rooms) asbestos shingle roof, gas heating system, hardwood floors, tile bath).
Owner—E. H. Ficher, Pittsburg.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.

Contract Awarded
RESIDENCES AND LABORATORY Contract Price, $13,436
VALLEJO, Solano Co., Calif.
Two - story frame duplex residence (1 6-room and one 5-room residence) redwood siding, electric heaters, electric hot water, composition roof, septic tank, etc.) and two-story frame laboratory bldg. (redwood siding) three garages.
Owner—City of Vallejo.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—James Bitcon, 629 Louisiana St., Vallejo.

Plans Being Figured—Bids Close Feb. 26th, 12 Noon.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County.
Two-story frame and stucco residence (8 rooms, 3 baths) shingle roof, hardwood floors, etc.
Owner—Mr. and Mrs. Decker McAllister.
Architect—Gardner A. Dailey, 210 Post St., San Francisco.
Following will submit bids
A. F. Mattock, 212 Clara St., San Francisco.
G. H. Meese, Redwood City.
F. S. Marshall, 799 Ashbury St., San Francisco.

Low Bidder
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Montclair Acres.
Two-story frame and stucco residence
Owner—Dr. Willard C. Fleming, Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—A. Frederick Anderson, 1093 Longridge Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. Peralta Park.
Two-story frame and stucco residence (rustic exterior, steel and wood sash, hardwood floors, gas heating system, shake roof, etc.)
Owner—Higbee Williams.
Architect—Ernest R. De Chenne, 364 14th St., Oakland.
Contractor — McClung-Stevens Co., 2443 Webster St., Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Calif Ward and Milvia Streets.
Two-story frame and stucco residence (6 rooms) tile roof, steel and wood sash, hardwood floors, gas heating system, etc.
Owner—Leland S. Hawkins.
Architect—Ernest R. De Chenne, 364 14th St., Oakland.
Contractor — McClung - Stevens Co., 2443 Webster St., Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. Brann St. near 65th Avenue.
Two-story frame and stucco residence (5 rooms, 2 baths) shake roof, gas heating system, hardwood floors, etc.
Owner—Edwin Henninger.
Architect—Ernest R. De Chenne, 364 14th St., Oakland.
Contractor — McClung - Stevens Co., 2443 Webster St., Oakland.

Planned.
RESIDENCE Cost, $——
CONCORD, Contra Costa Co., Calif. Wren Ave., bet. Clayton Way and Farm Bureau Road.
Two-story frame and stucco residence
Owner—A. Lindquist, Port Chicago.
Architect—Not Given.

Plans Being Prepared.
RESIDENCE Cost, $——
CONCORD, Contra Costa Co., Calif. Concord Blvd. and Parkside.
Two-story frame and stucco residence (6 rooms) English style.
Owner—Miss Josephine Gieslhart, Concord.
Architect—Not Given.

Plans Completed.
RESIDENCE Cost, $5000
SANTA ROSA, Sonoma Co., Calif.
One and two-story frame and stucco residence (7 rooms and 2 baths): shingle roof, gas heating system, hardwood floors, tile baths, etc.
Owner—A. M. Call.
Architect—C. A. Caulkins, Rosenberg Bldg., Santa Rosa.
Bids will be taken within a few days.

Sub-Contracts Awarded.
RESIDENCE Cost, $9000
PALO ALTO, Santa Clara Co., Calif. No. 676 Alvarado Street.
Two-story frame and stucco residence.
Owner—John and Bonnie Bunn, Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor—R. C. Knight, 595 Bailey Ave., Mountain View.
Plumbing—Anderson Plumbing Co.
Heating—George Mead.
Tile Work—C. L. Frost.
Lumber—Merner Lumber Co.
Sheet Metal—George Mead.
Steel Sash—Bruce Orrls.
Painting—Otto Freeborn, Mt. View.
All of Palo Alto unless otherwise noted.

Plans Being Prepared.
RESIDENCE Cost, $10,250
HILLSBOROUGH, San Mateo Co.
Two-story and basement frame residence (wood exterior, shingle roof gas heating system, wood sash, hardwood floors, tile baths, etc.: 8 rooms and 3 baths).
Owner—Withheld.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be asked in about 10 days.

Contract Awarded.
COTTAGE Cost, $2200
TIBURON, Marin Co., Calif.
One-story frame cottage.
Owner—Edward and Helen D. Parker.
Architect — E. A. Neumarkel, 2689 Greenwich St., San Francisco.
Contractor—Preston R. Burris, Box 445, Mill Valley.

Contract Awarded.
RESIDENCE Cost, $4750
ROSS, Marin Co., Cal. Del Mesa Tct.
One-story frame and stucco residence
Owner—E. R. Murry, 10 Hazel Street, San Francisco.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
Contractor—Folke Wallin, 2150 50th Ave., Oakland.

Bids In—Held Under Advisement.
RESIDENCE Cost, $——
CERES, Stanislaus County, Calif.
One and one-half-story frame and stucco residence (7 rooms and 1 bath, separate lavatory) shingle roof, oil burning heating system, hardwood floors.
Owner—H. Mimtz, Ceres.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Announcement will be made within a few days.

Contract Awarded.
RESIDENCE Cost, $5600
SAN CARLOS, San Mateo Co., Calif. White Oaks Subdivision.
One-story frame and stucco residence (five rooms) Normandy English style; shingle roof, gas warm air heating system, wood sash, tile bath and lavatory.
Owner—Harold McGee (Sponsored by General Electric Co.)
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.
Contractor—G. W. Sutherlin, 468 Linden Ave., San Bruno.

Construction Started.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Aragon Subdivision.
Two-story frame and stucco residence (6 rooms and 2 baths) Monterey style, shingle roof, gas warm air heating system, wood sash, tile baths, etc.
Owner and Builder—Bruce T. Swency, 700 Costa Rica Ave., San Mateo.
Architect—Mario Corbett, Hotel Banjamin Franklin, San Mateo.

Plans Completed.
RESIDENCE Cost, $4200
SOUTH SAN FRANCISCO, San Mateo Co., Cal. Parkway Terrace Subdivision.
One-story frame and stucco residence (5 rooms) English style; shake roof, gas warm air heating system, wood sash, hardwood floors, etc., (Model Home).
Owner—South San Francisco Chamber of Commerce.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.
Whether bids will be asked is not determined at this time.

Contract Awarded.
DUPLEX RESIDENCE Cost, $6000
SAN JOSE, Santa Clara Co., Calif. Park and Yosemite Streets.
One-story frame and stucco duplex residence (2 4-room residences); tile roof, wood sash, hardwood floors, tile baths, floor furnaces, etc.
Owner—Minnie Anderson.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.

Contract Awarded.
RESIDENCE Cost, $13,200
LOS ALTOS, Santa Clara Co., Calif.
Two-story frame and stucco residence (8 rooms and 3 baths) shingle roof, oil heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Walter L. Doty.
Architect—Jamse Mitchell, 369 Pine St., San Francisco.
Contractor—C. H. Bessett Bldg. Co., 826 Walnut Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $4500
SAN FRANCISCO. E Twenty-first Ave. S Lawton St.
One-story and basement frame and stucco residence.
Owner—G. H. and M. E. McCarthy, 1846 Irving St., San Francisco.
Architect—Not Given.
Contractor — Chas. McCarthy, 1400 22nd Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO. W Retiro St. N Beach Street.
One-story and basement frame and stucco residence.
Owner—Anza Home Building Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5500
SAN FRANCISCO. E Twenty-seventh Ave. S Cabrillo St.
One-story and basement frame and stucco residence.
Owner and Builder — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. S Maywood W Yerba Buena Avenue.
Two-story and basement frame and stucco residence.
Owner and Builder—Paul A. Wolter Jr., 80 Fernwood St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. W Twentieth Ave. S Pacheco Street.
Two one-story and basement frame and stucco residences.
Owner & Builder—Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4,500
SAN FRANCISCO. N Cotter W Mission Street.
One - story and basement frame and stucco residence.
Owner—Antony De Lordi, 880 Geneva Avenue.
Architect—Not Given.
Contractor—Peter E. Vukecivich.

Contract Awarded.
GUEST HOUSE Cost, $8000
ALMA, Santa Clara Co., Calif.
Two-story frame and stucco guest house (7 rooms).
Owner—Yehudi Menuhin.
Architect—Not Given.
Contractor—A. M. Jensen, 300 Santa Cruz Ave., Los Gatos.

Sub-Contracts Awarded
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. 1510 Middlefield Road
Two - story and basement frame and stucco residence.
Owner—Lewis H. Leve, 1510 Middlefield Road, Palo Alto
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto.
Roofing—Aro & Okerman, Palo Alto.
Plumbing—Lee & Sharp, Palo Alto.
Electric Wiring—H. Fendler, Menlo Park.
Heating and Sheet Metal — Stanford Sheet Metal Works, Palo Alto.
Tile Work—Bloomquist Tile Co., Redwood City.
Glass—Acme Glass Co., Palo Alto
Brick Work—C. Mezzapelle, Palo Alto
Lathing and Plastering—E. Albertson, Palo Alto.
Lumber—Merner Lbr. Co., Palo Alto.
Steel Sash—Michel and Pfeffer Iron Works, Harrison and Tenth Sts. San Francisco.
Hardware—Merner Lbr. Co., Palo Alto
Painting—O. R. North, Palo Alto
Concrete—J. Emma and C. Pivona, Palo Alto.
Flooring—F. Backlund, Menlo Park.
Reinforcing Steel — Soule Steel Co., 1850 Army St., San Francisco

Planned.
RESIDENCES Cost, $——
REDWOOD CITY, San Mateo Co. Calif. One Mile S of Redwood City on Bayshore Highway
Group of residences.
Owner—Friend Realty Co., 625 Market St., San Francisco.
Architect—Not Given
Tract will be subdivided for one acre lots for a group of residences.
Bids are now being received by the owner for approximately 22,000 sq. yds. of macadam roadwork.

Sub-Contracts Awarded.
RESIDENCE Cost, $7000
PALO ALTO, Santa Clara Co., Calif. No. 376 Dana Street
One-story frame and stucco residence
Owner — D. P. Boothe Jr., 324 Elmwood Ave., Oakland
Architect—Not Given
Contractor—Aro & Okerman, Box 433, Palo Alto.
Roofing—Aro & Okerman.
Plumbing—D. A. Orr, Menlo Park.
Electric Wiring — H. Fendler, Menlo Park
Heating and Sheet Metal — Stanford Sheet Metal Works, Palo Alto.
Tile Work—Bloomquist Tile Co., Redwood City.
Glass—Acme Glass Co., Palo Alto.
Brick Work—C. Mezzapelle, Palo Alto
Stone Work—California Cut Stone & Granite Works, South San Francisco.
Lathing and Plastering—E. Gardner, Menlo Park.
Lumber — Smith Lumber Co., San Francisco.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Painting—O R. Martin, Palo Alto.
Concrete—Joe Emma and C. Bivona, Palo Alto.
Flooring—F. Backlund, Menlo Park

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN FRANCISCO. E Fernwood St. N Brentwood.
Two-story frame and stucco residence.
Owner and Builder—Paul A. Wolter, Jr. 80 Fernwood St., San Francisco.
Architect—Not Given.

15— SCHOOLS

BIDS WANTED
LAKE COUNTY, Cal.—Until March 3, 8 P. M., bids will be received by the Burns Valley School District, John Francis, Clerk, for furnishing and installing 13 Wessix Electric Heaters for the Burns Valley School, Lake County.

Sub-Contracts Awarded.
ASSEMBLY Cont. Price, $29,388
OAKLAND, Alameda Co., Calif. Chabot Road and Patton Street.
One-story frame and stucco assembly at Chabot School (to seat approx-

imately 400) asbestos shingle roof
Owner—Oakland Board of Education.
Architect — W. G. Corlett Oakland Board of Education.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.
Roofing—Central Sheet Metal Co., 3246 Ettie Street.
Plumbing—Henry Lee, 1736 5th Ave.
Electric Wiring—Scott Buttner Co., 2214 Webster St.
Heating—Henry Lee, 1736 5th Ave.
Sheet Metal—Central Sheet Metal Co., 3246 Ettie Street.
Tile Work — Superior Tile Co., 3743 Broadway.
Glass — Cobbledick Kibbe Glass Co., Washington at Third St.
Iron Grille Work — Frauneder Iron Works, 335 8th Street.
Lathing and Plastering—Carl Rasmussen, 5801 Moraga Road.
Lumber—Bay City Lumber Co., 48th Ave. and E-12th St.
Screens — Hippolito Screen Co., 4246 Holden Street.
Mill Work — Pacific Mfg. Co., Santa Clara.
Hardware — Oakland Hardware Co., 929 Broadway.
Painting—Mark Miller—3664 Madrone Avenue.
Concrete—George Prentice, 3238 Prentiss Street.
Flooring—Inlaid Floor Co., 600 Alabama St., San Francisco.
Window Shades — West Coast Shade Co., 467 19th Street.
Linoleum — Hilling Linoleum Co., 2335 Broadway.
Stall Partitions—Trask & Squires, 39 Natoma St., San Francisco.
Reinforcing Steel—McGrath Steel Co. 354 Hobart St.
All of Oakland unless otherwise noted.

Bids Opened
RECON. SCHOOL Cost, $——
OAKLAND, Alameda Co., Calif. Lincoln Avenue and Scenic Street.
Structural alterations to Sequoia School (12 rooms) brick and tile construction).
Owner—Oakland School District.
Architect—W. G. Corlett, Administration Bldg., Oakland.
Low Bidder—Fred. J. Early, Jr., 369 Pine St., San Francisco, and 366 40th St., Oakland.
Complete bids follow:
(1) deduct for salvage materials.
Fred J. Early, Jr.....$54,322
.....(1) 200
Geo. Swanstrom, Oakland.....$65,781
.....(1) .....
O. Monson, San Francisco.....$66,100
.....(1) 500
Bids held under advisement.

BONDS VOTED
CARSON CITY, Nev.—Carson City School District voted bonds in amount of $61,000 February 15 to finance construction of a high school and gymnasium in Carson City.

Plans Being Prepared.
COLLEGE BLDG. Cost, $——
SANTA BARBARA, Santa Barbara Co., Cal. State Teachers' College
Industrial educational building at the State Teachers' College.
Owner—State of California.
Architect—George B.McDougall, State Architect, Public Works Building, Sacramento.

BIDS OPENED
SAN FRANCISCO—Regal Floor Co., 490 Brannan St., at $21.50 submitted low bid to Department of Public Works for sanding east hallway of shop building at the Polytechnic High School, involving approximately 2100 square feet. Only other bid was submitted by the Inlaid Floor Co., at $30. Bids held under advisement. * i

Sub-Contracts Awarded.
HIGH SCHOOL Cont. Price, $50,000
CEDARVILLE, Modoc Co., Calif.
One-story frame and stucco high school (12 classrooms and study hall) composition roof, steam heating system, wood floors, etc.
Owner — Surprise Valley Union High School District.
Architect—Jens Petersen, 812 26th St., Sacramento.
Contractor—P. B. Harris, Cedarville.
Plumbing—C. F. Fields, Alturas.
Electric Wiring—Calk-White Electric Co., Alturas.
Heating—C. F. Fields, Alturas.
Lumber—Harris Lumber Co., Cedarville.
Reinforcing Steel—Palm Iron Works. Sacramento.
Bids are being received on flooring, glass, lathing and plastering, wood sash, hardware, painting, concrete, flooring, window shades.

To Ask Bids About Feb. 25.
RECONST. SCHOOL Cost, $89,000
ALAMEDA, Alameda Co., Calif. 2130 Central Avenue.
Reconstruction of high school auditorium.
Owner—Alameda City School District.
Structural Engineers—L. H. Nishkian, 525 Market St.; Earl Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.
Architect—Carl Werner, 1303 Bay St., Alameda.
Grant of $40,000 approved by the PWA.

BIDS WANTED
SAN FRANCISCO.—Until Feb. 26, 1:45 P. M., informal bids will be received by Department of Public Works, Room 251, City Hall, for furnishing and installing electrical fixtures in the Patrick Henry School, Vermont, Kansas, 18th and 19th Sts.
Further particulars may be obtained from Chas. H. Sawyer, City Architect, Room 267, City Hall.

Plans Awaiting Approval
SHOP Cost, $15,000
ARBUCKLE, Colusa Co., Calif.
One-story frame and stucco shop.
Owner — Pierce Joint Union High School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Plans are awaiting approval of the State Division of Architecture, Sacramento.

CONTRACT AWARDED
LONG BEACH, Cal.—J. K. Thomas, 700 Kress Bldg., Long Beach, awarded general contract by Long Beach city manager, at $196,722 for construction of the Veterans' Memorial building at the corner of Broadway and Cedar Ave., Long Beach. J. H. Davies, Ocean Center Building, Long Beach, structural engineer, and Geo. Kahrs, 1224 Linden Ave., Long Beach, architect.

Bids Wanted—To Close Feb. 29, 2:30 P. M.
SCHOOL Cost, $27,250
WOODLAKE, Tulare Co., Calif.
One - story frame and stucco school building (3 classrooms).
Owner—Woodlake School District.
Architect—E. J. Kump, Rowell Bldg., Fresno.
Engineer—F. W. Kellberg, 320 Market Street, San Francisco.
Following have procured plans:
Trewhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.
Fisher and McNulty, Cory Building, Fresno.
Harris Const. Co., 577 McKinley Ave., Fresno.
R. P. Moore, 3662 Verrue Avenue, Fresno.

BIDS WANTED
WASCO, Kern Co., Cal.—Until Mar. 2, 7:30 P. M., bids will be received by Wasco Union High School District, Kern County, for the construction of an agricultural addition to the shop building at Wasco High School. Plans and specifications may be obtained at the office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield, upon deposit of $10. Certified check or bond for 10% must accompany each bid. The building will be a reinforced concrete structure, costing approximately $12,000. An additional $4000 will be spent for furniture and equipment

Sub-Contracts Awarded.
SCHOOL Cont. Price, $34,344
LOS BANOS, Merced Co., Calif.
One-story reinforced concrete elementary school.
Owner—Los Banos Elementary School District.
Architect—E. J. Kump, Rowell Bldg., Fresno.
Contractor—M. B. Folsom, 914 22nd St., Merced.
Roofing—C. E. McNullen Co., Fresno.
Plumbing — Sanitary Plumbing Co., Merced.
Electric Wiring and Heating—Sanitary Plumbing Co.
Sheet Metal — Mitchell's Sheet Metal Works, Fresno.
Tile Work—C. E. Kurn, Merced.
Glass—Hollenbeck Planing Mill Co., Fresno.
Iron Grille Work—Schrader Iron Wks. San Francisco.
Lathing and Plastering — Wm. F. Schmiedeberg, Fresno.
Lumber—Chapman Lumber Co., Portland and Builders Lumber Co., Los Banos.
Wood Sash—Hollenbeck-Bush Planing Mill Co., Fresno.
Painting—Zierenberg & Son, Merced
Reinforcing Steel—Kyle & Co., Fresno
Structural Steel—Schrader Iron Works San Francisco.

Contract Awarded
SCHOOL Contract Price, $21,727
KNIGHTSEN, Contra Costa Co., Cal.
One - story frame and stucco elementary school (4 classrooms).
Owner—Knightsen Elementary School District.
Architect—James Narbett, 466 31st St. Richmond.
Contractor—J. E. Branagh, 116 Monticello Ave., Piedmont.

Construction Started.
SCHOOL Cost, $25,000
COLFAX, Placer Co., Calif.
One-story elementary school (5 classrooms) type of construction not determined).
Owner—Colfax Elementary School District.
Architect — George Sellon, California State Life Bldg., Sacramento.
Materials are being purchased by the School District and the WPA.

BONDS FOR SALE
BAKERSFIELD, Kern Co., Calif.—Kern County Union High School District will sell bonds in the amount of $200,000 March 2, 11 A. M. to finance construction of a junior high school in East Bakersfield and new classroom building and girls' gymnasium at the Bakersfield high school.

Bids Opened.
MECHANICAL EQUIP. Cost, $——
SEBASTOPOL, Sonoma Co., Calif.
Mechanical equipment for grammar school.
Owner—Sebastopol Union Elementary School.

Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder — M. J. Reeves Heating Co., 959 Natoma St., San Francisco.
Complete bids follow:
(1) deduct for installing gas burner system in lieu of oil burning.
(2) add for installation of thermostat
M. J. Reeves Heating Co.,S. F...$6666
.....(1) 285
.....(2) 1519
Pacific Heating & Ventilating Oakland $7100
.....(1) 275
.....(2) 1398
Herman Lawson, San Francisco..$7597
.....(1) 1077
.....(2) 1546
Knittle Bros., San Francisco.....$8373
.....(1) 2000
.....(2) 1390
T. J. Kennedy, Martinez.....$9266
.....(1) 475
.....(2) .....
L. Dioguardi, Sebastopol.....$9450
.....(1) 2050
.....(2) 1250
Bids held under advisement.

Bids Wanted—To Close Feb. 28, 10 A. M.
ELECTRICAL WORK Cost, $3,000
SAN LEANDRO, Alameda Co., Calif.
Electrical work for McKinley and Washington Schools.
Owner—San Leandro School District.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Electrical Engineers—Hunter & Hudson, 41 Sutter St., San Francisco.
Plans and specifications may be obtained from the School Board and from the electrical engineers upon deposit of $25.00.

Plans Being Completed
GYMNASIUM Cost, $50,000
SAN LUIS OBISPO, Cal. High School Campus.
One-story gymnasium (72x144 feet) steel frame structure, masonry walls, steel sash, maple floors, two sun decks, tile roof, electric wiring, metal skylights, stucco exterior, etc.
Owner—San Luis Obispo Board of Education.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans will be forwarded to Sacramento for approval in one week.

Low Bidder
AUDITORIUM Cost, $——
OILDALE, Kern Co., Calif.
One-story reinforced concrete auditorium (to seat 1500).
Owner—Standard School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Low Bidder—Henry Eissler, 2229 18th St., Bakersfield, $113,000.
Recommendation made to PWA that contract be awarded to Henry Eissler

CONTRACT AWARDED
LONG BEACH, Cal.—Pacific Realty & Building Co., 433 E. Broadway, Long Beach, awarded contract by Los Angeles board of education at $87,570 for reconstruction, strengthening and rehabilitation of the main brick building at Belvedere elementary school, 3724 E First St. Train & Cressey, 226 Third and Hill Bldg., architects; Laurence J. Waller, 931 Micheltorena St., structural engineer.

BIDS WANTED
PITTSURG, Contra Costa Co., Cal. —Until February 25, 8 P. M., bids will be received by Armand Stow, Clerk, Pittsburg School District, for furnishing the following materials for the school in Pittsburg now under construction:
(1) Structural steel;
(2) Cement;
(3) Sand and gravel for concrete;
(4) Lumber.
Quantity list and specifications may be obtained from R. H. Cooley, Structural Engineer, 354 Hobart St., Oakland, and from the Board of Trustees at Pittsburg.

BIDS OPENED
RENO, Nev.—Rocco Vaninetti, Reno at $63,640 submitted only bid for general work to Reno School District No. 10 for construction of a new Southside Grammar School in Reno. Bids on heating and ventilating systems follow:
Savage & Son, $6,180.30 (heating); $8,799.94 (ventilating).
A. C. Leonard, $6,386.00 (heating); $8,995.94 (ventilating).
Bids held under advisement.

Contract Awarded
SHOPS Contract Price, $48,789
SACRAMENTO, Sacramento Co., Cal.
West Freeport Blvd. bet. Bidwell Way and Sixth Avenue.
Shops and senior high school building (first unit).
Owner—Sacramento School District.
Architect—Starks and Flanders, Bank of America Bldg., Sacramento.
Contractor—Petersen & Steinbrenner, 1116 O St., Sacramento.
Complete bids published Feb. 11.

Plans Being Completed
SCHOOL Cost, $100,000
NEVADA CITY, Nevada Co., Calif.
One-story frame and stucco elementary school (12 classrooms and auditorium to seat 300) steam heating system, pine and maple floors, etc.
Owner — Nevada City Elementary School District.
Architect—Wm. Mooser, Monadnock Bldg., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Bids will be asked in about 2 weeks.

Plans Being Prepared
ADDITION Cost, $90,000
BAKERSFIELD, Kern Co., Calif.
Extension to library at Kern County High School (three - story reinf. concrete construction, steel trusses, terra cotta tile roof, tile and linoleum floors, etc.)
Owner—Kern Co. Union High School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Sub-Contracts Awarded.
JUNIOR COLLEGE
Cont. Price, $131,936
SALINAS, Monterey Co., Calif.
One-story wood frame Junior College & gymnasium with steel columns and trusses.
Owner—Salinas Un. High School Dist. (R. D. Case, Secretary).
Architect—Chas. Butner, 51 Maple St., Salinas.
Contractor—C. L. Wold Constr. Co., 4412 Fulton St., San Francisco.
Plastering—James F. Smith, 271 Minna St., San Francisco.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Mill Work — Pacific Mfg. Co., Santa Clara.
Roofing and Roof Tile—J. W. Bender Co., 18th and Bryant Stst., S. F.
Lab. Furniture—Sheldon & Co., 461 Market St., San Francisco.
Miscellaneous Iron—Engfer Iron Wks. P. O. Box 11. San Jose.
Plumbing and Heating—Scott Co., 243 Minna St., San Francisco.
Structural Iron — Independent Iron Works, 821 Pine St., Oakland.
Maple Flooring and Linoleum—Royal Floor & Linoleum Co., 475 Sutter St., San Francisco.

Contracts Awarded.
GYMNASIUM Cont. Price, $154,103
TULARE, Tulare Co., Calif.
Two new classroom buildings and repairs to gymnasium and central heating plant.
Owner — Tulare High School District (W. B. Knokey, Supt. of Schools)
Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor—Midstate Constr. Co. and W. J. Ochs, Power Bldg., Fresno. $154,103.
Plumbing—Scott Co., 243 Minna St., San Francisco, $22,254.
Electric—American Electric Const. Co. 462 Bryant Street, San Francisco. $16,245.

CONTRACT AWARDED
LOS ANGELES, Cal.—P. P. Shelby, Room 200, 111 W 7th St., awarded contract by Los Angeles board of education at $51,234, for reconstruction, rehabilitation and strengthening the main building at Tenth Street school, 1000 Grattan St. Edward C. Taylor, architect, and Ellis W. Taylor, 803 W. Third St., structural engineer.

CONTRACT AWARDED
GLENDALE, Los Angeles Co., Cal. —Whittaker & Snook, 40 S. Los Robles Avenue, Pasadena, have been awarded contract by the Glendale board of education at $299,495 (subject to PWA approval) for construction of new junior college plant at 1500 N. Verdugo Road, Glendale. Geo. M. Lindsey, 6305 Yucca St., Hollywood, architect.

CONTRACT AWARDED
BREA, Orange Co., Calif.—Blystone & Van Tuyle, Brea, awarded contract by Brea Elementary School District at $96,900 (subject to the approval of the PWA for reconstruction, rehabilitation and strengthening the main building at Brea grammar school, Brea, a PWA project. T. C. Kestner, Architects' Bldg., Los Angeles, architect.

Sub-Contracts Awarded
SCHOOL Cont. Price, $92,866
SALINAS, Monterey Co., Calif.
One - story wood frame school building (11 classrooms and auditorium to seat 600; gymnasium with steel trusses and columns).
Owner — Salinas City School District (R. D. Case, Secretary).
Architect—Chas. Butner, 51 Maple St., Salinas.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Roofing—J. W. Bender Roofing Co., 1999 Bryant St., San Francisco.
Plumbing—Scott Co., 243 Minna St., San Francisco.
Electric Wiring — Charles Langlais, Monterey.
Heating—Scott Co., 243 Minna Street, San Francisco.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Glass—W. P. Fuller & Co., San Jose.
Iron Grille Work—Engfer Iron Works, P. O. Box 11, San Jose.
Lathing and Plastering—A. Knowles, 982 Bryant St., San Francisco.
Lumber—Hayward Lumber Co., Salinas.
Wood Sash—Pacific Mfg. Co., Santa Clara.
Painting—W. G. Thompson, 336 Church St., San Francisco.
Concrete Materials — Central Supply Co., Salinas.
Flooring—Regal Floor Co., 490 Brannan St., San Francisco.

Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Streets, San Francisco.
Structural Steel—Golden Gate Iron Works, 1541 Howard Street, San Francisco.

To Ask Bids In One Week
CLASSROOM UNIT Cost, $75,000
SACRAMENTO, Sacramento Co., Cal.
Junior College Campus.
Brick classroom unit (17 classrooms; second unit).
Owner—Sacramento School District.
Architect—Harry Devine, Cronan Bldg., Sacramento.

Bids Wanted—To Close Feb. 29, 10 A. M.
ELECTRICAL WORK Cost, $3,000
SAN LEANDRO, Alameda Co., Calif.
Electrical work for McKinley and Washington Schools.
Owner—San Leandro School District.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Electrical Engineers—Hunter & Hudson, 41 Sutter St., San Francisco.
NOTE: The date was previously reported as February 28.
Plans and specifications may be obtained from the School Board and from the electrical engineers upon deposit of $25.00. *

Plans Awaiting Approval
SCHOOL Cost, $9,000
ALAMEDA COUNTY, Cal Stonybrook Canyon.
One - story frame and stucco school building (tile roof, etc.)
Owner—Stonybrook School District.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Plans have been forwarded to the State Division of Architecture, Sacramento, for approval.
Project being financed with WPA funds. *

BIDS OPENED
MARIPOSA, Cal.—Scott Company, 243 Minna St., San Francisco, at $10,075 submitted low bid to Mariposa School District for heating and ventilating system for the Mariposa high school. Plans prepared by Architect W. H. Weeks, 593 Market Street, San Francisco.
Complete bids follow:
(1) add for automatic oil burner, gas or electric ignition.
Scott Co., S. F. ..... $ 9,964
..... (1) 111
Geo. C. Bell, Oakland $10,150
..... (1) 200
Pacific Heating & Ventilating Co., Oakland $10,595
..... (1) 500
W. A. Aschen, Oakland $10,600
..... (1) 365
Frank Hudson, S. F. $10,663
..... (1) 275
M. J. Reeves Htg. Co., S. F. $10,888
..... (1) 222
Recommendation made to the PWA that contract be awarded to Scott Co. at $10,075, accepting Alternate 1.

Plans Being Completed
REHABILITATE SCHOOL $40,000
LIVERMORE, Alameda Co., Calif.
Rehabilitation of elementary school.
Owner—Livermore Elementary School District.
Architect—Henry H. Meyers, 2021 Alameda Ave., Alameda.
Plans will be forwarded to State Division of Architecture, Sacramento for approval in about three weeks.
Project to be financed with WPA funds. *

16—BANKS, STORES AND OFFICES

Segregated Bids Being Taken.
ALTERATIONS Cost, $——
VENTURA, Ventura Co., Calif.
Alterations to present banking quarters.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Const. Department of Owner
Bids are being received by A. Langfelder, owner's representative, 194 E. Main St., Ventura.

Segregated Bids Being Taken.
ALTERATIONS Cost, $——
OXNARD, Ventura Co., Calif.
Alterations to store for banking quarters.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Dept. of Owner
Bids are being received by A. Langfelder, 229 W. Fifth St., Oxnard.

BIDS WANTED
PHOENIX, Ariz.—Architects Lescher & Mahoney and Mechanical Engineer Roy M. Quackenbush, 1100 Title & Trust Bldg., Phoenix, are taking bids for an air conditioning system to be installed in the Homebuilders building at Phoenix for Homebuilders, Inc. The bids are to be submitted February 25. Estimated cost $18,000.

Contract Awarded.
MARKET Cost, $12,000
SAN FRANCISCO. SW Irving Street and Twenty-second Avenue.
One-story frame market.
Owner — Sunland Market (G. Casey), 110 Sutter St., San Francisco.
Architect—Albert Burgren, 110 Sutter St., San Francisco.
Carpentry, Sheet Metal, Roofing and Plastering—G. P. W. Jensen, 320 Market St., San Francisco.
Plumbing, electric, painting, glass, etc., will be awarded shortly.

Contract Awarded
STORE & FLATS Cost, $6,000
SAN FRANCISCO. S Judah Street E 28th Avenue.
Two-story frame and stucco store and flats.
Owner—St. George Holden, 2901 Russ Building.
Architect—Charles F. Strothoff, 2274 Fifteenth Street.
Contractor—Wm. L. Terry, 90 Allston Way, Berkeley.

Plans Being Completed
STORE Cost, $14,000
OAKLAND, Alameda Co., Cal. Grand Avenue.
One - story reinforced concrete store building (50x80-ft.)
Owner—Withheld.
Architect—Williams and Wastell, 374 17th St., Oakland.
Bids will be asked in about 10 days.

Plans Awaiting State Approval
SHOP Cost, $25,000
ROSEVILLE, Placer Co., Calif.
New shop building.
Owner—Roseville Union High School District.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
Project will be financed with WPA funds.

Contract Awarded.
ALTERATIONS Cost, $6000
FRESNO, Fresno Co., Cali. No. 1014 Fulton Street.
Alterations to store building (new front, etc.)
Owner—Wonder Investment Co.
Architect—Not Given.
Contractor — Harrison Constr. Co., Fresno.

Contract Awarded
ALTERATIONS Cost, $4,000
OAKLAND, Alameda Co., Calif. 1315 Broadway.
Alterations to building.
Owner—Pacific States Savings & Loan Association.
Architect—Not Given.
Contractor—S. Kulchar Co, 730 East Tenth St., Oakland.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 322 Post Street.
Alterations to store building.
Owner—Carolyn Kelsey, premises.
Architect—Not Given.
Contractor—Paul H. Posch Co., 101 Franklin Street.

Sub-Contracts Awarded.
STORE Cost, $16,500
OAKLAND, Alameda Co., Cal. No. 4186 Piedmont Avenue.
One-story frame store building.
Owner—The Lurie Co., San Francisco.
Plans by G. W. Catterill, 4221 Horton St., Emeryville.
Contractor—Daley Bros., 4221 Horton St., Emeryville.
Roofing — Jack Johnson Roofing Co., 3365 Army St., San Francisco.
Plumbing—Madden Plumbing Co., 3121 San Pablo Ave., Oakland.
Electric Wiring — California Electric Co., 1125 Oak St., Oakland.
Sheet Metal—City Cornice Co., 3121 San Pablo Ave., Oakland.
Tile Work—Superior Tile & Products Co., 3743 Broadway, Oakland.
Glass—East Bay Glass Co., 621 Sixth St., Oakland.
Metal Folding Doors—Western Iron & Body Works, 4063 Emory St., Oakland.
Lathing & Plastering—Murphy Bros., 2306 85th Ave., Oakland.
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Hardware—Associated Hardware Co., 3862 San Pablo Ave., Oakland.
Concrete — Triberti & Massaro, 888 43rd St., Oakland.
Accotile—Van Fleet Freear Co., 557 Howard St., San Francisco.
Reinforcing Steel—Herrick Iron Wks., 18th and Campbell Sts., Oakland.

Contract Awarded.
ALTERATIONS Cost, $12,000
SACRAMENTO, Sacramento Co., Cal.
Ninth and K Streets.
Alterations for stock and bond offices in Forum Building (board room, etc.)
Owner—William Cavalier & Co.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor — Arthur Fisher, 800 36th St., Sacramento.

To Ask Bids In One Week
OFFICE BLDGS. Cost, $600,000
SACRAMENTO, Sacramento Co., Cal.
South N Street bet. 11th and 12th.
Four-story reinforced concrete office building (steam heating system, air conditioning system, etc) Public Works Building.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Planned.
ALTERATIONS Cost, $——
FAIRFIELD, Solano Co., Calif.
Alterations and additions to market (new meat department, partitions counters, cases, etc.)
Owner—Safeway Stores (John Manuel, Local Mgr.), Fairfield.
Plans by Owner's Engr. Dept

Contract Awarded.
TELEPHONE BUILDING
Cost, $20,000 including equipment.
ST. HELENA, Napa Co., Calif.
One-story frame and stucco telephone exchange building.

Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Harry Thorsen, St. Helena

Contract Awarded.
ALTERATIONS Cost, $2000
OAKLAND, Alameda Co., Cal. No. 1911 Broadway.
Alterations to store front.
Owner—La Vogue Dress Shop, 1911 Broadway, Oakland.
Architect—Not Given.
Contractor — Mullen Manufacturing Co., 60 Rausch St., San Francisco

Plans Completed.
OFFICE Cost, $6500
OAKLAND, Alameda Co., Cal. Foot of Adeline Street.
One-story brick office building.
Owner—El Dorado Oil Co., Premises.
Engineer—Lochiel M. King, 3rd and University Ave., Berkeley.

Contract Awarded
STORE Cost, $10,000
OAKLAND, Alameda Co., Cal. Lakeshore Blvd. near Trestle Glen.
One-story steel and brick store building (3 stores) tar and gravel roof, steel sash, tile front, etc.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Frank Stead, 3206 Boise Street, Berkeley.
As previously reported, structural steel awarded to Herrick Iron Works, 18th and Campbell Sts., Oakland.

Plans To Be Prepared
BUILDING Cost, $15,000
SAN RAFAEL, Marin Co., Cal. Fourth Street.
One-story reinforced concrete store and mfg. building (75x126-feet).
Owner—Harry DeGregory, San Rafael
Architect—N. W. Sexton, deYoung Building, San Francisco.

Contract Awarded
ALTERATIONS Cost, $3,000
ALAMEDA, Alameda Co., Calif. 846 Santa Clara Avenue.
Alterations to store building.
Owner—Fred Warnecke, 548 35th St., Oakland.
Architect—Not Given.
Contractor—Farringer and Spaulding, 1511 Union St., Alameda.

Contract Awarded.
STORE Cost, $1670
OAKLAND, Alameda Co., Cal. Piedmont by The Lakes.
One-story brick and steel store bldg.
Owner—S. S. Herrick.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — Hallert & Kneale, 2500 65th Ave., Oakland.

Preparing Plans—Contract Awarded.
OFFICES Cost, $10,000
SANTA ROSA, Sonoma Co., Calif.
One-story frame and stucco office building (four suites) central oil burning heating plant, composition roofing, steel sash, linoleum floors, etc.
Owner—Withheld.
Architect—C. A. Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor — William D. Rapp, 1413 17th St., Santa Rosa.

Contracts Awarded
OFFICE BLDG. Cont. Price, $345,983
SACRAMENTO, Sacramento Co., Cal. N Street between 11th and 12th.
Four-story reinforced concrete office building to house motor vehicle department offices) steam heating system, air conditioning, steel sash one freight elevator, three passenger elevators and two electric dumbwaiters).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco, $345,983.
Plumbing—M. R. Carpenter, 907 Front St., Sacramento, $21,270.
Heating and Ventilating—Luppen and Hawley, Inc., 3126 J St., Sacramento, $78,322.
Electric—Coast Electric Co., 2350 Cedar Ave., Long Beach, $31,572.
Elevator and Dumbwaiters—Otis Elevator Co., 1 Beach Street, San Francisco, $45,835.
Complete bids published Feb. 12.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 446 Castro Street.
Alterations to market building.
Owner—M. Majori, 1629 Haight St.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission Street.

To Be Done By Day's Work.
STORE Cost, $2500
OAKLAND, Alameda Co., Cal. No. 2234 E-Twelfth Street.
One-story frame store building.
Owner and Builder — H. Lincoln & Sons, 2201 E-14th St., Oakland.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO. 1123 Harrison St.
Alterations to commercial building.
Owner—H. Mortenson.
Architect — Earle B. Bertz, Monadnock Building.
Engineer—R. A. Hanson, 608 Indiana.
Contractor—G. P. W. Jensen & Sons, 320 Market Street.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 241 Geary Street.
Alterations to store building.
Owner—C. H. Baker Co., premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Planned
STORE Cost, $——
SONOMA, Sonoma Co., Calif. Broadway and Napa Streets.
One-story concrete and tile store.
Owner—Clewe Estate, Sonoma.
Architect—Not Given

Contracts Awarded
ALTERATIONS Cost, $30,000
FRESNO, Fresno Co., Calif. Mariposa near Fulton Street.
Alterations and additions for waffle shop.
Owner—Tiny's Waffle Shop.
Architect—A. R. Williams, Humboldt Bank Bldg., San Francisco.
Fixtures—L. & E. Emanuel.
General—Fisher & McNulty, 1226 Fulton Street, Fresno.
Plumbing—B. A. Newman, 320 North H St., Fresno.
Electric—L. G. Jeffrey, 831 Fulton St., Fresno.
Bids on air-conditioning, refrigeration, painting, flooring, etc., will be taken shortly.

Contract Awarded
STORES Cost, $3,000
SAN FRANCISCO. W Buchanan N North Point Street.
One-story frame and stucco store.
Owner—F. W. Schneider.
Architect—R. R. Irvine, 3431 Market.
Contractor—W. C. Akard, 225 Cervantes Boulevard.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN JOSE, Santa Clara Co., Calif. No. 451 S-First Street.
Alterations to offices.
Owner—California State Employment Service.
Architect—Not Given.
Contractor—Martin Green & Co., 7 W. Santa Clara St., San Jose.

17— THEATRES

Contract Awarded
THEATRE Cost, $20,000
PLACERVILLE, Eldorado Co., Calif. Main Street.
Two-story frame and stucco theatre (to seat 300) offices on 2nd floor.
Owner—Miss Ruth Knacke, Placerville, and Edwin Atkins, Marysville.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—E. A. Corum, 2665 Donner Way, Sacramento.

Contract Awarded
ALTERATIONS Cost, $80,000
ALAMEDA, Alameda Co., Calif.
Alterations to Strand Theatre (new lobby, remodel auditorium, marquee, new display frames, new chairs, drapes, lighting fixtures).
Owner—Nasser Bros., 25 Taylor St., San Francisco.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

CORRECTION
ALTERATIONS Cost, $13,000
ALAMEDA, Alameda Co., Calif.
Alterations to Strand Theatre (new lobby, remodel auditorium, arquee, new display frames, new chairs, drapes, lighting fixtures).
Owner—Nasser Bros., 25 Taylor St., San Francisco.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Low Bidder — Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
In our issue of Feb. 19th it was reported that the contract was awarded to Cahill Bros., which was in error.
Contract has not been awarded as yet.

18— WHARVES & DOCKS

Sub-Contracts Awarded.
WHARF, ETC. Cont. Price, $206,747
OAKLAND, Alameda Co., Cal. Outer Harbor.
504-foot extension to wharf (creosoted apron, concrete bulkhead wall, asphalt surfacing, etc.)
Owner — City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Contractor — A. W. Kitchen Co., 110 Market St., San Francisco.
Dredging—Pacific Bridge Co., Foot of Derby St., Oakland.
Rip Rap Rock — Daniel Contracting Co., 503 Market St., San Francisco.
Reinforcing Steel—Soule Steel Co. and Judson Mfg. Co.
Concrete—Transit Concrete Co., 2500 Peralta St., Oakland.
Lumber and Piling—Chas. McCormick 461 Market St., San Francisco.

BIDS OPENED
SAN DIEGO, Cal.—John G. Wood & Son, 3738 Curlew St., San Diego, submitted low bid to the Public Works Officer, 11th Naval District, San Diego, Feb 13 at $10,200 for repairs to concrete wharf and bulkhead at the Naval Operating Base (Air Station), San Diego, Spec. No. 8072. The items were:
(1) Price based on cutting and replacing by cement gun method of 1700 sq. ft. railroad track and 2000 sq. ft. of beams and slabs on wharf and 4000 sq. ft. concrete surface on bulkhead wall;

(2) Price based on cutting and replacing by cement gun method of 1700 sq. ft. railroad track and 2000 sq. ft. beams and slabs on wharf only;
(3) Price based on cutting and replacing by cement gun method of 4000 sq. ft. concrete surface on bulkhead wall;
(4) Add or deduct for change in quantities under item No. 1;
(5) Add or deduct for change in quantities under item No. 2;
(6) Add or deduct for change in quantities under item No. 3.

The bids were:

John G. Wood & Son, San Diego—(1) $10,200, (2) $7200, (3) $3000, (4) $2.00, (5) $1.90, (6) 75c.

Edwin Anderson, San Francisco—(1) $10,650, (2) $8370, (3) no bid, (4) $2.10, (5) $2.40, (6) 57c.

Gates & Huntley, Los Angeles—(1) $17,920, (2) $13,180, (3) $7200, (4) $3.10, (5) $3.05, (6) $1.25.

California Gunite Constr. Co., Los Angeles—(1) $18,750, (2) $14,240, (3) $6950, (4) $3.20, (5) $3.16, (6) $1.36.

R. E. Campbell, Los Angeles—(1) $20,680, (2) $18,800, (3) $3500, (4) $4.50, (5) $3.75, (6) 65c.

The bids were held under advisement.

The work includes repairs to the existing concrete wharf and exposed faces of the existing concrete bulkhead which have deteriorated, cracked and spalled, due primarily to rusting of reinforcing steel. The repairs will consist of the breaking out of the concrete, as required to expose and clean the reinforcing steel, the cleaning and sand blasting of the exposed concrete surfaces and the exposed reinforcing steel, and the building up and replacing of the broken out concrete by the cement gun method. The work also includes the waterproofing only of the repaired areas of the concrete wharf •

19—MISC. CONSTRUCTION

Contract Awarded

PLANETARIUM
Cost exclud. equip. $30,000

SAN JOSE, Santa Clara Co., Cal. Naglee and Park Avenues.

One-story steel, concrete and stucco planetarium (auditorium, 50-foot dome, etc.)

Owner—Rosicrucian Order, San Jose.

Plans by Engineering Dept. of Owner.

Contractor—Paul Anderson, 1210 Lincoln Ave., San Jose.

A survey is now under way.

Contract Awarded.

SAN QUENTIN, Marin Co., Cal.—Patterson & Koster Iron Works, 280 13th St., San Francisco, at $1030 awarded contract by State Purchasing Department, Sacramento, for five steel guard houses at San Quentin. Complete bids follow:

Patterson & Koster Iron Works, San Francisco, $1030.

Michel & Pfeffer Iron Works, San Francisco, $1689.

Monarch Iron Works, San Francisco, $1780. •

Bids Opened.

SWIMMING POOL & CLUB HOUSE
Cost, $150,000

SACRAMENTO, Sacramento Co., Cal. McKinley Park.

Reinforced conc. swimming pool (65x 165 feet) and club house.

Owner—City of Sacramento (H. G. Denton, City Clerk).

Architect — Harry Devine, Cronan Bldg., and Starks & Flanders, Bk. of America Bldg., Sacramento

Low Bidder—H. W. Robertson, 3004 F St., Sacramento, $151,000.

Complete bids follow:

H. W. Robertson, Sacramento		$151,000
	(1)	600
	(2)	3,800
	(3)	14,000
	(4)	2,000
	(5)	900
A. Nelson, Inc., S. F.		$152,600
	(1)	475
	(2)	2,800
	(3)	12,000
	(4)	1,350
	(5)	800
Lindgren & Swinerton, Inc., Sacramento		$155,500
	(1)	450
	(2)	3,643
	(3)	12,824
	(4)	1,430
	(5)	1,695
Azevedo Constr. Co., Sacto.		$155,755
	(1)	460
	(2)	3,270
	(3)	14,800
	(4)	1,420
	(5)	800
Geo. Pollock Co., Sacto.		$156,800
	(1)	500
	(2)	4,000
	(3)	14,200
	(4)	1,550
	(5)	900
P. F. Reilly, S. F.		$166,606
	(1)	470
	(2)	3,098
	(3)	11,300
	(4)	1,420
	(5)	1,000

Bids were taken under advisement

February 14, 1936

Planned

POOL Cost, $——

SPRINGVILLE, Tulare Co., Calif.

New swimming pool at Tulare-Kings Counties Joint Tuberculosis Hospital.

Owner—Tulare-Kings Counties Joint Tuberculosis Hospital.

Architect—Not Given.

A drive is now under way to raise funds to finance the project, under the leadership of Miss Jane Barker, Visalia; $2,000 is now available.

CONTRACT AWARDED

SAN FRANCISCO.—John Fahlstrom & Co., 367 Bayshore Blvd., at $1,265 awarded contract by State Board of Harbor Commissioners for removing wooden shed down to deck of Pier No. 9. Complete bids follow:

John Fahlstrom	$1,265
Symon Bros. Wrecking Co.	1,585
Dolan Wrecking Co.	3,945

PREPARING PLANS

GRAND CANYON, Ariz.—Santa Fe railway company's architectural department, Kerckhoff Bldg., Los Angeles, is preparing plans for a men's dormitory and a recreational building to be built at Grand Canyon. The dormitory, for the use of El Tovar and Bright Angel hotel employees, will be a two-story structure, containing fifty rooms. The recreation building will be for the use of hotel guests.

SUB-BIDS BEING TAKEN

OAKLAND, Cal.—W. G. Thornally, 2059 Webster St., Oakland, desires sub-bids on all portions of the work for the construction of the Mountain View Mausoleum in Oakland for which bids will be opened February 25, 5 P. M

Plans prepared by Architect W. P. Day, San Francisco •

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

OAKLAND, Cal.—Bids for furnishing 7,750 service stops and 5,450 corporation stops were opened by the East Bay Municipal Utility District, John Kimball, Secretary, under Informal Proposal 717, February 13.

Bids were taken as follows:

(1) 250 1-inch service stops;
(2) 250 1-inch corporation stops;
(3) 100 2-inch corporation stops;
(4) 100 1½-inch corporation stops;
(5) 5,000 ¾-inch corporation stops;
(6) 7,500 (Jones) ¾-in. service stops.

Complete bids follow

Oakland Plumbing and Supply Co.: Item (6) only $2,287.50.

American Brass & Copper Co.: (1) $105; (2) $167.50; (5) $2,345; (6) $2,287.50.

Standard Supply Co.: (1) $100; (6) $2,587.50. Alternate item (5) $0.77 ea., less 2%.

James Jones Co.: (1) $115; (2) $270; (3) $475; (4) $289; (5) $2,650; (6) $2,400; total, $6,199.

Mueller Co.: (1) $118.75; (2) $277.50; (3) $487; (4) $280; (5) $2,350; (6) $2,550; total, $6,563.25.

Bids held under advisement

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing structural steel I-beam ribs with appurtenant splice plates, bolts, and nuts for support in 10-ft. diameter tunnel, Spec. No. 146, were opened by the Metropolitan Water District February 17.

Bids were taken as follows:

(1) 600 standard steel ribs for 10-ft. dia. tunnels, each rib consisting of two sections of 5-in., 10-lb. standard I-beams, complete with accessories;

(2) 400 long steel ribs for 10-ft. dia. tunnels, each rib consisting of two sections of 5-in. 10-lb. standard I-beams, complete with accessories.

Complete bids follow:

Commercial Shearing and Stamping Co.: (1) $7.00; (2) $7.21; total, $7,084, Youngstown, Ohio; discount $36.48.

Youngstown Steel Car Corp. (1) $8.45; (2) $8.54; total, $8,486 fob Niles, Ohio; discount $42.43. Use tax, $253.31.

Bethlehem Steel Co.: (1) $10.04; (2) $10.27; total, $10,132; fob Los Angeles; no discount.

Consolidated Steel Corp., Ltd.: (1) $11.69; (2) $11.98; total, $11,806; fob Los Angeles. No discount.

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ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
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25.—Machinery and Equipment
26.—Railroads
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28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

OKANOGAN COUNTY, Wash.—Until March 3, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for the construction of a reinforced concrete bridge, 337 feet long, on city street and county road, Okanogan River Bridge at Okanogan, involving about 900 c.y. excavation; 1,001 c.y. concrete; 172,000 lbs. steel reinforcing bars; 6,160 l.f. untreated piling, and other items.

Plans and specifications obtainable from the above office upon deposit of $2.00. 1

BIDS REJECTED

GUSTINE, Calif. — Roy Kruger, Gustine, at $460, submitted the only bid, which was rejected by the Gustine City Council for the cleaning of the ditch beginning at North Avenue, flowing in a southerly direction between 2nd and 3rd Sts., ending at East Avenue and for removing and replacing a bridge on Fifth Avenue.

BIDS WANTED

DOUGLAS COUNTY, Nevada—Until February 29, 10 A. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for the construction of a bridge on the State highway system in Douglas county, approximately one mile south of Gardnerville, a length of approximately .02 mile.

The work involves:

(1) Lump sum, remove bridge;
(2) 3300 c.y. roadway excavation;
(3) 480 c.y. structural excavation;
(4) 100 tons crushed gravel or stone surfacing;
(5) 185 c.y. Class A concrete;
(6) 177 c.y. Class D concrete;
(7) 57,000 lbs. reinforcing steel;
(8) 3,700 lbs. structural steel;
(9) 200 c.y. hand-laid riprap.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable, and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. 1

SUB-CONTRACTS AWARDED

TEHAMA COUNTY, Cal.—N. M. Ball Sons Co., P. O. Box 404, Berkeley, general contractors for the construction of an underground crossing under the tracks of the Southern Pacific R. R. about one-half mile south of Red Bluff, consisting of two reinforced concrete abutments with steel superstructure and approximately 0.45 mile of roadway grading and paving with Portland cement concrete, have awarded the following sub-contracts:

Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
Structural Steel—Ingalls Iron Works 2518 Encinal Ave., Alameda.
Cement—Henry Cowell Lime & Cement Co., 2 Market St., S. F.

BRIDGE DESTROYED

SANTA CRUZ COUNTY, Cal. — 125-foot bridge across Corralitos Creek near Richdale was destroyed recently. Loss is estimated at $15,000. Wrecking of the fallen structure has been completed and enought lumber salvaged to construct a temporary bridge

SUB-CONTRACTS AWARDED

ALAMEDA COUNTY, Cal.—Peninsula Paving Co., 9 Main Street, San Francisco, general contractors for the construction of an undergrade crossing under the tracks of the Western Pacific Railroad Co. at Jackson St., Hayward, consisting of two reinforced concrete abutments with steel superstructure and approximately 0.15 mile of grading and paving with Portland cement concrete, have awarded the following sub-contracts:

Reinforcing Steel — Bethlehem Steel Co., 20th and Illinois Streets, San Francisco.
Structural Steel—Moore Dry Dock Co. foot of Adeline St., Oakland.
Grading—F. McGrath, Oakland.

SUB-CONTRACTS AWARDED

SAN FRANCISCO—F. C. Amoroso & Sons, Keith and Wallace Ave., have awarded the following sub-contracts in connection with the widening of an overhead crossing over the tracks of of the Southern Pacific Railroad at Williams St., San Francisco, consisting of one 42-ft. and one 43-ft. 7-in. steel I Beam spans on steel bents with concrete abutments with wing walls on spread footings:

Reinforcing Steel—Gunn Carle & Co., 20 Potrero Ave., San Francisco.
Concrete — Readymix Concrete Co., Ltd., Carolina and Mariposa Sts., San Francisco.
Lumber — Loop Lumber Co., Central Basin, San Francsico.
Structural Steel—Bethlehem Steel Co., 20th and Illinois Sts., S. F.

SUB-CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—Eaton & Smith, 715 Ocean Ave., San Francisco, general contractors, have awarded a sub-contract for excavation to O. V. Freeman, 105 Churchill St., Palo Alto, in connection with construction of an undergrade crossing under the tracks of the Southern Pacific Railroad at Embarcadero Road in Palo Alto, consisting of two concrete abutments and steel superstructure, and grading and paving with Portland cement concrete about 0.21 mile.

CAPITAL CITY TITLE COMPANY

J. C. PALEN, *Manager*

914 Seventh Street

Sacramento :: California

CONTRACTS AWARDED

MERCED COUNTY, Cal. — C. B. Cameron & Son, Merced, at $1499 on Bridge No. 254; and Roy Kruger, Gustine, at $902 on Bridge No. 256 awarded contracts by the Merced County Board of Supervisors for the construction of bridges. All bids for Bridge No. 255 were rejected.

Complete bids follow:

C. B. Cameron & Son, Merced: Bridge No. 254, $1499; No. 255, $1728; No. 256, $1080.
Roy Kruger, Gustine: No. 254, $1812; No. 255, $1536; No. 256, $902; combined total, $4250.
John C. O'Leary, San Francisco: No. 254, $2032; No. 255, $2278; No. 256, $1383; combined total, $5693.
E. K. Angle, Dos Palos: No. 254, $1600 No. 255, $1998; No. 256, $1200; combined total, $4796.

The bridges will be situated as follows:

BRIDGE NO. 254: In Road Dist. No. 4, over San Joaquin Co's Kings River Canal and Irrigation Co.'s Canal on Fahey Road.
BRIDGE NO. 255: In Road Dist. No. 4, over San Joaquin Co.'s Canal on Quinto and Ingomar Road.
BRIDGE NO. 256: In Road Dist. No. 4, over San Joaquin and Kings River Canal & Irrigation Co.'s Canal on Cottonwood School House Road. 1

CONTRACT AWARDED

MARION COUNTY, Oregon—Roy L. Houck, Independence, Oregon, at $95-831.50 awarded contract by the Oregon State Highway Commission at Portland, for 4.6 miles grading, construction of four treated timber box culverts, and construction of 83 ft. treated timber trestle with concrete superstructure in Marion County.

The bids were opened Feb. 7.

22—DREDGING, HARBOR WORKS, EXCAVATION

CONTRACTS AWARDED

SEATTLE, Washington—Contracts have been awarded by the Pacific Coast Terminal Co.,for the rebuilding of Piers A, B, and C, on Railroad Ave., at an estimated cost of $275,000. The work involves rebuilding Piers A and C around Pier B to provide a 700x230 foot wharf. A depressed double railroad track will be installed on one side and a truck-loading ramp on the other side. Wide slips will be dredged on both sides.

The following contracts have been awarded:

Driving Wharf Piling & Dredging: Puget Sound Bridge & Dredging Co., 2929 16th S. W., Seattle.

Lumber: Chas. R. McCormick Lbr. Co., Pier 6, Seattle.

Furnishing Piling: West Coast Wood Preserving Co., 1118 4th, Seattle.

Plans and specifications on plumbing and heating, electrical work, sprinkler system, and construction of a warehouse will be released shortly.

Engineer William B. Aitken prepared the plans.

The McCormick Steamship Co. has taken a long-term lease on the piers.

BIDS WANTED

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until February 24, 8 P. M., bids will be received by the South San Francisco City Council,

Daniel McSweeney, City Clerk, for furnishing equipment and labor for the straightening and confining of portion of Colma Creek and Baden Creek.

The equipment and labor to be furnished includes two 1-yd. drag lines or two ¾-yd. drag lines; two 30-hp. power bulldozers, or two 45-hp. power bulldozers; and two four-ton trucks (net load) to two five-ton trucks (net load); housesmiths, concrete finishers, culvert pipe layers, painters, drag line operators, bulldozer operators, and truck drivers.

Specifications obtainable from the above office.

The above work is in connection with the completion of the Colma Creek drainage canal through South San Francisco, a WPA project, total cost of which is estimated at $128,000.

Robert A. Klassen, City Engineer.

CONTEMPLATED

SAN DIEGO, Cal.—Rufus J. Choate, Chairman of the San Diego Harbor Commission, has submitted to the U. S. Army Engineers the city's proposed harbor development program. The estimated cost is $4,500,000. The proposed work involves widening and deepening of ship channels and enlargement of the turning basin.

BIDS WANTED

SAN FRANCISCO.—Until March 4, 3 P. M., (as previously reported) bids will be received by the U. S. Engineer Office, Lieutenant Colonel J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Proposal No. 868-36-2, for constructing a fill, about 15,670,000 c.y. in volume, on the shoal in San Francisco Bay, north of Yerba Buena Island, and constructing a rubble retaining wall, involving about 180,300 tons of rock, for enclosing the upper levels of said fill. The site is to be reclaimed for a municipal airport and for the 1939 Bay Bridge Exposition.

Bids will be taken as follows:

(1) 15,670,000 c.y. making fill;
(2) 64,300 tons furnishing and placing Class A rock;
(3) 35,200 tons furnishing and placing Class B rock;
(4) 80,800 tons furnishing and placing Class C rock.

A small part of the fill is to be placed with government equipment and crews and work on this portion has already started.

The work involves making a fill about 5,520 feet long, 3,400 feet wide, to elevation 13 feet above mean lower low water, on the shoal north of Yerba Buena Island, and building a rubble retaining wall about 16,000 ft. long for inclosing the upper levels of the above fill. The work will be divided into sections 500 feet in width normal to the longitudinal axis of the fill.

The estimated quantities of the various classes of rock are based on a weight of 150 lbs. per solid cubic foot of rock and the following percentages of voids in the retaining wall sections: Class A rock, 35%; Class B rock, 25%; Class C rock, 20%.

Project is financed with $3,043,120 allotment of WPA funds.

Specifications obtainable from above office.

23—IRRIGATION PROJ.

CONTRACT AWARDED

OAKLAND, Cal—A. Soda & Son, 5231 Grove St., Oakland, at $19,000 awarded contract by the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, under Spec. No. LS 166, for construction of the Crockett Hill Tank, a concrete structure of 1,000,000-gal. capacity.

PERMITS ISSUED

SACRAMENTO, Cal. — Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during January, 1936:

4679. Application 8342 (Placer Co.) issued to Herstle Jones, Soda Springs Calif., January 2, for 15 cu. ft. per second from South Fork Yuba River. for power purposes. Est. cost, $3500.

4680, App. 8343 (Placer County) issued to Herstle Jones, Soda Springs, Calif., Jan. 2, for 100,800 gallons per day from two unnamed springs for domestic and fire protection purposes. Estimated cost $1500.

4681, App. 8189 (Sierra County) issued to Margaret Judge, Gibsonville, Calif., Jan. 8, for 3 cu. ft. per second from Fourth Ravine for mining and domestic purposes, Est. cost $585.

4682, App. 8460 (Plumas County) issued to J. L. and Elizabeth Evans Robinson, Reno, Nevada, Jan. 10, for 200 acre ft. per annum by storage from Taylor Lake for domestic and stock watering purposes and irrigation of 510 acres. Est. cost $1000.

4683, App. 8414 (Siskiyou County) issued to Wm. A. Hedges, Forks of Salmon, Calif., Jan. 13, for 1.0 cu. ft. per second from Picayune Gulch for mining purposes. Est. cost $100.

4684, App. 8493 (Sierra County) issued to U. S.-Tahoe National Forest, Nevada City, Calif., Jan. 14, for 0.05 cu. ft. per second from Jerrett Spring for domestic purposes and irrigation of one acre.

4685, App. 8514 (Calaveras County) issued to Calaveras Rock, Inc., Valley Springs, Calif., Jan. 18, for 1.0 cu. ft. per second from Makelumne River for mining and domestic purposes. Est. cost $3500.

4686, App. 8462 (Santa Clara County) issued to F. G. Wool Packing Co., Inc., San Jose, Calif., Jan. 20, for 3 cu. ft. per second from Coyote River for irrigation of 15.69 acres. Est. cost, $3000.

4687, App. 8485 (Tuolumne County) issued to Oakland Area Council, Boy Scouts of America, Oakland, Calif., Jan. 22, for 0.0465 cu. ft. per second from Middle Fort Tuolumne River for domestic purposes, Est. cost $1560.

4688, App. 8478 (Plumas County) issued to John M. Duthie, Beldon, Calif. Jan. 22, for 3 cu. ft. per second from Mosquito Creek for mining and domestic purposes. Est. cost $3000.

4689, App. 8489 (Sacramento County) issued to Estate of John McCormack, Rio Vista, Calif., Jan. 22, for 3 cu. ft. per second from Snodgrass Slough, for irrigation of 417.75 acres.

4690. App. 8468 (San Bernardino Co.) issued to Forest S. and Icie Mae Perdew, Alta Loma, Calif., Jan. 23, for 0.1 cu. ft. per second from 2 tunnels in Brodek Canyon for domestic purposes and irrigation of 40 acres. Est. cost $2000.

4691, App. 8436 (Siskiyou County) issued to Fred H. Wenat, Clear Creek, Calif., Jan. 24, for 0.5 cu. ft. per second from Browns Creek for mining and domestic purposes. Est. cost $75.

4692, App. 8497 (Plumas County) issued to William Howard Emmons, La Porte, Calif., Jan. 28, for mining and domestic purposes from an unnamed stream for mining and domestic purposes. Est. cost $400.

4693, App. 8520 (Del Norte County) issued to Division of Highways, Sacramento, Calif., Jan. 30, for 4850 gals. per day from an unnamed stream for recreational purposes. Est. cost, $10.

4694, App. 8427 (Trinity County) issued to William J. Drynen, Administrator of Estate of John Sheridan, deceased, Alameda, Calif., Jan. 30, for 3 cu. ft. per second from Simpson Gulch for mining purposes. Est. cost $1200.

24— STREET LIGHTING SYSTEMS

BIDS OPENED

SAN FRANCISCO.—Geo. F. Brayer, 160 Tenth St., at $11,887 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,-919, for construction and installation of a street lighting system on Fifth Street between Market and Townsend Streets, a PWA project.

The other bids were:

Abbett Electric Co.	$12,100
Central Electric Co.	12,400

The work involves:

(1) 54 luminaries with compensators;
(2) 54 6,000 - lumen 20 - ampere Mazda street series lamps;
(3) 54 concrete foundations for standards;
(4) 9,000 ft. 1½-inch conduit;
(5) 20,000 ft. 5000-volt single conductor AWGR & L wire;
(6) 36 extra stubs in foundations.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO. — Bids for furnishing four manual control solution feed visible vacuum chlorinating machines were opened by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1509.

Bids were taken as follows:

LOT 1

(a) two manual control solution feed visible vacuum chlorinating machines, for the Calaveras Chlorinating Station;
(b) two do. for the Irvington Chlorinating Station.

LOT 2

Four beam scales, 3500-lb. capacity, 30x66-inch platform, steel frame mounting, nickel plated beam, for Calaveras and Irvington Chlorinating Stations.

Complete bids follow:

Fairbanks-Morse & Co.: Lot 2, $807.
General Pacific Scale Co. Lot 2, $952.
Howe Scale Co.: Lot 2, $1,207.
Coe-Mantes Scale Co.: Lot 2, $962.80
Wallace & Tiernan Sales Corp.: Lot 1: (a) $1,816; (b) $2,162.50; total, $8,-195.71, includign tax; Lot 2, $811.
Chemical Equipment Co. of California: Lot 1, (a) $1,110; (b) $1,310; total, $4,985.20, including tax. Lot 2, no bid.

All bids plus sales tax unless otherwise noted.

Bids held under advisement.

26—— RAILROADS

CONTRACT AWARDED

LONG BEACH, Cal.—Pacific Electric Railroad Co. awarded contract by the Long Beach city council Feb. 14 at $39,659.54 for furnishing and delivering certain relaying track materials. The bids were opened Feb. 5

BIDS OPENED

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., at $22,047.75 submitted low bid to the Public Utilities Commission, City Hall, under Municipal Railway Contract No. 172, for reconstruction of the Geary St. tracks between Powell and Kearny Streets, a PWA project.

The work involves

(1) 22,600 sq. ft. removing pavement;
(2) 2,450 ft. removing existing rail, ties and fastenings, and hauling the material to Municipal Pipe Yard, single track;
(3) 850 c.y. excavation below pave.;
(4) 250 c.y. breaking and distributing concrete sub-ballast;
(5) 480 c.y. furnishing and distributing crushed rock ballast;
(6) 2,450 ft. constructing girder rail

track, complete, includ. hauling materials, but excluding excavation, paving Thermit weld joints and bonding, single track
(7) 85 each installing Thermit weld joints;
(8) 22,600 sq. ft. asphaltic pavement on concrete base;
(9) 1,800 sq. ft. asphaltic conform pavement, including removal of existing asphalt;
(10) 600 sq. ft. concrete base for asphaltic conform pavement, including removal of existing base
(11) 2,450 ft. concrete stringer, single track.

Total bids follow:

(A) Eaton & Smith	$22,047.75
(B) Chas. L. Harney	23,727.50
(C) Lowrie Paving Co. Inc.	24,672.00
(D) Youdall Const. Co.	25,194.00
(E) E. J. Treacy	26,534.75

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$0.07	$0.15	$0.12	$0.10	$0.2125
(2)	.90	1.50	.80	1.00	.725
(3)	2.25	1.00	2.50	2.25	1.50
(4)	.50	1.00	2.50	3.00	1.50
(5)	3.00	1.00	3.00	3.00	1.75
(6)	2.30	2.65	2.50	2.60	2.95
(7)	20.00	15.00	22.00	20.00	17.00
(8)	.24	.23	.25	.27	.29
(9)	.14	.14	.15	.12	.14
(10)	.30	.25	.30	.26	.25
(11)	.65	.70	.70	.75	.75

BIDS WANTED

HICKAM FIELD, T. H.—Until Mar. 2, 2 P. M., bids will be received by Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, T. H., under Bid No. W-397-36-5, for the construction of a railroad track and sidings, standard 3-ft. gauge at Hickam Field, and the salvaging of all existing track.

Plans and specifications on file at the office of the Constructing Quartermaster, Fort Mason, San Francisco where they may be viewed by prospective bidders. * 26

27—FIRE ALARM SYSTEM

ELECTION

RED BLUFF, Tehama Co., Cal.—A proposal to levy a special tax to raise not more than $14,200 to finance installation of a fire alarm system will be placed before the voters on the April 14 ballot. Total cost of the project is estimated at $17,000.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

MARICOPA COUNTY, Cal.—Phoenix-Tempe Stone Co., Phoenix, at $64-613.59 awarded contract by the Arizona State Highway Commission at Phoenix for highway construction on the Phoenix-Prescott Highway. The work, which is located at both ends of the new bridge at Wickenburg, consists of grading and draining about .8 mile of roadway and furnishing and placing road mix and seal coat, and is to be completed on or before June 30, 1936.

COMPLETE BID LISTING

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Cos., Cal. —Bradley Truck Co., Santa Maria, at $6,678, as previously reported, submitted low bid to Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for applying diesel oil to roadside vegetation for a distance of about 200 roadside miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties, requiring 3,150 barrels of oil in place.

Complete bids follow:

Bradley Truck Co., Santa Maria: $2.12 per bbl., total $6,678.

L. A. Brisco, Arroyo Grande: $2.49 per bbl., total $7,843.50.

Edwin Pyle, Los Angeles: $2.50 per bbl., total $7,875.

Walter Roselip, San Luis Obispo: $2.53 per bbl., total $7,969.50.

Oilfields Trucking Co., Bakersfield: $2.60 per bbl., total $8,190.

TO PREPARE PLANS

WOODLAND, Yolo Co., Cal. — City Council has instructed City Engineer Asa G. Proctor to prepare plans and specifications providing for alternate bids for either 5-in. asphaltic concrete pavement or 6-in. hydraulic concrete pavement on Main Street, between Elm St. and First St. Cost of the asphaltic concrete pavement is estimated at $7469.40 and of the hydraulic concrete at $7604.40. Work will be financed by the city's share of gasoline tax funds.

BIDS WANTED

WHITE PINE COUNTY, Nev.—Until February 29, 10:30 A. M., bids will be received by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for the construction of a portion of the state highway system in White Pine County, from east foot of Connors Pass to five miles east, Route 14, Section A1, a length of approximately 5.39 miles.

The work involves:
(1) 25,650 c.y. roadway excavation;
(2) 20,134 sta. yds. overhaul;
(3) 2,660 c.y. select borrow;
(4) 210 c.y. structure excavation;
(5) 5.39 miles subgrade;
(6) 5.39 miles finishing roadway;
(7) 21,670 tons of crushed gravel or stone surfacing;
(8) 24 c.y. Class A concrete;
(9) 19 c.y. Class B concrete;
(10) 3,400 lbs. reinforcing steel;
(11) 380 l.f. 18-in. CMP;
(12) 254 l.f. 24-in. CMP;
(13) 22 each, monuments;
(14) 42 acres clearing;
(15) 1 each ,move pipe culvert headwalls.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable, and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. * 9

BIDS WANTED

STATE OF WASHINGTON.—Until March 3, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction, as follows:

Pierce County: Paving with Portland cement concrete and asphaltic concrete on about 6.1 miles of State Road No. 5, Puyallup to Tacoma, involving about 25,740 c.y. of excavation, 37,150 c.y. of selected roadway borrow, 73,796 s.y. and 568 c.y. of cement concrete pavement, 1,224 tons of asphaltic concrete pavement, 49,661 l.f. of cable guard rail design No. 5, 672 l.f. of pipe culverts and other items.

Lincoln County: Grading and surfacing on about 6.0 miles of State Rd. No. 7, Davenport South, involving about 40,570 c.y. of excavation, 24,720 c.y. of selected roadway borrow, 16,-920 c.y. of crushed stone surfacing, 775 l.f. of cable guard rail design No. 6, 701 l.f. of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2.00 per set.

BIDS WANTED

APACHE COUNTY, Arizona.—Until February 25, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction of the Showlow-Concho Highway, WPSO 104-A, AFE 609. The work, which is located between Ortega Lake and Concho, consists of grading and draining two separate sections of roadway totaling about 13.1 miles in length, and is to be completed on or before December 31, 1936.

The principal items and approximate quantities are:
66,700 cu. yds. roadway excavation;
5,400 cu. yds. drainage excavation;
1,000 cu. yds. structure excavation;
69,900 sta. yds. overhaul;
5,800 cu. yds. mi. haul;
226,200 cu. yds. imported borrow;
191,700 cu. yd. mi. imported borrow haul;
387 cu. yds. class A concrete;
23,800 lbs. reinf. steel;
2,150 lin. ft. corr. metal pipe (5 sizes);
4 each cattle guards;
14,300 lin. ft. line fence;
250 hours rolling.

Funds in the amount of $217,323.25 have been programmed for the construction of this project. T. S. O'Connell, State Highway Engineer.

NOTICE TO BIDDERS

VENTURA COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over proposed project in Imperial Co. on between Oxnard and Hueneme Road, road VII-Ven-60-A, for which bids are to be received in Los Angeles March 5th.

Said representative will meet prospective bidders at intersection of Hueneme Road and Coast Highway on Tuesday, Feb. 25, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

VENTURA COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in Ventura Co. between East Casitas Pass and Coyote Creek, road VII-Ven-151-B & C, for which bids are to be received in Los Angeles on March 5.

Said representative will meet prospective bidders at Meta Street and Ventura Ave. in Ventura on Tuesday, Feb. 25, at 12:30 P. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

IMPERIAL COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the roposed project in Imperial Co. on Calipatria-Imperial Rd., between New River and a point two miles west of Calipatria, road XI - Calipatria - Imperial Feeder Road, for which bids are to be received in Los Angeles on March 5.

Said representative will meet prospective bidders at Westmoreland post office on Monday, March 24, at 10 A.M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

CONTRACT AWARDED

STANISLAUS, Merced and Mariposa Counties, Cal.—Sheldon Oil Co., Suisun, at $2425.50 awarded contract by the State Highway Commission, Sacramento, for applying diesel oil to roadside vegetation for a distance of about 141.4 roadside miles at various locations in Stanislaus, Merced and Mariposa Counties, requiring approximately 1050 bbls. of diesel oil in place.

BIDS OPENED

SANTA BARBARA and San Luis Obispo Cos., Cal.—Heafey-Moore Co., 344 High St., Oakland, at $66,552.30 submitted low bid to the State Highway Commission, Sacramento, for about 2.4 miles grading and paving with asphalt concrete in Santa Barbara and San Luis Obispo Counties between Richfield Tower and Santa Maria River.

The work involves:
(1) 450 M. gals. water;
(2) 10,560 c.y. rdwy. excav., unclass.
(3) 900 c.y. struc. excav.;
(4) 600 c.y. ditch and channel excav.;
(5) 4,400 c.y. imported borrow;
(6) 75,000 sta. yds. overhaul;
(7) 560 c.y. removing exist. concrete;
(8) 7,600 sq. yds. preparing subgrade
(9) 127 sta. finishing rdwy.;
(10) 506 tons liquid asph. SC-2 (shoulders);
(11) 32,925 sq. yds. preparing, mixing and shaping shoulders;
(12) 3.7 tons liq. asph. SC-3 (seal coat)
(13) 42 tons screenings (seal coat);
(14) 8,075 tons asphalt concrete;
(15) 11,675 lbs. bar reinf. steel;
(16) 120 c.y. Class A Portland cement concrete (struc.);
(17) 3,300 lbs. misc. iron and steel;
(18) 125 c.y. riprap;
(19) 298 l.f. 18-in. CMP;
(20) 32 l.f. laminated guard railing;
(21) 16 each culvert markers;
(22) 6 each guide posts;
(23) 4.3 miles new property fences;
(24) 35 each drive gates;
(25) 20,900 sq. yds. asph. paint binder;
(26) 32 each monuments;
(27) 110 l.f. 30x8½ - inch part circle CM culvert.

Total bids follow:
(A) Heafey-Moore Co., Oakland, $66,552.30.
(B) Oswald Bros., Los Angeles, $67,090.55.
(C) Basich Bros. ,Torrance, $69,583.25.
(D) J. A. Casson, Hayward, $72,089.65.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.00	$ 2.20	$ 2.00	$ 2.00
(2)	.45	.47	.40	.50
(3)	1.20	1.25	.90	1.50
(4)	1.00	1.00	.50	.80
(5)	.55	.54	.60	.50
(6)	.01	.0075	.01	.008
(7)	1.90	1.75	2.50	4.00
(8)	.15	.11	.12	.20
(9)	10.00	3.00	20.00	15.00
(10)	7.20	8.65	12.00	10.00
(11)	.11	.80	.08	.08
(12)	23.00	27.00	25.00	20.00
(13)	3.00	3.40	3.50	2.50
(14)	4.70	4.80	4.65	5.13
(15)	.05	.05	.06	.048
(16)	20.00	22.00	22.00	19.00
(17)	.10	.15	.12	.05
(18)	3.00	3.00	2.00	2.00
(19)	2.50	2.00	2.00	2.00
(20)	2.00	1.25	1.50	1.75
(21)	2.00	2.25	2.00	2.00
(22)	2.00	2.00	2.00	2.00
(23)	350.00	450.00	560.00	250.00
(24)	12.00	19.00	16.00	10.00
(25)	.03	.025	.03	.025
(26)	3.00	2.75	3.00	2.75
(27)	3.80	2.50	2.25	3.00

BIDS OPENED

MENDOCINO CO., Cal.—Hemstreet & Bell, 501 11th St., P. O. Box 550, Marysville, at $341,232.50 submitted low bid to the State Highway Commission, Sacramento, for about 14.5 miles of grading in Mendocino County between Longvale and Dos Rios.

The work involves:
(1) 70 acres clearing and grubbing right of way;
(2) 325,000 c.y. rdwy. excav., unclass.
(3) 480,000 sta. yds. overhaul;
(4) 2,650 c.y. struc. excav.;
(5) 765 sta. finishing rdwy.;
(6) 3,000 l.f. round timber;
(7) 14 MFBM redwood timber, select, all-heart, structural grade;
(8) 5,580 l.f. 18-in. CMP;
(9) 980 l.f. 24-in. CMP;
(10) 310 l.f. 30-in. CMP;
(11) 600 l.f. 36-in. CMP;
(12) 3,250 l.f. timber surf. culverts.

Total bids follow:
(A) Hemstreet and Bell, Marysville, $341,232.50.
(B) Union Paving Co., San Francisco, $345,762.50.
(C) Granfield-Farrar & Carlin, San Francisco, $347,420.80.
(D) George Pollock Co., Sacramento, $354,985.00.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$100.00	$400.00	$725.00	$400.00
(2)	.90	.84	.73	85
(3)	.03	.015	.02	.03
(4)	1.50	1.75	2.50	2.00
(5)	5.00	5.00	15.00	5.00
(6)	.50	1.25	2.50	1.50
(7)	80.00	150.00	100.00	80.00
(8)	1.55	2.50	1.76	2.00
(9)	2.90	3.00	3.50	3.00
(10)	3.15	3.50	4.50	4.00
(11)	4.70	5.00	5.50	5.00
(12)	.50	.70	1.50	1.00

BIDS WANTED

MONTEREY CO., Calif.—Until Mar. 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 8.3 miles grading and surfacing with plant-mixed surfacing in Monterey County between Soledad and Gonzales.

The work involves:
(1) 1,870 M. gals. water;
(2) 47,000 c.y. rdwy. excav., unclass.;
(3) 709,500 sta. yds. overhaul;
(4) 11,300 c.y. imported borrow;
(5) 1,840 c.y. sand;
(6) 32,600 sq. yds. blending shoulders
(7) 700 c.y. ditch and channel excav.
(8) 820 c.y. struc. excav.;
(9) 160 c.y. existing concrete to be removed and disposed of;
(10) 437 sta. finishing rdwy.;
(11) 7,900 tons crusher run base;
(12) 16,950 tons mineral aggregate (plant-mixed surfacing);
(13) 76 tons liquid asph. MC-2 (prime coat, plant-mixed surfacing);
(14) 107 tons liquid asph. SC-2 (prime coat, shoulders);
(15) 1,020 tons liquid asphalt ROMC-3 or ROMC-4 or ROMS-5 (plant mixed surfacing);
(16) 83 tons liquid asph. MC-3 (seal coat);
(17) 640 tons screenings (seal coat);
(18) 960 tons liquid asph. SC-2 (shoulders);
(19) 78,700 sq. yds. preparing, mixing and shaping shoulders;
(20) 37 c.y. Class A Portland cement concrete (struc.);
(21) 1,400 lbs. bar reinf. steel;
(22) 2 ea. cast steel frames and covers
(23) 106 l.f. 12-in. CMP;
(24) 1,224 l.f. 18-in. CMP;
(25) 914 l.f. 24-in. CMP;
(26) 353 l.f. existing culverts cleaned and relaid;
(27) 268 l.f. existing culverts cleaned and salvaged;
(28) 90 each culvert markers;
(29) 27 each guide posts;
(30) 0.25 mile new property fence;
(31) 3 each drive gates;
(32) 57 each monuments, complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

BIDS WANTED

KERN COUNTY, Calif.—Until Mar. 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 4.9 miles grading, applying road-mix surface treatment, and constructing a timber bridge in Kern County between Eric and La Rose.

The work involves:
(1) 1,525 M. gals. water;
(2) 160,000 c.y. rdwy. excav., unclass.
(3) 1,700 c.y. struc. excav.;
(4) 4,850 c.y. ditch excav.;
(5) 17,000 c.y. imported borrow;
(6) 775,000 sta. yds. overhaul;
(7) 257 sta. finishing rdwy.;
(8) 470 tons liquid asphalt SC-3 or SC-4 (road-mix surf. treatment)
(9) 58,000 sq. yds. preparing, mixing, and shaping roadbed;
(10) 60 tons liquid asphalt SC-3 or SC-4 (penetration oil treatment)
(11) 1,650 lbs. bar reinf. steel;
(12) 45 c.y. Class A Portland cement concrete (struc.);
(13) 26 c.y. Class B do;
(14) 23.5 MFBM dense select, all-heart struc. redwood timber;
(15) 14 MFBM select, do;
(16) 628 l.f. 8-in. CMP;
(17) 14 l.f. 18-in. CMP;
(18) 1,614 l.f. 24-in. CMP;
(19) 352 l.f. 30-in. CMP;
(20) 56 each spillway assemblies;
(21) 870 each guide posts;
(22) 40 each culvert markers;
(23) 1.0 mile new property fence;
(24) 1.0 mile property fences removed and disposed of;
(25) 2 each drive gates;
(26) 85 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Bishop. *

BIDS WANTED

MARIN COUNTY, Cal.—Until Mar. 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.4 miles surfacing with crusher run base, plant-mixed surfacing and armor coat, in Marin County between Route 1 and Point San Quentin.

The work involves:
(1) 75 M. gallons water;
(2) 1,200 c.y. selected material;
(3) 1,850 tons crusher run base;
(4) 4,000 tons mineral aggregate (plant-mixed surfacing);
(5) 210 tons liquid asphalt MC-5 or MC - extra heavy (plant-mixed surfacing);
(6) 27 tons liquid asph. MC-2 (prime coat, plant-mixed surf.);
(7) 18 tons liquid asphalt MC-3 (seal coat, plant-mixed surf.);
(8) 200 tons screenings (do);
(9) 7 tons liquid asphalt 90-95 (armor coat);
(10) 135 tons screenings (armor coat);
(11) 40 tons liquid asph. SC-1A (armor coat and shoulder seal coat);
(12) 19 tons liquid asph. SC-2 (shoulder seal coat);
(13) 142 tons screenings (do).

Plans and specifications obtainable from the office of the State Highway Engineer P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Basich Bros., 20550 Normandie Ave., Torrance, at $297,396.70 awarded contract by the State Highway Commission, Sacramento, for about 3.3 miles grading in San Diego County on Palomar Mountain Road, between Iron Spring Creek and the Observatory site.

CONTRACT AWARDED

TUCSON, Ariz.—White & Miller, Tucson, have been awarded the contract by the Tucson City Council at about $77,000 for paving portions of Fifth, Third and Second Aves., with cut-back type asphalt pavement. The work is being paid for by 45% PWA grant and 5% by property owners.

LOW BIDDER

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties—Bradley Truck Co., Santa Maria, at $6678 submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for applying diesel oil to roadside vegetation for a distance of about 200 roadside miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties.

Complete bids will be published shortly. *

BIDS WANTED

REDWOOD CITY, San Mateo Co., Cal.—Bids are being received by the Friend Realty Co., 625 Market Street, San Francisco, for approximately 22,000 sq. yds. of macadam road surfacing. *

SANTA CRUZ COUNTY — 3.9 MI. GRADE & SURFACE — (STATE)

SANTA CRUZ CO., Cal.—Peninsula Paving Co., 9 Main St., San Francisco, at $202,613 (Alt. A, crusher run base and natural rock asphalt surfacing) submitted low bid to State Highway Commission at Sacramento for about 3.9 miles grading and surfacing with crusher run base and natural rock asphalt or crusher run base and plant-mixed surfacing in Santa Cruz County between Scotts Valley and one mile north of Santa Cruz.

Young & Son Co., Ltd., 599 Colusa Ave., Berkeley, at $204,450 submitted low bid on Alternate B (crusher run base and plant-mixed surfacing).

The work involves:

(1) 208 stations clearing and grubbing right of way;
(2) 1,800 M. gals. water;
(3) 255,000 c.y. rdwy. excav., unclass.
(4) 5,600 c.y. struc. excav.;
(5) 900,000 sta. yds. overhaul;
(6) 208 sta. finishing rdwy.;
(7) 130 c.y. Class A Portland cement concrete (struc.);
(8) 8,000 lbs. bar reinf. steel (struc.)
(9) 950 l.f. 8-in. CMP;
(10) 180 l .f. 12-in. CMP;
(11) 1,200 l.f. 18-in. CMP;
(12) 292 l.f. 24-in. CMP;
(13) 174 l.f. 30-in. CMP;
(14) 270 l.f. 60-in. CMP 8-gauge;
(15) 110 l.f. 72-in. CMP 10-gauge;
(16) 190 l.f. 72-in. CMP 8-gauge;
(17) 34 each spillway assemblies;
(18) 9,000 l.f. 8-in. perf. metal pipe underdrains;
(19) 1,620 c.y. rock filling material (underdrains);
(20) 478 l.f. existing pipe culverts removed, cleaned and relaid;
(21) 427 l.f. existing pipe culverts, removed, cleaned and salvaged;
(22) 70 l.f. 8-in. vit. clay pipe;
(23) 1,100 l.f. laminated guard railing;
(24) 1,140 l.f. existing guard railing removed and stockpiled;
(25) 54 each culvert markers;
(26) 1,000 each guide posts;
(27) 5.0 miles new property fence:
(28) 23 each 14 ft. drive gates;
(29) 7 each 12 ft. drive gates;
(30) 1,700 c.y. existing concrete removed and disposed of;
(31) 113 each monuments complete in place;
(32) 100 tons of liquid asphalt SC-1A (shoulders);
(33) 70 tons liquid asph. SC-2 (shoulders);
(34) 440 tons screenings (shoulders);

ALTERNATIVE A

(35) 34,250 tons crusher run base;
(36) 6,600 tons natural rock asphalt;
(37) 90 tons emulsified asphalt 95 plus (prime coat);
(38) 215 tons screenings (prime coat);

ALTERNATIVE B

(39) 32,350 tons crusher run base;
(40) 74 tons liquid asph. MC-2 (prime coat);
(41) 9,250 tons mineral aggregate (plant-mixed surfacing);
(42) 450 tons liquid asphalt MC-4 or MC-5 (plant-mixed surf.);
(43) 50 tons liquid asphalt MC-3 (seal coat);
(44) 430 tons screenings (seal coat).

NOTE: Alternative A sets forth the necessary items for the construction of the central portion of the roadbed with crusher run base and natural rock asphalt surfacing; Alternative B sets forth the items for constructing the same area with crusher run base and plant-mixed surfacing.

Following are the preliminary unofficial totals:

(A) Peninsula Paving Co., San Francisco, Alternate A, $202,613; Alternate B, $206,260.00.
(B) David H. Ryan, San Diego: (A) $203,470; (B) .....
(C) Young & Son Co., Ltd., Berkeley, (A) $204,450; (B) $204,450.
(D) R .R. Carlson, Stockton, (A) $206-055; (B) $206,433.
(E) Poulos & McEwen, Sacramento, (A) $211,097; (B) .....
(F) Mittry Bros., Los Angeles, (A) $218,082; (B) $220,711.
(G) Union Paving Co., San Francisco, (A) .....; (B) $219,479.
(H) A. J. Raisch, San Jose, (A) $224-201; (B) $224,027.
(I) Gibbons & Reed Co., Burbank, (A) $234,313; (B) $238,763.
(J) A. Teichert & Son, Inc., Sacramento, (A) $240,926; (B) $235,803.
(K) Hanrahan Co., San Francisco (A) $252,053; (B) .....
(L) Wood & Bevanda, Stockton, (A) $268,364; (B) $294,872.
(M) V. R. Dennis Const. Co., San Diego, (A) $282,252; (B) $280,710.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1)	$40.00	$36.00	$24.00	$25.00	$47.00	$25.00	$50.00	$20.00	$33.00	$37.00	$60.00	$11.50	$100.00
(2)	1.25	1.20	1.60	1.25	1.00	.50	.50	1.50	2.40	2.00	1.50	2.30	2.50
(3)	.24	.22	.22	.24	.22	.245	.24	.25	.286	.26	.33	.345	.35
(4)	1.00	1.00	.90	1.00	1.25	1.00	1.00	1.50	1.05	1.25	1.00	.92	1.00
(5)	.005	.0025	.006	.005	.005	.005	.005	.005	.0045	.005	.005	.005	.003
(6)	5.00	5.00	5.00	10.00	5.00	8.00	5.00	3.50	4.40	10.00	8.00	11.50	5.00
(7)	25.00	21.60	22.00	28.00	20.00	25.00	20.00	18.00	25.00	27.50	23.00	20.70	22.00
(8)	.06	.05	.06	.06	.05	.05	.06	.05	.06	.06	.06	.06	.10
(9)	.90	.95	.90	1.25	1.00	1.00	1.15	1.00	1.00	1.10	1.00	1.15	1.10
(10)	1.10	1.25	1.15	1.75	1.25	1.25	1.50	1.25	1.30	1.40	1.20	1.45	1.75
(11)	1.50	1.70	1.75	2.00	1.80	1.75	2.00	1.75	1.80	2.00	.70	2.02	2.00
(12)	2.50	2.65	2.50	3.00	2.70	2.75	3.00	2.75	2.70	2.80	2.70	2.88	3.00
(13)	3.00	3.30	3.00	5.00	3.45	3.20	3.75	3.25	3.40	3.50	3.40	3.45	4.00
(14)	14.00	12.80	12.00	12.00	14.50	12.00	16.00	12.25	14.30	14.80	14.00	14.38	17.00
(15)	15.00	13.60	12.80	17.00	14.25	13.50	15.00	12.80	14.25	15.60	15.00	14.38	18.00
(16)	17.00	15.55	15.00	18.00	16.00	17.50	18.00	15.30	16.40	18.00	18.00	16.10	20.00
(17)	15.00	12.70	14.00	15.00	12.00	20.00	15.00	15.00	15.00	16.00	15.00	13.80	15.00
(18)	.90	.95	.88	1.00	.90	1.00	1.00	1.25	1.00	1.10	1.00	1.15	1.10
(19)	2.75	2.45	2.85	2.00	2.00	4.00	4.00	2.50	3.80	4.00	2.90	3.45	3.75
(20)	.50	1.50	1.00	1.50	2.50	1.50	.75	1.00	1.00	1.00	.50	1.45	1.00
(21)	.50	1.00	.75	.50	2.00	1.50	.50	.60	.755	.75	.40	1.45	.75
(22)	1.00	1.20	.75	1.25	1.00	1.25	1.00	.90	.60	.80	.70	1.15	1.00
(23)	1.00	1.10	1.10	1.00	1.25	2.50	1.00	1.10	1.00	1.00	1.00	1.04	1.00
(24)	.10	.30	.10	.25	.50	.50	.25	.40	.10	.40	.25	.58	.50
(25)	2.00	1.50	2.00	2.00	1.00	2.00	2.00	2.50	1.65	2.50	2.00	2.30	2.00
(26)	1.75	1.50	2.00	1.50	1.00	2.00	2.00	2.00	1.65	2.50	1.70	2.30	2.00
(27)	750.00	650.00	800.00	400.00	630.00	650.00	500.00	750.00	575.00	780.00	840.00	460.00	700.00
(28)	25.00	20.00	18.00	20.00	20.00	18.00	16.00	20.00	13.00	16.00	24.00	13.80	15.00
(29)	20.00	18.00	14.00	20.00	20.00	16.00	15.00	17.50	12.00	15.00	22.00	16.10	15.00
(30)	1.25	1.10	2.50	1.50	1.00	2.50	2.00	2.00	2.20	2.50	1.40	2.30	3.00
(31)	3.00	1.50	2.75	3.00	3.00	3.00	2.50	3.00	2.75	3.00	3.00	2.30	3.00
(32)	12.00	15.60	12.50	14.00	14.00	12.00	14.00	12.00	11.40	16.00	15.50	10.35	15.00
(33)	12.50	16.80	13.70	15.50	15.00	13.50	15.00	13.00	12.50	16.00	15.00	11.50	16.00
(34)	3.00	2.40	2.90	3.50	3.00	2.80	3.00	3.00	3.15	3.20	3.30	3.45	4.00
ALTERNATE "A"													
(35)	1.40	1.65	1.60	1.40	1.70	1.65	.....	1.73	1.70	1.82	1.86	2.30	1.80
(36)	3.90	4.10	4.00	4.50	3.40	4.20	.....	4.75	4.75	4.66	4.22	4.89	5.35
(37)	21.00	23.00	23.00	25.00	20.00	20.00	.....	20.00	21.50	27.00	25.00	9.20	25.00
(38)	3.00	2.70	2.90	3.50	3.00	2.80	.....	3.00	3.15	4.00	3.30	3.45	4.00
ALTERNATE "B"													
(39)	1.40	.....	1.60	1.40	.....	1.65	1.45	1.74	1.72	1.82	.....	2.30	1.80
(40)	20.00	.....	20.25	15.00	.....	18.00	22.00	20.00	19.40	32.50	.....	11.50	22.00
(41)	2.45	.....	2.55	2.50	.....	2.80	3.00	2.38	3.15	2.00	.....	5.75	3.00
(42)	18.00	.....	17.00	20.00	.....	14.50	20.00	24.00	18.00	20.00	.....	18.40	18.00
(43)	21.00	.....	23.00	20.00	.....	18.50	20.00	20.00	19.35	22.00	.....	18.40	22.00
(44)	3.00	.....	2.90	3.50	.....	2.80	3.00	3.00	3.15	3.20	.....	3.45	4.00

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the special provisions. Blue prints of the layout sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sac-in Los Angeles, Thursday, March 5: in Los Angeles, Thursady, March 5:

I-Hum-1-G, Eur, in Eureka between south city limits and Wabash Ave., bids to be opened March 4: PLANS: (No. of Sheets) 6 (Cost) $.60; CROSS-SECTIONS (No. of Sheets) 25 (Cost) $2.50; (Total) $3.10.

VII-Ven-60-A, Oxnard to Hueneme Road, bids to be opened March 5: PLANS (No. of Sheets) 16 (Cost) $1.60 CROSS-SECTIONS (No. of Sheets) 66 (Cost) $6.60; (Total) $8.20.

VII-Ven-151-B,C, East Casitas Pass to Coyote Creek, bids to be opened March 5: PLANS (No. of Sheets) 9 (Cost) $.90; CROSS-SECTIONS (No. of Sheets) 76 (Cost) $7.60; (Total) $8.50.

XI-Imp-Feeder, Calipatria-Imperial Road, bids to be opened March 5: PLANS: (No. of Sheets) 26; (Cost) $2.60; CROSS-SECTIONS (No. Sheets) 89 (Cost) $8.90; (Total) $11.50.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento. 9

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $464,533 awarded contract by the State Highway Commission, Sacramento, for 3.7 miles of grading on Sepulveda Blvd., between San Fernando Road and Brand Blvd. in Los Angeles.

MONTEREY COUNTY — 6.8 M. GRADE AND PAVE — (STATE

MONTEREY COUNTY, Cal.—Peninsula Paving Co., 9 Main Street, San Francisco, at $316,342.70 submitted low bid to the State Highway Commission, Sacramento, for about 6.8 miles grading and paving with Portland cement concrete and constructing a reinforced concrete bridge in Monterey County between Bradley and 6 miles south of San Ardo.

The work involves:

(1) 362 sta. clearing and grubbing right-of-way;
(2) 2540 M gals. water;
(3) 241,000 cu. yds. rdwy. excav. unclass.;
(4) 2,940,000 sta. yds. overhaul;
(5) 4850 cu. yds. ditch and channel excavation;
(6) 6785 cu. yds. struc. excav.;
(7) 1510 cu. yds. removing existing concrete;
(8) 11,000 cu. yds. imported borrow;
(9) 225 tons asphaltic cement Grade E (roadbed seal);
(10) 80,300 sq. yds. preparing subgrade for pavement;
(11) 362 sta. finishing roadway;
(12) 75,000 sq. yds. preparing, mixing and shaping shoulders, detours, and road approaches (road mix surface treatment);
(13) 770 tons liq. asphalt SC-2 (road mix surface treatment);
(14) 2550 cu. yds. salvaging detour surfacing;
(15) 15,770 cu. yds. Class A Portland cement concrete (pavement);
(16) 254,500 lbs. bar reinf. steel (pave and strucs.);
(17) 32,460 each pave dowels;
(18) 10 each pavement crossing devices (Type A-20);
(19) 1180 cu. yds. Class A Portland cement concrete (strucs.);
(20) 66 cu. yds. Class A Portland cement concrete (footing blocks);
(21) 252 lin. ft. timber railing;
(22) 260 cu. yds. dry rubble;
(23) 518 lin. ft. 8-in. CMP;
(24) 1434 lin. ft. 18-in. CMP;
(25) 502 lin. ft. 24-in. CMP;
(26) 264 lin. ft. 30-in. CMP;
(27) 198 lin. ft. 36-in. CMP;
(28) 62 lin. ft. 54-in. CMP 12 gauge;
(29) 124 lin. ft. 54-in. CMP 8-gauge;
(30) 280 lin. ft. 8-in. perf. metal pipe (underdrains);
(31) 75 cu. yds. rock filling material (underdrains);
(32) 45 each spillway assemblies;
(33) 1790 sq. yds. paved gutters and inlet aprons;
(34) 980 lin. ft. laminated guard railing;
(35) 63 each culvert markers;
(36) 349 each guide posts;
(37) 10.0 miles new property fence (Type A);
(38) 3.8 miles new property fence (Type B);
(39) 36 each drive gates;
(40) 120 each monuments.

Total bids follow:

(A) Peninsula Paving Co., San Francisco, $316,342.70.
(B) David H. Ryan, San Diego, $327,008.25.
(C) Wood & Bevanda, Stockton, $346,774.65.
(D) N. M. Ball Sons Co. and Bodenhamer Constr. Co., Oakland, $348,998.90.
(E) Union Paving Co., San Francisco, $349,149.50.
(F) A. Teichert & Son, Inc., Sacramento, $354,791.40.
(G) Heafey - Moore Co., Oakland, $358,867.82.
(H) Oswald Bros., Los Angeles, $365,673.60.
(I) V. R. Dennis Constr. Co., San Diego, $375,900.60.
(J) J. E. Haddock, Ltd., Pasadena, $387,815.50.
(K) Mittry Bros., Los Angeles, $390,815.
(L) Hanrahan Co., San Francisco, $393,711.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	$ 10.00	$ 9.60	$ 10.00	$ 15.00	$ 15.00	$ 15.00	$ 10.00	$ 4.25	$ 20.00	$ 10.00	$ 10.00	$ 10.00
(2)	1.10	1.00	2.00	1.25	.50	1.00	.50	2.60	2.00	2.00	3.00	.31
(3)	.20	.27	.25	.27	.24	.25	.24	.28	.26	.31	.32	.28
(4)	.005	.0025	.005	.005	.003	.004	.003	.003	.004	.005	.005	.0025
(5)	.50	1.00	.50	.90	.40	.60	1.00	.85	.75	1.00	.60	.50
(6)	.80	.75	.75	1.00	1.00	1.00	1.00	1.40	.50	1.50	1.50	1.40
(7)	1.30	1.00	1.50	2.00	2.50	2.00	1.50	1.50	2.00	2.50	3.00	1.00
(8)	.55	.70	.75	.60	1.00	.57	.65	.54	.75	.60	.50	.75
(9)	25.00	20.00	25.00	20.00	20.00	20.00	19.50	26.00	25.00	22.00	32.00	24.00
(10)	.07	.10	.10	.09	.08	.10	.09	.09	.12	.11	.10	.10
(11)	5.00	5.00	10.00	6.00	5.00	5.00	10.00	3.25	10.00	10.00	10.00	10.00
(12)	.05	.05	.06	.05	.07	.05	.07	.055	.06	.07	.12	.06
(13)	13.50	17.00	12.00	11.00	13.00	11.00	12.00	11.00	12.00	12.50	13.00	19.00
(14)	.80	.50	1.00	1.00	.50	.90	1.40	1.00	1.50	.50	1.00	1.20
(15)	8.90	8.40	9.50	9.50	10.00	10.00	9.98	9.80	10.00	10.00	9.50	10.65
(16)	.05	.05	.05	.05	.05	.05	.06	.055	.06	.06	.055	.07
(17)	.16	.15	.15	.14	.16	.15	.12	.14	.16	.15	.15	.25
(18)	75.00	100.00	100.00	75.00	70.00	75.00	70.00	120.00	100.00	40.00	200.00	90.00
(19)	18.00	20.00	17.50	17.50	18.00	21.75	20.00	26.00	24.00	22.00	19.00	27.00
(20)	14.00	25.00	15.00	15.00	16.00	20.75	23.00	40.00	24.00	22.00	10.00	22.00
(21)	1.00	1.50	1.50	2.00	1.20	1.25	.80	1.20	1.00	1.00	2.75	1.70
(22)	2.00	5.00	2.50	5.00	8.00	7.50	2.00	6.00	6.00	5.00	9.00	6.00
(23)	.75	1.00	.90	1.00	1.00	1.00	1.00	1.00	1.00	.90	1.10	1.20
(24)	1.40	1.70	1.80	1.75	2.00	1.75	2.00	1.75	2.00	1.60	2.10	1.80
(25)	2.25	2.60	2.75	2.25	3.00	2.75	2.75	2.65	3.00	2.45	3.20	2.70
(26)	2.75	3.30	3.25	3.00	4.00	3.25	3.72	3.40	4.00	3.10	3.75	3.50
(27)	4.25	5.20	5.00	4.50	5.00	5.00	5.33	5.00	6.00	4.80	5.80	5.50
(28)	7.50	8.20	7.00	9.00	9.00	8.20	9.37	8.50	9.00	7.60	10.00	10.00
(29)	10.50	11.40	10.50	12.00	14.00	11.50	12.44	12.00	13.00	11.00	15.00	14.00
(30)	.80	1.00	.90	1.20	1.00	1.00	1.00	1.00	1.00	.90	1.10	1.00
(31)	3.25	2.50	3.50	3.50	3.00	5.00	3.50	4.00	3.00	5.00	4.50	1.40
(32)	15.00	13.00	14.00	15.00	15.00	15.00	13.00	15.00	15.00	15.00	20.00	15.00
(33)	1.05	.50	1.25	.30	1.25	1.25	1.50	1.00	1.50	1.50	1.50	1.40
(34)	1.00	1.50	1.00	1.00	1.00	1.00	1.25	1.00	1.00	1.00	3.00	1.00
(35)	1.75	1.50	2.50	2.00	2.00	2.50	2.00	2.00	2.00	2.50	2.00	2.00
(36)	1.50	1.50	2.50	2.00	2.00	2.50	2.00	1.60	2.00	2.00	2.50	1.70
(37)	500.00	400.00	425.00	500.00	450.00	450.00	550.00	435.00	500.00	600.00	550.00	550.00
(38)	600.00	500.00	500.00	650.00	500.00	600.00	750.00	600.00	700.00	850.00	650.00	700.00
(39)	23.00	20.00	15.00	16.00	15.00	20.00	15.00	16.00	15.00	15.00	28.00	21.00
(40)	3.00	2.00	3.00	3.00	3.00	3.00	2.50	3.00	3.00	3.00	4.00	3.00

CONTRACT AWARDED

SOLANO AND SAN JOAQUIN COS. Cal.—Sheldon Oil Co., Suisun, at $2,208.90 awarded contract by the State Highway Commission, Sacramento, for applying diesel oil to roadside vegetation for a distance of about 128.1 roadside miles at various valley locations on the westerly side of San Joaquin Valley in Solano and San Joaquin Counties, requiring approximately 1110 bbls. of diesel oil in place.

CONTRACT AWARDED

SAN JOAQUIN, Stanislaus, Calaveras, Amador, Tuolumne and Mariposa Counties, Cal.—Sheldon Oil Co., Suisun, at $2811.20 awarded contract by the State Highway Commission, Sacramento, for applying diesel oil to roadside vegetation for a distance of about 156.7 roadside miles at various valley locations on the east side of the San Joaquin Valley in San Joaquin, Stanislaus, Calaveras, Amador, Tuolumne and Mariposa Counties, requiring approximately 1255 bbls. of oil.

CONTRACT AWARDED

AMADOR, Calaveras, Tuolumne & Stanislaus Counties, Cal. — Sheldon Oil Co., Suisun, at $3037.80 awarded contract by the State Highway Commission, Sacramento, for applying approximately 1245 bbls. of diesel oil to roadside vegetation for a distance of 185.1 roadside miles at various foothill and mother lode locations in Amador, Calaveras, Tuolumne, and Stanislaus Counties.

CONTRACT AWARDED

KLAMATH COUNTY, Ore.—Dunn & Baker, Klamath Falls, at $32,783 awarded contract by R. H. Baldock, State Highway Engineer, Portland, February 10, for 6.75 miles regrading and resurfacing on the Dairy-Bonanza Section of Dairy-Bonanza Highway in Klamath County.

Bids were opened by the Highway Commission, February 6 and referred to the engineer with power to award contract.

BIDS WANTED

STATE OF WASHINGTON—Until February 25, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction, as follows:

Thurston County: Paving with asphaltic concrete on about 1.4 miles of State Road No. 1 Capitol Way in Olympia, involving about 4748 tons of asphaltic concrete and other items.

Grays Harbor County: Paving with Portland cement concrete and asphaltic concrete and constructing asphaltic concrete sidewalks and shoulders on about 1.9 miles of State Road No. 9, City Streets in Hoquiam, involving about 93 cubic yards of cement concrete pavement, 175 square yards of cement concrete sidewalk, 3432 tons of asphaltic concrete, 160 linear feet of pipe culverts and other items.

Kittitas County: Grading and ballasting on about 5.3 miles of State Road No. 7, High-Line Canal to Summit, involving about 172,820 cubic yards of excavation, 30,000 cubic yards of ballast, 1572 linear feet of pipe culverts and other items.

Kitsap County: Paving with Portland cement concrete and asphaltic concrete on about 0.4 miles of State Road No. 21, Sixth Street in the City of Bremerton involving about 224 square yards of cement concrete pavement, 451 cubic yards of cement concrete pavement widening and patching, 763 tons of asphaltic concrete, 118 linear feet of pipe culverts and other items.

Klickitat County: Grading and surfacing about 2.2 miles of county road, Goodnoe Hills Vicinity, involving about 76,560 cu. yds. of excavation, 3610 cu. yds. of crushed stone surfacing, 1602 lin. ft. of pipe culverts and other items.

Cowlitz County: Clearing, grading, surfacing and constructing a light bituminous surface treatment on about 1.9 miles of county road, Hillside Acres Road, involving about 7 acres of clearing, 12,650 cu. yds. of excavation, 8120 cu. yds. of crushed stone surfacing and ballast, 41 tons of bituminous cement, 937 linear feet, of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2.

SAN FRANCISCO — Bay Bridge Approach Mains — (City)

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at $29,962.42 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,904, for installing the San Francisco Bay Bridge approach extension to the auxiliary water supply system for fire protection, a PWA project.

The pipe line will be located chiefly in Perry St. and will follow the Bay Bridge approach from Fifth St. to First St.

The work involves:

Cast Iron Pipe and Special Castings in Place

(1) 96 lin. ft. 20-in. Cl. H bell and spigot, lugged;
(2) 60 lin. ft. 16-in. Cl. H bell and spigot, lugged;
(3) 294 lin. ft. 14-in. Cl. H double spigot, lugged;
(4) 72 lin. ft. 12-in. Cl. H double spigot, lugged;
(5) 1835 lin. ft. 10-in. Cl. H bell and spigot, plain;
(6) 396 lin. ft. 10-in. Cl. H bell and spigot, lugged;
(7) 1363 lin. ft. 10-in. Cl. H double spigot, plain;
(8) 516 lin. ft. 10-in. Cl. H double spigot, lugged;
(9) 542 lin. ft. 8-in. Cl. H bell and spigot, lugged;

NOTE: Items 1 to 9 inclusive, cast iron pipe and part of the special castings, will be furnished by the city. Such special castings as the city does not have in stock shall be furnished by the contractor as hereinafter called for.

(10) 6 each 10-in. gate valves, furnished, tested and delivered;
(11) 2 each 18-in. vertical gate valves, reconditioned;
(12) 1 each 18-in. vertical gate valve, in place;
(13) 2 each 14-in. gate valves, in place
(14) 1 each 12-in. gate valve, in place
(15) 13 each 10-in. gate valves, in place;
(16) 9 each 8-in. gate valves, in place
(17) 9 each Std. H.P. hydrants, in place;

NOTE: Items 11 to 17 inclusive, some 10-in. gate valves shall be furnished by the contractor under Item 10. Balance of gate valves and the hydrants will be furnished by the city.

(18) 28963 lbs. pig lead, furnished and delivered;
(19) 13879 lbs. cast steel special castings, furnished and delivered;
(20) 28746 lbs. cast iron special castings, furnished and delivered;
(21) 13061 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed;
(22) 25031 lbs. wrought iron bolts, nuts and washers, furnished and placed;
(23) 2009 lbs. reinforcing steel furnished and placed;
(24) 33 cu. yds. Class B concrete, in place;
(25) 2807 cu. yds. excavation and backfill;
(26) 7985 sq. ft. asphalt-concrete pavement (1½-in.-1½-in.-8-in) Class F concrete;
(27) 400 sq. ft. asphaltic concrete wearing surface (2-in. thick);
(28) 3011 sq. ft. concrete sidewalks, one course;
(29) 7 cu. yds. crushed rock furnished and placed;
(30) 8 tons B & S or D. S. pipe without lugs. In classes "G" and "H" and nominal diameters of 8-in. to 20-in. inclusive;
(31) 6 tons B & S or D. S. pipe with lugs. In classes "G" and "H" and nominal diameters of 8-in. to 20-in. inclusive.

NOTE: Items 18 to 31 inclusive, all materials, including pipe, shall be furnished by the contractor.

Total bids follow:

(A) Chas. L. Harney	$29,962.42
(B) Eaton & Smith	32,158.75
(C) E. J. Treacy	32,238.55
(D) M. J. Lynch	33,959.35
(E) Herman Lawson	34,431.15
(F) MacDonald & Kahn	36,423.80
(G) Fay Improvement Co.	40,606.41

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 9.00	$ 7.00	$ 3.13	$ 6.00	$ 6.00	$ 6.00	$ 1.98
(2)	5.00	7.00	3.00	5.00	6.00	5.00	1.98
(3)	3.00	2.60	2.70	3.00	4.00	4.00	1.98
(4)	2.50	2.40	4.00	5.00	5.00	4.00	1.74
(5)	1.50	1.70	2.35	1.50	2.35	4.00	1.51
(6)	1.80	1.90	2.55	1.75	2.50	4.00	1.74
(7)	1.70	1.90	2.40	1.75	3.00	4.00	1.51
(8)	2.50	1.90	2.85	2.00	2.00	4.00	1.74
(9)	2.20	7.00	2.80	2.00	3.00	4.00	1.74
(10)	280.00	300.00	238.00	240.00	270.00	250.00	263.00
(11)	150.00	150.00	127.00	150.00	140.00	150.00	140.00
(12)	100.00	63.00	25.00	100.00	100.00	50.00	43.00
(13)	75.00	45.00	20.00	50.00	93.00	40.00	43.00
(14)	60.00	36.00	20.00	40.00	80.00	30.00	43.00
(15)	30.00	27.00	15.00	15.00	40.00	30.00	17.65
(16)	20.00	22.00	15.00	10.00	25.00	40.00	11.75
(17)	30.00	27.00	20.00	12.00	20.00	50.00	27.50
(18)	.045	.038	.04	.05	.04	.03	057
(19)	.20	.18	.20	.22	.20	.15	.26
(20)	.05	.08	.07	.08	.08	.05	.09
(21)	.06	.11	.09	.10	.08	.04	.115
(22)	.08	.08	.0925	.12	.08	.07	.12
(23)	.05	.03	.05	.05	.03	.05	.055
(24)	25.00	8.00	20.00	30.00	15.00	10.00	30.00
(25)	2.00	1.00	1.50	2.00	1.75	1.00	4.30
(26)	.10	.24	.16	.28	.12	.16	.35
(27)	.10	.11	.10	.12	.05	.09	.10
(28)	.10	.20	.12	.12	.12	.10	.15
(29)	3.00	3.00	3.00	3.00	1.50	3.00	3.00
(30)	20.00	50.00	50.00	70.00	40.00	60.00	52.00
(31)	30.00	60.00	60.00	80.00	50.00	50.00	62.00

BIDS WANTED

MOHAVE COUNTY, Arizona.—Until February 25, 2:30 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction of the Kingman-Boulder Dam Highway WPSS 102-A&B; A.F.E. 6907; WPSS 102-C.; AFE 6910.

The work, which begins about 30 miles northwest of Kingman and extends northwesterly about 19 miles, consists of oil processing by the road mix method, using cutback asphalt, and is to be completed on or before December 31, 1936. The principal items and approximate quantities are:

315,100 sq. yds. reshaping road surface;
450 M. gal. sprinkling;
370 hours rolling;
9,000 tons aggregate base course (CIP);
10,900 tons shoulder material (CIP);
31,300 tons mineral aggregate (CIP);
1,390 tons cutback asphalt;
470 tons emulsified asphalt;
19.15 miles processing road mix;
3,400 tons screenings;
2,500 cu. yds. stripping pits.

Funds in the amount of $130,000 have been programmed for the construction of this project. T. S. O'Connell, State Highway Engineer

BIDS WANTED

NAVAJO AND APACHE COUNTIES, Arizona.—Until February 25, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for the construction of the Showlow-Springerville Highway, WPH 105-B; A.F.E. 6022.

The work, which begins about 17 miles east of Showlow and extends easterly for a distance of 10 miles, consists of grading, draining and placing aggregate base course, and is to be completed on or before January 31, 1937.

The principal items and approximate quantities are:

44,400 cu yds. roadway excavation;
1,400 cu. yds. structure excavation;
2,600 cu. yds. rock fill;
156,700 cu. yds. imported borrow;
150,800 cu. yds. mi. imported borrow haul;
28,400 tons aggregate base course (CIP);
1,300 cu. yds. class A concrete;
127,000 lbs. reinforcing steel;
1,752 lin. ft. corrugated metal pipe (4 sizes);
106,000 lin. ft. line fence;
2,112 lin. ft. road guard;
3,100 M. gals. sprinkling;
780 hours rolling.

Funds in the amount of $240,000 have been programmed for the construction of this project. T. S. O'Connell, State Highway Engineer.

BIDS WANTED

CONTRA COSTA COUNTY, Cal.—Until March 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for constructing shoulders of crusher run base and applying seal coat thereto, on about 16.6 miles in Contra Costa County, between Antioch and Borden Highway.

The work involves:

(1) 13,800 tons crusher run base;
(2) 82 tons liquid asphalt SC-1A;
(3) 52 tons liquid asphalt MC-4;
(4) 325 tons screenings.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. •

LOW BIDDER

INYO COUNTY, Cal.—C. W. Wood, Box 49, Stockton, at $8,435 submitted low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, for applying road-mix surface treatment on about 7.3 miles in Inyo County between Death Valley Junction and easterly boundary.

Complete bids will be given shortly.

NOTICE TO BIDDERS

STATE OF CALIFORNIA—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the special provisions. Blue prints of the layout sheet will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento, on Wednesday, February 26, and in Los Angeles, Thursday, February 27:

IV-Ala-107-B, bet. Laguna Creek and Dublin. Bids to be opened Feb. 26. (PLANS) No. of Sheets, none; (CROSS-SECTIONS) No. of Sheets, none.

V-Mon-10-C, bet. Lewis Creek and Priest Valley. Bids to be opened Feb. 26. (PLANS) No. of Sheets, 6, Cost, 60c; (CROSS-SECTIONS) No. of Sheets, 20. Cost, $2.00; Total, $2.60:

VIII-SBd-Riv-19-B,A., bet. Ontario and Riverside. Bids to be opened Feb. 27.(PLANS) No. of Sheets, none; (CROSS-SECTIONS) No. of Sheets, none.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer,t P. O. Box 1499, Sacramento, Calif.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 26, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,884 for the improvement of Francisco St. between Kearny and Montgomery, where not already improved, including the crossing of Francisco and Kearny Streets ,and excluding that portion of the crossing required by law to be paved by the owner of the railroad tracks thereon. Est. cost, $3-370.

The work involves:

(1) 470 c.y. grading (excavation);
(2) 35 l.f. 12-in. VCP sewer, in place;
(3) 5 12x8-in. Y branches, in place;
(4) 105 l.f. 8-in. VCP side sewers;
(5) 1 brick manhole, complete;
(6) 3 brick catchbasins, complete;
(7) 80 l.f. 10-in. VCP culvert, in place
(8) 325 l.f. armored concrete curb;
(9) 7770 sq. ft. asphalt-concrete pavement consisting of a 6-in. Class F concrete base and a 2-inch asphaltic concrete wearing surf.
(10) 360 sq. ft. 1-course concrete sidewalk.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.00. •

COMPLETE BID LISTING

INYO COUNTY, Cal.—C. W. Wood, Box 49, Stockton, at $8,435, as previously reported, submitted low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, for applying road-mix surface treatment on about 7.3 miles in Inyo Co. between Death Valley Junction and the easterly boundary.

The work involves:

(1) 420 tons liquid asphalt, SC-2, in place;
(2) 7.9 miles preparing, mixing and shaping roadbed.

Complete bids follow:

C. W. Wood, Stockton (1) $13.50; (2) $350; total $8,435.

J. C. Compton Co., McMinnville, Ore.: (1) $14; (2) $425; total, $9,237.50.

U. B. Lee, San Leandro: (1) $13.50; (2) $500; total, $9,620.

P. R. Hughes, Long Beach: (1) $14.80; (2) $480; total, $10,008.

Oilfields Trucking Co., Bakersfield: (1) $13.93; (2) $598; total, $10,574.80

Basich Bros., Torrance: (1) $16; (2) $580; total, $11,302.

A. S. Vinnell Co., Los Angeles: (1) $17.50; (2) $625; total, $12,287.50.

Square Oil Co., Los Angeles: (1) $11.50; (2) $1,267.20; total, $14,840.88.

30—RESERVOIRS & DAMS

BIDS OPENED

MODESTO, Stanislaus Co., Cal.—Two bids were received by the Modesto City Council, February 13, for repair of the front cut-off wall of a Collapsible weir dam across Tuolumne River at Modesto.

The bids were:

Kaufman & Son, Modesto, $2250 for the work complete.

Pomroy Sinnock, Stockton, bid $25 per day for the use of equipment, the city to furnish materials, and $350 for special equipment.

Work consists mainly of the furnishing and driving of approximately ten feet of 4x12-in.x18-ft. T. & G. wood sheet piling and approximately 65 ft. of 20-ft. steel interlocking sheet piling.

Bids referred to City Engineer Frank Rossi. •

BIDS OPENED

SAN FRANCISCO.—M. Greenberg's Sons Co., 765 Folsom St., at $84.85 ea., submitted low bid to T. A. Brooks Purchaser of Supplies, City Hall, under Bid No. 1515, for furnishing 200 low pressure fire hydrants.

Complete bids follow:

M. Greenberg's Sons Co., $84.85 ea.

United Iron Works, $86.50 each; total $17,300.

General Engineering & Drydock Co., $89.75 each; total, $17,950.

R. Atkinson, total, $19,000.

Bids held under advisement.

CONTRACTS AWARDED

SANTA BARBARA, Calif.—Kovacevich and Price, Inc., 5400 Imperial Highway, South Gate, awarded contract by the Santa Barbara city council February 17 at $139,810 (Proposal A, for all work except retaining wall) for furnishing all labor, material (except materials to be furnished by the city) for the construction of the Sheffield Dam and water storage reservoir.

The proposed work involves raising, improving and strengthening of the existing earth fill Sheffield Dam and deepening and paving the Sheffield Reservoir. The dam will be raised 11 ft. with rolled earth fill of a minimum width of 25 ft. The paving of the upstream face will be extended to include the new portion of the structure.

Quinton, Code & Hill-Leeds and Barnard, 905 Edison Bldg., Los Angeles, consulting engineers. Delbert D. Smith, water superintendent.

Case Const. Co., 905 Westminister Ave., Alhambra awarded contract for constructing the retaining wall, under Schedule B, at $11,388.50.

The awards were made subject to approval by the PWA. • 30

31 — PIPE LINES & WELLS

AWARD APPROVED

VALLEJO, Solano Co., Cal. — The PWA has approved award of a contract to R. B. McNair and H. Gould,

3745 Rhoda Ave., Oakland, at $48,-613.39, for reconstruction of three portions of the existing Gordon Valley transmission pipe line located in the vicinity of Creston Station, Napa County, and Cordelia, Solano County.

BIDS OPENED

SAN FRANCISCO. — J. B. Rogers Co., 110 Sutter St., at $2.25 per l.f. submitted the only bid received by the Department of Public Works, City Hall, for drilling four 6-inch test holes each approximately 50 feet deep at Aquatic Park, WPA Project No. 2175. Test holes are to be drilled at Beach and Polk Streets. * 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

February 17, 1936

CONTRACT AWARDED

EL MONTE, Los Angeles Co., Cal. —George Miller, 9401 Brighton Way, Beverly Hills, at $51,000 awarded contract by the El Monte City Council for construction of a sewage treatment plant to be located on city property near El Monte.

BIDS WANTED

LAKEVIEW, Ore.—Until March 6, 7:30 P. M., bids will be received by the Lakeview Town Council, O. C. Gibbs, Recorder, for the construction of a sewage treatment plant complete and ready for operation.

The work involves:

(1) Primary settling tank with motor driven mechanism;
(2) Pump house and equipment, including sewage pumps, sludge pump, heating plant and incidental materials;
(3) Sludge digestion tank without mechanism;
(4) Sprinkling filter with rotary mechanism;
(5) Final settling tank with manually-operated mechanism;
(6) Sludge drying beds;
(7) Chlorinator;
(8) Piping and miscellaneous materials.

Plans and specifications obtainable from the office of Stevens and Koon, consulting engineers, 1202 Spalding Bldg., Portland, upon deposit of $15, which amount will be refunded in full if plans are returned accompanied by a bona fide bid. If plans are returned unaccompanied by a bid, $10 will be returnable.

CONTEMPLATED

KNIGHTS LANDING, Yolo Co., Cal. —Supervisor Frank Edson is chairman of a committee from the Knights Landing Lion's Club studying proposals to construct a sewage system in the town of Knights Landing. The committee will make a preliminary report at an early date. 32

BIDS OPENED

MONTEREY PARK, Los Angeles Co., Cal.—A & B Constr. Co., 912 Atlantic Blvd., Hynes , at $235,555.07 submitted low bid to the Monterey Park City Council, February 17, for construction of a sewer system located in and outside the city limits of Monterey Park, to connect with County Sanitation District No. 2.

The work involves:

(1) 40,792 ft. 6-in. vitrified clay pipe, standard strength, inc. bands for house connections;
(2) 115,845 ft. 8-in. vit. clay pipe, standard strength;
(3) 8,711 ft. 8-in. vitrified clay pipe, extra strength;
(4) 4,396 ft. 10-in. vitrified clay pipe, standard strength;
(5) 895 feet 10-in. vitrified clay pipe, extra strength;
(6) 994 feet 12-in. vitrified clay pipe, standard strength;
(7) 2,111 ft. 12-in. vitrified clay pipe, extra strength;
(8) 6,023 ft. 15-in. vitrified clay pipe, standard strength;
(9) 12,729 ft. 15-in. vitrified clay pipe extra strength;
(Length of pipe is measured from center to center of manhole);
(10) 97 6x6-in. wye branches only;
(11) 3,443 8x6-in. wye branches only;
(12) 104 10x6-in. wye branches only;
(13) 26 12x6-in. wye branches only;
(14) 265 15x6-in. wye branches only;
(15) 36 8x6-in. tees;
(16) 23 10x6-in. tees;
(17) 31 12x6-in. tees;
(18) 50 15x6-in. tees;
(19) 1,386 ft. standard chimney pipe;
(20) 418 manholes;
(21) 110 flushing manholes;
(22) 6 double flushing manholes;
(23) 24 drop manholes;
(24) 4,315 ft. concrete cradle;
(25) 2,766 ft. ¾-in. galv. iron pipe for 116 connections;

Pavement cut and replaced;

(26) 36,563 l.f. No. 2 macadam;
(27) 91,743 l.f. ft. No. 3 do;
(28) 26,838 l.f. 3-in. decomposed granite base and 3-in. asph. concrete wearing surface;
(29) 2,111 l.f. 4-in. asphaltic concrete;
(30) 300 l.f. 6-in. concrete.

Total bids follow:

A & B Construction Co., Hynes, $235,555.07.
J. C. Hickey, Alhambra, $256,018.47.
V. C. K. Constr. Co., Los Angeles, $257,118.47.
J. L. Kruly and Gogo & Rados, Los Angeles, $259,037.81.
Leo Vuksich and Joe Vukoya, Los Angeles, $262,331.92.
Nick Chutuk, Los Angeles, $276,314.64
Mike Radich, C. T. Brown, Joe Sutalo and Mike Ramljak, Los Angeles, $277,501.90.
E. L. Fleming and B. D. Zaich, Glendale, $302,640.25.

A loan and grant of $298,181 has been allotted by the PWA.

The bids were referred to Koebig & Koebig, consulting engineers, 821 Rowan Bldg., Los Angeles, for report to the City Council.

BONDS VOTED

STOCKTON, San Joaquin Co., Cal. —A proposal to issue $110,000 in bonds to secure a PWA allotment of $200,000 which will finance construction of trunk line sewers was approved by voters at a special election Feb. 18.

Clyde C. Kennedy, 74 New Montgomery St., San Francisco, has been retained to prepare plans for the enlargement of the city's sewage disposal plants.

Lyle Payton, City Engineer.

33— WATER WORKS

CONTRACT AWARDED

SOUTH GATE, Los Angeles Co., Cal.—Chicago Bridge & Iron Works, 608 S. Hill St., Los Angeles, at $25,-660 awarded contract (subject to PWA approval) by the South Gate City Council for the construction of an elevated steel tank at South Gate, a PWA project.

The proposed tank will have a capacity of 150,000 gallons and the tower will be 141 ft. in height from the foundation to the top edge of the tank. Guy F. Nevill, city engineer. L. M. Rothkranz, city water superintendent.

BIDS WANTED

SAN FRANCISCO.—Until March 4, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,874 for the construction of four reinforced concrete fire cisterns, Group 4, A. W. S. Estimated cost, $30,000.

The work will involve:

(1) One 75,000-gal. reinforced concrete cistern, 14th and Dolores Streets;
(2) One do, 16th and Dolores Streets;
(3) One do, 18th and Dolores Streets;
(4) One do, 20th and Dolores Streets;
(5) 112 c.y. test trenches, excavation, including backfill;
(6) 248 s.f. repaving test trenches.

Plans and specifications will be available from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.00. * 3

BIDS WANTED

PALOS VERDES, Los Angeles Co., Cal.—Until Feb. 28, bids will be received by the Palos Verdes Corp., 9435 Wilshire Blvd., Beverly Hills, for water works improvements at Rancho Palos Verdes in accordance with plans and specifications which may be obtained at the office of Taylor & Taylor, consulting engineers, 725 South Spring St., Los Angeles, and on file at the office of the owner.

Segregated bids on the various items will be considered.

The estimated quantities and items are:

(1) (a) 15,650 ft. 8-in. pipe;
(b) 5,800 ft. 6-in. pipe;
(c) 11,300 ft. 3-in. pipe;
(d) 3,300 ft. 1¼-in. pipe;
(2) one 22,500-gal. tank, corru. galv.;
(3) two 43,500-gal. tank, do;
(4) one chlorinator;
(5) one deep well turbine pump unit;
(6) two or 3 horizontal or booster units;

Together with misc. accessories.

BIDS OPENED

SAN FRANCISCO. — United States Pipe & Foundry Co., Monadnock Bldg. at $36,145.28 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1510, for furnishing approximately 717 tons of cast iron water pipe.

Bids were taken as follows:

(1) 109 tons 10- and 12-in. Classes E and F bell and spigot pipe without lugs;
(2) 3 tons 10-in. Class E bell & spigot pipe with lugs;
(3) 488 tons 16-in. Class G bell and spigot pipe without lugs;
(4) 54 tons 16-inch Class G bell and spigot pipe with lugs;
(5) 36 tons 10-inch Class H double spigot pipe with lugs;
(6) 8 tons 16-in. Class H do without lugs;
(7) 19 tons 16-in. and 20-in. Class H double spigot pipe with lugs.

Total bids follow:

(A) U. S. Pipe & Foundry Co., S. F., $36,145.28.
(B) Grinnell Co. of the Pacific, S. F., $37,180.42.

Unit bids follow:

	(A)	(B)
(1)	$46.50	$48.50
(2)	56.50	60.00
(3)	47.50	48.50
(4)	57.50	60.00
(5)	57.50	60.00
(6)	48.50	50.50
(7)	58.50	61.00

Bids held under advisement.

TO ASK BIDS

SAN FRANCISCO.—Bids will be asked shortly by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,874, for the construction of four reinforced concrete fire cisterns, Group 4, A.W.S. Estimated cost, $30,000.

The work will involve

(1) One 75,000-gal. reinforced concrete cistern at 14th and Doroles Sts.
(2) One do, 16th and Dolores Streets;
(3) One do, 18th and Dolores Streets;
(4) One do, 20th and Dolores Streets;
(5) 112 c.y. test trenches, excavation, including backfill;

(6) 248 sq. ft. repaving test trenches

Plans and specifications will be available from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10. * *

AWARD APPROVED

SUISUN, Solano Co., Calif.—PWA has approved award of a contract to Robert B. McNair and H. Gould, 3745 Rhoda Ave., Oakland, at $31,975.25 for construction of improvements to the water system, including laying of new mains and relaying the existing mains, for which bids were opened by the Suisun City Council Jan. 31.

BIDS WANTED

HICKAM FIELD, T. H.—Until Mar. 6, 2 P. M., bids will be received by Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, T. H., under Bid No. W-397-36-6, for construction of a fresh water main and connections at Hickam Field.

Plans and specifications obtainable from the above office upon deposit of $5, and on file at the office of the Constructing Quartermaster, Fort Mason, San Francisco. * 33

NEW BIDS ASKED

FLORENCE, Ore.—Until March 4, 1 P. M., new bids will be received by the City of Florence, Mary T. Andreasen, City Recorder, for the rehabilitation of an extension to the water system.

The improvements will consist of the driving and equipping of a nine-point well, the furnishing and installing of a 60,000-gal. elevated wooden water tank, 4 fire hydrants, and 4,400 feet of 4-in. and 1,800 feet of 6-in. wooden pipe, the razing of an existing wooden water tank and the changing of part of service from the old to the new water lines.

Plans and specifications obtainable from the above office upon deposit of $5.00.

All bids received on this work Jan. 15 were rejected. O. N. Pierce and F. L. Connor, Portland, submitted the low bid at $13,935 on wood pipe, and at $15,003 on steel pipe. 33

BIDS OPENED

SACRAMENTO, Calif. — Campbell Construction Co., 800 R St., Sacramento, at $315,347 submitted low bid to Sacramento City Council for constructing two concrete overhead water storage tanks, each having a capacity of 3,000,000 gallons.

Bids were taken as follows:

(1) Lump sum for constructing two tanks;
(2) Additional excavation, per c.y.;
(3) Additional foundation conc., per cubic yard;

Complete bids follow:

Campbell Const. Co., Sacramento	(1)	$315,347.00
	(2)	2.00
	(3)	18.00
Case Const. Co., Inc., Alhambra	(1)	$329,485.00
	(1)	2.50
	(3)	20.00
Duncanson - Harrelson, San Francisco	(1)	$345,968.00
	(2)	1.50
	(3)	15.00
C. W. Caletti & Co., San Rafael	(1)	$382,800.00
	(2)	3.00
	(3)	20.00
Geo. Pollock Co., Sacto.	(1)	$385,752.00
	(2)	1.50
	(3)	12.00
A. Teichert & Son, Sacramento	(1)	$405,310.00
	(2)	1.00
	(3)	10.00
Barrett & Hilp, S. F.	(1)	$407,500.00
	(2)	3.00
	(3)	25.00
MacDonald & Kahn Co., San Francisco	(1)	$415,514.00
	(2)	4.00
	(3)	20.00

Three low bids were held under advisement and were referred to City Manager for recommendation.

Henry D. Dewell, 55 New Montgomery St., San Francisco, is consulting engineer. * 33

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

SAN FRANCISCO.—Fred W. Bullock, 445 12th Ave., at $3,175 awarded contract by Department of Public Works for nursery stock, planting, fertilizing and removal of sod and shrubbery at the San Francisco War Memorial.

BIDS REJECTED

LOS ANGELES, Cal.—Treasury Department rejected bids for wire boundary fence at the U. S. Quarantine Station, Los Angeles. On bid opening lowest bid was submitted by Standard Fence Co., Los Angeles, at $1,313.13.

BIDS WANTED

SAN MATEO, San Mateo Co., Calif. —Until March 2, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, for furnishing 550 European Sycamore trees, 10 to 12 feet high; and 89 Monterey Pine trees, 4 to 6 feet high, for planting along city streets.

Specifications obtainable from the above office. 34

AWARD RECOMMENDED

MONTEREY PARK, Los Angeles Co., Cal.—The City Council has recommended to the PWA that a contract by awarded A & B Const. Co., 912 Atlantic Blvd., Hynes, at $235,-555.07, for construction of a sewer system located in and outside the city limits of Monterey Park, to connect with County Sanitation Dist. No. 2.

Complete bids published Feb. 20.

AWARD POSTPONED

SAN FRANCISCO.—PWA has authorized an extension of time to Mar. 31 for award of a contract by San Francisco Department of Public W'ks for construction of Alemany sewer extension, Section D-1. Low bid of Healy-Tibbitts Const. Co., 64 Pine St. at $334,259 submitted Dec. 6 is being held pending a State Supreme Court decision validating sale of bonds to finance the project. * 32

BIDS WANTED

YOLO and Sacramento Cos., Cal.—Until March 2, 10:30 A. M., bids will be received by the Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for 1.2 miles landscaping on highway roadside between the M Street subway and the Sacramento River Bridge in Yolo County, and between Ben Ali subway and Ben Ali station, Sacramento County.

The work involves:

(1) 95 c.y. structure excavation;
(2) 9 tons untreated crushed gravel or stone in place;
(3) 440 l.f. 2-in. galv. wrought iron or steel water pipe in place;
(4) 15 l.f. ¾-in. do;
(5) One 2-in. brass globe valve in place;
(6) One valve box and cover in place
(7) 14 tree irrigators, in place;
(8) 89 platanus racemosa plants, complete in place;
(9) 10 pistachio chinensis plants, do;
(10) 10 arbutus menziesii plants, do;
(11) 590 photinia arbutifolia plants, do
(12) 30 fremontia mexicana plants, do
(13) 211 rhus ovata plants, do;
(14) 91 cleanothus thyrsiflorus griseus plants, do;
(15) 34 calycanthus occidentalis plants, do;
(16) 25 pickeringia montana plants, do
(17) 81 prunus ilicifolia plants, do;
(18) 28 leptospermum laevigatum plants, do;
(19) 50 romneya coulteri plants, do;
(20) 461 pyracantha ynnanensis plants complete in place;
(21) 16 spartium junceum plants, do;
(22) 97 berberis pinnata plants, do;
(23) 30 nerium oleander plants, do;
(24) 111 liqustrum ovalifolium plants, complete in place;
(25) 63,610 lippia repens plants,do;
(26) 47 cork oaks, complete in place;
(27) 332 oleander shrubs, do.

Plans and specifications obtainable from the above office and on file at the office of DAILY PACIFIC BUILDER. * 34

BIDS WANTED

HOLLISTER, San Benito Co., Calif. —Bids are being received by the Custodian, U. S. post office, Hollister, for seeding and planting grounds at the Hollister post office. * *

35— TUNNELS

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 25, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for the construction of the Ivanhoe Reservoir outlet tunnel and appurtenant structures (PWA Docket 1929-R. Unit No. 50) under Spec. No. X-13.

The bids will be taken as follows:

(1) Excavate shaft and construct a concrete gate tower including 4 sluice gates, etc., involving 400 c.y. excavation and 159 c.y. concrete.

(2) Excavate and construct 1450 l.f. of 6-ft. I. D. tunnel from shaft to Glendale Blvd.;

(3) Excavate and construct 120 l.f. of 6-ft. I. D. tunnel from shaft to Ivanhoe Reservoir;

(4) Excavate and construct 160 l.f. of 6-ft. I. D. tunnel fro mshaft to Silver Lake reservoir;

(5) Furnishing and install 27 l.f. of 40-in. x ⅜-in. steel pipe at east portal

(6) Excavate tunnel approach in Ivanhoe reservoir, involving approx. 475 of tunnel;
cu. yds.

(7) Construct headwall at tunnel portal in Ivanhoe reservoir (approximately 18 c.y.);

(8) Excavate tunnel approach in Silver Lake reservoir (approx. 75 c.y.)

(9) Construct headwall at tunnel portal in Silver Lake reservoir (approximately 18 c.y.)

The estimated cost is $59,200. Plans and specifications may be obtained from the above office upon deposit of $10.00.

MAKING SURVEYS

ORANGE COUNTY, Cal.—Engineers for the Metropolitan Water District are working in the Black Star Canyon District, Orange County, on surveys for a five-mile tunnel through the Santa Ana Mountains which would be built as part of the Colorado River Aqueduct system should Orange county decide to join the district. A committee consisting of Wm. Schumacher and Wm. Wallop of Orange County Water District has been appointed to negotiate with the Metropolitan Water District to establish the cost of Colorado river water for agricultural purposes in Orange Co

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SANTA CRUZ COUNTY

SANTA CRUZ, Santa Cruz Co., Cal. —Until February 24, 9 A. M., bids will be received by the Santa Cruz City Council, S. A. Evans, City Clerk, City Hall, Church Street, for furnishing piles and lumber to be used in the widening of the municipal wharf.

Bids will be taken as follows:
(1) 30 55-ft. creosoted timber piles;
(2) 147 pieces 4x12-in. x 16-ft.;
(3) 3 pieces 10x12-in. x 14-ft. ;
(4) 4 pieces 10x12-in. x 20-ft.;
(5) 6 pieces, 10x12-in. x 22-ft.;
(6) 20 pcs. 2x12-in. x 18-ft.;
(7) 24 pcs. 2x6-in. x 20-ft.;
(8) 40 pieces, 2x3-in. 16-ft. S1S1E;
(9) 880 pieces 2x4-in. x 18-ft. S1S1E;
(10) 2200 FBM 2x4-in. x 12-ft. to 20-ft. S1S1E;
(11) 40 pieces 2x6-in. x 22-ft. S1S1E;
(12) 5 pieces 4x6-in. x 18-ft. S4S;
(13) 2500 FBM 1x6-in. random lengths S1S1E;
(14) 2200 FBM 10-in. channel rustic siding;
(15) 2400 FBM ⅝-in. V&CV ceiling;
(16) 70 bunches No. 1 Redwood shingles.

Specifications obtainable from above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

ELECTRODES, welding; Mare Island. Sch. 7166; Feb. 14.
WIRE, telephone; 2,000 ft., San Diego; 49,000 ft., San Diego and Mare Island. Sch. 7112; Feb. 14.
HORNS, 84 electric sound signaling horns, waterproof, and four sets spares; Mare Island. Sch. 7163; Feb. 18.
TUBING, 10,000 lbs. copper; 19,500 ft. brass pipe, and 2,500 ft. copper pipe; Mare Island. Sch. 7153; Feb. 18.
VANS and sets, ventilation; control appliances, and spares; Mare Island. Sch. 7177; Feb. 18.
SAW, motor - driven metal - cutting back; Mare Island. Sch. 7172; Feb. 18.
MACHINES, two motor - driven pipe threading; Mare Island. Sch. 7184; Feb. 25.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison Street, San Francisco.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

CABLE, 79,000 ft. electric; Mare Island. Sch. 7196; Feb. 21.
INDICATING systems and spares, salinity, 3 Mare Island. Sch. 7215; February 27.
COPPER, 900 lbs., phosphor copper; 20,400 lbs. naval brass, bar; and 20,000 lbs. brass angles; Mare Island. Sch. 7207; Feb. 28.
OAK, 25,000 FBM white; Mare Island. Sch. 7206; Feb. 28;
BLADES, 9,000 dozen hack saw; Mare Island. Sch. 7216; Feb. 28.
STEEL, 350,000 lbs. hull plate; Mare Island. Sch. 7217; Feb. 28.
EXCELSIOR, 72,000 lbs. wood; Mare Island. Sch. 7239; March 6;
GRINDERS, 15 electric; Mare Island. Sch. 7237; March 6
SEWING Machines, 3 motor - driven; Mare Island. Sch. 7253; March 6.
CABLE, 5,000 ft. arc welding insulated electric; Mare Island. Sch. 7249; March 6.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco

WAR DEPARTMENT

BONNEVILLE, Ore. — Until March 13, 3 P. M., bids will be received by the U. S. Enginner Office, Second Portland District, Lt. Col. C. F. Williams, District Engineer, 627 Pittock Block, Portland, under Bid No. 694-36-264, for manufacturing and delivering 2400-volt metal-clad switch gear for the powerhouse station service system, Bonneville Dam.

Bids will be taken as follows:

ALTERNATE "A"

Prices for furnishing switchgear and services specified, except that the Government will pay the cost of transporting the switchgear from bidder's shipping point to Bonneville; shipment to be made on Government bills of lading.
(1) One lot 2400-volt metal-clad switchgear and spare parts.
(2) Services of supervising erecting engineer during erection and installation of the switchgear, 90 man-days.

ALTERNATE "B"

Prices for furnishing the switchgear and services to be delivered f.o.b. cars at Bonneville, Oregon.

Item same as under Alternative "A".

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Feb. 24, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Proposal No. ER-868-36-3, for furnishing two outboard motors, reversible, 4½-hp., 2 cylinder, 2 cycle.

Delivery fob U. S. Engineer Storehouse, Pier 3½, San Francisco.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until Mar. 10 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-171, for the sale of one 30-hp. Caterpillar tractor purchased in 1927.

Information obtainable from above office.

SACRAMENTO, Cal.—Until Mar. 10 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-172, for furnishing:
(1) One Diesel powered tracklaying-type tractor, ready for service;
(2) Allowance as trade-in value for 30-hp. Caterpillar tractor purchased in 1927.

Specifications obtainable from above office.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until Feb. 24, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 32913, Req. No. 9382, for furnishing one 8-ft. pneumatic-tired leaning wheel grader, with scarifier.

Delivery fob Stockton, Shop 10.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL ZONE.—Until February 27, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3125, for furnishing miscellaneous supplies and equipment, including:

Fencing material, safes, garbage cans, paint drums, paint containers (cans and pails), warehouse trucks, copper-covered steel wire, bare copper wire, track bolts, track spikes, anchor lights, sockets, fire-clay bricks refractories (fire-clay), copper, tin (pig and phosphor), pig iron, ferrosilicon, calcium carbide, silica sand, ganister, coke, corkboard, asbestos pipe covering, roofing felt, lead seals, varnish, paints, turpentine, alcohol, kerosine, asphalt and lumber (northern white pine or sugar pine, Port Orford cedar, cypress, ash, hickory and maple).

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until February 25, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, for furnishing the following:
BID NO. 3195:4 lubricating oil outfits; fob bidders shipping point and/or Fresno;
BID NO. 3194: 22 gasoline pumps with 8-ft. hose and 7 gasoline pumps with 10-ft. hose; fob bidders shipping point and/or railroad destination points in California;
BID NO. 3193: 36 1-quart fire extinguishers, carbon tetrachloride type and 24 fire extinguishers, 2½-gal. size, soda and acid type; fob bidders shipping point and/or Government Island.

Specifications obtainable from above office.

SAN FRANCISCO.—Until Feb. 24, 10 A. M., bids will be received by the Procurement Division, Treasury Department, Room 514, 49 Fourth St., under Bid No. 928, for furnishing slab doors, white oak veneered doors, door frames, moulded casing, moulded back casing, etc., for use on WPA project.

Delivery fob deYoung Museum, Golden Gate Park.

Specifications obtainable from above office.

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IN THIS ISSUE

$600,000 State Office Bids March 24

Anderson Named Registrar of Contractors

Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

February 29, 1936

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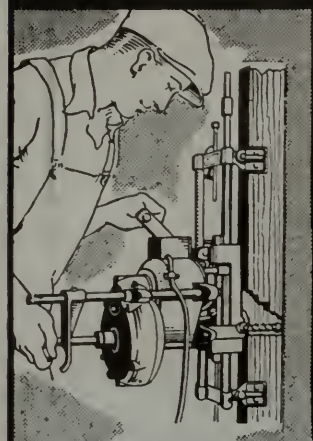
WAPPAT Electric TOOLS



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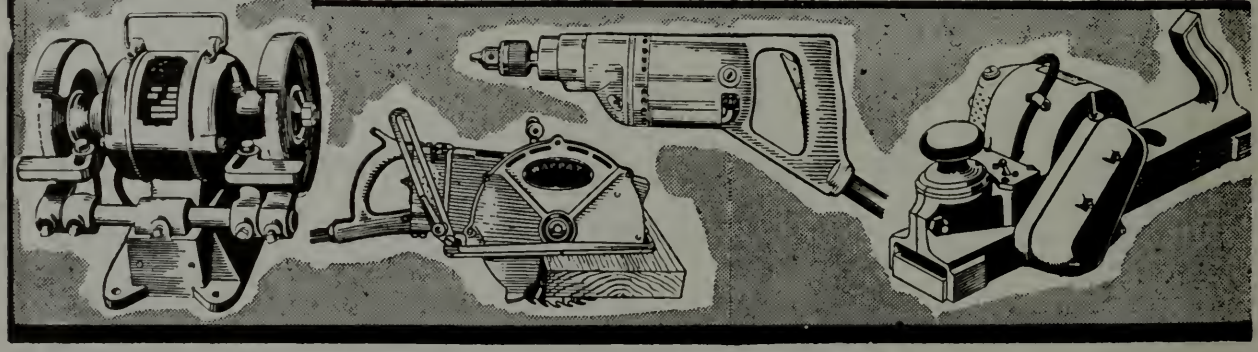

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BIDS MARCH 10 FOR REPAIRING ALAMEDA SCHOOL

Advertise $89,000 Auditorium And Gymnasium Contract

Bids for reconstruction of the auditorium and gymnasium at Alameda high school will be opened March 10 by the school board, it was announced yesterday. Cost of the work is estimated at approximately $89,000.

Work includes reconstruction of both auditorium and gymnasium to bring them into conformity with requirements of the state earthquake safety act. The school is located at 2130 Central Avenue.

The project has been allotted a $40,000 grant by the Federal Public Works Administration.

Plans for the project, one of numerous school reconstruction and rehabilitation jobs included in the current PDA program, were prepared by Structural Engineers L. H. Nishkian, Earl Hammill and the late Earl Russell of San Francisco, and Architect Carl Werner of Alameda.

Contractors desiring to figure the work may obtain plans and specifications from the Alameda Board of Education, 2267 Alameda, upon deposit of twenty-five dollars.

MONTANA ABANDONS MAILING BID FORMS

The Montana highway commission has announced that contractors desiring to submit bids must appear or send an authorized representative to obtain proposal forms. The following notation appears on the notice to contractors for jobs opening this week:

"Proposal forms will not be mailed, but will be furnished to the contractor, or his authorized representative, at the office of the Commission in Helena until 5 P. M. on February 26, and at the Florence Hotel in Missoula between 10 A. M. and 5 P. M. on February 27. Proposal forms will not be furnished to contractors after 5 P. M. of the day preceding the letting."

$519,000 AWARDS TO S. F. COMPANY

(SPECIAL TO DAILY PACIFIC BUILDER)

SACRAMENTO, Feb. 25.—Peninsula Paving Co., San Francisco, today was awarded contracts totaling $519,000 by the State Division of Highways for construction in Monterey and Santa Cruz counties. The company received contracts for 6.8 miles grading and paving with portland cement concrete between Bradley and San Ardo, on a bid of $316,342; and for 3.9 miles grading and surfacing with natural rock asphalt between Santa Cruz and Scotts Valley, on a bid of $202,613. Other awards today were: Blake Bros. Co., San Francisco, for placing riprap slope protection between Isleton and Walnut Grove, Sacramento Co., $20,862; Bradley Truck Co., Santa Maria, for applying Diesel oil to roadside vegetation, $6,678.

Record Low Rate For San Francisco Public Works Bonds

Sale of $2,700,000 city of San Francisco bonds at an interest rate of 2.49 per cent set a new record low interest charge on the city's securities, according to City Treasurer Duncan Matheson. The bonds were part of an issue authorized in 1933 to finance the PWA program for improvement of the municipal water system. The money will be used to meet progress payments on construction contracts already awarded.

The bonds were sold to a Boston syndicate, headed by Boothe, Gillette & Co., offering the best bid of nine submitted.

CARPENTERS TO MEET IN FRESNO MARCH 6

The ninth annual convention of the California Council of Carpenters will be held in Fresno March 6, 7 and 8, it is announced by Convention Chairman George Barnhart of Fresno. State President Joe Cambiano of San Mateo will preside.

$600,000 STATE OFFICE BUILDING BIDS MARCH 24

Contracts Advertised For New Public Works Dept. Quarters

SACRAMENTO, Feb. 25.—Bids for construction contracts on the new Public Works Department office building will be received Mar. 24, State Architect George B. McDougall announced today. The building will cost approximately $600,000.

It is to be located on N Street on a site near the new Motor Vehicle Department building now under contract. The two buildings are of similar design. They will be four stories of reinforced concrete. Both will be completely air-conditioned.

Bids will be received on segregated contracts for (1) General; (2) Electrical; (3) Plumbing; (4) Heating and Air-Conditioning; (5) Elevators.

The general contract for the Motor Vehicle building was awarded two weeks ago to Barrett & Hilp, Inc., San Francisco.

UNIT-PLAN HALL FOR SANTA CRUZ

Action by the Santa Cruz city council on the recommendation of Mayor Roy Hammond that a new city hall be erected to replace the 63-year-old structure now in use is expected in the near future.

It is planned to build the new hall on the unit plan, with quarters for the police and fire departments and a jail to be given first consideration. The mayor's recommendation suggests a building with a patio, which space could be used for an auditorium when funds for its construction become available.

S. M. McGAW TO HEAD STOCKTON ENGINEERS

Election of S. M. McGaw, contractor, as president of the Stockton Engineers' Club for the coming year is announced by the club. He will succeed E. K. Dupont, retiring president.

Contractors' Board Names Governor's Aide New State License Registrar

SACRAMENTO, Feb. 25.—Earl Anderson, former Los Angeles contractor and now personal secretary to Governor Merriam, today was appointed State Registrar of Contractors by the new State Contractors' License Board. He will assume his duties March 1.

Selection of the registrar was announced by Chairman W. A. Bechtel after an all-day meeting which was closed to the public. The board did not state what salary the appointee would receive. His selection is subject to confirmation by W. G. Bonelli, director of the State Department of Professional and Vocational Standards.

Prior to his connection with the state administration Mr. Anderson was engaged in the business of automatic sprinkler system contracting in Los Angeles.

He will succeed Mr. Bonelli as registrar, the director of the department having held the position temporarily at the request of the license board. The position is being filled with a permanent appointment for the first time as provided in the amended State Contractors' Licensing Act. The registrar serves as executive secretary of the board and becomes the chief administrative officer, acting under rules to be promulgated by the board.

Other appointments to be made include a deputy registrar, chief reviewing and hearing officer and such assistants as the board deems necessary. All of the subordinate appointments are to be made from civil service rolls, however.

The license board heard progress reports today from the finance committee, of which William Nies is chairman, and from the committee on rules and regulations, of which S. G. Johnson is chairman. Further business however, was carried over to the next meeting which will be held at the call of the chairman, probably early in April. It is planned to hold the meeting in Los Angeles.

Chairman Bechtel said the committee on rules and regulations was completing a study of all available legal data on the licensing act, including opinions of the attorney-general and the attorney for the department and court decisions. Consideration of a final report from this committee will be given at the next session.

All members of the board were in attendance today. They are: W. A. Bechtel, chairman; Ralph Homann, S. G. Johnson, William Nies, Hugh McNulty, Roy M. Butcher, and Stephen L. Ford.

VENETIAN BLIND HARDWARE CATALOG

An illustrated catalog of venetian blind hardware containing a complete price list has been issued by the Finwale Equipment Manufacturing Co., 64 Reade St., New York City. Copies of the catalog, which is No. 36 of the firm's series, may be obtained without charge by writing the manufacturer.

21 BIDS FOR GILA PROJECT

YUMA, Ariz., Feb. 27.—Mittry Bros. Const. Co., Los Angeles, today submitted the low bid on Schedules 2 and 3 for canal excavation on the Gila Valley Project, the total bids on the two schedules being $681,575. Low bid on Schedules 1 and 4 was received from Boyce & Igo, Louisiana contractors now engaged in construction of a section of the All-American Canal. Total bid on these two schedules was $272,700. Twenty-one proposals were submitted on the contracts to the U. S. Bureau of Reclamation engineers here.

State Suspends Nine Licenses During January

The complaint section of the State Contractors' License Bureau last month suspended nine licenses revoked four others and denied four applications after formal hearings had been held, according to the report of Acting Registrar William G. Bonelli.

At the first of the month, the report showed the Bureau had 45 cases pending and this number was swelled by the filing of 24 additional charges. Of the 69 old and new cases before the Registrar for action during the month, 36 were completed, with punitive action resulting in 17 of the cases.

In addition, 37 less serious cases were settled by representatives of the Bureau.

Prosecuting unlicensed operators, inspectors for the Bureau secured convictions in 10 out of the 11 criminal cases undertaken during the 30-day period reported upon.

The contractors whose licenses were revoked were: Dan Day of Burbank; Paul Bruhns of Long Beach; E. W. Griffin of Los Angeles, and Leo E. Waggoner of Grass Valley.

Licenses of the following contractors were suspended: Associated Electric Co., Ltd., of Los Angeles; John James Atwater, Jr., of Hollywood; Henry Mulder, owner of Bilt-Rite Construction and Household Appliance Company of Los Angeles; R. H. Hanford of Los Angeles, and A. B. Ratto of Grass Valley and San Francisco.

SHOALS FILL BIDS DELAYED TO MARCH 10

Huge Bay Dredging Project Will Create Exposition Grounds

The bid opening date for construction of the fill and retaining wall on Yerba Buena shoals, originally scheduled by the U. S. Engineers for March 4, has been postponed until March 10, Lt. Col. J. A. Dorst, district engineer, has announced.

The huge project will be one of the largest dredging and fill jobs ever contracted on the coast, the contract calling for approximately 15,670,000 cubic yards of fill and a rubble retaining wall containing about 180,300 tons of rock.

The fill will be about 5,520 feet long, 3,400 feet wide and will have an elevation of thirteen feet above mean lower low water.

Material for the fill will be dredged from a borrow area about 6600 feet long by 2500 to 7000 feet wide, located east and northeast of the fill site.

Bids are to be opened Monday by the U. S. Engineers here for furnishing and driving seventy piles of varying lengths on the shoals. Lengths run from forty to sixty feet.

Meanwhile, two army dredges are at work on the site in order that the $3,800,000 project may not be delayed by the time necessary for opening bids and awarding contracts, and already land is visible above the bay waters north of Yerba Buena island where in 1939 the San Francisco Bay Exposition will be held.

Eventually the 385-acre site will be transformed into a municipal airport for San Francisco.

The fill construction is financed by a $3,043,120 allotment from the Works Progress Administration and funds to be supplied by the exposition company.

When the fill has been completed work will start on the fair building program. Work to cost $4,209,000 has been approved by the Federal Public Works Administration, which has allotted this section of the project a forty-five per cent grant, and a number of additional buildings are planned by exposition officials.

The building program will be under the supervision of Architect W. P. Day. Preparation of plans for the structures is in the hands of a commission of architects including George Kelham, Arthur Brown, Jr., Timothy Pflueger, W. G. Merchant, L. P. Hobart and E. Weibe.

Shipments of electrical industrial trucks and tractors in 1935 totaled 920, as compared with 593 in the preceding year, according to the Bureau of the Census.

HOME BUILDING PERMITS IN U. S. INCREASE 170%

Labor Bureau Reports Comparison With Year Ago

Compared with 1934, the value of residential buildings for which permits were issued last year in the 811 cities which report to the U. S. Bureau of Labor Statistics increased 170 per cent. In these cities dwelling units were provided for 76,515 families during the year, compared with less than 30,000 in 1934.

Smaller increases in other classes of building were reported. The value of factory and workshop building was 78 per cent greater in 1935. Indicated expenditures for public works and utility buildings increased 81 per cent and for schools and libraries more than 50 per cent.

Of the 76,515 family dwelling units provided in 1935, 49,000 or 64 per cent were in one-family dwellings and 22,970 or 30 per cent were

BUILDING PERMITS IN 811 CITIES

Class of Const.	1935	1934	Pct. Change
All Construction.....	$836,504,117	$491,054,809	+ 70.3
New residential	291,227,231	107,146,264	+171.8
New nonresidential.....	316,730,227	215,402,856	+ 47.0
Addn., Alter., Rprs.....	288,546,659	168,505,689	+ 35.6

in apartment houses. The remainder were in two-family dwellings. The number of family - dwelling units provided in one- and two-family dwellings increased by more than 100 per cent comparing 1935 with 1934. The number provided in apartment houses increased over 200 per cent over the same period.

Increases in total construction were registered in most of the larger cities of the country. For example, the value of buildings for which permits were issued in New York during 1935 amounted to nearly $154,000,000 compared with less than $97,000,000 in 1934; in Washington, D. C., $47,000,000 as compared with $21,000,000; in Los Angeles, $32,500,000 as compared with $15,000,000; in Detroit, Mich., $22,000,000 as compared with $9,000,000; and in Chicago, $18,000,000 as compared with $10,000,000.

INSPECTORS APPOINTED

Leland & Haley, San Francisco engineers, have been appointed to inspect the mechanical equipment, plumbing and electrical work on the five city school buildings now under construction or ready to

Speed Gate Bridge Cable; Other Work Slowed by Storms

Cable spinning operations this week will mark the major construction activity on the Golden Gate Bridge, with other units of the project slowed down as the result of the stormy weather of the past two weeks.

The use of an additional spinning wheel on each side of the span has speeded up this work to a new maximum of 253 tons of cable wire a day, Chief Engineer Joseph B. Strauss stated.

Twenty-five strands of cable wire have been completed over each catwalk and the spinning of a new set of four strands over the west has commenced.

It is anticipated that this set will be completed by Thursday, when spinning operations will be transferred to the east walk.

To date more than 38,000 miles of cable wire have been spun to make up the 50 completed cable strands, Chief Engineer Strauss reported.

Work on the low viaduct of the east approach road through the Presidio is proceeding, although during the past week the Sausalito lateral approach job was at a complete standstill.

General Electric Sales in 1935 Increased 18%

Orders received by the General Electric Company during the year 1935 amounted to $217 361,587, compared with $183,660,303 during 1934, an increase of 18 per cent, President Gerard Swope announces.

Orders for the quarter ended Dec. 31 amounted to $58,417,822, compared with $51,046,760 for the last quarter of 1934, an increase of 14 per cent.

Sales billed and earnings for the year 1935 are not yet available. A complete annual report will be issued in March.

LUMBER SHIPMENT GAIN REPORTED

A total of 201 down and operating mills in Washington and Oregon which reported to the West Coast Lumbermen's Association for the week ending February 15 produced 96,164,353 board feet of lumber. The industry produced 57.5 per cent of its average weekly cut during 1926-1929.

The new business reported taken by the 201 mills was 102,053,651 board feet. Shipments were 110,664,434 feet.

The increase in shipments was due to the return of the coastwise steamers to the California water trade, according to the association.

SUSPEND FIRST DECK SECTIONS IN SECOND SPAN

Both Arms Of Eastbay Cantilever Sector Completed

First sections of the suspended deck structure on the east side of the center anchorage, between Tower W-5 and Tower W-6 of the San Francisco - Oakland Bay Bridge were erected last week, it was announced in the weekly progress report by Chief Engineer C. H. Purcell.

Work has been temporarily stopped on the erection of the suspended structure on the section west of the center anchorage until the suspesion of several sections east of the anchorage can be accomplished. Three sections were raised last week.

A total of six sections will be raised in the span between Towers W-5 and W-6 before the remainder of the deck structure of the west bridge will be filled in by the Columbia Steel Company. The deck tructure between Tower W-2 and Tower W-3 has been suspended except for the erection of short sections at the ends.

Progress on other sectors of the Bay Bridge has been advancing steadily, the report said.

East Bay Superstructure

Of outstanding importance on the East Bay crossing was the completion of the eighth and final panel on the west cantilever arm. This leaves fourteen panels to be erected before the cantilever is closed and the bridge joined to form a continuous line from San Francisco to Oakland.

San Francisco

Eighty-eight per cent completion of the concrete girder spans, between Second and Third Streets on the San Francisco side, was announced, while work is continuing rapidly on the foundations of the "off" ramp between Clementina and Folsom Streets.

Concreting operations on the San Francisco anchorage, under Healy-Tibbitts Construction Co., are also advancing.

Yerba Buena Island

Work on the forms and falsework for the upper deck viaduct west of the tunnel on Yerba Buena Island is being continued by the Clinton Construction Co., with the entire tunnel scheduled for completion on June 1.

Alameda County

Construction of the Administration Building on the sand fill by the Clinton Construction Company is progressing. Heating equipment, plumbing, and the interior finish is being installed.

Two additional concrete girder spans on the Distribution Structure in Emeryville were erected this week by Barrett and Hilp, the contractors. Six remain to be completed before the entire structure will be finished.

ASK $6,000,000 FOR CALIFORNIA NAVY PROJECTS

Bill Provides For Construction At Mare Island, Eureka

Construction at California naval stations to cost nearly $6,000,000 is provided in a bill introduced in Congress last week by Chairman Trammell of the senate naval committee, according to Washington dispatches.

The bill proposes a $30,000,000 construction program at U. S. naval stations,. authorizing work at a number of navy yards, munitions depots, air stations and hospitals.

Work in California would include:

Mare Island Navy Yard: Freight shed, $214,000; barracks, mess hall and other buildings, $295,000; gasoline storage building, $30,000; submarine parts and utility building, $60,000; paint and oil storage building, $275,000; service building for new quay wall, $15,000; utility and transportation sheds, $100,000; laboratory, $120,000; dispensary, $80,000.

Ammunition depot: Additional magazines, $512,000; explosive "D" loading plant, $95,000; ammunition filling building, $80,000; high explosive magazine building, $12,000; administration building, $25,000.

Hospital: Nurses' building, $150,000; dormitory for corpsmen, $150,000; administration and subsistence building, $350,000; mortuary building, $12,000.

Naval radio station: Master receiving and control station and purchase of land, $830,000; high frequency transmitting station, $445,000.

Eureka: Naval Direction Finder Station, building for operators, $15,000.

More than $1,300,000 would be expended to increase facilities at the navy's inland ammunition depot at Hawthorne, Nev., including: Smokeless powder magazine, $762,000; high explosive magazine, $196,000; projector magazine, $370,000; and quarters for officers, $40,000.

$280,000 ALLOTTED FOR WATER SURVEYS

Allotment of $280,000 to the Reclamation Bureau for three surveys of water resources in the Rocky Mountain area are announced by Public Works Administrator Harrold L. Ickes.

A survey to determine the feasibility of diverting water from the Blue river in Colorado to the headquarters of the South Platte river will receive $100,000. Another $150,000 was allotted for a study of possible future irrigation and power developments in Colorado. A study of water resources in the Rio Grande basin of Colorado, New Mexico and Texas is to receive $30,000.

Kelly Warns Of Further Reduction In Gas Tax Allotment To New Construction

Replying to interests apparently intent on diverting money from the state gasoline tax, State Director of Public Works Earl Lee Kelly in an article written for the current issue of the California state public works magazine directs attention to the fact that scarcely one-fourth of the gasoline tax money now is available to state highway construction.

In the current biennium the state has budgeted actually only $15,469,891 of estimated revenues for major highway construction projects, Mr. Kelly points out. This sum compares with $31,308,000 allotted to the counties and $12,187,500 to incorporated municipalities from gasoline tax collections. State departments other than the Division of Highways share an additional $686,000 of the gasoline money.

Mr. Kelly's statement follows in part:

"During recent months certain interests have sought to develop in the public mind the idea that California is deriving from its gasoline tax revenues many more millions than are needed for the adequate development of its splendid state highway system to keep pace with the ever-increasing demands of motorized traffic.

"I have encountered this propaganda in various localities throughout our commonwealth when I stated my wish for the New Year was that I could get enough money to give the people of California all the highways they have asked for and urgently need instead of having only some $15,000,000 to satisfy a $100,000,000 demand.

"Such, however, is the situation that confronts us in the current biennium when out of all available state funds for highway expenditures the counties are getting $31,308,000, the cities $12,187,500, and other state departments are sharing to the extent of $686,000, while the State Division of Highways has only $15,469,891 of actual state revenues for major highway construction projects.

"The significance of the reference to this $15,469,891 as 'actual state revenue' is made apparent by the fact that only one-half of the $9,513,919 Federal aid has been appropriated to the state up to date and President Roosevelt has recommended to Congress that the other one-half be deferred until 1938.

"If this second appropriation is not received the allocation for major projects would be reduced by $4,756,960, leaving available in the current biennium the sum of $20,226,850 for major construction projects derived from both state and Federal aid funds.

"The loss of $4,756,960 Federal aid would necessarily mean a revision of the Division of Highways budget for the current biennium and the withdrawal of proposed projects that will cost approximately the amount of the Federal aid reduction. The deferment of these long needed improvements or additions to many parts of the state highway system would be a keen disappointment to localities that would be affected and in some might prove a real hardship."

U. S. HIGHWAY FUND FOR STATE IS APPROVED

House Committee Reports Bill Carrying $4,750,000 Appropriation

Continued Federal aid for state highway construction is included in the Agricultural Department appropriation bill to the full $12,000,000 authorization of the Hayden-Cartwright Act, State Highway Engineer C. H. Purcell was advised yesterday. California's share of the appropriation will be about $4,750,000.

A telegram from Representative Clarence Lea to Mr. Purcell brought news of the House Appropriations Committee recommendation that Federal aid be continued in the 1937 fiscal year. The President advised in his budget message that further Federal aid be deferred until 1938. The withdrawal would have embarrassed many state highway departments, including California, where programs had been prepared utilizing the anticipated Federal appropriation. If the money were not forthcoming it would be necessary to revamp California's biennial program and probably to eliminate certain projects.

Representative Lea's message stated that $60,000,000 had been included in the appropriation bill for highway aid, a sum considered sufficient to meet commitments in the 1937 fiscal year. The Secretary of Agriculture is authorized to approve projects submitted and to proceed according to the policy outlined by the Hayden-Cartwright Act.

With the committee's recommendation it is expected the appropriation will be passed in Congress without further opposition.

GROVE PRESIDENT SAN DIEGO A.G.C.

San Diego Chapter, Associated General Contractors, at the annual meeting February 13 elected C. B. Grove president for the ensuing year. Mr. Grove has been engaged in the general contracting and trucking business in San Diego for more than 20 years. He succeeds V. R. Dennis as president of the chapter.

M. H. Golden, general building contractor, was elected vice-president.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
299	Doelger	Owner	4000
300	Doelger	Owner	4000
301	Doelger	Owner	4000
302	Doelger	Owner	4000
303	Doelger	Owner	4000
304	Doelger	Owner	4000
305	Doelger	Owner	4000
306	Crocker	Dinwiddie	8000
307	Jason	Owner	1500
308	Johnsen	Owner	10000
309	Land	Owner	3500
310	Land	Owner	3500
311	Land	Owner	3500
312	McCabe	Owner	4500
313	Hyman	Owner	4500
314	Hilbar	Barrett	2000
315	Besio	Owner	4000
316	Anza	Rousseau	5000
317	Sellman	Segregated	10000
318	Popkin	Anderson	4500
319	Johnson	Owner	1000
320	Sternes	Owner	1100
321	Davis	Owner	8000
322	Davis	Owner	8000
323	Meyer	Owner	7600
324	Nelson	Owner	6250
325	Nelson	Owner	6250
326	Nelson	Owner	6250
327	Nelson	Nelson	6250
328	Nelson	Owner	12500
329	Nelson	Owner	6250
330	Davis	Owner	8000
331	Davis	Owner	8000
332	Standard	Owner	3500
333	Standard	Owner	3500
334	Fung	Yick	1000
335	Johnson	Owner	1000
336	Perutz	Owner	1830
337	Standard	Owner	3500
338	Standard	Owner	3500
339	Standard	Owner	3500
340	Standard	Owner	3500
341	Standard	Owner	3500
342	Standard	Owner	3500
343	Standard	Owner	3500
344	Standard	Owner	3500
345	Standard	Owner	3500
346	Standard	Owner	3500
347	Horn	Owner	3000
348	Horn	Owner	3000
349	Horn	Owner	3000
350	Strauss	Owner	2000
351	Edmonds	Lindsay	4500
352	United	Mullen	2800
353	Union	Early	1000
354	Sheffey	Winfrey	3500
355	Lawrence	Wagner	2000
356	Marshall	Burke	1000
357	Chiappari	Lindsay	3500
358	Barry	Anderson	4000
359	Blum	Owner	3000
360	Routh	Owner	6000
361	Bonos	Owner	2898
362	Healey	Owner	1745
363	Basford	Owner	1000

DWELLING
(299) W THIRTIETH AVE. 225 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(300) W THIRTIETH AVE. 250 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(301) W THIRTIETH AVE. 275 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(302) W THIRTIETH AVE. 300 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(303) W THIRTIETH AVE. 325 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(304) W THIRTIETH AVE. 350 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(305) E THIRTY-FIRST AVE. 350 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(306) BUSH ST. AND VAN NESS Ave. Alter apartments.
Owner—Crocker First National Bank, San Francisco.
Architect—Not Given.
Contractor — Dinwiddie Construction Co., Crocker Bldg. $8000

ALTERATIONS
(307) NO. 168 O'FARRELL ST. Alter store.
Owner — Katherine M. Jason, 167 O'Farrell St., San Francisco.
Architect—Albert Farr, % Owner. $1500

FLATS
(308) S BEACH ST. 107 W Broderick St. Two-story and basement frame flats.
Owner—Peder P. Johnson, 1750 Bay St., San Francisco.
Architect—Not Given. $10,000

(309) E TWENTY-FOURTH AVE. 22 N Wawona St. One-story and basement frame dwelling.
Owner — Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $3500

DWELLING
(310) E TWENTY-FOURTH AVE. 47 N Wawona St. One-story and basement frame dwelling.
Owner — Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $3500

DWELLING
(311) E TWENTY-FOURTH AVE 72 N Wawona St. One-story and basement frame dwelling.
Owner — Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $3500

DWELLING
(312) E TWENTY-SIXTH AVE. 139 S Ocean Ave. One-story and basement frame dwelling.
Owner—Jas. W. McCabe, 716 Ulloa St., San Francisco.
Architect—D. E. Jaekle, % Owner. $4500

DWELLING
(313) S BURROWS ST. 90 E Girard St. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $1500

ALTERATIONS
(314) NE FIFTH AND SHIPLEY Sts. Alter Class C warehouse.
Owner — Hilbar Properties Co., 918 Harrison St., San Francisco.
Engineers—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $2000

DWELLING
(315) SW RAE AND WHIPPLE STS. One-story and basement frame dwelling.
Owner—L. Besio, 450 Lisbon St., San Francisco.
Architect—Not Given. $4000

DWELLING
(316) NE TWENTY-FOURTH AVE. and Noriega St. One-story and basement frame dwelling.
Owner—Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect — Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St., S. F. $5000

APARTMENTS
(317) NW WEBSTER AND NORTH Point Sts. Three-story and basement frame apartments (2nd unit)
Owner—Sellman-Bohlieu, 1920 Green St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Engineer—Jas. M. Smith, 251 Kearny St., San Francisco
Contractor—Segregated. $10,000

DWELLING
(318) N LAWTON ST. 95 E 34th Ave. Two-story and basement frame dwelling.
Owner—A. G. Popkin, 1598 34th Ave., San Francisco.
Architect — Hertzka & Knowles, 369 Pine St., San Francisco.
Contractor—A. C. Anderson, 4175 19th St., San Francisco. $4500

ALTERATIONS
(319) NO. 1117-1133 GREEN STREET. Alter flats.
Owner—Byron S. Johnson, 1079 Broadway, San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(320) NO. 300 BAYSHORE BLVD. Alter flats.
Owner—Mrs. Eva Sternes, Premises.
Architect—Not Given. $1100

FLATS
(321) W BEAUMONT ST. 191 S St. Roses St. Two-story and basement frame flats.
Owner—Davis & Ham, 105 Montgomery St., San Francisco.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco. $8000

FLATS
(322) W BEAUMONT ST. 224 S St. Roses St. Two-story and basement frame flats.
Owner—Davis & Ham, 105 Montgomery St., San Francisco.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco. $8000

DWELLINGS
(323) W EIGHTEENTH AVE. 275 & 300 S Ulloa St. Two one-story and basement frame dwellings.
Owner—Meyer Bros., 735 Portola Dr., San Francisco.
Architect—Not Given. $3800 ea

DWELLING
(324) NW OCEAN AVE. & PINEhurst Way. One-story and basement frame dwelling.
Owner—M. Nelson, 251 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. $6250

DWELLING
(325) W PINEHURST WAY 35 N Ocean Ave. One-story and basement frame dwelling.
Owner—M. Nelson, 251 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. $6250

DWELLING
(326) NE OCEAN AVE. AND WESTgate Drive. One-story and basement frame dwelling.
Owner—M. Nelson, 251 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. $6250

DWELLING
(327) N OCEAN AVE. 45 E Westgate Drive. One-story and basement frame dwelling.
Owner—M. Nelson, 251 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. $6250

DWELLING
(328) N OCEAN AVE. 45 and 77 W Pinehurst Way. Two one-story and basement frame dwellings.
Owner—M. Nelson, 251 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., S. F $6250 each

DWELLING
(329) E WESTGATE DRIVE 35 N Ocean Ave. One-story and basement frame dwelling.
Owner—M. Nelson, 251 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. $6250

FLATS
(330) W BEAUMONT ST. 191 S St. Roses St. Two-story and basement frame flats.
Owner—Davis & Ham, 105 Montgomery St., San Francisco.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco. $8000

FLATS
(331) W BEAUMONT ST. 224 S St. Roses St. Two-story and basement frame flats.
Owner—Davis & Ham, 105 Montgomery St., San Francisco.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco. $8000

DWELLING
(332) W THIRTIETH AVS. 250 N Moraga St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(333) E FORTY-FOURTH AVE. 150 S Kirkham St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(334) NO. 644 JACKSON ST. Alter warehouse.
Owner—Fung Chong, Premises.
Architect—Not Given.
Contractor—Frank Yick, 670 Washington St., San Francisco. $1000

ALTERATIONS
(335) NO. 1117-1133 GREEN STREET Alter flats.
Owner — Byron S. Johnson, 1079 Broadway, San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(336) SW NINTH AND MARKET. Alter dance hall.
Owner—A. Richard Perutz, 849 Mission St., San Francisco.
Architect—Not Given. $1830

DWELLING
(337) E FORTY-FOURTH AVE. 200 S Kirkham St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(338) E THIRTY-FIRST AVE. 125 N Moraga St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(339) W FORTY-THIRD AVE. 25 N Lawton St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(340) E THIRTY-FIRST AVE. 100 N Moraga St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(341) W FORTY-THIRD AVE. 50 N Lawton St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(342) E FORTY-FOURTH AVE. 225 S Kirkham St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(343) W FORTY-THIRD AVE. 75 N Lawton St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(344) N KIRKHAM ST. 107 E 25th Ave. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(345) E FORTY-FOURTH AVE. 250 S Kirkham St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(346) E FORTY-FOURTH AVE. 175 S Kirkham St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(347) E THIRTY-THIRD AVE. 75 S Vicente St. One-story and basement frame dwelling.
Owner—Henry Horn, 170 Upland Dr., San Francisco.
Architect—Not Given. $3000

DWELLING
(348) E THIRTY-THIRD AVE. 25 S Vicente St. One-story and basement frame dwelling.
Owner—Henry Horn, 170 Upland Dr., San Francisco.
Architect—Not Given. $3000

DWELLING
(349) E THIRTY-THIRD AVE. 50 S Vicente St. One-story and basement frame dwelling.
Owner—Henry Horn, 170 Upland Dr., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(350) NO. 555 TENTH ST. Alter storage building.
Owner—L. Strauss, Premises.
Architect — S. O. Berg, 720 Corbett Ave., San Francisco. $2000

DWELLING
(351) E FORTY-SECOND AVE. 350 N Geary St. One-story and basement frame dwelling.
Owner—J. W. Edmonds, 677 43rd Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco. $4500

ALTERATIONS
(352) NO. 315-321 BUSH ST. Alter cocktail bar.
Owner—United Bldg. Constr. Co., 321 Bush St., San Francisco.
Architect—Not Given.
Contractor — Mullen Manufacturing Co., 60 Rausch St., S. F. $2800

ALTERATIONS
(353) SW THIRD AND EVANS STS. Alter service station.
Owner—Union Oil Co., Mills Tower, San Francisco.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $1000

DWELLING
(354) W EDGEWOOD 346 S First angle or Edgewood. Two-story frame dwelling.
Owner—Simeon Sheffey, 161 Edgewood St., San Francisco.
Architect—Not Given.
Contractor—H. E. Winfrey, 161 Edgewood St., San Francisco. $3500

ALTERATIONS
(355) NO. 57 DRUMM ST. Alter warehouse.
Owner—Lawrence Warehouse Co., 57 Drumm St., San Francisco.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $2000

ALTERATIONS
(356) NO. 1232 SIXTEENTH AVE Alter dwelling.
Owner—John J. Marshall, Premises.
Architect—Not Given.
Contractor—Jas. E. Burke, 1494 Guerrero St., San Francisco. $1000

DWELLING
(357) E ATHENS ST. 25 S France Ave. One-story and basement frame dwelling.
Owner—Phillip Chiappari, 710 Anderson St., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco. $3500

DWELLING
(358) W FUNSTON AVENUE 130 S Santiago St. One-story and basement frame dwelling.
Owner—Thos. Barry, 3727 Army St., San Francisco.
Architect—Not Given.
Contractor—Jas. A. Anderson, 2321 Cecelia St., S. F. $4000

DWELLING
(359) E GOETTINGEN ST. 125 S Silliman St. One-story frame dwelling.
Owner—Joe Blum, 212 Silliman St., San Francisco.
Architect—Not Given. $:

DWELLING
(360) N LAWTON ST. 140 W 15th Ave. Two-story and basement frame dwelling.
Owner—H. E. Routh, 178 De Soto St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer — L. H. Nishkian, Underwood Bldg., San Francisco. $6000

ALTERATIONS
(361) NO. 809 VAN NESS AVE SO. Alter flats.
Owner—G. Bonos and P. Georgealos, Premises.
Architect—Not Given. $2898

ALTERATIONS
(362) NO. 1128 GUERRERO STREET Alter dwelling.
Owner—A. J. and C. R. Healey, 1128 Guerrero St., San Francisco.
Architect—Not Given. $1745

ALTERATIONS
(363) NO. 425 SECOND ST. Alter offices and storage building.
Owner—H. R. Basford Co., Prem.
Architect—Not Given. $1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
165	El Dorado	Owner	5000
166	Calvin	Lynn	1000
167	La Vogue	Mullen	1500
168	Pacific	Walker	3000
169	Standard	Owner	1500
170	Schmid	Parks	4000
171	Morgensen	Owner	5500
172	Roseberg	Owner	4000
173	Christ	Paige	19760
174	Rose	Cameron	3000
175	Pleitner	Watson	3800
176	Union	Early	5000
177	Berkeley	Western	1000
178	Foltz	Parks	7000
177	Allen	Pressler	4500
178	Simpson	Nordstrom	1000
179	Shipp	Leiter	9800
180	American	Swanstrom	1000
181	Philips	Lynn	1000
182	Adams	Lynn	1000
183	Steffensen	Steffensen	3500
184	Kraft	Cahill	17000
185	Scott	Owner	1000
186	Smith	Smith	6400
187	Kameny	Thrams	8750

OFFICE BLDG.
(165) FOOT OF ADELINE STREET, **OAKLAND.** One-story brick office building.
Owner and Builder—El Dorado Oil Co. foot of Adeline St., Oakland.
Plans by Lochiel M. King, 3rd and University Sts., Berkeley. $5,000

ALTERATIONS
(166) 474 13th STREET, **OAKLAND.** Alterations.
Owner—Calvin Philips Company.
Architect—Not Given.
Contractor—W. F. Lynn, 1037 Ashmount Ave., Oakland. $1000

ALTERATIONS
(167) 1911 BROADWAY, **OAKLAND.** Alter store front.
Owner—La Vogue Dress Shop, 1911 Broadway, Oakland.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St., San Francisco. $1500

STORAGE BLDG.
(168) NO. 1822 SECOND STREET, **BERKELEY.** One-story storage building.
Owner—Pacific Guano & Fertilizer Co.
Architect—Not Given.
Contractor — P. J. Walker Co., 608 Sharon Bldg., S. F. $3000

ALTERATIONS
(169) NO. 2701 WEBSTER STREET, **BERKELEY.** Alterations.
Owner—Standard Oil Co., San Francisco.
Architect—Not Given. $1500

ADDITIONS
(170) NO. 1640 EUCLID AVENUE, **BERKELEY.** Additions.
Owner—Mary Schmid, Premises.
Architect—Not Given.
Contractor—R. F. Parks, 1847 Yosemite St., Berkeley. $4000

DWELLING
(171) NO. 201 FLORENCE STREET, **OAKLAND.** Two-story six-room dwelling.
Owner—Morgensen Bros., 5664 Broadway, Oakland.
Architect—Not Given. $5500

DWELLING
(172) NO. 2824 EIGHTY - SECOND Ave., **OAKLAND.** Two-story six-room dwelling.
Owner—August Roseberg, 1712 48th Ave., Oakland.
Architect—Not Given. $4000

RESIDENCE
(173) NO. 60 BELLEVUE AVENUE, **PIEDMONT.** Two-story 10-room frame residence and garage.
Owner — Andrew Christ, Clarendon Crescent, Berkeley.
Architect — Williams & Wastell, 374 17th St., Berkeley.
Contractor — Harold L. Paige, 5651 Oak Grove St., Oakland, $19,760

STATION
(174) NO. 1708 HARRISON STREET, **OAKLAND.** One-story steel station.
Owner—M. J. Rose.
Architect—Not Given
Contractor—H. C. Cameron, 358 17th St., Oakland. $3000

DWELLING
(175) NO. 3390 GUIDO STREET, **OAKLAND.** One-story five-room dwelling.
Owner—H. A. Pleitner, 4021 E-14th St., Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland. $3800

STATION
(176) NO. 5300 BROADWAY, **OAKLAND.** One-story steel service station,
Owner—Union Oil Co., 516 18th St., Oakland.
Architect—Not Given.
Contractor — Fred J. Early Jr., 366 40th St., Oakland. $5000

TANK
(177) NO. 2100 THIRD ST., **BERKELEY.** Steel tank.
Owner—Berkeley Oil & Meal Co, 2100 Third St., Berkeley.
Architect—Not Given.
Contractor—Western Pipe & Steel Co. San Francisco. $1000

DWELLING
(178) NO. 632 CRAGMONT AVENUE **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner—Robert E. Foltz, Berkeley.
Architect — E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor — Randolf F. Parks, 1847 Yosemite Road. Berkeley. $7000

DWELLING
(177) NO. 4124 LYMAN ROAD, **OAKLAND.** One-story 6-room dwlg.
Owner — Roy A. Allen, 7942 Hoover Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland. $4500

GARAGE
(178) NO. 4200 BROADWAY, **OAKLAND.** One-story tile garage.
Owner—Simpson & Breen, 4200 Broadway, Oakland.
Architect—Not Given.
Contractor — Daniel Nordstrom, 450 Emerald St., Oakland. $1000

RESIDENCE
(179) 18 OAKVALE AVENUE, **OAKLAND.** Two-story 10-room residence and garage.
Owner—Kenneth J. Shipp, 11 Eucalyptus Road, Oakland.
Architect—Not Given.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland. $9800

ALTERATIONS
(180) 1401 BROADWAY, **OAKLAND.** Interior alterations.
Owner—American Trust Co., premises
Architect—Not Given.
Contractor—George Swanstrom, 1615 78th Ave., Oakland. $1000

ALTERATIONS
(181) 474 13th STREET, **OAKLAND.** Alterations.
Owner—Calvin Philips Co., 407 15th St., Oakland.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland. $1,000

ALTERATIONS
(182) 551 MONTCLAIR AVE., **OAKLAND.** Alterations and repairs.
Owner—Wesley Adams, 551 Montclair Ave., Oakland.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland. $1,000

DWELLING
(183) 5928 LAIRD AVE., **OAKLAND.** One-story 5-room dwelling.
Owner—Frank Steffensen, 1300 Webster Street.
Architect—Not Given.
Contractor—A. Steffensen, 1300 Webster St., Oakland. $3,500

ADDITION
(184) 2601 ADELINE Street, **OAKLAND.** One - story concrete garage addition.
Owner—Kraft Phoenix Cheese Corp., 962 Battery St., San Francisco.
Architect—W. Adrian, 417 Market St. San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco. $17,000

SHOP
(185) 1010 36th AVE., **OAKLAND.** One-story shop.
Owner and Builder—S C. Scott, 1006 38th Ave., Oakland.
Architect—Not Given. $1,000

APARTMENTS
(186) 275 38th ST., **OAKLAND.** Two-story 11-room apartments.
Owner—Thesta C. Smith, 275 38th St., Oakland.
Architect—Not Given.
Contractor—C. G. Smith, 275 38th St., Oakland. $6,400

DWELLING
(187) 1922 WRENN ST., **OAKLAND.** Two-story 7-room dwelling.
Owner—Dr. L. Kameny, 1916 Broadway, Oakland.
Architect—Ray F. Keefer, 585 Mandana Blvd., Oakland.
Contractor—C. H. Thrams, 28 Home Place, Oakland. $8,750

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
23	Anderson	Papenhausen	7135
24	Stelling	Appeube	14437

DWELLING
(23) SW YERBA BUENA and Santa Paula. One-story and basement frame dwelling.
Owner—Edmund F. and Dorothy M. Anderson, % contractor.
Architect—Masten & Hurd, 233 Post.
Contractor—H. Papenhausen, 595 Victoria
Filed, Feb. 20, '36. Dated, Feb. 3, '36
When frame completed.....$1,783.75
Brown coated and house enclosed 1,783.75
Completed and accepted..... 1,783.75
Usual 35 days..... 1,783.75
TOTAL COST, $7,135.00
Bond, $3,567.50. Sureties, C. W. Higgins and Robert Postler. Limit, 90 working days. Plans and Specifications filed.

STORES
(24) S LAWTON ST. 90 W Twenty-fifth Ave. All work for one-story frame store building.
Owner—Martin Stelling Jr., 2980 Vallejo St., San Francisco.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Contractor — Frank G. Appelbe, 1067 Walker Ave., Oakland.
Filed Feb. 24, '36. Dated Feb. 21, '36.
On 5th of each month..... 75%
Usual 35 days..... Balance
TOTAL COST, $14,437
Bond, $14,437. Surety, Maryland Casualty Co. Limit, 45 working days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
20	Union Oil	Early	5391
21	Walsh	Peterson	3175
22	Church	Parks	5000

SERVICE STATION
(20) BROADWAY and Broadway Terrace, Oakland. Service station
Owner—Union Oil Company.
Architect—Not Given.
Contractor—Fred J. Early, 369 Pine St., San Francisco.
Filed, Feb. 24, '36. Dated Feb. 14, '36
Five days after completion.....75%
Usual 35 days.....25%
TOTAL COST, $5,391
Limit, 35 days. Plans and Specifications filed.

ALTERATIONS
(21) 1555 23rd AVE., Oakland. Alterations and moving buildings.
Owner—W. F. Walsh and Madonna Walsh MacKenzie, 1557 23rd Ave., Oakland.
Architect—Not Given.
Contractor—J. B. Peterson and Son, 4021 Agua Vista Ave., Oakland.
Filed, Feb. 26, '36. Dated, Jan. 14, '36.
Buildings moved $793.75
Buildings on new foundations 793.75
Completion 793.75
Usual 35 days..... 793.75
TOTAL COST, $3175.00
Bond, $3125. Sureties, Hartford Accident & Indemnity Co. Plans and Specifications filed.

RESIDENCE
(22) LOT 2 BLK F, map of Twohy's 2nd Addn. to Berkeley. Residence.
Owner—C. H. Church, 1006½ Cragmont Ave., Berkeley.
Architect—B. Reede Hardman, 2068 Allston Ave., Berkeley.
Contractor—Randolph F. Parks, 1847 Yosemite St., Berkeley.
Filed, Feb. 26, '36. Dated, Oct. 25, '35.
Rough frame work comp.....$1250
Brown coated 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, $5,000
Limit, 90 days.

SAN FRANCISCO UNDER $1000

ALTER garage, $500; 22 Huron St.; owner, New Process Laundry, Premises; contractor, Barrett & Hilp, 918 Harrison St.
BILLBOARD, $13; E West Portal 240 S 14th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
SIGN, electric, $300; 1480 Folsom St.; owner, Hertz Drivurself, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER restaurant, $400; 601 Union St.; owner, P. Gavello, 300 Lombard St.
ALTER dwelling, $450; 3220 San Jose Ave.; owner, Wm. J. Dale, 3230 San Jose Ave.; contractor, Hanson Bros., 5840 Mission St.
ALTER flats, $300; 3342-44-46 21st St. owner, John Daly, 45 Ashbury Terrace; contractor, Peter Stromshenn, 538 Kirkham St.
ALTER dwelling, $50; 11 August Alley owner, S. J. Wehrli et al, 753 Union
ALTER auto showroom, $500; 3635 Geary St.; owner, H. Kreger, 3635 Geary St.; contractor, Jas. H. McFarland, 710 47th Ave.
ALTER restaurant, $500; 2280 Chestnut St.; owner, A. H. Albertson, Premises; contractor, Mullen Mfg. Co., 60 Rausch St.
SIGN, electric, $150; 2674 Mission St.; owner, Kay Dress Shop, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER industrial building, $200; 501 7th St.; owner, M. Gellert, 270 7th St.; contractor, Harry A. Cohen, 1267 46th Ave.
ALTER store, $65; 1511 Irving St.; owner, Bridge Inv. Co., 110 Sutter.
SIGN, electric, $100; 1200 Larkin St.; owner, Universal Garage, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.
ALTER dwelling, $135; 72 Macondray; owner, Mrs. C. Whiteman, care contractor; contractor, A-1 Contr. Co., 2433 Fillmore St.
SIGN, electric, $150; 2322 Mission St.; owner, Donohue, premises; contractor, Apex Elec. Co., 363 Fell.
SIGN, electric, $150; SW 8th St. and Bryant; owner, George's Place, premises; contractor, Apex Elec. Co., 363 Fell St.
ALTER flats, $196; 3040 Lyons Street; owner, H. C. Collins, premises.
ALTER restaurant, $200; 433 3rd St.; owner, Mrs. Gertie Wells, premises.
ALTER apts., $450; 408 29th Avenue; owner, Mrs. F. S. Sick, premises; contractor, Fred M. Kimball, 128 9th Ave.
ALTER store, $500; 977 Market St.; owner, Zinke Shoe Renewing Corporation, 977 Market St.; contractor, Mullen Mfg. Co., 60 Rausch.
ATER apts., $500; 2395 24th Avenue; owner, Mortgage Ins. Corp., 609 S Grand Ave., Los Angeles; contractor, Bernhardt & Cowen, 924 Taraval St.
ATER dwelling, $500; 2365 North Pt. St.; owner, B. R. Sharp, premises; contractor, John Munson, 2419 15th Street.
ALTER dwelling, $600; 315 Cherry; owner, L. Honig, premises; contractor, Miller & McGillis, 527 19th Avenue.
SIGN, electric, $900; 616 Divisadero; owner, Harding Theatre, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER dancing school, $400; 2677 Mission St.; owner, J. C Thornton, Premises; contractor, Not Let
SIGN, electric, $200; 1317 Fillmore St.; owner, Helena Beauty Parlor, 1317 Fillmore St.; contractor, Wonderlite Neon, 170 Otis St.
SIGN, board, $45; 1566 Haight St.; owner, Foster Lunch System, 986 Mission St.; contractor, Swan, The Painter, 1117 Howard St.
ALTER hotel, $175; 1500 Sutter St.; owner, H. Schloss et al, Premises.
ALTER store, $90; 298 Turk St.; owner, L. S. Rodman, 318 Kearny St.
SIGN, electric, $400; 1499 Market St.; owner, William L. Hughson Co., Prem.; contractor, Wonderlite Neon, 170 Otis St.
SIGN, electric, $100; 1698 Pacific Ave owner, Robert Grison, Premises; contractor, Wonderlite Neon, 170 Otis St.
ALTER store, $90; 298 Turk St.; owner, L. S. Bardman, 942 Mission St.
ALTER private garage, $300; 2399 Bryant St.; owner, P. Luisoe, Premises.
ALTER theatre, $400; Ellis St. bet. Powell and Stockton Sts.; owner, C. R Collupy, 105 Montgomery St.; contractor, Phoenix Simpton 520 Sixth St.
SIGN, electric, $150; 2110 Fillmore St.; owner, Yumais Furs, Premises; contractor, Wonderlite Neon, 170 Otis St.
ALTER stores, $400; 1515 Fillmore St. owner, Mercantile Prop. Co., 155 Montgomery St.
ALTER store, $350; NW LaSalle and Third Sts.; owner, Solari & Righetti, 4420 Third St.; contractor, C. Faggioni, 1567 Revere St.
ALTER store, $400; 840 Grant Ave.; owner, Fook Kee, 840 Grant Ave. contractor, Frank Yick, 670 Washington Street.
ALTER store, $225; 2695 Mission St.; owner, W. Garcia, 3350 26th St.

ALAMEDA COUNTY UNDER $1000

ALTERATIONS, $500; 1432 Broadway, Oakland; owner and contractor, See's Candies, Inc., 160 10th St., San Francisco.
WRECK two buildings, $50.00 each; 2417-21 Valdez St., Oakland; owner, Mrs. H. B. Brunje; contractor, Symon Bros., 32nd Ave. and E 14th St., Oakland.
EXTERIOR stucco, $250; 1045 65th St. Oakland; owner, A. Cfenogglio; contractor, Jos. Giochetto, 1209 Derby St., Berkeley.
ADDITION, $500; 1006 38th Avenue, Oakland; owner and contractor, S. C. Scott, premises.
ALTERATIONS, $75; 1110 Franklin St., Oakland; owner and contractor, E. O'Malley, premises.
ROOF repairs, $48; 5500 Vicente St., Oakland; owner, C. N. Anderson; contractor, Reinforced Roof Co., 676 45th St., Oakland.
ALTERATIONS, $100; 329 Jefferson St., Oakland; owner, A. Silvoni, 1206 Carrison St., Berkeley.
ALTERATIONS, $200; 2341 San Pablo Ave., Oakland; owner, Vicks Distributing Co., premises; contractor, A. Icardi, 972 Aileen Street, Oakland.
ROOF repairs, $360; 2350 Webster St. Oakland; owner, Building & Loan Comm., 2230 Broadway, Oakland; contractor, Mastercraft Tile and Roof Co., Richmond.
ROOF repairs, $114; 1619 52nd Ave., Oakland; owner, Bldg. and Loan Comm.; contractor, Mastercraft Tile & Roof Co., Richmond.
RE-ROOF, $162; 5428 Locksley Ave., Oakland; owner, J. T. Martin, premises; contractor, New Art Roof Co., 1307 Fruitvale Avenue, Oakland.
INTERIOR alterations, $40; 2438 San Pablo Ave., Oakland; owner and contractor, M. A. Bowcater, 1097 Keith Ave., Berkeley.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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3.—Churches
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8.—Club Buildings
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11.—Ice and Cold Storage Plants
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13.—Public Buildings, Fire Houses and Jails
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16.—Banks, Stores and Offices
17.—Theatres
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19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
ALTERATIONS Cost, $10,000
SAN FRANCISCO. Bush St. and Van Ness Avenue.
Alterations to apartments.
Owner—Crocker First National Bank.
Architect—Not Given.
Contractor — Dinwiddie Construction Co., Crocker Building.

Planned.
APARTMENTS Cost, $10,000
SANTA CRUZ, Santa Cruz Co., Calif. No. 516 Pacific Avenue.
Two-story frame apartment building (6 apts.)
Owner—D. Cacace, Premises
Architect—Not Given

Contract Awarded
ALTERATIONS Cost, $2,000
SAN JOSE, Santa Clara Co., Calif. 30 South Eighth Street.
Alterations to apartment building.
Owner—Mrs. J. Childs, premises.
Architect—Not Given.
Contractor—A. F. Haskins, 760 South Third St., San Jose.

CONSTRUCTION TO START SHORTLY
PHOENIX, Arizona — Jack Davey and Charles Harvey, 3820 N. Seventh St., Phoenix, will start work this week on the erection of a 40-unit apartment court on Grand Avenue, Phoenix. Each apartment will contain two rooms and bath; brick and hollow tile construction, stucco exteriors, etc.

Contract Awarded
APARTMENTS Cost, $7,500
OAKLAND, Alameda Co., Calif. 275 38th Street.
Two-story frame and stucco apartment building (11 rooms).
Owner—Thesta C. Smith, 275 38th St., Oakland.
Architect—Not Given.
Contractor—C. G. Smith, 275 38th St., Oakland.

3— CHURCHES

Sub-Contracts Awarded.
CHURCH Cont. Price, $9370
LAGUNITAS, Marin Co., Calif.
One-story frame and stone church.
Owner—Sacred Heart Curch.
Architect — E. A. Eames, 353 Sacramento St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Steel—W. S. Wetenhall Co., 17th and Wisconsin Sts., San Francisco.
Lumber—Smith Lumber Co., 4th and Channel Sts., San Francisco.
Millwork — Brannan Street Planing Mill, 560 Brannan St., San Francisco.
Brick Work—Wm. Scott.
Miscellaneous Iron Work — McNeill-Steinberg Mfg. Co., 666 Mission St., San Francisco.

4— FACTORIES & WAREHOUSES

Plans Being Figured.
DISTRIBUTING PLANT Cost, $12,000
SOUTH VALLEJO, Solano Co., Calif.
One - story distributing plant (steel building with storage tanks).
Owner—Shell Oil Co., 315 Derby St., Oakland.
Plans by Engineering Dept. of Owner. Bids are being received by E. Davidson, Shell Plant, Benicia.

Planned
ADDITION Cost, $75,000
STOCKTON, San Joaquin Co., Calif. Fresno and South Avenue.
Addition to cannery (new automatic canning equipment, etc.)
Owner—Flotill Products, Inc., Fresno and South Ave., Stockton (Mrs. Tillie Weisberg, General Mgr.)
Architect—Not Given.
Further details will be announced shortly.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. NE Fifth and Shipley Streets.
Alterations to Class C warehouse.
Owner — Hilbar Properties Co., 918 Harrison St., San Francisco.
Engineers—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

PREPARING PLANS
SAN DIEGO, Cal.—Edward C. Taylor and Ellis W. Taylor, architects and engineers, 803 W. Third St., Los Angeles, are preparing plans for a manufacturing and engineering bldg. to be erected at 3302 Atlantic St., San Diego, for the Consolidated Aircraft Corp. The main portion of the building will be 200x200 feet in area, with a wing 100x125 feet, and two mezzanine floors. Floor area will total about 93,000 sq. ft. It will be a steel frame structure with corrugated iron sides and roof, steel sash, concrete foundations and floors, plank floors on mezzanines, toilet facilities, 12 rolling doors, each 13x40 ft., electrical work, etc. Bids will be called next week for the structural steel.

TO BE DONE BY DAY'S WORK
LONG BEACH, Los Angeles Co., Cal.—Structural Engineer Wm. J. Moran, 1011 S. Fremont St., Alhambra, has completed plans for the storage portion of a linseed oil manufacturing plant to be built at 305 Badger Ave., Long Beach, for Spencer Kellogg & Sons of Buffalo, New York. Work will be started immediately by day labor under Mr. Moran's supervision. Units to be built at this time include a reinforced concrete grain storage building, 67x142 feet in area; eight tanks, each 25 feet in diameter and 77 feet high; and a steel frame warehouse with wood piles, freight elevator, steel sash, metal doors, etc. Cost $75,000. Plans are being prepared by Mr. Moran for other buildings to be built on the site, including a mill building, refinery, boiler house, office building and a wharf

WORKING DRAWINGS COMPLETE
SAN PEDRO, Los Angeles Co., Cal.—Architect John H. Christie, Southern Pacific Bldg., San Francisco, has completed working drawings for erection of addition to warehouse at Dock 51-51 Outer Harbor, San Pedro Dist., for Outer Harbor Dock & Wharf Co. The addition will be 84x49 feet in area, concrete pile foundation and superstructure, metal - covered doors, sprinkler system, steel sash, etc. Estimated cost, $75,000.

Sub-Contracts Awarded
CREAMERY Cost, $50,000
STOCKTON, San Joaquin Co., Calif. Fremont and Lincoln Streets.
One-story brick creamery.
Owner—Blue Ribbon Dairy Farms, 116 East Oak Street, Stockton.
Plans by Engineering Dept. of Owner
Contractor—T. E. Williamson, P. O. Box 93, Stockton.
Plumbing and Sheet Metal—A. D. Ray 735 E. Lafayette St., Stockton.
Lumber—San Joaquin Lumber Co., P. O. Box 71, Stockton.
Steel Sash—Turner Hardware Co., 24 N. American St., Stockton.
Concrete—A. Sandberg, R. F. D. No. 2, Box 40-D, Stockton.
Reinforcing Steel—Kyle & Co., 346 G St., Fresno.

Contract Awarded
WAREHOUSE Cont. Price, $22,970
WINTERS, Yolo Co., Calif.
One- and two - story reinforced concrete warehouse and fruit packing building (60x230 feet).
Owner—Winters Dry Fruit Company, Winters.
Architect—Dragon and Schmidts, 3016 Telegraph Ave., Berkeley.
Contractor—Geo. Petersen, 1841 Bancroft Ave., San Leandro.
Complete bids follow:
(1) concrete construction;
(2) frame construction;

George Petersen, San Leandro		
	(1)	$22,970
	(2)	19,973
David Nordstrom, Oakland	(1)	23,900
	(2)	20,632
C. M. Norgrove, Berkeley	(1)	25,600
	(2)	23,332
N. H. Sjoberg, S. F.	(1)	26,893
	(2)	23,242
Victor Kaufenberg, Pittsburg		
	(1)	27,495
	(2)	23,492
Roth Bros., Woodland	(1)	28,228
	(2)	24,290
C. F. Unger, Sacramento	(1)	28,414
	(2)	24,600
Kane & Gould, Berkeley	(1)	28,565
	(2)	24,997
A. R. Gale, Winters	(1)	28,825
	(2)	25,555
Jack Witzelberger, Woodland		
	(1)	28,860
	(2)	24,872

Contract awarded for concrete construction.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO No. 644 Jackson Street.
Alterations to warehouse.
Owner—Fung Chong, Premises.
Architect—Not Given.
Contractor—Frank Yick, 670 Washington St., San Francisco.

LOW BIDDER
SANTA MONICA, Los Angeles Co., Calif.—Bethlehem Steel Co., Slauson Ave. and Downey Road, Los Angeles, awarded contract at $53,568 for furnishing and erecting approximately 700 tons of structural steel for an-

other manufacturing unit to be added to the west side of the Douglas Aircraft Co. plant at 3000 Ocean Park Blvd., Santa Monica. Edward Cray Taylor and Ellis Wing Taylor, 803 W. Third St., Los Angeles, architects and engineers.

PLANS BEING FIGURED—BIDS CLOSE MARCH 4

LOS ANGELES, Cal.—Architects J. C. Austin and Frederic M. Ashley, 6th floor, Chamber of Commerce Bldg., have completed working drawings and specifications and are taking bids from a selected list of contractors for a 5-story, Class A reinforced concrete warehouse to be erected at 107 S. Rose St. for California Hardware Co. Cost, $85,000.

Contract Awarded.
WAREHOUSE Cost, $5000
STOCKTON,, San Joaquin Co., Calif. No. 1931 E. Channel Street.
One-story frame warehouse.
Owner—Fred Braghetta, 1531 E. Fremont St., Stockton.
Architect—Not Given.
Contractor—T. E. Williamson, 1859 W. Rose St., Stockton.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 57 Drumm St.
Alterations to warehouse.
Owner—Lawrence Warehouse Co.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco.

5— FLATS

To Be Done By Day's Work.
FLATS Cost, $10,000
SAN FRANCISCO. W Twenty-fifth Ave. N Fulton St.
Two-story and basement frame and stucco flats.
Owner and Builder—T. I. Strand, 670 Victoria St., San Francisco

To Be Done By Day's Work.
FLATS Cost, $10,000
SAN FRANCISCO. S Beach St. W Broderick St.
Two-story and basement frame and stucco flats.
Owner and Builder—Peder P. Johnsen, 1750 Bay St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
ALTERATIONS Cost, $1100
SAN FRANCISCO. No. 300 Bayshore Blvd.
Alter flats.
Owner & Builder—Mrs. Eva Sternes, Premises.
Architect—Not Given.

To Be Done By Day's Work.
ALTERATIONS
SAN FRANCISCO. No. 1117 - 1133 Green Street.
Alter flats.
Owner and Builder—Byron S. Johnson, 1079 Broadway, San Francisco
Architect—Not Given.

Plans Being Completed
FLATS Cost, $7,500
SAN FRANCISCO.
Two - story and basement frame and stucco flats (one 3-room and one 4-room flat) composition roofing, gas heating system, steel & wood sash, hardwood floors, tile baths.
Owner—A. O. Graalfs, 431 Third Ave.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.
Bids will be asked about Feb. 29.

Sub-Bids Being Taken.
FLATS Cost, $11,500 each
SAN FRANCISCO. Beaumont Ave. (Francisco Heights).
Two 2-story and basement frame and stucco flats (two 5-room flats in each building) flat roof, steel and wood sash, hardwood floors, tile baths, steam heating system, etc.
Owner and Builder—L. B Ham and Geo. T. Davis, 105 Montgomery St., San Francisco.
Architect—Ed. M. Sharpe, 525 Market St., San Francisco.
Sub-bids are being received by L. B. Ham, 105 Montgomery St.

6—GARAGES & SERVICE STATIONS

Plans Completed
SERVICE STATION Cost, $3,000
SAN FRANCISCO. SW Grove and Franklin Streets.
Class B service station.
Owner—Associated Oil Co., 19 New Montgomery Street.
Plans by Engineering Dept. of Owner.

Preparing Working Drawings.
BUS SHED Cost, $10,000
TURLOCK, Stanislaus Co., Cal. High School Campus.
One-story reinforced concrete bus shed (accommodate 9 cars).
Ownetr — Turlock Union High School District.
Architect—G. N. Hilburn, 1212 I St., Modesto.
A meeting of the board will be held March 9, at which time a date for opening bids will probably be set.

Contract Awarded
SERVICE STATION Cost, $5,000
OAKLAND, Alameda Co., Calif. 5300 Broadway.
One-story steel service station.
Owner—Union Oil Co., 516 18th St., Oakland.
Architect—Not Given.
Contractor—Fred. J. Early, Jr., 366 40th St., Oakland.

Contract Awarded
SERVICE STATION Cost, $3,000
OAKLAND, Alameda Co., Calif. 1708 Harrison Street.
One-story steel service station.
Owner—M. J. Rose.
Architect—Not Given.
Contractor—H. C. Cameron, 358 17th St., Oakland.

Contract Awarded.
GARAGE Cost, $1000
OAKLAND, Alameda Co., Cal. No. 4200 Broadway.
One-story tile garage.
Owner—Simpson & Breen, 4200 Broadway, Oakland.
Architect—Not Given.
Contractor — David Nordstrom, 4150 Emerald St., Oakland.

Contract Awarded.
SERVICE STATION Cost, $5391
OAKLAND, Alameda Co., Cal. Broadway and Broadway Terrace.
Service station.
Owner—Union Oil Company.
Architect—Not Given.
Contractor—Fred J. Early, 369 Pine St., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $4500
SACRAMENTO, Sacramento Co., Cal. No.1601 Y Street.
Service station.
Owner—Richfield Oil Co., 917 11th St., Sacramento.
Plans by Engineering Dept. of Owner.
Contractor—Wm. Truesdale, 2116 H St., Sacramento.

Contract Awarded
SERVICE STATION Cost, $2,500
NEAR STOCKTON, San Joaquin Co., Calif. Outside city limits.
Steel service station.
Owner—General Petroleum Corp., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

Contract Awarded.
ADDITION Cost, $20,000
OAKLAND, Alameda Co., Calif. No. 2601 Adeline Street.
One-story concrete garage addition.
Owner—Kraft Phoenix Cheese Corp., 962 Battery St., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

7— FEDERAL BUILDINGS

BUILDING MATERIALS APPROVED

NORTH HOLLYWOOD, Los Angeles Co., Calif.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at North Hollywood. V. C. Brunzell and Alex Jacobson, 2150 Princeton Ave., Los Angeles, general contractors:

Plumbing fixtures, Crane Company; electric water coolers and drinking fountains, Halsey W. Taylor Mfg. Co.; gas burning water heater, Bryant Heater Co.; brass pipe, Chase Brass & Copper Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; relief valve, Mueller Mfg. Co.; backwater valve, Josam Mfg. Co.; non-conducting covering for plumbing, Johns-Manville Co; boiler, Fitzgibbons Boiler Co.; combination gas and oil burner, Ray Oil Burner Co.; tube and wall radiators, Crane Co.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, Crane Co.; air valves for radiators and air valves for ends of steam mains, Hoffman Specialty Co.

BUILDING MATERIALS APPROVED

MONTEBELLO, Los Angeles Co., Cal.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at Montebello. W. R. Ware, Whittier, general contractor.

Plumbing fixtures, Crane Company; brass pipe, Chase Brass & Copper Co.; electric water cooler and drinking fountain, Halsey W. Taylor Co.; relief valve on hot water tank, Mueller Co.; gas water heater, Bastian Morley Co.; oil heater, Excelso Products Corp.; pressure-reducing valve on water supply, Mueller Steam Specialty Co.; boiler, Kewanee Boiler Corp.; combination oil and gas burners, Ray Oil Burner Co.; nonconducting covering for plumbing and heating, Johns-Manville Co.; tube radiators and radiator valves, Crane Co.; air valves for radiators and air valves for ends of steam mains, Hoffman Specialty Co.; lighting distribution panel and service entrance switch, Westinghouse Elec. & Mfg. Co.; r.c. wire, General Cable Corp.; flush receptacles and flush switches, Bryant Elec. Co.

COMPLETE BIDS

LONG BEACH, Los Angeles Co., Cal.—As previously reported, Arthur M. Gelden, Chicago, Ill., at $1132 submitted low bid to Treasury Department, Washinbton, D. C., for painting plaster, etc., in the Long Beach Post Office.

Complete bids follow:

Arthur M. Gleden, Chicago	$1132
Patterson Bros., Oakland	1140
Newman Bros., McMinnville, Ore.	1254
D. Zelinsky, Los Angeles	1377
Wm Gelfan, Los Angeles	1616
W. B. Walters Co., Long Beach	2600

Bids held under advisement.

CONTRACT AWARDED

BELLINGHAM, Wash.—J. W. Macy Bellingham, at $1,275 awarded con-

tract by Treasury Department for extension of mailing platforms, etc., at the U. S. post office at Bellingham.

Plans Being Revised.
POST OFFICE Cost, $137,000
FLAGSTAFF, Arizona.
U. S. Post Office Building (three-story and basement, 80x83 feet).
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

BID OPENING POSTPONED INDEFINITELY

SPOKANE, Wash. — Treasury Department has postponed indefinitely the bid opening for furnishing and installing elevators in the U. S. Post Office to be erected at Spokane. Bid opening was scheduled for Feb. 25, 1 P. M.

Preparing Plans.
POST OFFICE Cost, $84,000
MESA, Arizona.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

BIDS WANTED

VENTURA, Ventura Co., Cal.—Until March 11, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for interior lighting fixtures in the U. S. post office at Ventura.

Specifications may be obtained from above office.

Site Selected.
POST OFFICE Cost, $——
UKIAH, Mendocino Co., Cal. NW Oak and Perkins Streets.
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

BIDS WANTED

COLTON, San Bernardino Co., Cal. —Until March 11, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for betterments (pipe rallings, concrete curbs, etc.) at the U. S. Post Office building in Colton. Specifications may be obtained from the custodian of the building.

BIDS OPENED

SANTA BARBARA, Cal.—Otis Elevator Co., Washington, D. C., at $3,254 submitted low bid to the Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing freight elevator in the U. S. post office at Santa Barbara.

Complete bids follow:

Otis Elevator Co., Washington, D. C.	$3,254
Beckwith Elevator, Ltd., L. A.	3,375
King Machine & Mfg. Co., L. A.	3,642
Kimball Brothers Co., Council Bluffs, Iowa	4,875
Pacific Coast Elevator Co., L. A.	5,424

BIDS WANTED

CANAL ZONE.—Until March 31, bids will be received by the Chief Quartermaster, Balboa Heights, Canal Zone, for general building construction in the Canal Zone as follows:
One auditorium building at Cristobal.
Quarters for lock guards, Gatun.
Quarters for lock guards, Pedro Miguel
Quarters for lock guards, Miraflores.
One storage shed, Miraflores.
One gas production plant, Balboa.
Two ward buildings, Nos. 18 and 19, Leper Colony, Palo Seco.
One ward building, No. 1, Leper Colony, Palo Seco.

Plans and specifications obtainable from the above office upon deposit of $10.00.

BID OPENING POSTPONED

PEARL HARBOR, T. H.—Until Mar. 18, date postponed from March 4 (previously reported) bids will be received by the Commandant, 14th Naval District, Pearl Harbor, for improvement to elevators at the Fleet Air Base, Pearl Harbor, T. H. Spec. No. 8110. Estimated cost, $5000.

BUILDING MATERIALS APPROVED

WOODLAND, Yolo Co., Cal.—The Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at Woodland. George Petersen, San Leandro, general contractor:

Plumbing fixtures, Crane Co.; electric water coolers and drinking fountains, Halsey W. Taylor; indirect water heater, Bell & Gossett Co.; gas piping, National Tube Co.; pressure-reducing valve on water supply, Mueller Steam Specialty Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Co.; boiler, Kewanee Boiler Corp.; oil burner, Ray Oil Burner Co.; tube and wall radiators, U. S. Radiator Corp.; non-conducting covering for heating, Plant Rubber & Asbestos Co.; angle radiator valves, Marsh Valve Co.; air valves for radiators, Hoffman Specialty Co.; air valves for ends of steam mains, Dole Valve Co.; lighting distribution panel, Myers Safety Switch Co.; main switch Trumbull Elec. Mfg. Co.; rubber-covered wire, National Elec. Prod Co.; receptacles and flush switches, Harvey Hubbell; glassware, Inlaid Glass Works and Gill Glass & Fixture Co.; pendent switch, Pass & Seymour; lighting fixtures, Mutual Metal Mfg. Co.

MATERIALS APPROVED

VAN NUYS, Los Angeles Co. Cal. —Treasury Department approved the following building material and equipment awards foor the construction of the U. S. Post Office at Van Nuys. V. O. Brunnell and Alex Jacobson, Los Angeles, general contractors:

Plumbing fixtures, Crane Co.; electric water coolers and drinking fountains, Halsey W. Taylor Mfg. Co.; indirect water heater, Bell & Gossett Mfg. Co.; gas water heater, Bryant Mfg. Co.; water pipe, Chase Brass & Copper Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; relief valves, Mueller Mfg. Co.; nonconducting covering for plumbing, Johns-Manville Co.; boiler, Kawanee Boiler Corp.; oil burner, Ray Oil Burner Co.; oil heater, Excalso Products Corp.; electric preheater, Wells Mfg. Co.; tube and wall radiators, Crane Co.; nonconducting covering for heating, Johns-Mansville Co.; angle radiator valves, Crane Co.; air valves for radiators and air valves for ends of steam mains, Hoffman Specialty Co.

9— HOSPITALS

CONSTRUCTION TO START SHORTLY

TUCSON, Ariz.—Pima County Supervisors will start work shortly on the erection of a second wing to Pima County Hospital on South Sixth Ave., Tucson, a WPA project. It will have about 7600 square feet of floor space; adobe walls, stucco exterior, plastered interior, concrete floor, tile roof, etc. Estimated cost $31,000. Work is practically finished on the first wing. C. K. Birdsall, architect.

PLANNED

OLIVE VIEW, Los Angeles Co., Cal. —Los Angeles County Supervisors, February 17 voted to include on the ballot of the May 5 primaries a $1,760,000 bond issue, proceeds to be used to finance part of the cost of erecting a proposed new hospital building at Olive View Sanatorium. The bonds would be sold if and when the federal government grants funds for 45% of the total cost of the building, estimate at $3,300,000. An additional $300,000 would be taken from the general fund for furnishings. Preliminary plans for the structure have been prepared by the Los Angeles County Mechanical Department.

PLANS TO BE PREPARED

PASADENA, Calif. — Collis P. and Howard Huntington Memorial Hospital board of trustees will retain an architect within a few weeks to prepare plans for a new 5-story Class A hospital building to be built on the Pasadena Hospital site in Pasadena. Cost, $500,000. Funds were provided in the will of the late Henry E. Huntington. Henry M. Robinson, chairman of the board of directors of the Security-First National Bank of Los Angeles, is chairman of the board of trustees. C. H. Holladay, 1125 Rosalind Road, San Marino, is treasurer.

CONTRACT AWARDED

SAN FRANCISCO—N. Hemminga, 627 38th Ave., at $800 awarded contract by Treasury Department for additional sun porch at Officers' Quarters No. 11, Marine Hospital, 14th Ave. and Lake St., San Francisco.

Sub-Contracts Awarded.
HOSPITAL Cont. Price, $223,080
SANTA ROSA, Sonoma Co., Calif.
Two-story steel hospital bldg. (stucco exterior, probably tile roof, steam heating system, steel sash, etc.; 200-bed capacity).
Owner—County of Sonoma.
Architect—John I. Easterly, Exchange Bldg., Santa Rosa.
Engineer—Ed. A. Peugh (County Engineer), Courthouse, Santa Rosa.
Contractor—P. J. Kalker Co., Sharon Bldg., San Francisco.
Plumbing and Heating—Herman Lawson, 465 Tehama St., San Francisco.
Steel—(frame, sash and screens, and reinforcing steel and metal forms) Soule Steel Co., 1750 Army St., San Francisco.
Sheet Metal — Richmond Sheet Metal Works, 526 16th St., Richmond.
Elevator—Otis Elevator Co., 1 Beach St., San Francisco.
Electrical—Norman Russell, Healdsburg.
Flagpoles — L. Bolander & Sons, 954 Bryant St., San Francisco.

BIDS OPENED

SAN FRANCISCO.—N. Hemminga, 627 38th Ave., at $167.00 submitted low bid to Custodian, Marine Hospital, for new flooring in Building No. 12 at the Hospital, 14th Ave. and Lake St.

Complete bids follow:

N. Hemminga	$167.00
Aristo Painting Co.	175.00
A. Nelson, Inc.	275.00

Bids held under advisement.

Plans Completed.
HOSPITAL Cost, $——
OWYHEE, Nevada.
New hospital building
Owner — United States Government, (Department of Indian Affairs).
Plans by Engineering Dept. of Indian Affairs.

Bids will be asked shortly on sheet metal, roofing, lathing and plastering, weatherstripping, asphalt tile floors, plumbing, heating and electrical work.

Plans and specifications may be obtained from C. E. Brashear, 210 Fratt Bldg., Billings, Montana, upon deposit of $25.

Work will be done under the supervision of the Department of Indian Affairs.

Plans Being Figured—Bids Close Mar. 11, 10 A. M.
HOSPITAL Cost, $187,000
WARM SPRINGS, Oregon
New hospital building.
Owner — United States Government, (Department of Indian Affairs).
Plans by Engineering Dept. of Indian Affairs).
Bids are now being taken on electrial work, plumbing, heating, kitchen equipment and sterilizing equipment.
Bids will be asked shortly on sheet metal, terrazzo work, lathing, plastering and weather stripping.
Plans and specifications may be obtained from C. E. Brashear, 210 Fratt Bldg., Billings, Montana, upon deposit of $25
Construction work is to be done under the supervision of the Department of Indian Affairs.

10— HOTELS

Plans Being Figured—Bids Close Mar. 17th, 3 P. M.
ALTERATIONS, ETC. Cost, $75,000
MERCED, Merced Co., Cal. M Street.
Alterations to El Capitan Hotel (3-story structure) new lobby, painting, decorating, etc., and a new one-story reinforced concrete office bldg.
Owner—Stanley S. Simonson, Merced.
Architect—Kent & Hass, 525 Market St., San Francisco.
Following will submit bids:
Lindgren & Swinerton, 225 Bush St. San Francisco.
Peter Sartorio, 666 Mission St., San Francisco.
Fred DuPuy, 110 Sutter St., San Francisco.
Charles Stockton, Russ Bldg., San Francisco.
F. C. Stolte, 3449 Laguna Avenue, Oakland.
Kelly & Tulloch, 335 8th St., Oakland.
Cross Lumber Co., Merced.
M. B. Folsom, Merced.
C. B. Cameron, Merced.
J. E. Fritz, Merced.
Fisher & McNulty, Cory Building, Fresno.
H. E. Brown, Modesto.
Harold Geyer, Monterey.

CONTRACT AWARDED
SAN FRANCISCO. — Mission Concrete Co., 272 Turk Street, at $5,200 awarded contract by Department of Public Works for concrete and masonry work at the San Francisco War Memorial Court on block bounded by Van Ness Ave., Grove, Franklin and McAllister Streets.

11—ICE AND COLD STOR-PLANTS

Additional Sub-Contracts Awarded.
STORAGE BLDG. Cost, $50,000
STOCKTON, San Joaquin Co., Calif. No. 815 S-Center Street.
Reinforced concrete storage building.
Owner—National Ice & Cold Storage Co., 85 2nd St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Painting—J. F. Ecker, 17 W. Poplar St., Stockton.
Roofing — Gill Roofing Co., 727 N Monroe St., Stockton.
Sheet Metal Work—Miller-Hays Co., 742 E. Weber St., Stockton.
Skylights and Lights—W. P. Fuller & Co., 301 Mission St., S. F.
Lumber—Diamond Match Co., Chico.
Millwork—Union Planing Mill, Inc., 735 S. Sutter St., Stockton.
As previously reported, reinforcing steel awarded to Kyle & Co., Stockton; cork insulation to Mundet Cork Corp., S. F.; plumbing to W. T. Gibson, Stockton; steel stairs, F. Kern & Sons., S. F., and miscellaneous and ornamental iron to Michel & Pfeffer Iron Works, San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Plans Being Prepared
ADDITION Cost, $10,000
STOCKTON, San Joaquin Co., Calif. Channel and San Joaquin Streets.
Reinforced concrete addition to county jail (to accommodate 75).
Owner—County of San Joaquin.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.

BOND ELECTION
HERMOSA BEACH, Los Angeles Co., Cal.—Hermosa Beach city council has called an election for April 14 at which time it is proposed to vote bonds in the sum of $66,000, proceeds to be used together with an e-pected PWA grant for financing the construction of a civic auditorium on the Hermosa Beach municipal pier. Application will be made to the PWA for a grant of 45% of the cost of the project, total cost of which is estimated at $120,000. Architect Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, has prepared sketches for the building.

CONTRACT AWARDED
ROSEVILLE, Placer Co., Calif.—Kendall's, Inc., 48 N. Sutter Street, Stockton, awarded contract by Roseville City Council for furnishing furniture for the new City Hall. Furniture purchased as follows:
Complete business office counter and equipment, $1128.25.
Two bus files, $127.50.
One metal base for holding Kardex files, $8.
Steel shelving vault, $90.
Steed desk with legal size drawer, $60.75.
Two steel deseks with letter size drawers, $121.50.
One flat top table, $39.90.
One calculating machine desk, $42.90.
One typewriter desk, $78.60.
Thirteen business office chairs, $207.92.
Two 34 to 60 inch tables, $59.50.
One 34 by 72 inch table, $33.50.
One hundred steel folding chairs, $240.
Ten wood seat arm chairs, $160.

Sub-Contracts Awarded
LIBRARY Cont. Price, $32,490
VISALIA, Tulare Co., Calif. Tipton-Lindsey Playground.
One-story library building.
Owner—City of Visalia (Kathleen H. Sim, City Clerk).
Architect—C. A. Balch, 1584 West Washington St., Los Angeles.
Contractor—Hodgson and Son, Porterville.
Plumbing and Sheet Metal—Visalia Plumbing Co., Visalia.
Heating—Rudie Kohler, Visalia.
Glass—W. P. Fuller & Co., Fresno.
Lathing & Plastering—Lowell Strong, Visalia.
Steel Sash—Kyle & Co., Fresno.
Wood Sash—Hollenbeck Bush, Fresno.
Hardware—Valley Lbr. Co., Fresno.
Reinforcing & Structural Steel—Kyle & Co., Fresno.

AWARD RECOMMENDED
SAN JOSE, Santa Clara Co., Cal.—San Jose City Council has recommended to PWA that contract be awarded Fred E. Turner Co., 557 Market St., San Francisco, at $10,275 for furnishing and installing stage equipment in the San Jose Auditorium building, located at Market and San Carlos Sts., San Jose.
Binder and Curtis, 35 W. San Carlos St., San Jose, architect.
Complete bids published Feb. 19.

Planned
BUILDING Cost, $35,000
STOCKTON, San Joaquin Co., Calif. Hazelton and B Streets.
New county office bldg. (adobe brick construction).
Owner—County of San Joaquin.
Architect—Not Given.
Application will be filed with PWA to assist financing project.

Project Approved
COURTHOUSE UNIT Cost, $41,560
SAN LUIS OBISPO, Calif. Monterey and Osos Streets.
Second unit of county courthouse.
Owner—County of San Luis Obispo.
Architect—Walker & Eisen, 437 South Hill St., Los Angeles.
Project has been approved by PWA and the same crew of men who constructed the first unit will construct the second.

Sub-Contracts Awarded.
LIBRARY Cost, $20,100
ALAMEDA, Alameda Co., Calif. NW Eighth St. and Santa Clara Ave.
One-story branch library.
Owner—City of Alameda
Architect—Carl Werner, 1303 Bay St., Alameda.
Contractor—Villadsen Bros., 40 Winsor St., Piedmont.
Steel Sash — Soule Steel Co., 1750 Army St., San Francisco.
Plastering—T. D. Sexton, 354 Hobart St., Oakland.
Mill Work — Lannom Bros. Mfg. Co., Fifth and Magnolia Sts., Oakland.
Electric—Spott Electric Co., 569 19th St., Oakland.
Lumber — Sunset Lumber Co., 400 High St., Oakland.
Sheet Metal—Aladdin Heating Corp., 5107 Broadway, Oakland.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Painting—Patterson Bros., 573 Santa Rosa Ave., Berkeley.
Concrete—Transit Concrete Co., 2500 Peralta St., Oakland.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Sts., S. F.
Structural Steel—Bethlehem Steel Co. 20th and Illinois Sts., S. F.
Roofing — General Roofing Co., 3985 Beach St., Oakland.
Cement—Pacific Portland Cement Co., 111 Sutter St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $30,000
PIEDMONT, Alameda Co., Cal. Seaview Avenue.
Two-story and basement, frame and brick veneer residence (12 rooms, 6 baths) shingle tile roof, gas hot air heating system, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect—Fred Reimers, 233 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5500
SACRAMENTO, Sacramento Co., Cal. No. 2744 14th Street.
One-story and basement frame and stucco residence.
Owner—Chas. R. Simons.
Architect—Not Given.
Contractor—M. F. Terra, 2315 Ninth St., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
BURLINGAME, San Mateo Co., Calif. Lot 17 Blk 10, Vernon Way.
One-story and basement frame and stucco residence.
Owner and Builder—J. B. Oswald, 760 El Cerrito St., San Mateo.
Architect—Not Given.

CONTRACT AWARDED
RESIDENCE Cost, $5500
SAN MATEO, San Mateo Co., Calif. Lot 37, Claremont.
One-story and basement frame and stucco residence.
Owner—A. Banchero.
Architect—Not Given.
Contractor—Wallace Waterhouse, 1747 Palm Ave., San Mateo.

Bids In—Held Under Advisement
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County.
Two-story frame and stucco residence (8 rooms and 3 baths) shingle roof hardwood floors, etc.
Owner—Mr. and Mrs. Decker McAllister.
Architect—G. A. Dailey, 210 Post St., San Francisco.
Announcement will be made within a few days.

Contract Awarded
RESIDENCE Cost, $4,500
SAN FRANCISCO. N Lawton Street 95 E 34th Avenue.
Two-story and basement frame residence.
Owner—A. G. Popkin, 1598 34th Ave.
Architect—Hertzka and Knowles, 369 Pine Street.
Contractor—A. C. Anderson, 4475 19th Street.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. NE 24th Avenue and Noriega St.
One - story and basement frame residence.
Owner—Anza Home Building Co., 321 Kearny Street.
Architect—Charles F. Strothoff, 2274 15th Street.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. SW Rae and Whipple.
One - story and basement frame residence.
Owner and Builder—L. Besio, 450 Lisbon Street.
Architect—Not Given.

Excavation and Concrete Contracts Awarded
RESIDENCES Cost, $——
SAN FRANCISCO. Bay and Hyde Sts.
Four one-story frame and rustic residences (3 and 4 rooms); fireproof roofing, gas heating system, hardwood floors, tile baths, etc.)
Owner—Miss Nora Kenyon.
Architect—W. W. Wurster, 260 California Street.
Contractor—G. P. W. Jensen, 320 Market Street.
Excavation and Concrete—L. Sartorio, 2627 Lombard Street.

Contract Awarded
RESIDENCE Cost, $3,800
OAKLAND, Alameda Co., Calif. 3390 Guido Street.
One-story residence (five rooms).
Owner—H. A. Pleetner, 4021 E 14th St., Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. 632 Cragmont.
Two-story frame residence and garage (7 rooms).
Owner—Robert E. Foltz, Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Randolf F. Parks, 1847 Yosemite Road, Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $4600
SACRAMENTO, Sacramento Co., Cal. No. 1620 Fourth Avenue.
Residence.
Owner and Builder—Louis L. Watson 1768 11th Ave., Sacramento.

Contract Awarded.
RESIDENCE Cost, $4000
SACRAMENTO, Sacramento Co., Cal. No. 1852 Castro Way.
Residence.
Owner—Mrs. Mildred Bretta, Premises
Architect—Not Given.
Contractor—J. M. Burrough Rt. 5, Box 1688-A, Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
FRESNO, Fresno Co., Cal. No. 1444 Roosevelt Ave.
Residence and garage.
Owner and Builder—Frank J. Maslowski, S. Winery St., Fresno.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $2500
FRESNO, Fresno Co., Cal. No. 332 Peralta Street.
Owner—R. M. Barnard, 401 San Pablo Ave., Fresno.
Architect—Not Given.
Contractor—Harris Constr. Co., 577 McKinley St., Fresno.

Low Bidder.
RESIDENCE Cost, $7000
HAYWARD, Alameda Co., Calif.
Two-story frame and stucco residence (shingle roof, steel sash, hardwood floors, gas heating system).
Owner—Dr. Scribner.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder — George Lund, 21696 Montgomery Ave., Hayward.

Contract Awarued.
RESIDENCE Cost, $4500
OAKLAND, Alameda Co., Cal. No. 4124 Lyman Road
One-story residence (6 rooms).
Owner — Roy A. Allen, 1942 Hoover Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland.

Plans Being Completed.
RESIDENCE Cost, $6000
CHICO, Butte County, Cal.
One-story and basement residence (7 rooms and 2 baths) frame and rustic exterior, shake roof, gas heat, tile baths, etc.
Owner—L. R. Brown, Chico.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco.
Bids will be taken from a selected list of contractors shortly.

Contract Awarded
BUNGALOW COURT Cost, $10,000
REDWOOD CITY, San Mateo Co. Cal. Wellesley Avenue.
Frame and stucco bungalow court (4 4-room bungalows).
Owner—Gerald W. Johnson, et al.
Architect—Not Given.
Contractor—J. R. Pitsker, 2003 Broadway, Redwood City.

Sub-Contracts Awarded
RESIDENCE Cost, $8,000
SAN MATEO, San Mateo Co., Calif. Lot 4 Blk 7, Seville Way.
Two-story frame and stucco residence
Owner and Builder—Allan McIntyre, 446 Highland Ave., San Mateo.
Iron Grille Work—San Mateo Forge, San Mateo.
Brick Work—Chas. Ohran and Sons, San Mateo.
Lumber—San Mateo Planing Mill.
Wood Sash—Wisnom Lumber Co., San Mateo.
Painting—David Millar, San Mateo.
Concrete — San Mateo Concrete Co., San Mateo.

Contract Awarded
RESIDENCE Cost, $5,000
SAN MATEO, San Mateo Co., Calif. Acacia Tract.
One - story and basement frame and stucco residence.
Owner—George J. Becker.
Architect—Not Given.
Contractor—J. R. Pitsker, 2003 Broadway, Redwood City.

Low Bidder
RESIDENCE Cost, $——
RICHMOND, Contra Costa Co., Calif. Ocean View Drive.
Two-story frame and stucco residence
Owner—Professor M. Dondo.
Architect—W. W. Wurster, 260 California St., San Francisco.
Low Bidder—H. K. Schultz, 811 Mendocino Ave., Berkeley.

Contract Awarded.
RESIDENCES Cost, $4000 each
SOUTH SAN FRANCISCO, San Mateo Co., Cal. Parkway Terrace & Poplar Avenue.
Five one-story frame and stucco residences.
Owner—South San Francisco Land & Improvement Co., South San Francisco.
Architect—Capt. E. L. Norberg, 407 Occidental Ave., Burlingame.
Contractor—Antone Pianca, 609 Pine Terrace, South San Francisco.

Plans Being Figured
RESIDENCE Cost, $——
SAN FRANCISCO. Pacific Ave. and Pierce Street.
Two - story frame, stucco and brick veneer residence.
Owner—Mortimer Fleishhacker.
Architect—W. W. Wurster, 260 California Street.
The date of opening bids will be announced shortly.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 44th Avenue S Kirkham Street.
One - story and basement frame and stucco residence.
Owner & Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 30th Avenue 250 N Moraga.
One - story and basement frame and stucco residence.
Owner & Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. W 18th Avenue S Ulloa Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—Meyer Bros., 735 Portola Drive.
Architect—Not Given.

Plans Being Prepared
RESIDENCE Cost, $6,000
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two - story and basement frame and stucco residence (6 rooms, 1 bath) shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.
Bids will be asked in two or three weeks.

Bid Opening Date Postponed Until March 4, 2 P. M.
RESIDENCE Cost, $5000
SANTA ROSA, Sonoma Co., Cal.
Two-story frame and stucco residence (6 rooms) shingle roof, gas furnace, board and batton first floor, wood frame on second, oak floors, California stucco walls, etc. (early California type).
Owner—A. M. Call.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 1555 Twenty-third Avenue.
Two-story and basement frame and stucco residence (10 rooms).
Owner—Kenneth J. Shipp, 11 Eucalyptus Road, Oakland.
Architect—Not Given.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. E Goettingen, S Silliman Street.
One - story and basement frame and stucco residence.
Owner & Builder—Joe Blum, 212 Silliman Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. E Athens Street S France.
One - story and basement frame and stucco residence.
Owner—Phillip Chiappari, 710 Anderson Street.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford Street.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Calif.
Two-story frame and stucco residence
Owner — Claude H. Church, 1006½ Cragmont Ave., Berkeley.
Architect — B. Reede Hardman, 2068 Allston Ave., Berkeley.
Contractor—Randolph F. Parks, 1847 Yosemite St., Berkeley.

Plans Completed.
RESIDENCE Cost, $8000
SAN FRANCISCO. N Lawton St. 140 W Fifteenth Avenue.
Two-story and basement frame and stucco residence.
Owner—H. E. Routh, 178 De Soto St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $14,000
SAN RAFAEL, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) tile roof, gas or oil heating system, hardwood floors, tile baths, etc
Owner—Talbot Anderson.
Architect—Archie & Noble Newsom, Russ Bldg., San Francisco
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

Contract Awarded.
RESIDENCE Cont. Price, $36,965
HILLSBOROUGH, San Mateo County.
Two-story and basement frame, stucco and brick residence (11 rooms) two servants' rooms, 7 baths) tile roof, gas heating system, steel & wood sash, tile baths, etc.
Owner—Broyton-Wilburn.
Architect—Francis Lloyd, 360 Pine St. San Francisco.
Contractor — Frank S. Marshall, 799 Ashbury St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO W Edgewood Ave. S 1st Angle of Edgewood Ave.
Two-story frame and stucco residence
Owner — Simeon Sheffey, 161 Edgewood Ave., San Francisco.
Architect—Not Given.
Contractor—H. E. Winfrey, 161 Edge-Wood Ave., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $7500
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two-story and basement frame and stucco residence (8 rooms and 2 baths) split shake roof, gas heating system, steel sash, tile baths, hardwood floors, stall showers, 2-car garage) Monterey Type.
Owner—Withheld.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.
Bids will be asked about March 1.

To Be Done By Day's Work.
RESIDENCE Cost, $6250
SAN FRANCISCO. Francisco Heights Beaumont Avenue.
Two-story frame and stucco residence 7 rooms and 2 baths) terra cotta shingle roof, gas heating system, incinerator, steel sash (casement type); plank hardwood flooring, tile baths; two-car garage, etc.
Owner—J. H. Werner.
Architect — Oscar R. Thayer, 110 Sutter St., San Francisco.
Sub-bids are being taken on all portions of the work.

Segregated Bids Being Taken.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One and one-half-story frame and stucco residence (6 rooms); split shingle roof, gas heating system, steel sash, hardwood floors, tile baths, stall showers, separate lavatory.
Owner—Withheld.
Architect—Oscar Thayer, 110 Sutter St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $8500
BURLINGAME HILLS, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (9 rooms and 2 baths) shingle roof, gas heating system, steel sash, hardwood floors, tile baths, common brick exterior up to second floor joists, stucco above, etc.
Owner—Withheld.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.

Sub-Bids Being Taken.
BUNGALOW COURT Cost, $25,000
BURLINGAME, San Mateo Co., Cal. Bellevue Avenue.
Bungalow court (2 four-room, 2 baths units) and 6 three-room, 1 bath, separate toilet and wash basin units) split shingle roofs, individual gas heating systems, steel sash, plank hardwood floors, tile baths, etc.; 8 separate garages.
Owner—Withheld.
Architect—Oscar R. Thayer, 110 Sutter St., San Rrancisco.

Contract Awarded.
RESIDENCE Cost, $11,000
PALO ALTO, Santa Clara Co., Calif. Crescent Park.
Two-story and basement frame and stucco residence.
Owner—James M. Wallace.
Architect—John K. Branner, 210 Post St., San Francisco.
Contractor—B. Tunberg, Box 732, Palo Alto.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 201 Florence Street.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Morgensen Bros., 5064 Broadway, Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Upper Piedmont Estates.
Two-story frame and stucco residence 8 rooms and 3 baths) shake roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Dr. Haig Mitchell.
Architect—Clarence W. Mayhew, 6026 Acacia St., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

Contract Awarded.
RESIDENCE Cost, $6614
ROSS, Marin Co., Cal. Del Mesa.
Two-story frame and stucco residence.
Owner — Ralston Hodgson, Del Mesa Ross.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Contractor — Hannah & Wooldridge, 268 Market St., San Francisco.

Preparing Working Drawings.
RESIDENCE Cost, $15,000
ATHERTON, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (10 rooms and 3 baths); shingle roof, gas hot air heating system, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect — Henry H. Gutterson, 536 Powell St., San Francisco.

Sub-Bids Wanted.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. Dunsmuir St. 200 N Silver Avenue.
Six one-story and basement frame and stucco residences (5 rooms each) tile and composition shingle roofs, wood sash, gas heating system, hardwood floors, tile baths etc.)
Owner and Builder — Heyman Bros., 742 Market St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Sub-Bids Wanted.
RESIDENCE Cost, $11,000
RAYWOOD PARK, San Mateo Co.
Two-story frame and stucco residence (9 rooms and 2 baths).
Owner—E. E. Collins.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor — O. K. Holt, 3957 Army St., San Francisco.
Sub-bids are wanted on all portions of the work.

Contract Awarded.
RESIDENCE Cost, $6000
SAN JOSE, Santa Clara Co., Calif. No. 1445 Calaveras Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—J. A. Berg, 69 North 15th St., San Jose.
Architect—Not Given.
Contractor — Clyde Alexander, 945 Lenzen Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $4500
SAN JOSE, Santa Clara Co., Calif. No. 746 N. Third Street.
One-story and basement frame and stucco residence (5 rooms).
Owner — John Sherrill, 37 W. San Carlos St., San Jose.
Architect—Not Given.
Contractor—Sal Guardino, 690 Mission St., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 2824 82nd Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Contractor—August Roseberg, 1712 48th Ave., Oakland.
Architect—Not Given.

Plans Being Completed.
RESIDENCE Cost, $7500
MODESTO, Stanislaus Co., Calif.
Two-story and basement frame and stucco residence (7 rooms and 2 baths) tile roof, gas heating system, steel or wood sash, hardwood floors, tile baths, etc.
Owner—M. H. Johnston.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Bids will be asked within a few days.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN MATEO, San Mateo Co., Calif. Palamar Drive (Palamar Park).
One - story and basement frame and stucco residence.
Owner and Builder—Charles F. Williams, 14 S. ElDorado Street, San Mateo.
Architect—Not Given.

Preparing Preliminary Plans.
RESIDENCES Cost, $5000 & $6000
SAN FRANCISCO. Francisco Heights
Ten one-story and basement frame and stucco residences (5 and 6 rooms) tile & composition shingle roofs, gas heating systems, wood sash, hardwood floors, tile baths, etc.)
Owner—Withheld.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Plans Completed.
RESIDENCES Cost, $5500 each
SAN FRANCISCO. Thirtieth Ave. and Santiago St.
Four one-story and basement frame and stucco residences (5 rooms each) tile and composition shingle roofs, wood sash, tile baths, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Sub-Contracts Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 1800 Gough Street.
Alterations to residence.
Owner—George Oppen
Architect—Gardiner Dailey, 210 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.
Tile Work—American Art Tile Co., 231 Franklin St
Plumbing—E. Sugarman, 3624 Geary Street.
Other awards will be made shoraly.

Contract Awarded.
REPAIR RESIDENCE Cost, $6000
SAN FRANCISCO. No. 3640 Washington Street.
Repair fire damage to residence.
Owner—Mrs. J. W. Pauson, Premises.
Architect—Not Given.
Contractor—Fred W. Schell, 666 Mission St., San Francisco.

Sub-Contracts Awarded.
DUPLEX RESIDENCE Cost. $6000
SAN JOSE, Santa Clara Co., Cal. Park and Yosemite Streetst.
One-story frame and stucco duplex residence (two 4-room residences) tile roof, wood sash, hardwood floors, tile baths, floor furnaoes.
Owner—Minnie Anderson.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Geo. I. Thorp, 1080 South 7th St., San Jose.
Roofing—Farmers Union.
Plumbing — American Plumbing & Sheet Metal Works.
Electric Wiring—Ted Russell.
Tile Work—Thos. Price Co.
Iron Grille Work—Victor A. Benson.
Brick Work—Frank Filben.
Lathing and Plastering—Joe Provenzano. 18. 1936. 14
Lumber—McElroy Cheim Co.
Concrete—M. A. Pyle.
Flooring—Best Floor Co.
All of San Jose.

Sub-Contracts Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO. E Santa Paula S Yerba Buena.
Two - story and basement frame and stucco residence.
Owner—Dr. Edmond F. Anderson.
Architect—Masten & Hurd, 233 Post.
Contractor—Henry Papenhausen, 595 Victoria Street.
Roofing—Wm. J. Anderson, 3825 Army Street.
Plumbing—Higgins & Kraus, 741 Tehama Street.
Electric Wiring—Galvin Bros., 1578 29th Avenue.
Heating & Sheet Metal—Colan Heating & Sheet Metal W'ks, 1060 Folsom Street.
Tile Work—Richmond Tile Co., 3421 Geary Street.
Glass—Hovious Glass Co., 4861 Mission Street.
Brick Work — Wm. Heidenreich, 129 Shotwell Street.
Lathing and Plastering—H. R. Campbell, 110 Ashton Street.
Lumber—Spring Valley Lbr. Co., 2401 San Jose Avenue.
Mill Work—Warden Bros., 2501 Army Street.
Painting—Reliable Painting Co., 3247 19th Street.
Concrete—P. Donnelly, 302 23rd Ave.
Flooring—Carl Stendell, 41 Cumberland Street.

Sub-Contracts Awarded
RESIDENCE Cost, $8,300
SAN FRANCISCO. W Santa Rita 133 S Mesa Avenue.
Two - story and basement frame and stucco residence.
Owner—John J. Gould, 100 Lake St.
Architect—Resing & McGuinness, 488 Pine Street.
Contraetor—C. Lindberg, 1 Naylor St.
Plumbing—G. Y. Morton, 2424 Ulloa Street.
Electric Wiring—Klinger Electric Co., 1130 Munich Street.
Lumber—Smith Lumber Co., 4th and Berry Streets.
Wood Sash—Acme Mfg. Co., 345 Bayshore Boulevard.
Concrete—Carl Frank Co., 305 Bocana.

Construction To Start Shortly.
RESIDENCE Cost, $6,200
SAN MATEO, San Mateo Co., Calif. Aragon Subdivision.
Two-story frame and drop siding residence (Colonial Cape Cod style; 6 rooms and 2 baths) shingle roof, gas warm air heating system, wood sash, tile baths and lavatory, etc.
Owner and Builder—Bruce T. Sweeny, 700 Costa Rica Ave., San Mateo.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.

RESIDENCE Cost. $10,000
SARATOGA, Santa Clara Co., Calif.
Alterations to residence and gate lodge
Owner—Mr. Emick.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Contracator — Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.

Contract Awarded.
RESIDENCE Cost, $4500
SAN JOSE, Santa Clara Co., Calif. No. 752 N. Fourth Street.
One-story and basement frame and stucco residence (5 rooms).
Owner — Carl Angelo, 24 Brooklyn Ave., San Jose.
Architect—Not Given.
Contractor—Jos. J. Graglia, 152 Terraine St., San Jose.
Contract Awarded.

To Ask Bids March 3.
RESIDENCE Cost, $10,250
HILLSBOROUGH, San Mateo County.
Two-story and basement frame residence (wood exterior, shingle roof gas heating system, wood sash, hardwood floors, tile baths, etc.; 8 rooms, 3 baths).
Owner—Withheld.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $5,500
SACRAMENTO, Sacramento Co., Cal. 3974 Marty Way.
Two-story frame residence.
Owner and Builder—A. B. Ashbury, 1736 41st St., Sacramento.
Architect—Not Given.

Plans Being Prepared
RESIDENCE Cost, $7,500
HILLSBOROUGH, San Mateo County.
Two - story and basement frame and stucco residence (6 rooms, 2 baths) shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.
Bids will be asked in two or three weeks.

Contract Awarded
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 1922 Wrenn Street.
Two - story and basement frame and stucco residence (7 rooms).
Owner—Dr. L. Kameny, 1916 Broadway, Oakland.
Architect—Ray F. Keefer, 585 Mandana Blvd., Oakland.
Contractor—C. H. Thrams, 28 Home Place, Oakland.

Contract Awarded.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. No. 2150 Cowper Street.
Two-story rustic and brick residence.
Owner—Chas. P. Morse, 2243 Waverly St., Palo Alto.
Architect—Leslie Nichols, 532 Emerson St., Palo Alto.
Contractor—Wells P. Goodenough, 49 Well St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. Vendome Park.
One - story and basement frame and stucco residence.
Owner—John J. Schiro, 1034 Luther Ave., San Jose.
Architect—Not Given.
Contractor—Sal Guardino, 690 Mission St., San Jose.

Contract Awarded
RESIDENCE Cost, $——
CERES, Stanislaus County, Calif.
1½-story frame and stucco residence (7 rooms, 1 bath, separate lavatory) shingle roof, oil burning heating system, hardwood floors.
Owner—H. Mimtz, Ceres.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—W. H. Johnson, 411 Fairview Ave., Modesto.

Contract Awarded
RESIDENCE Cost, $12,000
PALO ALTO, Santa Clara Co., Calif. 1730 University Avenue.
Two-story and basement frame, stucco and brick veneer residence.
Owner—Jessie W. Mooney, San Jose.
Architect—Not Given.
Contractor—Whiteside Bros., 71 So. 19th St., San Jose.

Plans Being Figured
RESIDENCE Cost, $——
LOS GATOS, Santa Clara Co., Calif.
Two - story frame, stucco and brick veneer residence (six rooms).
Owner—Fred Oehler, American Trust Co., San Jose.
Architect—Binder & Curtis, 35 W San Carlos St., San Jose.

To Ask Bids Within Few Days
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif.
One - story and basement frame and stucco residence (6 rooms).
Owner—Withheld.
Architect—Binder & Curtis, 35 W San Carlos St., San Jose.

Plans Being Completed.
RESIDENCE Cost, $4500
BERKELEY, Alameda Co., Cal. Shasta Road.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect — George P. Simonds, 192 Main St., Hayward.
Bids will be asked shortly.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. E Twenty-fourth Ave. N Wawona Street.
Three one-story and basement frame and stucco residences.
Owner & Builder—Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Thirtieth Ave. N Judah Street.
Seven one-story and basement frame and stucco residences.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Plans by Owner.

Owner Taking Bids
RESIDENCE Cost, $——
UKIAH, Mendocino Co., Calif.
Two-story frame and stucco residence (6 rooms) Monterey style; shingle roof, wood sash, oil heating system, hardwood floors, etc.
Owner—Henry C. Spurr, Marks Bldg., Ukiah.
Architect — Earl MacDonald, 3812 Broadway, Oakland, and Herman A. Schoening, associated, 3133 Carleton, Oakland.

Plans Being Completed
RESIDENCE Cost, $——
VALLEJO, Solano Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths).
Owner—Mr. Nelson.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Bids will be asked in one week.

Sub-Bids Being Taken
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. Pinelake Park.
Three one-story and basement frame and stucco residence (6 rms. each) tile roofs, gas heating systems, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—D. E. Jaekle, 126 Post St.

Sub-Bids Being Taken
RESIDENCE Cost, $4,500
MILLBRAE HIGHLANDS, San Mateo County, Calif.
One - story and basement frame and stucco residence (5 rooms) tile and composition roofing, wood sash, hardwood floors, tile bath, etc.
Owner—John Johnson, 1215 Castro St.
Architect—D. E. Jaekle, 126 Post St. San Francisco.

Owner Taking Bids.
ALTERATIONS Cost, $——
SAN FRANCISCO. Hyde and Lombard Streets.
Alterations to residence (stairway, porches, etc.)
Owner—Mrs. M. Watson, 1077 Lombard Street.
Architect—D. E. Jaekle, 126 Post St.

15— SCHOOLS

Bids Opened.
SCHOOL Cost, $22,000
TRUCKEE, Nevada Co., Calif.
One-story frame and stucco elementary school (3 classrooms and auditorium).
Owner—Truckee School District.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Low Bidder — H. L. Petersen, 731 Treat Ave., San Francisco.
Complete bids follow:
H. L. Petersen, San Francisco..$32,323
Moore & Roberts, S. F..... 34,940
Wm. Martin, San Francisco..... 37,300
E. T. Leiter & Sons, Oakland.... 37,965

Sub-Contracts Awarded
RECONSTRUCT SCHOOLS
Contract Price, $69,619
SAN LEANDRO, Alameda Co., Calif.
Reconstruct McKinley and Washington Schools (enlarge auditorium, etc.)
Owner—San Leandro School District.
Engineer—H. J. Brunnier, Sharon Building, San Francisco.
Contractor—Carl N. Swenson, 355 Stockton Ave., San Jose.
Roofing—Fred Hayden, 369 Stockton Ave., San Jose.
Lathing & Plastering—E. C. Vipham.
Lumber—Smith Lumber Co., Fourth and Channel Sts., San Francisco.
Painting—Jos. J. Burdon & Son, 257 15th St., Richmond.
Reinforcing Steel—Gunn-Carle & Co., 20 Potrero Ave., San Francisco.
Structural Steel — Independent Iron Works, 821 Pine St., Oakland.

General Contract Awarded.
MACHINE SHOP Cont. Price, $120,987
SAN FRANCISCO. Geary Blvd., Balboa, 30th and 32nd Avenues.
Three-story reinforced concrete machine shop bldg. at Geo. Washington School (steel sash).
Owner—City and County of San Francisco.
Architect—Miller & Pflueger, 580 Market St., San Francisco.
Contractor—Meyer Constr. Co., 727 Portola Drive.
Following sub-contracts awarded.
Metal Doors and Windows—Truscon Steel Co., 604 Mission St., $9516.55
Lamanite Floors — Royal Floor Co., 1930 Van Ness Ave., $3864.
Tile—Art Tile & Mantel Co., 221 Oak St., $5982.
Sheet Metal—Morrison & Co., 74 Duboce Ave., $540.
Composition Tile—Western Asbestos Co., 675 Townsend St., $280.
Excavation—R. A. Farish, 14 Pinehurst Way, $4250.
Skylight—Price Bldg. Specialties Co., 35 Stillman St., $288.
Miscellaneous Iron — Monarch Iron Works, 262 7th St., $4400.
Roofing—Alta Roofing Co., 976 Indiana St., $884.
Marble—Clervi Marble Co., 221 Bayshore Blvd., $297.
Painting—R. Paoli, 3159 Fillmore St., $334.
Concrete, Mixed — Golden Gate Atlas Materials Co., 16th and Harrison Sts., $6.36 per cu. yd.
Lockers—H. M. Schick Products, 135 Tehama St., $1650.
Masonry—Harry E. Drake, 666 Mission St., $1200.
Asphalt—Theo. Cohn, Russ Bldg., 6c per sq. ft.
Glass—W. P. Fuller & Co., 301 Mission St., $2694.
Shades — West Coast Linoleum Co., 1163 Market St., $475.
Complete bids on general work published Feb. 10.

Plans Awaiting Approval.
SCHOOL Cost, $21,000
ALAMO, Contra Costa Co., Calif.
One-story frame grammar school (4 classrooms).
Owner—Alamo School District.
Architect—Fred Reimers, 233 Post St., San Francisco.
Plans are awaiting approval of the State Division of Architecture, Sacramento.
Materials will be purchased by the WPA.

ENGINEERS APPOINTED
SAN FRANCISCO—Leland & Haley, have been appointed to inspect mechanical equipment, plumbing and electrical work on G. Washington shop unit, Sunshine Buena Vista Poly High Girls' gymnasium, Agassiz and Daniel Webster auditorium.

To Be Done By Day's Work.
ADDITION Cost, $21,911
PALO ALTO, Santa Clara Co., Calif. No. 50 Embarcadero Road.
Addition to cafeteria and kitchen at Palo Alto High School.
Owner—Palo Alto High School Dist.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Work being financed with WPA funds.

Plans Completed.
SCHOOL Cost, $16,000
ELKHORN, San Joaquin Co., Calif.
One-story brick veneer school (three classrooms).
Owner—Elkhorn School District(John R. Williams), Co. School Supt.
Architect—Joseph Losekann, 1218 W. Harding Way, Stockton.
Upon approval of plans by the WPA material bids will be asked.

Construction To Start Shortly.
ALTERATIONS Cost, $46,100
BERKELEY, Alameda Co., Calif. Le Roy Ave. and Buena Vista Way.
Alterations to Hillside School.
Owner—Berkeley School District.
Architect—Eldridge T. Spencer, Spreckels Bldg., San Francisco.
Engineer—Thos. F. Chace, Berkeley Board of Education.
Project has been approved by the WPA.

Construction To Start Shortly.
REHABILITATE GYMNASIUM
Cost, $50,421
BERKELEY, Alameda Co., Cal. 1200 University Avenue.
Rehabilitation of boys' gymnasium in Burbank Junior High School.
Owner—Berkeley School District.
Architect—W. C. Ambrose, 244 Kearny Street, San Francisco.
Engineer—Thos. F. Chace, Berkeley Board of Education.
Project has been approved by the WPA.

Contract Awarded
MECHANICAL EQUIPMENT
Contract Price, $7,763
SEBASTOPOL, Sonoma Co., Calif.
Mechanical equipment for grammar school.

Owner—Sebastopol Union Elementary School.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Knittle Bros., 224 Fifth St., San Francisco.
Gas burner and thermostat control will be installed.
Complete bids published Feb. 17.

Low Bidders
ADDITIONS Cost, $——
YAKIMA, Washington.
Additions and alterations to high school (three additions, etc.)
Owner—School District No. 7 (B. F. Kumler, Secretary).
Architect—John Mahoney, Larson. Bldg., Yakima.
Low Bidder—Sound Constr. & Engineering Co., Northern Life Tower, Seattle, $88,375.
Mechanical Work — Charles Morton, Yakima, $32,180.
Electric—Van S. McKenny, 104 Wall St., Seattle, $9340.

Planned.
COLLEGE BLDG. Cost, $30,000
SANTA ROSA, Sonoma Co., Calif. Santa Rosa Junior College Campus.
One-story reinforced concrete and brick veneer domestic science and commercial building (fourth unit)
Owner—Santa Rosa Junior College District (Floyd Bailey, President), Santa Rosa.
Architect—To Be Selected.
Competitive sketches will probably be received from William Herbert, C. A. Caulkins and John Easterly, all of Santa Rosa.

Preparing Working Drawings.
MUSIC BLDG. Cost, $10,000
TURLOCK, Stanislaus Co., Calif.
One-story frame and stucco music building.
Owner — Turlock Union High School District.
Architect—G. N. Hilburn, 1213 I St., Modesto.
A meeting of the board will be held on March 9, at which time a date for opening bids will probably be set.

Plans To Be Prepared.
RECON. SCHOOL Cost, $——
SAN LEANDRO, Alameda Co., Calif.
Reconstruction and addition to Roosevelt School.
Owner—San Leandro School District.
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Further details will be announced shortly.

CONTRACT AWARDED
PARKER, Ariz.—Adams & Cavin, Phoenix, Ariz., awarded contract by Northern Yuma County Union High School Dististrict, at $28,542, for the construction of an auditorium and classroom building in Parker, Ariz. The building will have approximately 7500 square feet of floor area and will contain five classrooms and an auditorium. Exterior walls will be constructed of reinforced concrete. Roy Place, Tucson, Architect.

BIDS WANTED
LOS ANGELES, Cal.—Until March 6, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the main building and auditorium, including arcade section at Van Ness Avenue School, 501 N Van Ness Ave. Harold S. Johnson, 1001 Architects' Bldg., architect, and Ralph E. Marvin, 6362 Hollywood Blvd., structural engineer.

BIDS WANTED
SOUTH PASADENA, Calif. — Until March 6, 8 A. M., bids will be received by South Pasadena High School District for reconstruction, rehabilitation and strengthening the auditorium building at the South Pasadena high school, corner of Diamond and Rollins Sts., South Pasadena, a PWA project. Cost, $62,750. Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, architects.

BIDS WANTED
BALDWIN PARK, Los Angeles Co., Cal.—Until March 16, 7:30 P. M., bids will be received by the Baldwin Park School District for the construction of an auditorium building on the Central school site in Baldwin Park, a PWA project. Plans and specifications may be obtained from the architect, Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, upon deposit of $25 for each set. Cost, $45,000.

BIDS WANTED
LOS ANGELES, Cal.—Until March 9, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for painting and miscellaneous work at the following schools: Graham, 1901 E. Firestone Blvd., east building, estimated cost $3750; Lorena Street, 1015 S. Lorena St., north and west buildings, estimated cost $4250; Second Street, 1942 E. Second St., Building No. 1, estimated cost, $3000.

CONTRACT AWARDED
LOS ANGELES, Cal. —Peter P. Shelby, Room 200, 111 W. Seventh St. awarded contract by Los Angeles Bd. of Education at $51,234 for reconstruction, strengthening and rehabilitation of the main building at Tenth Street School, 1000 Grattan St. Edward Cray Taylor, Architect, and Ellis Wing Taylor, 803 W. Third St., Structural Engineer.

CONTRACT AWARDED
EL SEGUNDO, Los Angeles Co., Cal.—Herbert M. Baruch Corp., 625 S. Olive St., Los Angeles, awarded contract by El Segundo School District at $140,899 (subject to PWA approval) for construction of the elementary school at El Segundo. Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, architect.

LOW BIDDER
LOS ANGELES, Calif. — DeCamp-Hudson Co., 1277 W 24th St., Los Angeles, submitted low bid to the Los Angeles board of education at $50,614 for 2-story reinforced concrete girls' physical education bldg. to be erected at Richard Henry Dana junior high school, 1501 Cabrillo Ave., San Diego. M. L. Barker and G. L. Ott, 346½ S. La Brea Ave., Los Angeles, architects; Laurence J. Waller, 931 Micheltorena St., Los Angeles, structural engineer.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal.—Architect O. M. Lindsey, 6305 Yucca Street, commissioned by Los Angeles board of education to prepare plans for additions and reconstruction of Building "D" (boys and girls gymnasium bldg.) at John Marshall high school, 3939 Tracy Street.

BIDS REJECTED
BARSTOW, San Bernardino Co., Cal.—Barstow Elementary School District rejected as too high all bids received Feb. 15 for the construction of a new auditorium and classroom bldg. in Barstow, a PWA project. Specifications will be revised and the project readvertised within a few days, separate bids to be taken on the electrical work, painting, heating, plumbing and electrical work. Chas. Parke, 25 Fuller Bldg., San Bernardino, architect.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal.—Architect A. E. Harvey, 245½ S. Western Avenue, commissioned by Los Angeles board of education to prepare plans for new building to be erected at Hobart Blvd. school, 980 S. Hobart Blvd. Cost, $52-000.

BIDS WANTED
LOS ANGELES, Cal.—Until March 6, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St. for painting and miscellaneous work at the following schools: Eagle Rock elementary, 2057 Fair Park Avenue, main building less auditorium section, estimated cost, $5000; Bridge Street, 605 N Boyle Ave., east building and 1924 portion of north building, estimated cost, $5000; Glassell Park, 2211 W. Avenue 30, main brick building, estimated cost, $3750.

CONTRACT AWARDED
SAN FRANCISCO—Regal Floor Co., 490 Brannan St., at $21.50 awardeed contract by Department of Public Works for sanding east hallwoy of shop building at the Polytechnic High School.

CONTRACT AWARDED
LOS ANGELES, Cal—J. & B. Const. Co., 5572 Valley Blvd., awarded contract by Los Angeles board of education at $40,716, for reconstruction, rehabilitation and strengthening of the 1925 portion of the main brick building at the Ninth Street school, 820 Towne Avenue. Work will consist of strengthening and reconstructing the existing exterior brick walls, bracing roof and floor members, installing electric wiring, plastering, painting, etc. Plans were prepared by Architect Samuel E. Lunden, 400 Rowan Bldg., and Structural Engineer Paul E. Jeffers, 816 W Fifth St.

BIDS REJECTED
LOS ANGELES, Cal.—All bids were rejected by the Los Angeles board of education February 20 for the construction of the following school buildings: Girls' physical education building at Richard Henry Dana junior high school, bids opened Feb. 14, DeCamp-Hudson Co., low bidder at $50,-614; physical education building at Horace Mann junior high school, bids opened Feb. 10, Harold Hansen low bidder at $75,867; boys' and girls' physical education bldg. at Mt. Vernon junior high school, bids opened Feb. 5, George M. Easton low bidder at $74,800. Plans and specifications for each of the buildings were ordered remanded to the architects for revisions. The work will be re-advertised for bids at a later date.

BIDS BEING TAKEN
POMONA, Los Angeles Co., Calif.—Architects Allison & Allison, 1014 Edison Bldg., Los Angeles, have completed working drawings and specifications and are taking bids from a closed, selected list of contractors for a two- and part three-story womens' dormitory at Pomona College, Third St., Claremont. Buildings will be of reinforced concrete construction and will contain dining and kitchen facilities and will accommodate 75 students; composition-covered reinforced concrete slab roof, steel sash, linoleum composition tile and cement floor surfaces, hardwood and pine trim, tile baths and toilets, steam heating, etc. The estimated cost is $230,000. Separate bids will be taken on the following: General work, plumbing and heating systems, electrical work and

painting. The following contractors have been selected by the college trustees to submit bids:

GENERAL WORK: Stover & Stover 116 N. Alexandria, Claremont; Willard-Brent Co., 254 E 27th St., Los Angeles; Wm. Simpson Const. Co., 816 W. Fifth St., Los Angeles; Pozzo Const. Co., 2403 Riverside Drive, Los Angeles; Weymouth Crowell Co., 2104 E 15th St., Los Angeles.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect W. F. Ruck, 2712 Brighton Ave., commissioned by Los Angeles Board of Education to prepare plans and specifications for a new building to be erected at the school for cripples (Cambria Street School), 1500 Cambria St. Cost, $51,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architects Edward Cray Taylor and Ellis Wing Taylor, 803 W. Third St., commissioned by Los Angeles Board of Education to prepare plans and specifications for a new school building to be erected at Berendo Junior High School, 1145 S. Berendo St. Cost, $230,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architects Henry Carlton Newton and Robert Dennis Murray, 502 Architects' Bldg., have been commissioned by Los Angeles Board of Education to prepare plans and specifications for a new building to be erected at Santa Monica Boulevard School, 5748 Santa Monica Blvd. Cost, $102,000.

CONTRACT AWARDED

LOMPOC, Santa Barbara Co., Cal.—Wigg Construction Co., Box 55, Solvang, awarded contract at $32,750 for construction of an auditorium and classroom addition to the Lompoc grammar school, a PWA project. The building will be a wood frame and stucco structure with tile roofing, gas furnaces, etc. Architect E. Keith Lockard, 117 E. De la Guerra St., Santa Barbara, Architect.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect Edwin Bergstrom, 1136 Citizens' National Bank Bldg., commissioned by Los Angeles Board of Education to prepare plans and specifications for a new Junior High School to be erected in the Verdugo Road District. Cost $400,000.

Bid Opening Date Postponed Temporarily.

GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One - story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect — William Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.

Bids were scheduled to be opened Feb. 24 at 7:30 P. M., but due to necessity of making slight revisions in the plans the date has been postponed. A new date will be set shortly.

BIDS OPENED

SANTA MARIA, Santa Barbara Co., Cal.—F. C. Stolte Co., San Simeon, submitted low bid to Santa Maria Union High School District at $45,700 for construction of a junior college building, consisting of a first unit, in Santa Maria, a PWA project. Mr. Stolte bid $6800 additional for the science wing. Bids for the first unit were: C. M. Urton, $48,459; H. R. Graham, $48,900; R. J. Daum, $53,248. The bids were taken under advisement. The building will be a wood frame and stucco structure with tile or composition roofing, unit heat, etc. E. K. Lockard, 117 E. De la Guerra, Santa Barbara, architect.

BIDS WANTED

ALHAMBRA, Los Angeles Co., Cal.—Until March 16, 8 P. M., bids will be received by Alhambra board of education for the construction of a new classroom and auditorium building on the Ramona school site in Alhambra, a PWA project. Separate bids will be taken on the general, plumbing, electric wiring, heating and ventilating. Certified or cashier's check for 5% must accompany each bid. Plans and specifications may be obtained at the office of the board, Third and Main Sts., Alhambra, upon deposit of $25. Cost, $130,000. John W. Smart, 39 E. Main St., Alhambra, architect, and Murray Erick, 811 W. 7th St., Los Angeles, structural engineer.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architects A. W. Rea and Chas. E. Garstang, 907 Pacific Southwest Bldg., commissioned by Los Angeles board of education to prepare plans and specifications for a new classroom unit to be erected at Evergreen Avenue school, 2841 Dobinson St. Cost, $47,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect Austin Whittlesey, 615 Architects' Bldg., commissioned by Los Angeles Board of Education to prepare plans and specifications for a new school to be erected near W. Third St. and Fairfax Ave. Cost, $77,000.

Commissioned To Prepare Plans.

GYMNASIUM Cost, $——
DURHAM, Butte Co., Calif.
One-story gymnasium.
Owner — Durham Union High School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

BIDS WANTED

LONE PINE, Inyo Co., Calif.—Until March 9, 10 A. M., bids will be received by Lone Pine Union High School District for furnishing building materials for the school district as follows

Lumber; cement; mill work; Celotex; miscellaneous iron; exterior stucco; metal lath; steel sash; grip lath; hardwall plaster.

Forms may be obtained at the office of Orville L. Clark, 369 North Ridgewood Place, Los Angeles and from the School Board office in the high school building at Lone Pine.

Planned

RECREATION CENTER Cost, $60,000
EXETER, Tulare Co., Calif.
Recreational center and athletic bowl for high school (work involves tennis courts, lighting systems, water system, drains, etc.)
Owner—Exeter Union High School District.
Architect—Not Given.

PWA approved a grant of $45,493.

BOND ELECTION

HAYWARD, Alameda Co., Calif.—Russell School District will vote on March 11 on a proposal to issue bonds in the amount of $5,000, proceeds to finance construction of a new school building for the Russell School District, Alameda County.

Members of the school board are as follows: Fred T. Phelps, C. J. Manther and H. C. Nygren.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Calif.—Architects John and Donald B. Parkinson, 808 Title Insurance Bldg., commissioned by Los Angeles board of education to prepare plans and specifications for a school district administration building to be erected near the old Sentous school at 1205 W Pico St. Cost, $425-000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect S. P. Hunt, 701 Laughlin Bldg., commissioned by Los Angeles board of education to prepare plans and specifications for a new junior college to be erected in the Western district. Cost, $400,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Calif.—Architects John C. Austin and Frederic M. Ashley, 6th floor, Chamber of Commerce Bldg., commissioned by Los Angeles board of education to prepare plans and specifications for a new junior high school to be erected in the Lincoln Park district. Cost, $400,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect A. C. Zimmerman, 709 H. W. Hellman Bldg., commissioned by Los Angeles board of education to prepare plans and specifications for a new junior high school to be erected in the downtown district. Cost, $420,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect P. R. Williams, 3839 Wilshire Boulevard, commissioned by Los Angeles board of education to prepare plans and specifications for a physical education building to be erected at Thos. Starr King junior high school, 1400 Myra Ave. Cost, $70,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architects Myron Hunt and H. C. Chambers, 1216 Continental Bldg., commissioned by Los Angeles Board of Education to prepare plans and specifications for a new Junior High School to be erected in the South Los Angeles District. Cost $400,000.

Commissioned To Prepare Plans.

SCHOOL Cost, $——
KERNVILLE, Kern Co., Calif.
One-story reinforced concrete school building (2 classrooms) folding panels, kitchen and stage.
Owner—Kernville Union School Dist.
Architect—Edwin J. Symmes, Haberfelde Bldg., Bakersfield.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Calif.—Architects Allison & Allison, 1014 Edison Bldg., commissioned by Los Angeles board of education to prepare plans and specifications for an administration building to be erected at Los Angeles junior college, 855 N. Vermont Ave. Cost, $470,000.

BIDS WANTED

SAN MATEO, Cal.—Until March 19, 8 P. M., bids will be received by W. H. Eddy, Clerk, San Mateo Union High School District, for furnishing, laying and finishing floor in the gymnasium of the San Mateo High School, Bellevue and Delaware Sts., San Mateo and in the Burlingame High School

main gymnasium, Carolan and Oak Grove Aves., Burlingame.
Specifications may be obtained from the Superintendent, San Mateo High School.

Contract Awarded.
RECON. SCHOOL Cont. Price $54,322
OAKLAND, Alameda Co., Calif. Lincoln Avenue and Scenic Street.
Structural alterations to Sequoia School (12 rooms) brick and tile construction).
Owner—Oakland School District.
Architect—W. G. Corlett, Administration Bldg., Oakland.
Contractor — Fred J. Early Jr., 369 St., San Francisco.
Complete bids published Feb. 19.

BONDS DEFEATED
BURLINGAME, San Mateo Co., Cal. —Burlingame Elementary School District defeated bond issue in amount of $85,000 February 25. Proceeds were to have financed reconstruction of six elementary schools in Burlingame.
Preliminary plans prepared by Architect James H. Mitchell, and Structural Engineer Harold B. Hammill, 381 Bush St., San Francisco.

CONTRACT AWARDED
MARIPOSA, Calif.—Scott Company, 113 Tenth St., Oakland, at $10,075 awarded contract by the Mariposa School District for heating and ventilating system for the Mariposa high school.
Plans prepared by Architect W. H. Weeks, 593 Market St., San Francisco.
Complete bids published Feb. 19.

Bids Wanted—To Close March 13, 8 P. M.
RECONST. SCHOOL Cost, $89,000
ALAMEDA, Alameda Co., Calif. 2130 Central Avenue.
Reconstruction of high school auditorium and gymnasium.
Owner—Alameda City School District.
Structural Engineers—L. H. Nishklan, 525 Market St.; Earl Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.
Architect—Carl Werner, 1303 Bay St., Alameda.
NOTE: The date was previously reported as March 10.
Grant of $40,000 approved by PWA.
Plans and specifications obtainable from Alameda Board of Education upon deposit of $25.00.

BIDS OPENED
SAN FRANCISCO. — Dowd - Seid Electric Co., 2118 Mission Street, at $444 submitted low bid to Department of Public Works for furnishing and installing electrical fixtures in the Patrick Henry School, Vermont, Kansas, 18th and 19th Sts.
Complete bids follow:

Dowd-Seid Electric Co.	$444.00
Globe Electric Works	449.50
Aptos Elec. Const. Co.	467.00
Lynn & Heffernan	417.00
Abbett Electric Co.	494.00
Phoenix Day Company	515.97
Boyd Lighting Fixture Co.	558.10

Bids held under advisement.

Plans Being Completed.
TOILET BUILDING Cost, $4,000
PAJARO, Monterey Co., Calif.
One-story frame toilet bldg. at grammar school.
Owner—Pajaro Grammar School Dist.
Architect—Chas. Butner, 51 Maple St., Salinas.
Bids will be asked in about 1 week.

TO ASK BIDS
SAN MATEO, San Mateo Co., Cal. —San Mateo High School District will ask bids shortly for new hardwood flooring at Burlingame High School main gymnasium and the San Mateo High School gymnasium.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal.—Architect R. M. Bates, Jr., 664 S. Sycamore Ave., commissioned by Los Angeles Board of Education to prepare plans for additions to and reconstruction of the main brick building at Amelia Street School, 611 Jackson St., cost $105,500.

PLANNED
LOS ANGELES, Cal.—Los Angeles Board of Education this week selected property near the Old Sentous Center School at 1205 W. Pico St., as the site for a new administration building to cost approximately $425,000. A. S. Nibecker, Jr., business manager and architect for the board, will prepare sketches.

Excavation Contract Awarded.
PHYSICAL ED. BLDG. $400,000
PULLMAN, Washington.
Four-story health and physical education building (152x180 ft.) (gymnasium, swimming pool, exercise rooms, etc.)
Owner—State of Washington.
Architect—S. A. Smith, State College, Pullman.
Excavation—Morris & Rucker, Pullman, $5150.
Plans and specifications for the main building will be completed by March 15 and bids called immediately thereafter.

16—BANKS, STORES AND OFFICES

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 50 Post Street.
Alterations to offices.
Owner—Leib-Keyston, premises.
Architect—Kent & Hass, 525 Market.
Contractor—George Arthur & Son, 16 W. Santa Inez, San Mateo.

Contract Awarded
OFFICES Cost, $12,000
SAN JOSE, Santa Clara Co., Calif. 1726 Park Avenue.
Two-story frame and stucco building.
Owner—John Mise, 97 N. Market St., San Jose.
Architect—Not Given.
Contractor—Henry Andrade, 891 Harrison St., Santa Clara.

To Be Done By Day's Work.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 168 O'Farrell Street.
Alterations to stores.
Owner — Katherine M. Jason, 167 O'Farrell St., San Francisco.
Architect—Albert Farr, 68 Post St., San Francisco.

PLANNED
LOS ANGELES, Cal. — Charles S. and Joseph Crail, Bartlett Bldg., contemplate erecting a four-story, Class A building on the northwest corner of Wilshire Blvd. and St. Paul Ave. to be occupied by Woodbury College. The structure will cost approximately $200,000. An architect has not yet been selected.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN JOSE, Santa Clara Co., Calif. 80 South Market Street.
Alterations to offices.
Owner—Pacific T. & T. Co., premises.
Plans by Engineering Dept. of Owner, 140 New Montgomery Street, San Francisco.
Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN JOSE, Santa Clara Co., Calif. 28 North Market Street.
Alterations to store front, etc.
Owner—Hammer & Lewis, premises.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.

PLANS COMPLETED—TO ASK BIDS SHORTLY
WEST LOS ANGELES, Cal.—Engineer J. A. Barlow, 10,260 Orton Ave., has completed plans and will take general contract bids from a selected list of contractors in about two weeks for a three-story studio building to be erected at 10,260 Orton Ave., West Los Angeles, for Twentieth Century-Fox Film Co. The building will be 90x 280 feet in area, reinforced concrete construction, composition roofing, fire escapes, plumbing, steel sash, metal-covered doors, rolling doors, elevators toilets, reinforcing steel, etc. Cost, $250,000.

Preparing Working Drawings.
ALTERATIONS Cost, $——
SAN RAFAEL, Marin Co., Calif. B and Fourth Streets.
Alterations and additions to bank building.
Owner—Bank of San Rafael (Wm. P. Murray, President).
Architect—H. H. Winner, Wordsworth Ave., Ross.
Working drawings will be completed in about one month.

Contract Awarded.
ADDITION Cost, $1700
SACRAMENTO, Sacramento Co., Cal No. 2211 G Street.
Additional room.
Owner—O. King, Premises.
Architect—Not Given.
Contractor—W. R. Saunders, 2614 I St., Sacramento.

Contract Awarded.
MARKET Cost, $14,437
SAN FRANCISCO. S Lawton St. 90 W Twenty-fifth Avenue.
One-story frame and stucco market.
Owner—Martin Stelling Jr., 155 Montgomery St., San Francisco.
Architect — Earle B. Bertz, Monadnock Bldg., San Francisco.
Contractor — Frank G. Appelbe, 1067 Walker Ave., Oakland.

Sub-Contracts Awarded.
TELEPHONE BUILDING
Cost, $20,000 including equipment.
ST. HELENA, Napa Co., Calif.
One-story frame and stucco telephone exchange building.
Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Harry Thorsen, St. Helena
Roofing—Royal Roofing Co., Oakland.
Plumbing—S. Bryant, St. Helena.
Electric Wiring — S. B. Taylor, St. Helena.
Heating—S. Bryant, St. Helena.
Sheet Metal—Knipschield Dehydrator Co., St. Helena.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Glass—Jackle Bros., Napa.
Lumber — McKinnon & McNair, St. Helena.
Steel and Wood Sash—Jackle Bros., Napa.
Painting—Carl Hilker, St. Helena.
Reinforcing Steel—W. S. Wetenhall Co., 17th and Wisconsin Sts., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN LEANDRO, Alameda Co., Calif. No. 1145 E-14th Street.
Alterations and additions to bank

building (additional offices, etc.)
Owner—First National Bank.
Architect—Not Given.
Contractor — George Peterson, 1811 Bancroft Ave., San Leandro.

Contract Awarded.
MEDICAL BLDG. Cost,$15,000
EUREKA, Humboldt Co., Cal. Seventh St., bet. F and G Sts.
One-story frame and stucco medical building (18 rooms).
Owner—Dr. O. R. Myers and Dr. Harold B. Holmberg, Eureka.
Architect—Newton Ackerman, Eureka
Contractor—E. S. Mackins, 898 10th St., Eureka.

Contract Awarded
STORE Cost, $18,000
SACRAMENTO, Sacramento Co., Cal. NE 34th and Sacramento Blvd.
One-story grocery store (125x100-ft.)
Owner—Safeway Stores.
Architect—Not Given.
Contractor—E. A. Corum, 2665 Donner Way, Sacramento.

To Be Done By Day's Work.
ALTERATIONS Cost, $——
SAN FRANCISCO. SW Ninth and Market Streets.
Alterations to dance hall.
Owner—A. Richard Perutz, 849 Mission Street, San Francisco.
Architect—Not Given. S

Contract Awarded.
STORE Cont. Price, $7433
MONTE RIO, Sonoma Co., Calif
One-story reinforced concrete store building (50x80 feet).
Owner—S. A. Bartlett.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—Jacob Lucas, Fulton St., Santa Rosa.
Complete bids published Jan. 23.

Bids Wanted — To Close March 24. 2 P. M.
OFFICE BLDG. Cost, $600,000
SACRAMENTO, Sacramento Co., Cal. South N Street, bet. 11th and 12th
Four-story reinforced concrete office building (steam heating system, air conditioning system, etc.) Public Works Building.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Bids are being taken as follows:
(1) General Work.
(2) Electrical.
(3) Plumbing.
(4) Heating and Air Conditioning Systems.
(5) Elevators.
Plans and specifications may be obtained from aboove office upon deposit of $25.

Sub-Contracts Awarded
ALTERATIONS Cost, $26,000
SAN FRANCISCO, 775 Mission Street.
Alterations to 3-story building (work involves new concrete front, new elevator, new roof, new flooring, plaster ceilings, partitions, etc.)
Owner—National Cash Register Co.
Architect—Albert F. Roller, Crocker First National Bank Building.
Contractor—D. L. Bienfield, 666 Mission Street.
Reinforcing Steel—W. J. Hauck & Co. 280 San Bruno Avenue.
Structural Steel—Western Iron W'ks. 141 Beale Street.
Glass—W. P. Fuller & Co., 301 Mission Street.
Plumbing—E. Sugarman, 3624 Geary.
Terra Cotta—Gladding, McBean & Co. 660 Market Street.
Sheet Metal—Robt. J. Neilan, 39 Isis Street.
Heating and Ventilation—Atlas Heating & Ventilating Co., 557 Fourth.
Electric—Frank Goodman, 666 Mission Street.
Plastering — Marconi Plastering Co., 1737 Beach St.
Stairs—E. D. Philbrick, 41 Sheridan.
Elevator—Otis Elevator Co., 1 Beach.
Mill Work—National Mill & Lumber Co., Call Bldg.
Lathing—B. S. Chasten, 1471 18th Ave.
Metal Sash—Soule Steel Co., 1750 Army Street.
Brick Work—Emil Hogberg, 666 Mission Street.
Wrecking—California Wrecking Co.
Concrete — Golden Gate Atlas Materials Co., 2625 16th St. •

Plans Being Prepared.
STORE Cost, $20,000
CARMEL, Monterey Co., Calif. Dolores Street.
One-story frame and stucco grocery store (42x70 feet) Spanish style.
Owner—Grant Wills.
Architect—Guy Koepp, Box 644, Carmel.

Sub-Contracts Awarded.
STORE Cost, $——
SACRAMENTO, Sacramento Co., Cal. Ninth and K Streets.
Three-story, basement and mezzanine floor store building (structural steel frame, brick exterior walls, wood floors, wood roof, etc.)
Owner—Withheld.
Lessee—Montgomery Ward Company.
Plans by E. R. Rowe, Architect, Chicago.
Associate Architect—Benjamin J. McDougall, 353 Sacramento Street, San Francisco, and 2924 Claremont Ave., Berkeley.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.
Heating, Ventilating and Cooling System—Rapp Heater Co., Inc., 522 20th St., Sacramento, $47,500.
Other awards reported Nov. 14.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO, 1049 Market St.
Remodel first floor of store building (new plaster and canvas walls, painting re-decorating, new elevator doors, new millwork, new fixtures, new entrance doors, etc.)
Owner—Sterling Furniture Co., 1049 Market Street.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.
Contractor—Mullen Manufacturing Co. 64 Rausch Street. •

17— THEATRES

Plans Being Prepared
ALTERATIONS Cost, $40,000
STOCKTON, San Joaquin Co., Calif. 323 E Main Street.
Alterations and additions to theatre building (new exterior, interior decorating, etc.)
Owner—State Theatre.
Architect—S. Chas. Lee, 1648 Wilshire Blvd., Los Angeles, and 25 Taylor St., San Francisco.

Plans Being Prepared
ALTERATIONS Cost, $50,000
OAKLAND, Alameda Co., Calif. 3870 Telegraph Avenue.
Alterations to Senator Theatre.
Owner—Senator Theatre, Oakland.
Architect—S. Chas. Lee, 1648 Wilshire Blvd., Los Angeles, and 25 Taylor St., San Francisco.

Plans Being Prepared
ALTERATIONS Cost, $50,000
OAKLAND, Alameda Co., Calif. 3200 Grand Avenue.
Alterations and additions to Grand Lake Theatre.
Owner—Grand Lake Theatre, Oakland
Architect—S. Chas. Lee, 1648 Wilshire Blvd., Los Angeles, and 25 Taylor St., San Francisco.

Plans Being Figured — Bids Close March 5.
ALTERATIONS Cost, $——
NAPA, Napa Co., Calif. Main Street, bet. First and Pearl Streets.
Alterations to old opera house for theatre.
Owner—Peters & Borg.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Preparing Preliminary Plans.
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. No. 912 K Street.
Alterations to theatre (new ground floor, decorating, painting, etc.)
Owner—West Coast Theatres Co.
Architect—Not Given.
Structural Engineer—L. H. Nishkian. 525 Market St., San Francisco.

18— WHARVES & DOCKS

BIDS OPENED
LOS ANGELES, Cal.—Wm. P. Neil Co., Ltd., 4671 E. 49th St., Vernon, at $41,000 submitted low bid to the Los Angeles Harbor Dept., Feb. 19, for constructing a timber apron wharf at Berth 155, Wilmington district, under Spec. No. 949; PWA Docket No. 1209, Unit 1. The work involves the construction of a creosoted timber wharf approximately 462 ft in length by 23½ ft. in width.
Bids were taken as follows:
(1) Contract complete;
(2) Furnishing and driving additional piling, per ft.
The bids were:

	(1)	(2)
Wm. P. Neil Co.	$41,000	$1.20
E. G. Perham	41,300	1.00
Pan-Pacific Const. Co.	52,471	1.25
Healy-Tibbitts	56,794	1.07
Merritt-Chapman, Scott	62,552	.85

The bids were referred to the General Manager and the Harbor Engineer for report and recommendation.

BIDS OPENED
LOS ANGELES, Calif. — Merritt - Chapman & Scott Corp., 720 Wilmington-San Pedro Road, San Pedro, at $153,584 submitted low bid to the Los Angeles Harbor Dept., Feb. 19, for constructing a cargo (fruit) terminal at Berth 147, Los Angeles Harbor, under Spec. No. 954; PWA Project No. 1206. The work involves constructing a creosoted timber wharf approximately 630 ft. in length by 33 ft. in width and covered conveyor platforms served by rail trackage.
Bids were taken as follows:
(1) complete timber wharf and conveyor platform;
(2) furnishing and driving extra piling, per ft.
The bids were:
Merritt - Chapman & Scott Corp., (1) $153,584; (2) $.85.
Wm. P. Neil Co., Ltd., (1) $171,000; (2) $1.20.
Macco Const. Co., (1) $174,000; (2) $2.00.
Pan-Pacific Piling & Const. Co., (1) 117; (2) $1.15. •
$190,559; (2) $1.25.
Healy-Tibbitts Const. Co., (1) $194,-

LOW BIDDER
LOS ANGELES HARBOR, Calif.—Wm. P. Neil Co., 4671 E. 49th St., Los Angeles, submitted low bid to Los Angeles harbor department at $347,000 for concrete wharf and steel frame transit shed at Berth 155, Wilmington District, under Specification No. 950; PWA Docket No. 1209; Unit 2.

LOW BIDDER
LOS ANGELES HARBOR, Cal.—Kress House Moving Co., 807 California St., Los Angeles, submitted low bid to Los Angeles Harbor Depart-

ment at $40,345 for dismantling and relocating municipal transit shed facility at Berth 155, Los Angeles Harboro, under Specification No. 948; PWA Docket No. 1210.

BIDS OPENED

BENICIA, Solano Co., Cal.—Duncanson Harrelson, deYoung Bldg., San Francsco, at $1994 submitted low bid to Commanding Officer, Benicia Arsenal, for repairs to wharf at the Benicia Arsenal. Work involves replacing ten fender piles and one mooring pile by new creosoted piles, etc. Complete bids follow:

Duncanson Harrelson, San Francisco, $1994.

Healy Tibbitts Construction Co., San Francisco, $2226.

C. A. Lauritzen, Antioch, $2300.

Bundesen & Lauritzen, Pittsbung, $2459.

M. B. McGowan, San Francisco, $3369.

Bids held under advisement.

19—MISC. CONSTRUCTION

Contract Awarded

SWIMMING POOL & CLUB HOUSE Contract Price, $136,100

SACRAMENTO, Sacramento Co., Cal McKinley Park.

Reinforced conc. swimming pool (65x 165 feet) and club house.

Owner — City of Sacramento (H. G. Denton, City Clerk).

Architect — Harry Devine, Cronan Building, and Starks & Flanders, Bank of America Bldg., Sacramento.

Contractor—H. W. Robertson, 3004 F St., Sacramento.

Complete bids published Feb. 14.

Bids Rejected.

GRANDSTAND Cost, $110,000

PULLMAN, Washington. State College Campus.

Grandstand (105x390 ft.) structural steel roof, frame exterior, built-up roofing, fir flooring, etc.; seating capacity of 2800).

Owner—State of Washington.

Architect—Stanley A. Smith, Pullman

Low bid was submitted by Howard S. Wright, 2210 Second St., Seattle, at $140,000.

AUCTION

SAN FAANCISCO — Director of Property Joseph J. Phillips, City Hall, will sell at public auction, March 3, 10:00 A. M., eight portable buildings at the Lawton School, 39th Ave. near Lawton St.; and at 10:45 A. M. will sell the buildings at 921-923 Wisconson St. and 816 Arkansas St.

Informaton obtainable from the above office.

Contract Awarded.

BALLAST PLANT Cost, $75,000

SAMB PASS, Nevada.

Gravel ballast plant (excavator equipment, conveyors, etc.)

Owner — Western Pacific R. R. Co., Mills Bldg., San Francisco.

Architect—Not Given.

Contractor — Utah Sand & Gravel Products Corp., Salt Lake City.

BIDS WANTED

ALCATRAZ, Cal.—Until March 10, 2 P. M., bids will be received by the Warden, U. S. Penitentiary, Alcatraz, for furnishing and installing short wave radio equipment for Alcatraz. Work includes 125-watt radio telephone transmitter; rotary converter and associated equipment; radio frequency transmission line; 10-watt mobile transformer; high frequency fixed tune mobile receiver; high frequency station receiver to operate on 110-v.a.c. at Berkeley; and antenna proper, antenna coupling network with lightning arrestor.

Plans and specifications may be obtained from above office.

BIDS OPENED

LOS ANGELES, Cal.—Lovrich and Konjevod, 5303 N Hartwick, Los Angeles, at $72,148.80 submitted low bid to D. P. Nicklin, Purchasing Agent, Los Angeles, Water and Power Bureau, for the construction of works to provide sanitary protection for Hollywood Reservoir, under Spec. No. X-11.

Complete total bids follow:

Lovrich & Konjevod, Los Angeles, $72,148.80.

J. R. Lippincott, Los Angeles, $73,-613.69.

L. F. Dow Co., Whittier, $76,804.70.

Geo. J. Bock Co., Los Angeles, $76,-947.00.

Myers Bros., Los Angeles, $77,565.27

Case Const. Co., Alhambra, $78,-696.70.

Gogo & Rados, Los Angeles, $78,-820.60.

Lynch-Cannon Engr. Co., Los Angeles, $79,726.00.

Contracting Engineers Inc., Los Angeles, $79,957.71.

Oswald Bros., Los Angeles $80,421.25

Atlas Const. Co., Los Angeles, $84,-620.50.

Marko Matick, Los Angeles, $85,-311.30.

P. J. Akmadzich, Los Angeles, $87,-392.25.

L. E. Dixon Co., Los Angeles, $88,-476.60.

United Concrete Pipe Co., Los Angeles, $94,784.94.

Mike Radich and C. T. Brown, Los Angeles, $101,427.60.

20—MISC. SUPPLIES AND MATERIALS

BIDS REJECTED

SANTA CRUZ, Santa Cruz Co., Cal. The City Council rejected the only bid received, that of Sunnyside Lumber Co., Santa Cruz, at $2140.81, for furnishing piles and lumber to be used in the widening of the municipal wharf.

The materials will be purchased in the open market.

BID OPENING POSTPONED

PASADENA, Los Angeles Co., Cal. —Until March 18, 11 A. M., (time changed from March 5, previously reported), bids will be received by Bessie Chamberlain, Pasadena City Clerk, for furnishing and delivering transformers to be used in connection with the transmission to Pasadena of power from Boulder Dam power plant; estimated cost, $30,000. The items are:

(1) 2 rated 9000 kva., self-cooled, 1 12,000 kva, auxiliary air blast, 3-phase, 60-cycle, oil-insulated, self-cooled, inert gas type, surge proof transformers of outdoor type; normal voltage 33,500 volts high side and 16,500 volts low side;

(1a) (alternate to Item No. 1)—bidder may submit a bid on manual remote control tap changing equipment with load ratio or selective switches within main transformer plant;

(2) (alternative to items Nos. 1 and 1a)—same as item No. 1, except external manually-operated; no load tap changing equipment.

Specifications may be obtained at Room 302, City Hall. C. W. Koiner, City Manager. Cash, certified of deposit, certified check or draft, or cashier's check or draft, for 5%, must accompany each bid.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Boulder City, February 20, under Spec. No. 763-D, for furnishing miscellaneous metal work and transite for Boulder Power Plant, Boulder Canyon Project:

Lakeside Bridge & Steel Co., Milwaukee, Wis., $8277 f.o.b. Boulder City; delivery in 60 days; discount ½%.

E. M. Weymer Co., Chicago, $8300 f.o.b. Chicago; net.

Consolidated Steel Corp., Los Angeles, $9533 f.o.b. Los Angeles; delivery in 55 days; net.

John W. Beam, Denver, Colo., $10,-400 f.o.b. Peotone, Ill.; delivery in 45 days; ½% discount.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Feb. 18, under Spec. No. 765-D, for furnishing thirty 500-watt, and eighteen 300-watt, inverted-pendant-type outdoor lighting fixtures; twenty 200-watt pendant-type outdoor lighting fixtures, and two heavy - duty steel lighting standards with pendant brackets, for installation in the Boulder switchyard and power plant, Boulder Canyon Proj.:

Hendrie & Bolthoff Mfg. & Supply Co., Denver: $1,660.96; Alt. 1, $2,212.-72; Alt. 2, $2,155.12.

Graybar Electric Co., Inc., Denver: $1,660.96; Alt. 1, $2,212.72; Alt. 2, $2,-155.12.

General Elec. Supply Corp., Denver: $1,660.96; Alt. 1, $2,212.72; Alt. 2, $2,-155.12.

General Electric Company, Denver: $1,660.96; Alt. 1, $2,212.72; Alt. 2, $2,-155.12.

Philadelphia Elec. & Mfg. Co., Philadelphia: $1,665.25; discount 2%.

Taper Tube Pole Co., San Francisco: $1,740.30; fob shipping points.

Westinghouse Electric Supply Co., Salt Lake City: $1,660.96; Alt. 1, $2,-041.90.

Line Material Co., South Milwaukee, $1,938.44.

Westinghouse Electric Supply Co., Denver: $1,942.60.

Mine & Smelter Supply Co., Denver: $1,748.68; Alt. 1, $2,026.66.

All bids net fob Boulder City unless otherwise noted.

Bids held under advisement.

CONTRACTS AWARDED

OAKLAND, Cal.—Contracts for furnishing 7,750 service stops and 5,450 corporation stops under Proposal No. 717, have been awarded as follows:

American Brass & Copper Co.: Item 1, 250 1-in. service stops, $105; (2) 250 1-in. corporation stops, $167.50; (5) 5,000 ¾-in. corporation stops, $2,345; (6) 7,500 ¾-in. service stops, $2,287.50.

James Jones Co.: (3) 100 2-in. corporation stops, $475.

Mueller Co.: (4) 100 1½-in. corporation stops, $280.

Complete bids published Feb. 17.

BIDS OPENED

OAKLAND, Cal.—Identical bids at $1.80 per ton plus sales tax, in carload lots, were received by the East Bay Municipal Utility District, John H. Kimball, Secretary, under Proposal No. 721, for furnishing 2,200 tons fine aggregate. The bids were submitted by the Rodeo Lumber Co., Crockett Lumber Co. and the Sugar City Drayage and Bldg. Material Co.

Bids held under advisement.

BIDS OPENED

OAKLAND, Calif. — Henry Cowell Lime & Cement Co., 81 Franklin St., Oakland, at $2.59 per barrel, total $6,-216 submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, under Proposal No. 720, for furnishing 2,400 barrels of Portland cement.

Complete bids follow:

Henry Cowell Lime & Cement Co.: $2.59 per bbl., total $6,216.

Sugar City Drayage & Bldg. Material Co.: $2.69 per bbl., total $6,456.

Crockett Lumber Co.: $2.69 per bbl., total $6,456.

Identical bids at $2.79 per barrel, total, $6,696, submitted by: C. S. Hughes, Co.; Melrose Bldg. Material Co.; Rodeo Lumber Co.; Rhodes and Jamieson, Ltd.; Alta Bldg. Material Co., and Rhodes & Kennedy, Inc.

Bids held under advisement.

BIDS OPENED

LOS ANGELES, Calif.—McCormick Supply Co., 714 W Olympic Blvd., was awarded contract by S. A. Joseph, Metropolitan Water District purchasing agent at $2,685.20 for furnishing 200,000 ft. tunnel timber, fob bidder's mill. Bid No. 53630. The other bids were:

Daugherty Lumber Co., $2709.70.

MacDonald & Bergstrom Inc., $3087.

W. E. Cooper Lbr. Co., $3283.

CONTRACT AWARDED

LONG BEACH, Cal.—Electric Railway Equipment Co. awarded contract by the Long Beach city council at $15,-504, for furnishing and delivering on American Ave. between Anaheim St. and Willow St., 136 steel poles (including wiring outlets and pole tops (tubular poles); Spec. R-874.

CONTRACT AWARDED

ELKO, Nevada — Pacific Portland Cement Co., San Francisco, awarded contract by the U. S. Indian Irrigation District, Los Angeles, Feb. 19, at $3.109226 per bbl f.o.b Elko for furnishing 5100 barrels Portland cement in paper sacks. The bids were opened February 12 as follows:

Portland Cement Co. of Utah, shipping point, Salt Lake City; f.o.b. Salt Lake City, $2.16; f.o.b. Elko, $3.24.

Union Portland Cement Co., Ogden, shipping point, Devil's Slide; f.o.b. Devil's Slide, $2.98; f.o.b. Elko, $3.24.

Monolith Portland Cement Co., Los Angeles, shipping point, Monolith; f. o.b. Elko, $3.24.

Four identical bids at $3.109226, f.o. b. Elko were submitted by: Pacific Portland Cement Co. (shipping point, Redwood City), Henry Cowell Lime & Cement Co. (shipping point Cowell), Yosemite Portland Cement Co. (shipping point, Merced) and Calaveras Portland Cement Co (shipping point, Kentucky House). all of San Francisco.

Santa Cruz Portland Cement Co. of San Francisco, shipping point, Davenport; f.o.b. Elko, $3,139148.

All discount 10c per bbl.

Cement will be used on Duck Valley Project, Western Shoshone Indian Reservation, for construction of Wild Horse Dam; Bid No. 0212.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 400 treated poles, 20 ft.., class 6, f.o.b. cars bidder's mill, under Bid No. 1274-B, were opened by the U. S. Forest Service Feb. 13. The bids were:

J. H. Baxter & Co., $3.35; total. $1340: Douglas fir; 104,000 lbs. F.o.b. cars Seattle, Wash; 10 days.

Chas. R. McCormick, $3.50; total. $1400; Douglas fir; 104,000 lbs. F.o.b. cars St. Helens, Ore.; 40 days.

Joslyn Co., $2,36; total, $944; southern yellow pine, 124,000 lbs. F.ob. Montgomery or Campti, La., with stopover at Winfield.

Texas Creosoting Co., $2.31; total. $924; southern yellow pine; 124,000 lbs. F.o.b. cars Orange, Texas; 7 days.

Westinghouse Electric Supply Co., $2.79; total, $1116; southern yellow pine. F.o.b. cars Dennison.

American Lumber & Treating Co., $4.60; total, $1840; Douglas fir; 140,-000 lbs. F.o.b. cars Pasadena; 45 days.

Graybar Electric Co., $2,79; total. $1116; southern yellow pine; 124,000 lbs. F.o.b. cars Emerson, Ark.; 45 days, $1212 f.o.b. Texarkana (treating plant).

General Electric Supply Co., $2.55; total, $1020; southern yellow pine; 124,000 lbs. F.o.b. cars De Ridder, La; 10 days.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 5100 bbls. Portland cement in paper sacks were opened by the U. S. Indian Irrigation District, February 12. The bids were:

Portland Cement Co. of Utah, shipping point, Salt Lake City; f.o.b. Salt Lake City, $2.16; f.o.b. Elko, $3.24.

Union Portland Cement Co., Ogden, shipping point, Devil's Slide; f.o.b. Devil's Slide, $2.97; f.o.b. Elko, $3.24.

Monolith Portland Cement Co., Los Angeles, shipping point, Monolith; f. o.b. Elko, $3.24.

Four identical bids at $3,109226, f.o.b. Elko were submitted by: Pacific Portland Cement Co. (shipping point Redwood City), Henry Cowell Lime & Cement Co. (shipping point, Cowell), Yosemite Portland Cement Co. (shipping point, Merced) and Calaveras Portland Cement Co. (shipping point, Kentucky House), all of San Francisco.

Santa Cruz Portland Cement Co. of San Francisco, shipping point, Davenport; f.o.b. Elko, $3.139148.

All discount 10c per bbl.

Cement will be used on Duck Valley Project, Western Shoshone Indian Reservation, for construction of Wild Horse Dam; Bid No. 0212.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing pipe coating materials, Spec. No. 145, were opened by the Metropolitan Water District, Feb. 14. Bids were taken as follows:

SCHEDULE I

Furnishing coal-tar pipe coating materials f.o.b. cars at bidder's plant.

(1) 9000 gallons coal-tar primer in drums;

(2) 400 gals. coal-tar primer in cans;

(3) 1200 tons coal-tar enamel in drums

SCHEDULE II—(Alternative to Sch. 1)

Furnishing coal-tar pipe coating materials F.A.S. Vessel.

(1) 9000 gals. coat-tar primer in drums

(2) 400 gals. coat-tar primer thinner in cans;

(3) 1200 tons coal-tar enamel in drums

SCHEDULE III

Services of an engineer, per diem.

The bids were:

The Barrett Co., New York City—Sch. I—(1) 39c, (2) 28c, (3) $39.10; use tax $1516.26. Total $52,058.26; 2% 30 days. F.o.b. cars plant Chicago, Ill., or Edgewater, N. J. Credit for return of drmus $1.50 f.o.b. Chicago. Sch. II, (1) 27c, (2) 28c, (3) $39.10; use tax $1483.86. Total $50,945.86; 2%, 30 days. F.A.S. vessel, New York Harbor. Drums, $1.50. Sch. III, $10.00.

Reilly Tar & Chemical Co., Los Angeles—Sch. I (1) 35c, (2) 30c, (3) $39.20; use tax $1509.30. Total $51,-819.30. No discount. F.o.b. plant Newark, N. J., or Indianapolis, Ind. Sch. II, (1) 35c, (2) 30c, (3) $39.20; use tax $1509.30. Total, $51,819.30. No discount. No allowance on drums Sch. III, $50,00.

Walles-Dove-Hermiston Corp.—Sch. I—(1) $1, (2) 70c, (3) $42.50; use tax $1808.40. Total $62,088.40. Sch. II, (1) $1.01, (2) 71c, (3) $44.50. Use tax $1883.22. Total, $64,657. No discount. F.o.b. cars Garwood, N. J. and (Sch. II) Jersey City, N. Y. and Port of New York. Sch. III. $15.00.

General Paint Corp.—Sch. I—(1) 52c (2) 33c, (3) $69.25. Sales tax $2639.76. Totals $90,631.76, 2% 30 days. Sch. II, (1) 52c, (2) 53c, (3) $69.25. Sales tax $2639.76. Total $90,631.76; 2% 30 days. Sch. I, f.o.b. San Francisco; Sch. II F. A. S. vessel at San Francisco. Credit for drums 50c, Sch. III, $10.00.

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ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Dispasal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

SUG-CONTRACTS AWARDED

ALAMEDA COUNTY, Cal.—A. Soda & Son, 5231 Grove St., Oakland, general contractors, have awarded the following sub-contracts in connection with construction of an undergrade crossing under the tracks of the Sacramento Northern Railway at Mountain Blvd., in Oakland, consisting of two concrete abutments and steel superstructure and approxmately 416 lin. ft. of roadway grading and paving with asphalt concrete pavement.

Reinforcing Steel—Gunn, Carle Co., 20 Potrero Ave., San Francisco.

Erecting Reinforcing Steel—J. Philip Murphy, 222 Park View Avenue, Oakland.

Corrugated Metal Culvert Pipe—California Corrugated Culvert Co., 5th and Parker Sts., Berkeley.

Structural Steel—Bethlehem Steel Co. P. O. Box 444, Alameda.

Steel Castings — Enterprise Foundry Co., 2902 19th St., San Francisco.

SUB-CONTRACTS AWARDED

MONTEREY COUNTY, Cal.—F. O. Bohnett, Box 54, Campbell, general contractor, has awarded the following sub-contracts in connection with the construction of an undergrade crossing under the tracks of the S. P. Co. at Salinas:

Structural Steel—Steel Const. Co., 240 Montgomery St., San Francisco.

Reinforcing Steel — Bethlehem Steel Corp., 20th and Illinois Sts., San Francisco.

Asphalt Paving — A. J. Raisch Co., Burrell Bldg., San Jose.

Crusher Run and Plant Mix—Granite Const. Co., Ltd., Bin No. 9, Watsonville.

Membrane Waterproofing—Valley Roof Service, Salinas.

Sewers & Outlet Pipes—O. G. Ritchie, 154 N 11th St., San Jose.

Lighting Equipment — Roy Butcher, 1020 Sherwood Ave., San Jose.

Pumping Equipment—Western Pump Co., P. O. Box 47, San Jose.

Expansion Joints and Copper Strips—Williams-Wallace Co., 160 Hooper St., San Francisco.

Cement—Calaveras Cement Co., 315 Montgomery St., San Francisco.

Aggregates—Central Supply Co., Salinas. •

BIDS WANTED

COCHISE COUNTY, Arizona—Until March 10, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for work on the Benson - Douglas Highway (Douglas underpass) WPGM 79-H, AVE 8069.

The work, which is located in Douglas, consists of the construction of a concrete and steel structure under the S.P.R.R. tracks, including many items of incidental work, and is to be completed on or before Dec. 31, 1936.

The principal items and approximate quantities are:

20,300 c.y. structural excavation;
26,400 c.y. mi. haul;
3,400 c.y. select material (CIP);
1,171 c.y. Class A concrete;
844 c.y. Class D concrete;
286,250 lbs. reinf. steel;
17,000 lbs. structural steel;
2,620 s.y. concrete pavement;
2,300 l.f. combined curb and gutter;
207 l.f. 36-in. part circle culvert;
350 tons plant mix;
20 tons cutback asphalt;
2 tons emulsified asphalt;
150 M. gals. sprinkling;
150 hours rolling;
2,100 l.f. 4-in. vit. clay pipe;
385 l.f. cast iron pipe (4 sizes);
56 l.f. 18-in. plain concrete pipe;
1 lump sum membrane and asphaltic plank waterproofing;
1 lump sum electric lighting system;
1 lump sum remove and reconstruct RR crossings.

Funds in the amount of $125,000 have been programmed for the construction of this project. T. S. O'Connell, State Highway Engineer.

TO ASK BIDS

SANTA CRUZ COUNTY, Cal.—Bids will be asked shortly by the Santa Cruz County Board of Supervisors for the construction of a new bridge over Corralitos Creek in Eureka Canyon to replace the one recently destroyed by floods. Estimated cost, $15,000.

Preliminary surveys are being prepared by the County Engineer's Office.

SUB-CONTRACTS AWARDED

CONTRA COSTA COUNTY, Cal.—A. T. Howe, 111 Stanford St., Santa Rosa, general contractor, has awarded the following sub-contracts in connection with the construction of a reinforced concrete girder overhead structure over the tracks of the Atchison, Topeka & Santa Fe Railway, 3½ miles north of Concord, consisting of one 32 ft. span and two 29-ft. spans and about 0.18 miles of roadway grading and surfacing with plant-mixed surfacing (medium curing type)

Reinforcing Steel—Gunn Carle & Co., 20 Potrero Ave., San Francisco.

Cement—Cowell Lime & Cement Co., 2 Market St., San Francisco.

Road Grading and Surfacing—Peres & Gatto, 920 Barrett Ave., Richmond.

Concrete Aggregates — Pacific Coast Aggregates, Inc., 85 Second St., San Francisco. •

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS OPENED

LOS ANGELES, Cal.—Los Angeles Harbor Department, Room 12, City Hall, Los Angeles, at $14,700 submitted low bid to the General Manager of the Harbor Department, Feb. 19 for constructing rubble bulkhead wall and riprap bank protection for the new terminal facility at Berth 155, Wilmington district, under Specification No. 955; PWA Docket No. 1209; Unit 3. Bids were taken as follows: (1) 2500 tons rip rap rock; (2) 350 cu. yds. rubble wall.

The bids were:

Los Angeles Harbor Dept. (1) $3.85; (2) $14.50; Total, $14,700..

Merritt-Chapman & Scott Corp., (1) $4.46; (2) $21.00; Total, $18,500.

Shannahan Bros., Inc., (1) $4.30; (2) $23.10; Total, $18,885.

The bids were referred to the Harbor Engineer for report and recommendation. •

BIDS WANTED

YERBA BUENA ISLAND, Calif.—Until March 4, 11 A. M., bids will be received by the Public Works Officer, 12th Naval District, 100 Harrison St., under Spec. No. 8172, for furnishing and driving four 60-ft. piles, creosoted for small boat landing at the U. S. Naval Receiving Station, Yerba Buena Island.

Plans and specifications obtainable from Commandant, 12th Naval District, 100 Harrison St., San Francisco, upon deposit of $5. •

24— STREET LIGHTING SYSTEMS

CONTRACT AWARDED

SAN FRANCISCO—R. Flatland, 1899 Mission St., at $2389 awarded contract by the Public Utilities Commission, City Hall, for installation of additions to the ornamental street lighting system on Turk Street and Arguello Blvd.; under Light & Power Department Contract No. 10.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

ARGENTA SIDING, Nev.—Following received by the Bureau of Reclamation, Denver, February 17, under Spec. No. 764-D, for furnishing: (1) ¾-c.y. dragline excavation; and (2) two dragline buckets, for Humboldt Project, Nev.:

Harnischfeger Sales Corp., Milwaukee: (1) $8,495; (2) $565; fob Milwaukee.

Isaacson Iron Works, Seattle: (1) no bid; (2) $550 fob Seattle.

Marion Steam Shovel Co., Marion, Ohio: (1) $9,700; (2) $775; (1 and 2) $10,475; fob Marion.

Northwest Engr. Co., Chicago: (1) $8,223; (2) no bid; fob Green Bay, Wis.

Byers Machine Co., Ravenna, Ohio: (1) $8,590; (2) $725; (1 and 2) $9,315; fob Ravenna.

Bay City Shovels, Inc., Bay City, Mich.: (1) $8,270 fob Bay City; (2) $645 ½-yd. bucket fob Omaha and ¾-yd. bucket fob Cleveland; (1 and 2) $8,900.

General Excavator Co., Marion O.: (1) $7,626.55; (2) $590; (1 and 2) $8,216.55; fob Marion.

Lima Locomotive Works, Lima, O.:

(1) $9,795; (2) $775; (1 and 2) $10,570; fob Lima.

Osgood Co., Marion, O.: (1) $7,500; (2) $661.50 (Omaha buckets); (1 and 2) $8,161.50; fob Marion.

Osgood Co., Marion: (Alternate bid) (1) $7,500; (2) $825 (Page R. C. buckets); (1 and 2) $8,325; fob Marion.

Koehring Co., Milwaukee: (1) $10,522; (2) $860; (1 and 2) $11,382; fob Milwaukee.

Browning Crane & Shovel Co. Cleveland: (1) $10,685 fob Cleveland; (2) $750 fob Chicago.

Page Engr. Co., Chicago: (1) no bid (2) $555; fob Chicago.

Bids held under advisement.

CONTRACT AWARDED

PACIFIC GROVE, Monterey Co., Cal.—Robley Chevrolet Co., Monterey, at $860 net, submitted low bid and awarded contract by the Pacific Grove City Council, for furnishing a 1½-ton truck chassis equipped with a "Wood" hydraulic dump body Model C12, 96-in. length, 1½-yd. capacity; etc.

26—— RAILROADS

BIDS OPENED

LOS ANGELES, Cal.—Bennett & Taylor, 1046 Venice Blvd., Los Angeles, at $119,600 submitted only bid to the Los Angeles Harbor Department, February 19 for constructing an interlocker and signal system, Los Angeles Municipal Terminal Railroad, Belt Line extension. Spec. No. 947.

The work involves:

1 electric interlocking machine;
12 home signals;
2 district signals;
4 dwarf signals;
8 distant warning signs;
4 telephone stations;
12 interlocked derailing switches complete;
1 electric switch lock and derail,
55 35-ft. butt-treated and painted cedar poles;
70 kstandard, 6-pin. wood cross arms;
31 c.y. signal foundation concrete;
72 7x8-in. x 8-ft. creosoted pine or fir ties;
12 9x10-in. x 8 ft. 4-in. do;
24 9x10-in. x 11 ft. 6-in. do;
110 insulated joints.

Bids were taken on the following:

(1) for interlocking plant complete, exclusive of tower building and tool house;
(2) for concrete interlocking tower building and frame tool house.

The bid was: (1) $112,600, (2) $7000.

The bid was referred to the Harbor Engineer and General Manager for report.

CONTRACT AWARDED

SAN FRANCISCO—Eaton & Smith, 715 Ocean Ave., at $22,047.75 awarded contract by the Public Utilities Commission, City Hall, under Municipal Railway Contract No. 172, for the reconstruction of the Geary St. tracks between Powell and Kearny Sts., a PWA project.

28 — FIRE EQUIPMENT

BONDS DEFEATED

STOCKTON, San Joaquin Co., Cal.—A proposal to issue $50,000 in bonds to finance purchase of fire fighting equipment was defeated by voters at a special election February 18.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

SANTA BARBARA, Cal.—Daley Corp., 4430 Boundary St., San Diego, at $134,694.70 awarded contract (subject to PWA approval) by the San Diego City Council for construction of a water filtration plant.

The proposed filtration plant will be located between Mission Tunnel and the Sheffield Reservoir, and will consist of clarifier tanks occuping an area of 72x200 feet, with other portions of the building 40x58 feet, consisting of office, laboratory and other necessary departments, all of monolithic construction.

BIDS WANTED

NAVAJO & APACHE COUNTIES, Ariz.—Until March 10, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Holbrook-St. Johns Highway, WPH 6-A, AFE 2658. The work, which is located about 38 miles southeast of Holbrook, consists of the grading and draining of 3 miles of roadway, and the furnishing and placing aggregate base course and SC-2 road oil dust palliative, and is to be completed on or before August 15, 1936. The principal items and approximate quantities are:

36,000 cu. yds. roadway excavation;
5,400 cu. yds. drainage excavation;
800 cu. yds. structural excavation;
30,400 cu. yds. imported borrow;
33,000 cu. yds. mi. imported borrow haul;
10,400 tons aggregate base course;
232 cu. yds. concrete;
18,500 lbs. reinf. steel;
434 lin. ft. C.M. pipe (5 sizes);
31,700 lin. ft. line fence;
150 M gals. sprinkling;
150 hours rolling;
24,800 gals. SC-2 road oil;
340 lin. ft. treated timber piles;
24 each placing piles in framed bents;
19 M.B.M treated timber;
1 M.B.M. untreated timber;
100 sq. yds. furnishing and placing oil mix.

Plans may be obtained from the State Highway Engineer, T. S. O'Connell. Each bid must be accompanied by a certified or cashier's check for 5% of the amount of the bid as a proposal guarantee. Funds in the sum of $113,000 have been programmed for the construction of Projects WPH 6-A & B. Note: Project advertised above is 6-A.

CONTRACT AWARDED

INYO COUNTY, Cal.—C. W. Wood, Box 49, Stockton, at $8435 awarded contract by the State Highway Commission, Sacramento, for applying road-mix surface treatment on about 7.3 mi. in Inyo County between Death Valley Junction and the easterly boundary.

CONTRACT AWARDED

SANTA BARBARA COUNTY, Cal.—Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at $202,819 awarded contract by the State Highway Commission, Sacramento, for about 3.1 miles grading and paving with Portland cement concrete in Santa Barbara County between Tajiguas Creek and Arroyo Hondo.

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 309 Call Bldg., at $3,067.66 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,884, for the improvement of Francisco St. between Kearny and Montgomery, where not already improved, including the crossing of Francisco and Kearny Streets, and excluding that portion of the crossing required by law to be paved by the owner of the railroad tracks thereon.

The work involves:

(1) 470 c.y. grading (excavation);
(2) 35 l.f. 12-in. VCP sewer, in place;
(3) 5 12x8-in. Y branches, in place;
(4) 105 l.f. 8-in. VCP side sewers;
(5) 1 brick manhole, complete;
(6) 3 brick catchbasins, complete;
(7) 80 l.f. 10-in. VCP culvert, in place
(8) 325 l.f. armored concrete curb;
(9) 7770 s.f. asphalt-concrete pavement consisting of a 6-in. Class F concrete base and a 2-in. asphalt concrete wearing surface;
(10) 360 s.f. 1-course concrete sidewalk.

Total bids follow:

(A) E. J. Treacy, S. F. $3,067.66
(B) Eaton & Smith, S. F. 3,068.86
(C) Chas. L. Harney, S. F. 3,377.75
(D) Fay Imp Co., S. F. 3,923.40

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .80	$ .01	$ .70	$ 1.40
(2)	1.90	2.00	5.00	3.65
(3)	6.85	2.00	5.00	3.00
(4)	1.25	1.50	1.00	1.72
(5)	80.00	100.00	90.00	130.00
(6)	70.00	90.00	85.00	135.00
(7)	1.50	1.25	1.00	2.65
(8)	.60	.70	.85	.85
(9)	.233	.268	.25	.24
(10)	.12	.13	.25	.15

BIDS WANTED

MOHAVE COUNTY, Arizona—Until March 13, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Kingman-Boulder Dam Highway, FLH 2-B, C, D and E; AFE 6906.

The work, which begins about 50 miles northwest of Kingman and extends northwesterly about 25.3 miles to within one mile of Boulder Dam, consists of furnishing and placing aggregate base course, shoulder material and cutback oil cake (either road mix or plant mix method) and is to be completed on or before Dec. 31, 1936.

The items and quantities are:

376,000 s.q. reshaping road surface;
1,000 M. gals. sprinkling;
1,000 hours rolling;
29,900 tons aggregate base course (C I P);
5,600 tons shoulder material (CIP);
41,200 tons mineral aggregate (CIP);
1,800 tons cutback asphalt;
317 tons road oil (95 plus);
74,200 gal. road oil (SC-2);
25.3 miles processing road mix;
3,700 tons screenings;
1,000 tons stockpiling dry aggregate
250 tons stockpiled screenings;

ALTERNATE PLANT MIX ITEMS

620 M. gal. sprinkling;
620 hours rolling;
9,000 tons aggregate base course (C I P);
37,900 tons plant mix;
1,500 tons cutback asphalt;
25.3 miles placing plant mix.

Funds in the amount of $165,000 have been programmed for the construction of this project. T. S. O'Connell, state highway engineer. Certified or cashier's check for 5% must accompany bid.

CONTRACT AWARDED

SANTA BARBARA and San Luis Obispo Counties, Cal.—Heafey-Moore Co., 344 High St., Oakland, at $66,562.30 awarded contract by the State Highway Commission, Sacramento, for about 2.4 miles grading and paving with asphalt concrete in Santa Barbara and San Luis Obispo Counties, between Richfield Tower and Santa Marie River.

CONTRACT AWARDED

SACRAMENTO COUNTY, Calif.—Blake Bros. Co., Balboa Building, San Francisco, at $20,862 awarded contract by the State Highway Commission, Sacramento, for placing riprap slope protection on about 0.6 mile in Sacramento County between Isleton and Walnut Grove.

BIDS WANTED

SAN FRANCISCO.—Until March 11, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,-823, for the improvement of Prospect Ave. between Cortland Ave. and Santa Marina St. (construction of concrete stairway and retaining wall). Estimated cost, $1,432.

The work involves:
(1) 40 c.y. grading (excavation);
(2) 38 l.f. 10-in. VCP culvert in place;
(3) 2 each brick storm water inlets, complete;
(4) 40 c.y. Class B concrete in walls and stairs;
(5) 1,100 lbs. bar reinforcing steel;
(6) 50 l.f. armored concrete curb;
(7) 1 brick catchbasin, reconstructed or reset;
(8) 600 sq. ft. one-course conc. sidewalk.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

CONTRACT AWARDED

SANTA CRUZ COUNTY, Cal.—Peninsula Paving Co., 9 Main St., San Francisco at $202,613.50 (Alternate A, crusher run base and natural rock asphalt surfacing) awarded contract by the State Highway Commission at Sacramento for about 3.9 miles grading and surfacing with crusher run base and natural rock asphalt, or crusher run base and plant-mixed surfacing in Santa Cruz County between Scotts Valley and one mile north of Santa Cruz.

Complete list of total bids published February 24; complete units published February 20.

NOTICE TO BIDDERS

MONTEREY CO., Calif.—A representative of the District Office will accompany prospective bidders over the proposed project in Monterey Co. between Soledad and Gonzales, Road V-Mon-2-D, C, for which bids are to be received in Sacramento on Mar. 11.

Said representative will meet prospective bidders at Resident Engineer's office, Soledad Subway, on Wednesday, March 4, at 10:30 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

ALAMEDA COUNTY—3.8 MI. BASE AND ARMOR COAT—(STATE)

ALAMEDA COUNTY, Cal.—Claude C. Wood, 669 Bedford Road, Stockton, at $19,302.25 submitted low bid to the State Highway Commission, Sacramento February 26, for constructing crusher run base and applying armor coat on about 3.8 miles in Alameda County between Laguna Creek and Dublin. The work involves:
(1) 9800 tons crusher run base;
(2) 65 tons liquid asphalt, SC-1A;
(3) 100 tons do, 90-95;
(4) 1980 tons screenings.

Total bids follow:
(A) C. W. Wood, Stockton, $19,302.25
(B) George French Jr., Stockton, $19,-841.00.
(C) Palo Alto Road Materials Co., Palo Alto, $22,097.57.
(D) Pacific Truck Service, Inc., San Jose, $22,419.70.
(E) J. A. Casson, Hayward, $22,476.
(F) Independent Constr. Co., Oakland, $22,890.
(G) A. Teichert & Son, Inc., Sacramento, $23,424.
(H) Chas. L. Harney, San Francisco, $23,672.
(I) Heafey-Moore Co., Oakland, $23,-800.40.
(J) E. A. Forde, San Anselmo, $24,-297.20.
(K) N. M. Ball Sons Co., Berkeley, $24,542.70.
(L) A. J. Raisch, San Jose, $24,712.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	$ 1.33	$ 1.32	$ 1.568	$ 1.58	$ 1.60	$ 1.72	$ 165	$ 1.75	$ 1.78	$ 1.74	$ 1.75	$ 1.77
(2)	11.05	10.00	9.43	11.80	10.50	12.00	10.08	11.00	12.80	11.00	12.50	11.00
(3)	15.90	18.00	17.84	17.66	16.50	15.00	18.00	15.50	20.00	16.00	16.50	18.00
(4)	2.00	2.25	2.189	2.24	2.25	1.90	2.40	2.15	1.78	2.49	2.49	2.45

MONTEREY COUNTY—1.1 MILE GRADE & SURFACE — (STATE)

MONTEREY COUNTY, Cal.—Young & Son Co., Ltd., 599 Colusa Ave., Berkeley, at $20,915.60 submitted low bid to the State Highway Commission, Sacramento, for about 1.1 mile gradign, surfacing with selected material and treating with liquid asphalt in Monterey Co., between Lewis Creek and Priest Valley.

Unit bids follow:

The work involves:
(1) Clearing and grubbing right of way;
(2) 27,400 c.y. rdwy. excav.;
(3) 775 c.y. struc. excav.;
(4) 625 c.y. ditch and channel excav.
(5) 43,000 sta. yds. overhaul;
(6) 2,950 c.y. selected material;
(7) 10,100 mile yards haul (selected material;
(8) 58 stations finishing roadway;
(9) 180 tons liquid asphalt, SC-2;
(10) 13,000 sq. yds. preparing, mixing and shaping roadbed;
(11) 70 c.y. creek-run sand;
(12) 1 MFBM dense, select, all-heart structural redwood;
(13) 9 MFBM select all-heart structural redwood;
(14) 17 c.y. rubble masonry;
(15) 72 l.f. 8-in. CMP;
(16) 410 l.f. 18-in. CMP;
(17) 52 l.f. 24-in. CMP;
(18) 136 l.f. 36-in. CMP;
(19) 9 each spillway assemblies;
(20) 533 l.f. laminated guard railing;
(21) 26 each culvert markers;
(22) 64 each guide posts;
(23) 0.2 mile new prop. fence (standard);
(24) 0.2 mile do (hogwire A);
(25) 1.8 miles do (hogwireB);
(26) 7 each drive gates;
(27) 0.2 mile bank protection fence;
(28) 22 each monuments.

Total bids follow:
(A) Young & Son Co., Ltd., Berkeley, $20,915.60.
(B) J. L. Conner, Monterey, $23,095.75
(C) Poulos & McEwen, Sacramento, $25,088.50.
(D) M. J. B. Const. Co., Stockton, $25,201.75.
(E) Granfield-Farrar & Carlin, San Francisco, $25,301.25.
(F) L. A. Brisco, Arroyo Grande, $26,-329.30.
(G) A. Teichert & Son, Inc., Sacramento, $27,174.00.
(H) R. R. Carlson, Stockton, $27,-812.25.
(I) C. W. Caletti & Co., San Rafael, $28,853.00.
(J) Wm. C. Horn, Pomona, $29,978.00.
(K) Leo F. Piazza, San Jose, $33,-377.29.

(SPECIAL TO DAILY PACIFIC BUILDER)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	$500.00	$ 500.00	$1550.00	$2000.00	$ 750.00	$1300.00	$1500.00	$1500.00	$2000.00	$2000.00	$726.00
(2)	.24	.30	.28	.34	.35	.38	.34	.40	.40	.45	.64
(3)	1.00	1.00	1.00	1.05	1.50	1.24	1.50	1.25	1.50	1.75	1.00
(4)	.50	.75	.40	.56	.75	.62	1.25	.90	1.00	1.00	.90
(5)	.005	.01	.01	01	.005	.01	.005	.01	.01	.01	.007
(6)	.35	.50	1.10	.30	.75	.39	.35	.35	.40	.52	.55
(7)	.10	.20	.12	.15	.10	.15	.15	.20	.15	.11	.10
(8)	5.00	5.00	5.00	7.00	15.00	6.80	10.00	10.00	7.00	8.00	5.50
(9)	12.00	13.00	14.00	12.00	17.00	11.80	20.00	16.00	19.00	14.00	17.00
(10)	.20	.10	.05	.07	.06	.06	.10	.06	.10	.10	.08
(11)	1.00	2.00	3.00	2.80	2.50	3.95	2.00	3.00	3.00	2.00	1.60
(12)	100.00	90.00	120.00	150.00	110.00	146.00	110.00	100.00	100.00	130.00	160.00
(13)	100.00	80.00	120.00	121.00	100.00	135.00	110.00	100.00	100.00	125.00	145.00
(14)	15.00	15.00	20.00	22.00	15.00	18.00	16.00	12.00	20.00	18.00	10.00
(15)	1.05	1.00	1.00	1.50	1.05	1.25	1.00	1.50	1.25	1.25	1.13
(16)	1.80	1.60	2.00	2.35	1.75	1.97	2.00	2.25	1.75	2.00	2.00
(17)	2.55	2.50	3.00	3.60	2.70	3.10	3.00	3.25	3.00	3.00	3.04
(18)	4.65	5.00	4.75	6.50	5.00	5.00	5.75	7.50	5.25	5.00	6.07
(19)	14.00	15.00	15.00	15.00	15.00	16.95	15.00	30.00	16.00	15.00	17.23
(20)	1.00	1.00	1.50	1.10	1.00	1.41	1.25	1.00	1.00	1.25	1.25
(21)	2.00	2.00	2.00	2.10	2.50	2.26	2.50	2.00	2.00	1.75	2.00
(22)	2.00	2.00	2.00	2.10	2.50	1.69	2.50	2.00	2.00	1.75	2.50
(23)	500.00	500.00	750.00	490.00	450.00	600.00	550.00	350.00	550.00	500.00	600.00
(24)	850.00	750.00	800.00	560.00	500.00	800.00	750.00	450.00	650.00	650.00	700.00
(25)	500.00	600.00	700.00	490.00	425.00	750.00	600.00	550.00	600.00	600.00	630.00
(26)	18.00	20.00	20.00	15.00	15.00	25.00	22.50	15.00	20.00	18.00	20.00
(27)	1700.00	750.00	800.00	1400.00	550.00	1200.00	1200.00	750.00	1000.00	2000.00	1800.00
(28)	3.00	3.00	3.00	3.50	3.00	3.50	3.00	3.50	5.00	3.00	3.00

BIDS WANTED

ALAMEDA, Alameda Co., Calif.—Until March 16, 5 P. M., bids will be received by the Alameda City Council for the improvement of Maitland Dr., consisting of resurfacing the present pavement and other incidental work, involving:

(1) 2117 tons asphaltic concrete leveling course;
(2) 1650 tons asphaltic top concrete, Type D;
(3) 3081 tons crusher run base and shoulders;
(4) 8000 sq. ft. rock gutter;
(5) 18,000 sq. ft. ditch grading;
(6) 37,160 sq. ft. armour coat for shoulders;
(7) 130 lin. ft. 8-in. corrugated metal pipe culvert in place;
(8) 80 lin. ft. 8-in. do;
(9) 3 cu. yds. Class A concrete for head walls.

Plans and specifications may be obtained from above office upon deposit of $10.00.

BIDS WANTED

OAKLAND, Cal.—Until March 9, 4:30 P. M, bids will be received by the City of Oakland Port Commission, for Clamshell dredging at the Livingston and Dennison Street Pier, Oakland. Approximately 40,000 cu. yds. of material is involved.

NOTICE TO BIDDERS

KERN COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in Kern County between Eric and La Rose, Road VI-Ker-58-G, for which bids are to be received in Sacramento on March 11.

Said representative will meet prospective bidders at Juanita Hotel, Tehachapi, on Wednesday, March 4, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

BONDS VOTED

ELY, Nevada—A proposal to issue $36,000 in bonds to finance construction of cement sidewalks on Ely's main street, for curb and gutter construction and other improvement projects carried by a vote of 267 to 41 at a special election held recently.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H Purcell, State Highway Engineer, has announced the cost of blue prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on March 11:

IV-C.C-75-C, D, between Antioch and Borden Highway: No Plans nor Cross-Sections.

IV-Mrn-69-A-S.Rf, between Route 1 and Point San Quentin: No Plans nor Cross-Sections.

V-Mon-2-D,C between Soledad and Gonzales: PLANS (No. of Sheets) 20; (Cost) $2.00; CROSS-SECTIONS (No. of Sheets) 112; (Cost) $11.20; (Total) $13.20.

VI-Ker-58-G, between Eric and La Rose: PLANS (No. of Sheets) 16; (Cost) $1.60; CROSS-SECTIONS (No. of Sheets) 101; (Cost) $10.10; (Total) $11.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the request for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS OPENED

COCONINO COUNTY, Arizona—Identical bids at $5.50 per ton f.o.b. Bakersfield, and at $5 per ton f.o.b. Los Angeles, were received by the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, for furnishing 564 tons of Type SC-2 liquid asphaltic road material for use on Route 8, Hermit Rest and Headquarters Service Roads, in Grand Canyon National Park, Coconino County, Arizona.

The bidders were: Union Oil Co., General Petroleum Corp., Richfield Oil Co., Shell Oil Co. and Gilmore Oil Co.

Associated Oil Co. and Standard Oil Co., bid $5.50 f.o.b Bakersfield only

Phoenix-Tempe Stone Co. and Arizona Asphaltic Emulsion Co., bid $5 f.o. b. Los Angeles only.

Bids held under advisement.

LOW BIDDERS

COCONINO COUNTY, Ariz.—Jack Casson, Phoenix, at $92,359 submitted low bid to the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for placing a crushed rock base course on all of Route 8, Hermit's Rest, and the Headquarters Service Road and Parking Areas, Grand Canyon National Park, Coconino County.

The length of the project is 9.141 miles, exclusive of Service Roads and Parking Areas, which have an area of approximately 57,205 sq. yds.

Ken Hodgman, Pasadena, at $100,000.50 submitted second low bid, and Southern California Roads Co., Los Angeles, at $118,215.50 submitted the third low bid.

Engineer's estimate, $68,993.

Bids held under advisement.

CONTRACT AWARDED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties, Cal.—Bradley Truck Co., Santa Maria at $6,678 awarded contract by State Highway Commission, Sacramento, for applying diesel oil to roadside vegetation for a distance of about 200 roadside miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties, requiring 3,150 barrels of oil in place.

CONTRACT AWARDED

MONTEREY COUNTY, Calif.—Peninsula Paving Co., 9 Main St., San Francisco, at $316,342.70 awarded contract by the State Highway Commission, Sacramento, for about 6.8 miles grading and paving with Portland cement concrete and constructing a reinforced concrete bridge in Monterey County between Bradley and six miles south of San Ardo.

CONTRACT AWARDED

SAN FRANCISCO.—Geo. F. Brayer, 160 Tenth St., at $11,887 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,919, for construction and installation of a street lighting system on 5th Street between Market and Townsend Streets, a PWA project.

CONSTRUCTION PROGRAM

LOS ANGELES, Calif.—Street improvement projects included in the $13,249,629.40 program of Los Angeles city to be constructed under the state gasoline tax appropriations are:

Expenditures to be made upon the State highway routes are:

Marengo St. and Daly St., Route 4, from Cornwell to Main Sts.—1.1 miles, acquisition of right of way, $110,000.

Foothill Blvd., Route 9, from Fenwick St. to Osborne Ave., "N" and "O" Sts., Rte. 60, from Alameda St. to Wilmington Blvd.—3.8 miles; acquisition of right of way, $50,000; 1.5 acquisition of right of way, $175,000.

Sepulveda Blvd., Route 158, from Brand Blvd. to San Fernando Road; 3.7 miles; acquisition of right of way, $25,000.

Tenth St., Rte. 173 (Olympic Blvd.) from Indiana St. to Eighth St.; Hoover St. to Beacon Ave.; Rimpau Blvd. to Norton Ave.; Gramercy Drive to Arlington Ave.; Flower St. to Francisco St.; acquisition of right of way, construction and engineering, $250,000.

General maintenance until June 30, 1937, $330,000.

Traffic control devices, $50,400.

Roadside beautification, $16,800.

Total, $1,0[illegible],200.

Improvement of major city arterials other than State Highways to be financed as above stated with gasoline-tax money and the $9,994,607 of PWA funds are programmed as follows:

Adams Blvd. from Main Street to Compton Ave., $186,121.

Avalon Blvd. from Gage Avenue to Manchester Ave., $48,208.

Avalon Blvd. from 33rd St. to 51st St., $24,697.

Arroyo Seco from San Pasqual Ave. to Avenue 22, $446,944.

Balboa Ave. from San Fernando Mission Road to Ventura Blvd., $573,855.

Beverly Glen Boulevard from Scenic Road to Greendale Dr., $403,990.

Burbank Blvd. from Sepulveda Blvd. to Ventura Blvd., $366,096.

Cahuenga Blvd. from Landale St. S. D., $122,875.

Chautauqua Blvd. from Venice St. to Malibu Road, $37,847.

Eastern Ave. from Huntington Dr. to Alhambra Ave., $215,434.

Figueroa St., State Highway Route 165, from Pasadena Ave. to 2nd St., $1,340,004.

Figueroa St., State Highway Route 165, from 12th St. to Santa Barbara Ave., $212,533.

Figueroa St., State Highway Route 165, from Santa Barbara Ave. to Manchester Ave., $324,491.

Figueroa St., State Highway Route 165, from 139th St. to 153rd St., $70,674.

Highland Ave., State Highway Rte. 160, from Cahuenga Blvd. to Santa Monica Blvd., $458,550.

Hope St. from Pico Blvd. to Venice Blvd., $8831.

La Cienega Blvd. from Airdrome to Venice Blvd., $46,629.

La Loma Road and Figueroa St., I. D., $16,697.

Lankershim Blvd., State Highway Route 160, from San Fernando Road to Magnolia Ave., $173,482.

Los Angeles St. from Pico St. to 23rd St., $25,978.

Main St. from Aliso St. to Temple St., including Aliso St., $36,272.

Main St. from Venice Blvd. to Jefferson Blvd., $26,767.

Marengo St., State Highway Route 4, from Indiana St. to Mission Road, $201,979.

Mission Road from Alhambra Ave. to Aliso St., $109,095.

Motor Ave. from Forrester Ave. to Manning Ave., $41,012.

Olive St. from 7th St. to Pico Blvd. $25,660.

Paseo Del Mar from Gaffey St. to west city limits, $181,259.

Riverside Drive from Victory Blvd. to Los Feliz Blvd., $444,524.

Rowena Ave. from Glendale Blvd. to Hyperion Ave., $63,386.

San Pedro St. from 116th St. to 33rd St., $38,969.

Santa Monica Blvd., State Highway Route 162, from Seward St. to La Brea Ave., $40,582.

Santa Monica Blvd., State Highway Route 162, north roadway from Heath Ave. to Sepulveda Blvd., $759,174.

Sepulveda Blvd. State Highway Rte. 158, from Centinela Ave. to Lincoln Ave., $304,022.

Sepulveda Blvd. State Highway Rte. 158, in Barnes City district, $19,711.

Silver Lake Blvd. from Berkeley Ave. to S. L. Reservoir, $81,256.

Topanga Canyon, State Highway Route 156, from Ventura Blvd. to the south city limits, $133,017.

Torrance Blvd. from Normandie Ave. to Western Ave., $28,853.

Trinity St. from 16th to 36th Sts., $95,199.

Venice Blvd. from Figueroa St. to Bond St., $9564.

Vernon Ave. from Van Ness Ave. to Crenshaw Blvd., $49,645.

Vermont Ave. across Nigger Slough north of 182nd St., $24,475.

Vista Del Mar at El Segundo city limits, $65,299.

Yosemite Dr. from Figueroa St. to Eagle Rock Blvd., $128,659.

First St., south side, from Rivera St. to Lorena St., $7420.

Second Ave. from Navy Street to Venice Way, $209,917.

Fourth St. from Indiana Ave. to Fresno Ave., $59,389.

120th St. from Avalon Blvd. to Vermont Ave., $223,051.

Third St. tunnel, $1,706,115.

Federal relief funds have been budgeted by California Highway Commission for the following projects:

Sepulveda Blvd., State Highway Route 158, from San Fernando Road to Brand Blvd., $555,334.

North Figueroa St., State Highway Route 165, grade separation over S. P. Railroad tracks at Los Angeles River, $578,420.

Huntington Drive South, grade separation under Pacific Electric Railroad tracks at Soto St., $241,661.

Soto St. grade separation over the S. P. Railroad tracks at Alhambra Ave., $116,864.70.

Soto St. grade separation over the Union Pacific Railroad tracks near Pico Blvd., $154,942.70.

CONTRACTS AWARDED

STATE OF WASHINGTON. — Bids were opened by L. V. Murrow, Director of Highways, Olympia, Feb. 18, and action taken as follows:

YAKIMA. CO.: Paving with Portland cement concrete on about 0.6 mi. of State Road No. 3, First St., in Yakima.

Awarded—Macri Bros., 511 21st N., Seattle, $23,889.

YAKIMA CO.: Clearing, grading on about 0.5 mile of State Road No. 5, Tieton Dam vicinity.

Awarded—Carl Bjork, Fred Pearson and Wm. Strom, McDowall Building, Seattle, $105,257.

FRANKLIN CO.: Clearing, grading, bituminous surface treatment of road mix type, Class B and reinforced concrete overcrossing over tracks of the N.P.R.R. Co. on about 0.4 mile of State Road 11, Paso North (Airport vicinity).

Awarded—J. H. Collins & Co., Box 47, Spokane, $42,496.

FRANKLIN CO.: Producing and stockpiling crushed stone surfacing and mineral aggregate (oil rock) for about 36.1 miles of State Road 11, Ritzville to Adams.

Awarded—Rogers Const. Co., Dayton, $11,940.

YAKIMA CO.: Grading, surfacing, constructing bit. macadam Class D penetration type on 4.2 miles of county road, Cowiche to Tieton.

Awarded—Fred G. Redmon, Yakima $67,317.

SNOHOMISH County: Paving with Portland cement concrete on the city streets, Broadway from 27th to south corporate limits, Everett.

Awarded—E. J. Templeton & Co., $16,722.

WALLA WALLA CO.: Construction of bituminous surface treatment, road mix type, Class B, on about 3.5 miles of county road, Walla Walla north.

Awarded—Diesel Oil Sales Co., 2155 Northlake, Seattle, $12,909.

PIERCE CO.: Paving with Portland cement concrete on about 3.2 miles of county road, Gig Harbor to Pt. Fosdick.

Awarded—Jos. Warter, Sr., 631 N. Fife, Tacoma, $64,689.

SPOKANE CO.: Grading, surfacing and construction of reinforced concrete overcrossing over tracks of S. P. & S. R. R. Co. on about 0.5 mile of county road, Cheney Plaza Road.

Awarded—Goodfellow Brothers, Inc. Wenatchee, $34,482.

WAHIAKUM CO.: Treated pile and timber trestle on county road, Crooked Creek Bridge.

Awarded—Makela Const. Co., Astoria, $7,106.

All bids received for paving with portland cement concrete and asphalt concrete on about 0.6 mile of First St. between Race and Lincoln, in Port Angeles, Clallam County, were rejected. Low bid was submitted by Washington Asphalt Co., Seattle, at $15,714.

TO BE DONE BY DAY'S LABOR

WASHOE COUNTY, Nev.—District Engineer C. H. Sweetser of the Bureau of Public Roads has authorized Robert A. Allen, Nevada State Highway Engineer, to proceed with a Works Program Highway improvement project in Sparks by day labor. The work consists of constructing storm drains and concrete curbs in Sparks, and gravel surfacing and oiling on the Pyramid Lake Route between Sparks and 1.9 miles northerly. Etimated construction cost, $47,500.

REVISED BIDS OPENED

SANTA CRUZ CO., Cal.—Peninsula Paving Co., 9 Main St., San Francisco, at $202,613.50 on Alternate "A", and at $206,261.00 on Alternate "B" submitted low bid to the State Highway Commission, Sacramento, Feb. 19 for about 3.9 miles grading and surfacing with crusher run base and natural rock asphalt or crusher run base and plant-mixed surfacing in Santa Cruz County between Scotts Valley and one mile north of Santa Cruz.

The work involves:

(1) 208 stations clearing and grubbing right of way;
(2) 1,800 M. gals. water;
(3) 255,000 c.y. rdwy. excav., unclass.
(4) 5,600 c.y. struc. excav.;
(5) 900,000 sta. yds. overhaul;
(6) 208 sta. finishing rdwy.;
(7) 130 c.y. Class A Portland cement concrete (struc.);
(8) 8,000 lbs. bar reinf. steel (struc.)
(9) 950 l.f. 8-in. CMP;
(10) 180 l .f. 12-in. CMP;
(11) 1,200 l.f. 18-in. CMP;
(12) 292 l.f. 24-in. CMP;
(13) 174 l.f. 30-in. CMP;
(14) 270 l.f. 60-in. CMP 8-gauge;
(15) 110 l.f. 72-in. CMP 10-gauge;
(16) 190 l.f. 72-in. CMP 8-gauge;
(17) 34 each spillway assemblies;
(18) 9,000 l.f. 8-in. perf. metal pipe underdrains;
(19) 1,620 c.y. rock filling material (underdrains);
(20) 478 l.f. existing pipe culverts removed, cleaned and relaid;
(21) 427 l.f. existing pipe culverts, removed, cleaned and salvaged;
(22) 70 l.f. 8-in. vit. clay pipe;
(23) 1,100 l.f. laminated guard railing;
(24) 1,140 l.f. existing guard railing removed and stockpiled;
(25) 54 each culvert markers;
(26) 1,000 each guide posts;
(27) 5.0 miles new property fence;
(28) 23 each 14 ft. drive gates;
(29) 7 each 12 ft. drive gates;
(30) 1,700 c.y. existing concrete removed and disposed of;
(31) 113 each monuments complete in place;
(32) 100 tons of liquid asphalt SC-1A (shoulders);
(33) 70 tons liquid asph. SC-2 (shoulders);
(34) 440 tons screenings (shoulders);

ALTERNATIVE A

(35) 34,250 tons crusher run base;
(36) 6,600 tons natural rock asphalt;
(37) 90 tons emulsified asphalt 95 plus (prime coat);
(38) 215 tons screenings (prime coat);

ALTERNATIVE B

(39) 32,350 tons crusher run base;
(40) 74 tons liquid asph. MC-2 (prime coat);
(41) 9,250 tons mineral aggregate (plant-mixed surfacing);
(42) 450 tons liquid asphalt MC-4 or MC-5 (plant-mixed surf.);
(43) 50 tons liquid asphalt MC-3 (seal coat);
(44) 430 tons screenings (seal coat).

NOTE: Alternative A sets forth the necessary items for the construction of the central portion of the roadbed with crusher run base and natural rock asphalt surfacing; Alternative B sets forth the items for constructing the same area with crusher run base and plant-mixed surfacing.

Complete total bids follow (revised from previously reported preliminary totals):

(A) Peninsula Paving Co., San Francisco, Alternate "A", $202,613.50; Alternate "B" $206,261.00.
(B) David H. Ryan, San Diego: (A) $203,470.30; (B) $.....
(C) Young & Son Co., Ltd., Berkeley, (A) $204,451.00; (B) $207,450.50.
(D) R .R. Carlson, Stockton, (A) $206-056.00; (B) $206,433.50.
(E) Poulos & McEwen, Sacramento, (A) $205,997.20; (B) $.....
(F) Mittry Bros. Const. Co., Los Angeles, (A) $218,083.30; (B) $220,-712.30.
(G) Union Paving Co., San Francisco, (A) $.....; (B) $219,479.50.
(H) A. J. Raisch, San Jose, (A) $224-201.20; (B) $224,027.70.
(I) Gibbons & Reed Co., Burbank, (A) $234,314.05; (B) $238,763.90.
(J) A. Teichert & Son, Inc., Sacramento, (A) $240,926.88; () $235,-803.85.
(K) Hanrahan Co., San Francisco (A) $252,053.30; (B) $.....
(L) Wood & Bevanda, Stockton, (A) $268,371.26; (B) $294,879.51.
(M) V. R. Dennis Const. Co., San Diego, (A) $282,272.25; (B) $280,-730.25.

30—RESERVOIRS & DAMS

BIDS WANTED

SAN DIEGO, Cal.—Until March 10, 10 A. M., as previously reported, bids will be received by the San Diego City Council for strengthening the Hodges Reservoir dam, located 10 miles east of Solano and 7 miles southwest of Escondido. The job is being financed by the PWA to the extent of $81,000.

The work involves:

(1) 300 c.y. excavation, Class 1;
(2) 50 c.y. excavation, Class 2;
(3) 100 c.y. excavation, Class 3, cut-off excavation in spillway;
(4) 200 c.y. Class 4 do;
(5) 2500 c.y. concrete, Class 1 in columns and struts;
(6) 950 c.y. concrete, Class 2 in diagonal strengthening & top anchorage;
(7) 150 c.y. concrete, Class 3, in footings;
(8) 600 c.y. concrete, Class 4, in spillway;
(9) 6500 bbls. cement in the work;
(10) 80,000 lbs. cleaning and placing reinforcing steel in the work

furnished by the city;
(11) 550,000 lbs. reinforcing steel furnished by contractor in place in the work;
(12) 55,000 lbs. steel tie bars in place in the work, including nuts and turnbuckles;
(13) 40,600 lbs. steel plates in place in the work;
(14) 1700 l.f. drilling holes thru concrete with concussion drill, various sizes;
(15) 9300 sq. ft. chipping concrete surfaces;
(16) 1650 c.y. chipping keyways;
(17) 575 drill holes grouting;
(18) 500 l.f. drilling 1½-inch anchor holes in spillway;
(19) 1000 l.f. drilling 2½-in. or larger anchor holes under footings of vertical columns.

Plans and specifications prepared by Fred D. Pyle, and obtainable from his office upon deposit of $25.00.

Certified check for 10% of amount of the bid must accompany each proposal. The successful bidder will be required to furnish a faithful performance bond in the sum of 100% and a labor and material bond in the sum of 50%.

CONTRACT AWARDED

ENCINITAS, San Diego Co., Cal.—T. C. Pritchard, 5260 Magnolia Ave., Riverside, submitted low bid and was awarded contract by the Board of Directors of the San Dieguito Irrigation District, Encinitas, Feb. 17 at $11,943.15, for the construction of a circular, reinforced concrete reservoir (known as Reservoir No. A) including the furnishing of all labor, material, except as otherwise provided in the specifications, tools, and equipment necessary for such construction.

Plans and specifications were prepared by E. A. Rowe of the office of J. B. Lippincott, 714 Olympic Blvd., Los Angeles.

The work involves:
(1) 650 c.y. excavation;
(2) 460 c.y. reinf. conc. in walls, footings, columns and boxes;
(3) 6060 sq. ft. reinf. conc. floor;
(4) 7150 sq. ft. frame roof with covering.

The proposed reservoir will be 92 ft. 3 in. dia. overall, with an inside depth of 28 ft.

The other bids were:
Herbert Nunn, Encinitas, $12,795.
H. G. Klusman, Cucamonga, $12,924.
R. McKenna, Solano Beach, $13,140.10.
Alonzo J. Frazier, Puente, $13,453.90
E. S. and N. S. Johnson, Del Mar, $14,692.00.
Matich Bros., Elsinore, $14,843.20.
Geo. E. Miller, Beverly Hills, $14,848.97.
W. E. Allen, Long Beach, $15,073.90.
Hunt & Curry, San Diego $15,691.20.
V. R. Dennis Const. Co., San Diego, $16,810.50.
Case Const. Co., Alhambra $17,383.60
Miracle Co., San Diego, $17,942.
Guy E. Hall, Los Angeles, $18,609.

31—PIPE LINES & WELLS

BIDS OPENED

INGEWOOD, Los Angeles County, Cal.—Western Pipe & Steel Corp., 5717 Santa Fe Ave., Los Angeles, at $10,487.60 ($3.06 per ft., plus 8c ft. sales tax) submitted low bid to the Inglewood City Council for furnishing and laying 3340 ft. 24-in. welded steel pipe line with special fittings, from the lower pumping station of the municipal water system to the upper reservoir near the junction of Hargrave Ave. and Wexham Way. Arthur W. Cory, City Engineer.

The other bids were:
Southwest Welding & Mfg. Co., $3.21 per ft., including sales tax.
Consolidated Steel Corp., Ltd., $3.31 per ft., including sales tax.
Bids held under advisement

BIDS WANTED

LAKE COUNTY, Cal.—Until Mar. 5, 2 P. M., bids will be received by the U. S. Indian Irrigation Service, 751 S. Figueroa Street, Los Angeles, for drilling, casing, perforating, sand pumping and testing three to five wells near the towns of Lakeport and Upper Lake in Lake County, under Proposal No. 600. The wells will be 12-in. in diameter and from 60 to 200 ft. deep. For exploring underground formation from 1 to 5 exploratory or pilot holes 2- to 4-in. dia. and 50 ft. to 200 ft. deep may be required.

Bids will be taken as follows:
(1) 300 ft. drilling and casing, including finishing and installing casing, shoes and starters;
(2) 40 hours use of rig equipment and crew for perforating, sand pumping and other work not otherwise covered;
(3) Lump sum, developing and testing with deep well turbine pump;
(4) 200 l.f. drilling and casing pilot holes, 2- to 4-in. dia.

The following wage scale is applicable: Skilled labor, $1.10 per hour; unskilled labor, $0.45 per hour.

Advertisement No. 0221. Bid bond for 5% must accompany bid.

PLANNED

SAN DIEGO, Cal.—The City of San Diego has under consideration a proposal to participate in the Colorado River Aqueduct project and has asked the Metropolitan Water District special committee for information regarding the possibility of sharing Colorado river water. Water destined for San Diego would be diverted from the aqueduct near the east end of Lakeview Syphon, west of San Jacinto tunnel and carried south by means of a gravity line 85 miles long by way of Railroad Canyon, Temecula and Escondido to the proposed San Vicente reservoir. The communication to the district was signed by R. W. Flack, San Diego city manager.

BIDS WANTED

TACOMA, Wash.—Until March 16, 2 P. M., bids will be received by the Board of Contracts and Awards, 307 City Hall, for the construction of 18,990 feet of 48-inch pipe line, of which 2,750 ft. must be of steel and the remaining 16,240 ft. may be either steel pipe or lock joint steel cylinder reinforced concrete pipe.

S. A. Kunigk, City Water Superintendent.

Specifications obtainable from above office.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

LOS ANGELES, Cal.—Until March 18, 10 A. M., bids will be received by the general manager of the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for hydraulic suction and bucket dredging in Los Angeles Harbor; Spec. No. 953; PWA Docket No. 1225. Contract will involve the removal of approximately 287,000 c.y. of material from the East Channel, Outer Harbor, San Pedro district; 95,000 c.y. from Slips 230 and 232, Terminal Island; and 454,700 c.y. from West Basin, Wilmington district, with disposal sites as specified. Bidding data may be obtained from the harbor engineer, Branch City Hall, San Pedro. Certified check or bond for 10% must accompany each bid. Arthur Eldridge, general manager.

BIDS OPENED

BERKELEY, Alameda Co., Cal.—Oakland Sewer Construction Co., 9915 Walnut St., Oakland, at $7,231.10 submitted low bid to the Berkeley City Council, Florence Turner, City Clerk, for the construction of a storm sewer on Ashby Ave. from Benvenue to Elmwood Court.

The work involves:
(1) 1165 lin. tf. 18-in. sewer pipe;
(2) 680 lin. ft. 15-in. sewer pipe;
(3) 230 lin. ft. 12-in. sewer pipe;
(4) 480 lin. ft. 10-in. catchbasin connections;
(5) 9 catchbasins with water seal;
(6) 1 catchbasin without water seal;
(7) 2 curb inlets;
(8) 8 manholes.

Total bids follow:
(A) Oakland Sewer Constr. Co., Oakland, $7231.10.
(B) Peter J. McHugh, San Francisco, $8224.75.
(C) W. J. Tobin, Oakland, $9158.
(D) R. B. McNair, Oakland, $9999.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 2.94	$ 2.95	$ 3.28	$ 4.00
(2)	2.65	2.60	2.46	3.30
(3)	1.10	2.20	2.00	2.70
(4)	1.00	2.10	1.80	2.30
(5)	80.00	90.00	175.00	75.00
(6)	50.00	72.00	165.00	75.00
(7)	30.00	12.00	30.00	30.00
(8)	55.00	75.00	80.00	70.00

Bids held under advisement.

33— WATER WORKS

PLANNED

PALO ALTO, Santa Clara Co., Cal.—The Board of Public Works will recommend to the City Council that application be filed with the WPA for federal aid in the construction of water mains in the Embarcadero Annex District. Estimated cost, $25,015.

The work will involve installation of 8,080 l.f. of 8- and 5,750 l.f. of 6-in. pipe, together with 21 double hydrants, 29 6-in. valves, 7 8-in. valves and miscellaneous fittings.

BIDS WANTED

SEATTLE, Wash.—Until March 10, 3 P. M., bids will be received by Water District No. 42, H. A. Cross, Secretary of the Board of Commissioners, for furnishing materials for distribution system, including about 249,595 feet of steel pipe, 1½- to 12-inches in size, and one 100,000 gallon storage tank; 442 gate valves, air valves, valve boxes, fittings, etc.

Plans obtainable from Engineers Park and Hill, 2021 Smith Tower, Seattle.

BOND ELECTION

WOODLAKE, Tulare Co., Calif.—Chairman D. B. Smith of the Woodlake Utility District announced that an election will be held early in April to vote bonds to finance construction of the first unit of a publicly-owned water system.

FUNDS RESCINDED

VICTORVILLE, San Bernardino Co. Cal.—The Federal Public Works Administration has rescinded a loan and grant of $59,000 to the city of Victorville for water construction because the city has not proceeded with construction.

34 — PARKS AND PLAYGROUNDS

BIDS WANTED

REDWOOD CITY, San Mateo Co., Cal.—Until March 4, 11 A. M., bids will be received by R. R. O'Connell, Jr., Postmaster, U. S. Post Office, Redwood City, for planting and seeding grounds.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until March 6, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1518, for furnishing 5,000 ft. of 4-in. cast iron water pipe for the Water Dept.

Specifications obtainable from above office.

SAN FRANCISCO.—Until March 9, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing filing cabinets for the Municipal Court Office.

Specifications and proposal forms may be obtained from above office.

Bids will be opened in Room 251, City Hall.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until March 12, 10 A. M., bids will be received by the Metropolitan Water District of Southern California, 306 W 3rd St., for furnishing miscellaneous items of iron and steel and other metal; Spec. No. 148. The work to be bid upon is divided into ten schedules. Schedule 1 provides for the furnishing of miscellaneous items of fabricated steel such as eyebars complete with anchor shoes, galvanized steel ladder rungs, black aand galvanized steel pipe, fabricated steel manholes complete including frame and cover, and miscellaneous bolts and nuts. Schedlue 2 consists of iron and steel castings. Schedules 3 to 6 inclusive, consist principally of cast-iron pipe and fittings, and include flanged pipe, bell and spigot pipe, flanged fittings and valves, bell and spigot fittings, gaskets bolts and nuts. Schedule 7 consists of cast-iron manhole frames and covers. Schedule 8 consists of miscellaneous items of fabricated steel such as galvanized steel ladder rungs, manhole covers and frames, wall plates for wasteway gates, and bar gratings, and also includes one vertical slide gate and a structural steel approach walkway for this gate. Schedule 9 provides for the furnishing of fabricated steel covers and frames for platform openings over siphon transitions. Schedule 10 provides for welded wire mesh, woven mesh, or expanded metal for gunite reinforcement.

NAVY DEPARTMENT

WASHINGTON, D. C—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

TUMBLER, laundry, and spares; Mare Island. Sch. 7295; March 10.

TESTER, hydraulic; Mare Island. Sch. 7291; March 10.

PIPE, 41,500 ft. seamless or welded steel, galvanized, Mare Island; 25,000 ft. do., East or West Yard. Sch. 7266; March 10.

WINCHES, two double drum, and spares; Mare Island. Sch. 7268; March 10.

MACHINES, 7 electrically - operated vegetable-peeling, and spares; Mare Island. Sch. 7282; March 13.

Information obtainable from the above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until March 2, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing miscellaneous full pressure creosoted Douglas fir or Southern pine poles under Spec. No. 7886, as follows:

(1) 90 only 35-ft. poles;
(2) 300 only 40-ft. poles;
(3) 120 only 50-ft. poles;
(4) 50 only 55-ft. poles;
(5) 35 only 65-ft. poles;
(6) 6 only 90-ft. poles.

Delivery fob cars or trucks, Los Angeles Harbor District.

LOS ANGELES COUNTY

PASADENA, Los Angeles Co., Cal. —Until March 5, 11 A. M., bids will be received by the Pasadena City Council, Bessie Chamberlain, city clerk, for furnishing transformers. Estimated cost, $30,000.

The items are:

(1) two rated 9000 kva., self-cooled, 12,000 kva. auxiliary air blast, three-phase, 60-cycle, oil - insulated, self-cooled, inert gas type, surge proof transformers of outdoor type; normal voltage 33,500 volts high side and 16,-500 volts low side.

(1a) (Alternate to Item No. 1)—bidder may submit a bid on manual remote control tap changing equipment with load ratio or selective switches within main transformer plant.

(2) (Alternative to Items Nos. 1 and 1a)—same as item No. 1, except external manually-operated; no load tap changing equipment.

ALAMEDA COUNTY

ALAMEDA, Alameda Co., Cal.—Until March 3, 9 A. M., bids will be received by the Alameda City Council, Sherman G. Blood, City Clerk, for furnishing underground valves and sprinkler heads for the Alameda Municipal Golf Course.

Specifications obtainable from the above office upon deposit of $10.

CANAL ZONE

PANAMA CANAL ZONE. — Until March 10, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, Panama Canal, Washington, D. C,, under Schedule No. 3126, for furnishing: Material for overhaul of Pacific Locks, Panama Canal, 1937: Rolled nickel-steel bars, manganese bronze bars, naval brass bars, carbon steel cover plates, structural steel bars, copper nickel-alloy stud bolts, steel machine bolts, copper - nickel - alloy nuts, brass bolts, brass cotter pins, brass nuts, cast-iron separators, copper - nickel - alloy separator bolts, naval brass washers, steel chains, steel shackles, steel shackle pins and washers, brass shackle pins and washers, structural carbon steel angles and bars, culvert bulkheads, rolled nickel - steel bearing plates, Vanadium cast-steel pintle bushings, cast bronze yoke pin bushings, rolled naval brass yoke pin eye bolts and keepers, rolled nickel-steel yoke pins, mild steel stud bolts and jacking bolts, mild steel sleeve nuts, seamless brass pipe, babbitt metal, rubber seals, rubber seal segments, rubber seal strips, rubber gaskets, asbestos gaskets and cup-shape leather packings.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until March 18, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., under Circular No. 7812, for the sale of the following equipment

(1) One steam crane, Class A whirler, portable, steam revolving, 10-ton capacity;
(2) One crane, P & H excavator, Type 208, construction clamshell and dragline.

Information obtainable from above office.

FORT MASON, Cal.—Until March 5, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-215, for furnishing 11,000 FBM Douglas Fir lumber, No. 2 common.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until March 4, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208 Post Office Bldg., Sacramento, under Bid No. 36-175, for furnishing hinges, cutter wheels, planes, ratchet bit brace, bolts and nuts, lock washers, shovels, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until Mar. 4, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut Col. L. B. Chambers, District Engineer, Rm. 280, Post Office Bldg., Sacramento, under Bid No. 36-174, for furnishing brass unions, elbows, and tees; galvanized pipe; iron nipples; gate valves flanges, miscellaneous fittings, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until Mar. 3, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut Col. L. B. Chambers, District Engineer, Rm. 280, Post Office Bldg., Sacramento, under Bid No. 36-173, for furnishing 102 ft. magnesia asbestos pipe covering; 20 lbs. semi-metallic packing; six lengths fire hose; 72 cone shaped packings; 50 lbs. flax packing; one piece leather belting, and one piece red fibre.

Delivery fob Rio Vista.

Specifications obtainable from above office.

FORT MASON, Cal.—Until March 11, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-225, for furnishing 750 paint and varnish brushes and 100 motor cleaning brushes.

Brushes are for shipment to the Department Quartermaster, Philippine Department, Manila, P. I.

Specifications obtainable from above office.

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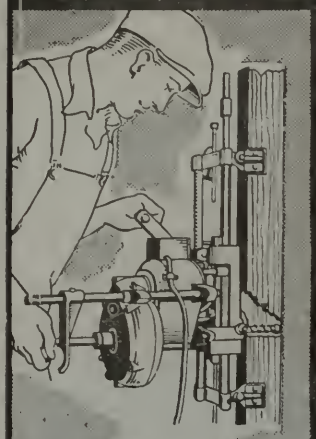
March 7, 1936

Vol. XIX--No. 10

WAPPAT Electric TOOLS



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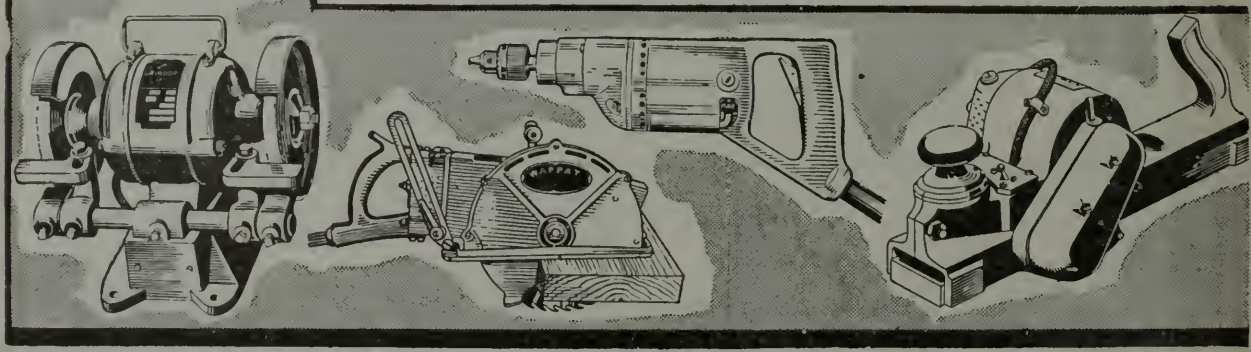

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Vol. XIX SAN FRANCISCO, CALIF., MARCH 7, 1936 No. 10

800,000 YARDS SAND PLACED IN FAIR FILL

Five Army Dredges Working; Contract Bids March 12

Approximately four per cent of the fill on the 385 acre site for the San Francisco Bay Exposition of 1939 on Yerba Buena shoals has been completed to date, according to Lieutenant Colonel J. A. Dorst, district engineer, who reports "satisfactory progress" in Army dredging operations at the site.

Of the 19,000,000 cubic yards of sand required for the fill, 800,000 cubic yards have been deposited by the four Army dredges Sacramento, McKenzie, San Pablo and Culebra. The Sacramento, McKenzie, and San Pablo, with a total capacity of 42,000 cubic yards a day, are working on a 24-hour schedule, while the Culebra is dividing its time between shoals work and other dredging.

A fifth Army dredge, the San Joaquin, a sister-ship of the Sacramento, is now being commissioned for service and will be used on the exposition site work, should conditions warrant.

A second pipe line has been installed for the suction dredge Sacramento to speed up operations. The Sacramento is dredging material from just south of the exposition site, while the other dredges are sea-going or hopper types which bring the material from more distant bay points.

An additional two-day postponement of the date for opening bids on the major portion of the work has been announced by the district engineer, bringing the new bid opening date to March 12. The postponement was made to allow contractors from distant points to figure the work, it is stated. Meanwhile, army dredges will coninue operations on the site until private contractors are at work.

This week's schedule calls for continuance of dredging operations, completion of an accurate survey of the fill to date, and the start of driving range piles to be used as fixed points for measurement of the fill.

BIDS APRIL 9 FOR TRACY P. O.

WASHINGTON, D. C., March 4.—New bids for constructing the Tracy Post Office will be received April 9, the Treasury Department, Procurement Division, announced today. The department has an appropriation of $67,000 for the project. The contract has been on the market once previously, the low bid being submitted by K. E. Parker Co., San Francisco, at $52,800.

California Mills Double Output Of Cement In Year

January production of finished Portland cement, as reported to the U. S. Bureau of Mines by California plants, was nearly double that of January last year, with shipments correspondingly increased.

California production last month totaled 909,000 barrels, as compared with 471,000 barrels in January, 1935. Shipments aggregated 942,000 barrels as compared with 482,000 barrels in January last year, according to the Bureau's statistics.

Total U. S. production of finished cement last month was 3,630,000 barrels, as compared with 3,202,000 barrels in January, 1935. U. S. plants as a whole reported a larger gain in shipments than in production, with total shipments for the month totaling 3,889,000 barrels, as compared with 2,846,000 barrels in January last year.

California clinker production last month was 794,000 barrels as compared with 560,000 barrels a year ago. Total U. S. production of clinker amounted to 3,666,000 barrels in January, 1936, as compared with 3,371,000 barrels in January, 1935.

IN NEW POSITION

Ernest Raesfeld has accepted a position with McPhail Brothers of San Rafael as manager of their building material department for Marin County. Mr. Raesfeld has been with Central Supply Company in their San Francisco office.

BIDS RECEIVED ON SOUTHERN HIGHWAY WORK

V. R. Dennis Low on $200,000 Imperial Grading Contract

LOS ANGELES, March 5.—Low bids on three contracts received here today by the State Division of Highways totalled $342,688, the largest project being in Imperial County, for which V. R. Dennis Co., San Diego, submitted a low bid of $209,844.

This contract is for grading 20.6 miles and constructing a bridge on the Calipatria-Imperial Road. R. E. Hazard & Sons, San Diego, were second low bidders at $212,810; Oswald Bros., Los Angeles, third, at $218,907.

C. F. Robbins, Glendale, was low bidder at $65,321 for grading and applying road - mix surface treatment on 2.8 miles in Ventura County between East Casitas Pass and Coyote Creek.

J. E. Haddock, Ltd., Pasadena, at $67,523 submitted the low bid for widening roadbed and laying a widening strip of portland cement concrete pavement on 4.9 miles in Ventura County, between Oxnard and Hueneme Road.

NAPA VOTING ON MUNICIPAL POWER

Voters of Napa will ballot May 4 on the question of municipal light and power ownership. The city council is placing the following question on the ballot at the regular municipal election that date: 'Do you favor municipal ownership of electric light and power for Napa"?

Upon the results the council will determine its policy toward acquisition of the local distributing system.

January sales of residential mechanical stokers numbered 2,065, as compared with 1,241 in January, 1935, and 660 in January, 1934, the Bureau of the Census reports.

HOME BUILDING . . REACHES 4-YR. PEAK IN S. F.

January - February Dwelling Valuation Equals 1934 Total

Building permits in San Francisco during February totaled $1,299,971, this figure including $659,480 for frames—the highest total for that class of work in 52 months

The month's permits were more than double the value of Feburary, 1935, the valuation of residential work alone last month exceeding the total for all classes of work in the corresponding month a year ago.

The rapid increase in residential building is indicated further by a comparison of the first two months of 1936 with previous periods in the last two years. Permits for frame building, most of which cover single-family dwellings, were valued at $1,099,400 in January and February this year, almost equaling the total of $1,110,734 reported for the entire year of 1934. The two-month frame construction total to date is nearly equal to that of the first five months of 1935.

The February permits for frames reached the highest total in any month since October 1931. The total was higher than in January this year by more than $200,000 and approximately four times that of January last year.

Awards for other classes of private work were relatively small last month. The total of public contracts was $286,106, principal item being the new shop building at George Washington High School, let to Meyer Construction Co. at $120,987.

Comparison of classified totals for February 1935 and 1936 follow:

February 1936

Class	No. of Permits	Est. Cost
B	1	$ 4,500
C	8	63,404
Frames	138	659,480
Alterations	394	286,481
Public	3	286,106
Total	544	$1,299,971

February 1935

Class	No. of Permits	Est. Cost
A	3	$ 11,000
B	1	3,000
C	6	12,450
Frames	45	164,050
Alterations	394	213,144
Public	1	203,978
Total	450	$607,622

BOTHWELL PRESIDENT SAN JOSE ENGINEERS

Deputy City Engineer Bruce Bothwell of San Jose last week was elected president of the San Jose Engineers' Club, it is reported. Other officers elected at the meeting are: Irving E. Chapman, vice-president; Robert V. Lotz, secretary-treasurer; and H. N. Bishop and Arthur A. Rae, directors.

BOULDER DAM IS COMPLETED

Boulder Dam was turned over to the U. S. Bureau of Reclamation on February 29 by Six Companies, Inc., as completed. There were no formal ceremonies. Frank T. Crowe, general superintendent for the contractors, delivered the project to Ralph Lowry, construction engineer for the Bureau. The completion date is just 12 days short of five years after the contract was let and more than two years ahead of the 2,565-day time limit. Completed cost of the dam is placed at $70,600,000 by the Bureau of Reclamation, of which approximately $51,950,000 was paid on the Six Companies contract. The bid price was $48,890,995.50 and payments were increased by changes and additions authorized after construction started.

Six Companies, Inc., was organized to bid on the dam contract from a group of the West's greatest contracting organizations. They were: Utah Const. Co., Salt Lake City; W. A. Bechtel Co. and Henry J. Kaiser, San Francisco; MacDonald and Kahn Co., San Francisco; J. F. Shea Company, Portland; Pacific Bridge Co., Portland; Morrison-Knudsen Co., Boise.

$3,375,000 WPA S. F. AIRPORT WORK PLANNED

Cahill Reports Officials Ready To Increase Allotment

Completion of the $3,375,000 program of enlargement and improvement of San Francisco's municipal airport by day - labor under the Works Progress Administration was forecast this week when Utilities Manager E. G. Cahill reported that officials with whom he talked in Washington favored the proposed additional WPA grant of $1,700,000 sought for the work.

Returning from the east, Mr. Cahill said all officials with whom he discussed the matter looked on the project with approval.

Additional funds which the Utilities Commission seeks from WPA will bring to completion the seaplane facilities now under construction at the airport as part of the current $1,675,000 WPA Mills Field program and will finance construction of hangars, shops and other buildings required to make the field meet modern transport requirements.

Final approval of the commission's application for funds, which has been forwarded to Washington will be up to State WPA Director Frank Y. McLaughlin, it is understood.

PREFERENCE TO LOCAL BIDDERS BANNED BY PWA

Administrator Rules Shop-Wage Ordinance Ineffective On Grant Projects

The Federal Public Works Administration does not approve local price differentials which tend to give preference to local bidders, according to an opinion by Major Philip B. Fleming, deputy PWA administrator, which last week was sent San Francisco city officials by State Director A. D. Wilder.

Maj. Fleming's opinion was sent to Chief Administrative Officer Alfred J. Cleary in connection with the effort of Pacific Manufacturing Co. of Santa Clara to prevent application of the city's prevailing wage ordinance to shop work done outside San Francisco. The firm has applied for a court order restraining city officials from declaring it an irresponsible bidder, and hearing is scheduled in the District Court of Appeals for March 9.

The opinion of Major Fleming is outlined in the following letter from R. W. Rigsby, executive assistant, which Wilder received nearly a year ago when questions arose concerning San Francisco school projects:

"My dear Mr Wilder:
Re: Docket No. 7942
San Francisco—Schools

"I have for acknowledgement your letter of March 12, addressed to Major Philip B. Fleming, in regard to certain restrictions proposed to be incorporated in construction contracts which would have the effect of giving preference to local suppliers in connection with the above project.

"Yesterday Major Fleming sent you the following telegram:

"Re your letter March 12 docket seven nine four two bidding on all contracts in connection with this project canot be limited to any extent and certainly not to local bidders only by special conditions.

"The Public Works Administration cannot permit the setting up of price differentials which would tend to give preference to local suppliers of materials. In other words, we insist upon free and open competition on all materials relating to contracts. The settling of wage rates that must be paid in mills which supply materials has the effect of giving a preference to those who are working under such conditions.

"You will, therefore, inform the borrower that these conditions must be eliminated from the contract."

New orders for steel boilers in January numbered 639, as compared with 595 in December and 329 in January, 1935, the Bureau of the Census reports.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
364	Farley	Owner	6000
365	Arata	Owner	1000
366	Lexington	Owner	4000
367	Lexington	Owner	4000
368	Johnson	Owner	2500
369	Stoneson	Owner	3500
370	Stoneson	Owner	3500
371	Stoneson	Owner	3500
372	Stoneson	Owner	3500
373	Stoneson	Owner	3500
374	Stoneson	Owner	3500
375	Meyer	Owner	3400
376	Rolkin	Irwin	1250
377	Debold	Owner	2500
378	Hartman	Callaghan	2000
379	Bays	Malloch	5000
380	McDonough	Owner	4000
381	McDonough	Owner	4000
382	Kestler	Welch	5100
383	Medus	Owner	4000
384	Cyriaci	Callaghan	1300
385	Werner	Mager	5500
386	Wells	Mullen	3000
387	Cook	Risu	3000
388	Johnson	Owner	3500
389	General	——	4000
390	Alfrus	Delucchi	1500
391	Eltiste	Carolan	1300
392	Larsen	Owner	3500
393	Hertzstein	Owner	1000
394	McCormick	Owner	4500
395	McCormick	Owner	4500
396	Costello	Owner	4000
397	Ruegg	Owner	4000
398	Anderson	Owner	4000
399	Stelling	——	3000
400	Levensaler	Mellon	2900
401	Bacigalupi	Owner	1250
402	Presbytery	Owner	5000

DWELLING
(364) NW MAGELLAN and Montalvo. One - story and basement frame dwelling.
Owner and Builder—Harold J. Farley, 1466 Eighth Avenue.
Architect—Not Given. $6,000

ALTERATIONS
(365) 536 GREEN ST. Alter flats.
Owner—C. Arata, premises.
Architect—Not Given.
Contractor — J. A. Porporato, 619 Washington St. $1,000

DWELLING
(366) E 20th AVE. 250 North Ortega. One - story and basement frame dwelling.
Owner & Builder—Lexington Co., 1631 21st Avenue.
Architect—Not Given. $4,000

DWELLING
(367) E 20th AVE. 275 North Ortega. One - story and basement frame dwelling.
Owner & Builder—Lexington Co., 1631 21st Avenue.
Architect—Not Given. $4,000

DWELLING
(368) NE MADISON and Pioche. One-story frame dwelling.
Owner and Builder — J. A. Johnson, 401 Excelsior.
Architect—Not Given. $2,500

DWELLING
(369) NW SHAWNEE 155 N Cayuga. One - story and basement frame dwelling.
Owner and Builder — Stoneson Bros., 1630 Ocean Avenue.
Architect—Not Given. $3,500

DWELLING
(370) NE SHAWNEE 91 SE Delano. One - story and basement frame dwelling.
Owner and Builder — Stoneson Bros., 1630 Ocean Avenue.
Architect—Not Given. $3,500

DWELLING
(371) NE SHAWNEE 41 SE Delano. One - story and basement frame dwelling.
Owner and Builder — Stoneson Bros., 1630 Ocean Avenue.
Architect—Not Given. $3,500

DWELLING
(372) NE SHAWNEE 116 SE Delano. One - story and basement frame dwelling.
Owner and Builder — Stoneson Bros., 1630 Ocean Avenue.
Architect—Not Given. $3,500

DWELLING
(373) NE SHAWNEE 141 SE Delano. One - story and basement frame dwelling.
Owner and Builder — Stoneson Bros., 1630 Ocean Avenue.
Architect—Not Given. $3,500

DWELLING
(374) NE SHAWNEE 66 SE Delano. One - story and basement frame dwelling.
Owner and Builder — Stoneson Bros., 1630 Ocean Avenue.
Architect—Not Given. $3,500

DWELLING
(375) SE JUANITA WAY 135 NW Fowler. One-story and basement frame dwelling.
Owner and Builder—Meyer Bros., 735 Portola Drive.
Architect—Not Given. $3,400

ALTERATIONS
(376) 840 VAN NESS AVENUE. Alter apartments.
Owner—Edward Rolkin, premises.
Architect—Not Given.
Contractor—J. J. Irwin, 1040 Oak St. $1,250

DWELLING
(377) NW NAPLES 175 SW Russia. One - story and basement frame dwelling.
Owner and Builder—Wm. Debold, 1307 Kansas Street.
Architect—Not Given. $2,500

ALTERATIONS
(378) 150 DEL MAR. Alter flats.
Owner—Ed Hartman, premises.
Architect—Not Given.
Contractor—Jack Callaghan, 900 Clayton Street. $2,000

STORE
(379) S HAIGHT ST. 75 W Shrader St. Two-story frame store and flats.
Owner—Marie Bays, 662 Cole St., San Francisco.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. $5000

DWELLING
(380) E TWENTY-SIXTH AVE 75 S Kirkham St. One-story and basement frame dwelling.
Owner—John J. McDonough, 1280 19th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(381) E TWENTY-SIXTH AVE 50 S Kirkham St. One-story and basement frame dwelling.
Owner—John J. McDonough, 1280 19th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(382) W BADEN ST. 100 S Monterey Blvd. One-story and basement frame dwelling
Owner—Geo. Kestler, 203 Bartlett St. San Francisco.
Architect — Edmund H. Denke, 1317 Hyde St., San Francisco.
Contractor—Felix E. Welch, 1130 Larkin St., San Francisco. $5100

DWELLING
(383) W TWENTY-FIRST AVE. 111 S Ocean Avenue. One-story and basement frame dwelling.
Owner—Bertrand Medus, 1651 Leavenworth St., San Francisco.
Architect—Not Given. $4000

REPAIRS
(384) NO. 675 O'FARRELL ST. Repair fire damage to apartments.
Owner—Mr. and Mrs. Cyriaci, 374 5th St., San Francisco.
Architect—Not Given.
Contractor—Jack Callaghan, 900 Clayton St., S. F. $1300

DWELLING
(385) E BEAUMONT ST. 132 N Turk St. Two - story and basement frame dwelling.
Owner — John A. Werner, 140 20th Ave., San Francisco.
Architect—Not Given.
Contractor—Mager Bros. & Son, 1730 12th Ave., San Francisco. $5500

ALTERATIONS
(386) NO. 222 POWELL ST. Alter store.
Owner — Wells Fargo Nevada Nat'l. Bank and Marie Marye, Trustee for Estate of Geo. T. Marye Jr., % Contractor.
Architect—Douglas Dacre Stone, 110 Sutter St., San Francisco.
Contractor — Mullen Mfg. Co., 60 Rausch St., S. F. $3000

DWELLING
(387) S TARAVAL ST. 52 E 16th Ave. Two-story frame store and dwelling.
Owner—W. R. Cook, 2071 19th Avenue, San Francisco.
Architect—Not Given.
Contractor—E. O. Risu, 528 Douglass St., San Francisco. $3000

DWELLING
(388) E EIGHTEENTH AVE 275 S Vicente St. One-story and basemet frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave. San Francisco.
Architect—Not Given. $3500

STATION
(389) SW TWENTY-FOURTH AVE and Geary St. One-story steel service station.
Owner — General Petroleum Corp. of Calif., 310 Sansome St., S. F.
Plans by Owner.
Contractor—Not Awarded. $4000

ALTERATIONS
(390) NO. 1332 FELL ST. Alter flats
Owner—John Alfrus, 517 Alvarado St., San Francisco.
Architect—Not Given.
Contractor—Richard Delucchi & Co., 3275 San Bruno Ave. $1500

ALTERATIONS
(391) NO. 535 TWENTY-EIGHTH Ave. Alter dwelling.
Owner—Louise M. Eltiste, 312 Eureka St., San Francisco.
Architect—Not Given.
Contractor—Joseph T. Carolan, 2539 27th Ave., San Francisco. $1300

DWELLING
(392) NE TWENTY-FIFTH AVE & York St. One-story and basement frame dwelling.
Owner — S. Larsen, 365 Ashton St., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(393) NO. 1940 WASHINGTON ST. Alter apartments.
Owner—J. R. Hertzstein, Premises.
Architect—Not Given. $1000

DWELLING
(394) E TWENTY-NINTH AVE. 25 N Kirkham St. One-story and basement frame dwelling.
Owner—Thos. McCormick, 73 Hill St., San Francisco.
Architect—Not Given. $4500

DWELLING
(395) NE TWENTY-NINTH AVE. & Kirkham St. One-story and basement frame dwelling.
Owner—Thos. McCormick, 73 Hill St., San Francisco.
Architect—Not Given. $4500

DWELLING
(396) W WILLARD ST. 125 N Turk St. One-story and basement frame dwelling.
Owner — Michael Costello, 821 34th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(397) W DESMOND ST. 236 S Visitacion. One-story and basement ment frame dwelling.
Owner—The Ruegg Co., 369 Pine St., San Francisco.
Architect—Not Given. $4000

DWELLING
(398) E THIRTY-SECOND AVE. 175 N Moraga St. One-story and basement frame dwelling.
Owner—Christian Anderson, 146 Granville Way, San Francisco.
Architect—Not Given. $4000

STORES
(399) SW TWENTY-FIFTH AVE. & Lawton St. One-story frame stores.
Owner—Martin Stelling Jr., 155 Montgomery St., San Francisco.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Contractor—Not Awarded. $3000

STATION
(400) SW SIXTEENTH AND GUERrero Sts. One-story frame service station.
Owner—J. A. Levensaler, 201 Sansome St., San Francisco.
Architect—R. C. Schuppert, 863 Wellington St., Oakland.
Contractor — B. Mellon, 589 Haddon Road, Oakland. $2900

ALTERATIONS
(401) NO. 2327 VAN NESS AVE. Alter apartments.
Owner—M. S. Bacigalupi, 2015 Stockton St., San Francisco.
Architect—Not Given. $1250

ALTERATIONS
(402) NO. 1776 ELLIS ST. Alter church.
Owner—Presbytery of San Francisco, 228 McAllister Street.
Architect—Not Given. $5000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
188	Cunningham	Fox	5300
189	Bernard	Sullivan	3800
190	Bank	Haskell	7500
191	McChesney	Owner	7900
192	Prentiss	Owner	4500
193	Lyon	Owner	7382
194	Smith	Booth	1500
195	Windsor	Windsor	8500
196	Caulfield	Owner	4000
197	Alameda	Dowling	4000
198	Johnson	Kane	3500
199	Robertson	Stead	2000
200	Johnson	Poston	1550
201	McEntyre	Nelson	5500
202	Hill	Campomenosi	10300
203	Babi	Owner	1000
204	ElDorado	Owner	4000
205	Pilinsky	Owner	6000
206	Franklin	Owner	6000
208	Oakland	Lynn	30000
209	Bravinder	Moore	9796
210	Scammell	Owner	5000
211	Scammell	Owner	5000
212	Board of Ed.	Owner	3975
213	Perkins	Fox	2400
214	Weller	Confer	3000
215	Chevrolet	Elec Prod	1750
216	Jepson	Beckett	7000
217	Michael	Bernard	9860
128	Johnson	Owner	5500
219	St. Marks	Owner	2400
220	Hanan	Anderson	9500
221	Woodburn	Woodburn	4000
222	Laughlin	Anderson	4500
223	Walker	Owner	5000

DWELLING
(188) NO. 2554 LEIMERT BLVD., **OAKLAND.** Two-story five-room dwelling.
Owner—L. Cunningham.
Architect—Not Given.
Contractor—Fox Bros., 1478 University Ave., Berkeley. $5300

DWELLING
(189) NO. 2707 BONA ST., **OAKLAND.** Two-story 5-room dwelling.
Owner—R. E. Bernard, 725 Warfield Ave., Oakland.
Architect—Not Given.
Contractor—Laurence C. Sullivan Co., 3909 Loma Vista Ave. $3800

DWELLING
(190) NO. 2701 DARNBY DRIVE, **OAKLAND.** Two-story 7-room dwelling.
Owner—Bank of America, 12th St. and Broadway, Oakland.
Architect—C. W. McCall, 1401 Franklin St., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway Ave., Oakland. $7500

APARTMENTS
(191) NO. 858 E-TWENTY-EIGHTH ST., **OAKLAND.** Two-story 16-room apartments and one-story garage.
Owner—W. E. McChesney, 1315 San Luis Ave., Oakland.
Architect— Not Given. $7900

DWELLING
(192) NO. 332 FLORENCE AVENUE, **OAKLAND.** Two-story six-room dwelling
Owner—J. Prentiss, 1737 6th Avenue, Oakland.
Architect—Not Given. $4500

DWELLING
(193) NO. 1950 CARTER ST., **OAKLAND.** Two-story 7-room dwlg.
Owner—C. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given. $7382

ALTERATIONS
(194) 508 BOULEVARD WAY, **PIEDMONT.** Alterations.
Owner—Arthur Smith, 508 Boulevard Way, Piedmont.
Architect—Not Given.
Contractor—B. S. Booth, 375 Euclid Ave., Piedmont. $1500

DWELLING
(195) 61 OAKMONT, **PIEDMONT.** Two-story 7-room dwelling and garage.
Owner—Martha Windsor, 928 Kingston Ave., Piedmont.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont. $8500

DWELLING
(196) 2849 SANTA CLARA Avenue, **ALAMEDA.** Two-story six-room stucco dwelling.
Owner and Builder—C. H. Caulfield, 1605 Pearl St., Alameda.
Architect—Not Given. $4,000

DWELLING
(197) 1823 CENTRAL AVE., **ALAMEDA.** Two-story six-room stucco dwelling.
Owner—Alameda Builders, 1361 Park St., Alameda.
Contractor—S. J. Dowling, 2800 Clay St., Alameda.
Architect—Not Given. $4,000

RESIDENCE
(198) NO. 2011 MARIN AVENUE, **BERKELEY.** One-story 4-room residence.
Owner—Mrs. C. R. Johnson, 1697 Hopkins St., Oakland.
Architect—Not Given.
Contractor—Harry E. Kane, 921 Ramona St., Albany. $3500

ALTERATIONS
(199) NO. 2041 CENTER ST., **BERKELEY.** Alterations.
Owner—Robertson, Premises.
Architect—Not Given.
Contractor — Frank A. Stead, 3206 Boise St., Berkeley. $2000

RESIDENCE
(200) NO. 917 VIRGINIA STREET, **BERKELEY.** One story 4-room residence.
Owner—Russel Johnson, 919 Virginia St., Berkeley.
Architect—Not Given.
Contractor—John Poston, 725 Virginia St., Berkeley. $1550

DWELLING
(201) NO. 3915 OAKMORE ROAD, **OAKLAND.** Two-story 7-room dwelling.
Owner — C. H. McEntyre, Financial Center Bldg., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor—H. Nelson, Financial Center Bldg., Oakland. $5500

STORE BLDG.
(202) NO. 3256-58-60 LAKESHORE Ave., **OAKLAND.** One-story concrete store building.
Owner—Clarence M. Hill, 858 Cleveland Ave., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — E. Compomenosi, 6401 Broadway, Ter., Oakland. $10,300

ALTERATIONS
(203) NO. 4918 TELEGRAPH AVE., **OAKLAND.** Alterations.
Owner—Babi & Tira, 4936 Telegraph Ave., Oakland.
Architect—Not Given. $1000

ADDITION
(204) FOOT OF ADELINE STREET, **OAKLAND.** Steel addition.
Owner—El Dorado Oil Works, Prem.
Architect—L. M. King, 3rd and University Ave., Berkeley. $4000

DWELLING
(205) NO. 1942 CARTER ST., **OAKLAND.** Two-story 6-room dwlg. owner, A. M. Pilinsky, 1545 Franklin St., Oakland.
Architect—Not Given. $6000

DWELLING
(206) NO. 6069 BUENA VISTA AVE., **OAKLAND.** Two-story six-room dwelling.
Owner—E. W. Franklin, 1014 Central Ave., Alameda.
Architect—Not Given. $6000

ALTERATIONS
(207) NO. 2236 TELEGRAPH AVE., **BERKELEY.** Alterations.
Owner—University of California Y. M. C. A., Berkeley.
Architect—Not Given.
Contractor—H. H. Porter, 8 Norwood Ave., Berkeley. $1000

HALL
(208) SE CHABOT ROAD AND PATton St., **OAKLAND.** One-story hall.
Owner—Oakland School District, 1025 2nd Ave., Oakland.
Architect — W. G. Corlett, 1025 2nd Ave., Oakland.
Contractor—Willis T. Lynn, 1037 Ashmount Ave., Oakland. $30,000

DWELLING
(209) NO. 32 ROSS CIRCLE, **OAKLAND.** Two-story 7-room dwlg.
Owner—B. H. Bravinder, Bank of America Bldg., Oakland.
Architect—Wm. E. Schirmer.
Contractor—John Moore Co., 354 Hobart Bldg., Oakland. $9796

DWELLING
(210) NO. 2527 CORDOVA STREET, **OAKLAND.** One-story six-room dwelling.
Owner—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5000

DWELLING
(211) NO. 2521 CASTELLO STREET, **OAKLAND.** One-stiry six-room dwelling.
Owner—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5000

ADDITION
(213) NO. 2301 GROVE STREET, **BERKELEY.** Addition to bleachers.
Owner—Board of Education, Durant and Milvia, Berkeley.
Architect—Not Given. $3975

RESIDENCE
(213) NO. 2717 DURANT AVENUE, **BERKELEY.** Two-story 4-room residence
Owner—Mrs. Dan Perkins, Premises.
Architect—Not Given.
Contractor—Fox Bros., 1178 University Ave., Berkeley. $2100

ADDITIONS
(214) NO. 65 DOMINGO STREET, **BERKELEY.** Additions
Owner—Dr. T. W. Weller
Architect—Not Given.
Contractor—F. W. Confer, 1328 Arch St., Berkeley. $3000

SIGN
(215) NO. 6901 FOOTHILL BLVD., **OAKLAND.** Roof sign.
Owner—Chevrolet Motor Co
Architect—Not Given.
Contractor — Elec. Prod. Corp., 950 30th St., Oakland. $1750

DWELLING
(216) NO. 5853 ST. PAUL COURT, **OAKLAND.** Two-story 7-room dwelling.
Owner—W. F. C. Jepsen, 1008 Fresno St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—A. T. Beckett, 315 14th St., Oakland. $7000

DWELLING
(217) NO. 46 MARR AVENUE, **OAKLAND.** One-story 7-room dwlg
Owner—Dr. Paul Michael, 3160 Richmond Blvd., Oakland.
Architect — Roger Blaine, Bank of America Bldg., Oakland.
Contractor—W. Vernon Bernard, 227 San Carlos St., El Cerrito. $9860

DWELLING
(218) NO. 3511 MOUNTAIN BLVD., **OAKLAND.** Two-story six-room dwelling.
Owner — O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given. $5500

CHURCH HALL
(219) NO. 5807 TELEGRAPH AVE., **OAKLAND.** One-story frame church hall.
Owner—St. Marks Church.
Architect—Not Given $2400

OFFICE BLDG.
(220) NO. 1170 FRUITVALE AVE., **OAKLAND.** One-story 11-room office building.
Owner—James T. Hanan, Berkeley.
Architect—F. T. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor — Geo. W. Anderson, 211 Hanover Ave., Oakland. $9500

DWELLING
(221) NO. 1820 YALE DRIVE, **ALAMEDA.** One-story 6-room stucco dwelling.
Owner—Hazel D. Woodburn, 579 Radnor Road, Oakland.
Architect—Not Given.
Contractor—R. C. Woodburn, 579 Radnor Road, Oakland. $1000

DWELLING
(222) NO. 3251 THOMPSON AVE., **ALAMEDA.** One-story six-room stucco dwelling.
Owner—Fred E. Laughlin, 1510 Fernside Blvd., Alameda.
Architect—Not Given.
Contractor — Walter H. Anderson, 1014 Doris Court, Alameda. $1500

DWELLING
(223) NO. 2865 SANTA CLARA AVE. **ALAMEDA.** Two-story 7-room stucco dwelling.
Owner—L. C. Walker, 2863 Santa Clara Ave., Alameda.
Architect—Not Given. $5000

BUILDING CONTRACTS

No.	Owner	Contractor	Amt.
25	Werner	Mager	6800

DWELLING
(25) BEAUMONT AVE., Lot 15 Blk 1137 Francisco Heights (E Beaumont 132 N Turk). One and one-half-story frame dwelling.
Owner—John H. and Marian L. Werner.
Architect—Oscar R. Thayer, 110 Sutter Street.
Contractor—Mager Bros. & Son, 1359 Fourth Avenue.
Filed, Feb. 27, '36. Dated, Feb. 26, '36.
When foundation is in... $ 300
When frame is up... 1625
When brown coated... 1625
When completed... 1625
Usual 35 days... 1625
TOTAL COST, $6800
Limit, 90 working days. Plans and Specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt
23	Michael	Bernard	9860
24	Michael	Doehring	396
25	Bravinder	Moore	9796
26	Laughlin	Anderson	4838
27	Hill	Campomenosi	10383
28	Hannon	Anderson	——

RESIDENCE
(23) LOT 3 BLK F. Montclair Estates. Residence.
Owner—Dr. Paul Michael, 3460 Richmond Blvd., Oakland.
Architect—Roger Blaine, 1212 Broadway, Oakland.
Contractor—W. Vernon Bernard, 227 San Carlos St., Berkeley.
Filed, Feb. 27, '36. Dated, Feb. 26, '36.
Frame completed... $2165
Brown coated... 2465
Completed... 2465
Usual 35 days... 2465
TOTAL COST, $9860
Limit, July 1, 1936. Plans and Spec. filed.

(24) PAINTING on above.
Contractor—C. J. Doehring, 3460 Richmond Blvd., Oakland.
Filed, Feb. 27, '36. Dated, Feb. 26, '36.
50% completed... $148.00
Completed... 148.00
Usual 35 days... 100.00
TOTAL COST, $396.00

DWELLING
(25) POR. PLOT 73, Map of Ranchos of Vincente & Domingo Peralta, Oakland. All work for two-story dwelling and garage.
Owner—B. H. Bravinder, 3129 Lewiston St., Oakland.
Architect—Wm. Edw. Schimrer, 1079 Excelsior Ave., Oakland.
Contracter—The J. J. Moore Co., 354 Hobart St., Oakland.
Filed Feb. 28, '36. Dated Feb. 28, '36.
Monthly payments on recepted vouchers...
TOTAL COST, $9796
Bond, none. Limit 120 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(26) LOT 17, Thompson Park Tract, Alameda. All work for residence.
Owner—Fred E. Laughlin, 1510 Fernside St., Alameda.
Architect—Not Given.
Contractor—Walter H. Anderson, 1014 Doris St., Alameda.
Filed Mar. 2, '36. Dated Feb. 18, '36.
Sub-floor on... $ 750
Roof on... 750
When plastered... 1000
When completed... 1250
Usual 35 days... 1088
TOTAL COST, $4838
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

STORE BLDG.
(27) PTN LOT 47, Lakeshore Park Heights, Oakland. One-story reinforced concrete store building.
Owner—Clarence M. Hill, 858 Cleveland St., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—E. S. Campomenosi, 6401 Broadway Terrace, Oakland.
Filed and Dated, March 3, 1936.
Forms built and reinforcing in place... $2595
Roof on, bldg. plastered... 2595
Completion... 2595
Usual 35 days... 2598
TOTAL COST $10,383
Bond, $10,230. Sureties, Royal Indemnity Co. Limit, 90 days. Plans and Spec. filed.

OFFICE BLDG.
(28) FRUITVALE AVE., Oakland One-story & basement frame and stucco office building.
Owner—Jas T. Hannon.
Architect—Francis H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—George W. Anderson, 211 Hanover Ave., Oakland.
Filed, March 3, '36. Dated Feb. 24, '36
Roof on... $3350.50
Plastered and mill work completed... 3350.50
Completed... 3350.50
31 days after completion... 3350.50
TOTAL COST, $——
Bond, $6700. Sureties, Maryland Casualty Co. Limit, April 18, 1936. Plans and Spec. filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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8.—Club Buildings
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12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

To Be Done By Day's Work
APARTMENTS Cost, $10,000
OAKLAND, Alameda Co., Calif. 858 E 28th Street.
Two-story frame and stucco apartment building (16 rooms).
Owner and Builder—W. E. McChesney, 1315 San Luis Ave., Oakland.
Architect—Not Given.

Plans Being Prepared.
APARTMENTS Cost, $60,000
SAN FRANCISCO. E Divisadero St., bet. Jefferson and Marina Blvd.
Three-story and basement apartment building (frame and stucco construction with steel and concrete basement) 12, four-room apts.) elevator, steam heating system, hardwood floors, stall showers, etc.
Owner & Builder—Ben Liebman, 1555 Francisco St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Sub-bids will be asked in about 2 weeks.

Plans Being Prepared.
APARTMENTS Cost, $60,000
SAN FRANCISCO. SW Jefferson and Broderick Streets.
Three-story and basement apartment building (frame and stucco construction, steel and concrete basement) 12 4-room & 6 2-room apts. elevator, steam heating system, hardwood floors, stall showers, etc
Owner & Builder—Ben Liebman, 1555 Francisco St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Sub-bids will be asked in 1 week.

To Ask Structural Steel Bids.
APARTMENTS Cost, $125,000
SAN FRANCISCO. South Line Jackson St. 90 W Laguna St.
Seven-story steel frame and reinforced concrete apartment building (28 4-room apts.) colored tile baths, stall showers; hardwood floors, tar and gravel roof, steam heating plant.
Owner and Builder—A. Penziner, 750 Taylor St., San Francisco.
Architect — E. H. Denke, 1317 Hyde St., San Francisco.
Structural steel bids will be asked within two weeks.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 840 Van Ness Ave.
Alterations to apartments.
Owner—Edward Rolkin, premises.
Architect—Not Given.
Contractor—J. J. Irwin, 1040 Oak St.

Bids Being Taken.
DUPLEX APTS. Cost, $——
SAN FRANCISCO. Telegraph Hill.
Three-story and basement steel and wood duplex apartments (plaster exterior, steel sash, composition roofing, etc.)
Owner—Withheld.
Architect — Gardner A. Dailey, 210 Post St., San Francisco.
Sub-bids are being received by the architect.

Contract Awarded
REPAIR APTS. Cost, $1,500
SAN FRANCISCO. 675 O'Farrell St.
Repair fire damage to apartments.
Owner—Mr. and Mrs. Cyriaci, 374 5th Street.
Architect—Not Given.
Contractor—Jack Callaghan, 900 Clayton Street.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 1940 Washington Street.
Alterations to apartments.
Owner—J. R. Hertzstein, Premises.
Architect—Not Given.

Contract Awarded
APARTMENTS Cost, $25,000
SANTA CRUZ, Santa Cruz Co., Cal. East Cliff Drive between First and Second Avenues.
Two-story frame and stucco apartment building (five 4-room apts.) tile roof, gas floor furnaces, automatic hot water heaters, private garages, etc.
Owner—J. D. Wagner, 34 Atlantic Avenue, Santa Cruz.
Plans by Lee Esty, care owner.
Contractor—J. R. McGranahan, 229 Pacific Ave., Santa Cruz.

Contract Awarded.
ADDITION Cost, $5000
OAKLAND, Alameda Co., Cal. No. 4806-08 Telegraph Avenue.
Addition to apartment building.
Owner—J. Milanese, 4800 Telegraph Ave., Oakland.
Architect—Not Given.
Contractor—Oscar Soder, 841 Arlington St., Oakland.

3— CHURCHES

Contract Awarded.
ALTERATIONS Cont. Price, $4375
HEALDSBURG, Sonoma Co., Calif.
Alterations to church building.
Owner—Presbyterian Church, Healdsburg.
Architect—J. I. Easterly, Healdsburg and Santa Rosa.
Contractor—Heitz & Witter, Healdsburg.

Contract Awarded
CHURCH Cost, $4,000
CROCKETT, Contra Costa Co., Calif.
One-story frame church building.
Owner—St. Mark's Episcopal Church.
Architect—W. C. Ambrose, 224 Kearny St., San Francisco.
Contractor—Zaballos Bros., Crockett.

To Be Done By Day's Work.
ALTERATIONS Cost, $6000
SAN FRANCISCO. No. 1776 Ellis Street.
Alterations to church building.
Owner—Presbyterian Church of San Francisco, 228 McAllister St.
Architect—Not Given.

4— FACTORIES & WAREHOUSES

CONTRACT AWARDED
LOS ANGELES, Calif.—Austin Co., 777 East Washington Blvd., awarded contract for complete construction of two new factory buildings at the corner of East 26th St. and Indiana Ave. for the Federated Metals Corp., 2425 Hunter St. Plans were prepared by the owner's engineering department. One of the buildings will cover an area of 80x140 feet and the other an area of 80x240 feet; reinforced concrete walls, concrete floors, steel sash, steel columns, steel roof trusses, corrugated iron roofing, etc.

Contract Awarded
ALTERATIONS Cost, $3,500
SAN JOSE, Santa Clara Co., Calif. 302 E Santa Clara Street.
Alterations to creamery.
Owner—Crystal Creamery, premises.
Architect—Not Given.
Contractor—Bert Ward & Son, 1017 Fairview Ave., San Jose.

Planned
SERVICE STATION Cost, $6,000
PETALUMA, Sonoma Co., Cal. Main and Kent Streets.
New super service station.
Owner—L. B. Hammell, Petaluma.
Plans by Engineering Dept. of Lessee.
Lessee—Richfield Oil Co., 248 Battery St., San Francisco.

Contracts Awarded
DISTRIBUTING PLANT Cost, $12,000
SOUTH VALLEJO, Solano Co., Calif.
One - story distributing plant (steel building with storage tanks).
Owner—Shell Oil Co., 315 Derby St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—Henry Finnigan, 1714 16th St., Sacramento.
Tanks—Steel Tank & Pipe Co., 1100 Fourth St., Berkeley.

PREPARING WORKING DRAWINGS
SAN DIEGO, Cal. — Edward Cray Taylor and Ellis Wing Taylor, architects and engineers, 803 W. Third St., Los Angeles, will start the preparation of working drawings immediately for additions to the manufacturing plant at 3302 Atlantic St., San Diego, for Consolidated Aaircraft Corp. New units will consist of an L-shaped addition to northeast side of plant, 450x 100 feet, with a wing 100x200 feet and a mezzanine floor 100x100 feet; an addition, 50x200 feet, to the west side of the plant; and three small detached buildings, one 50x200 feet and the other two each 50x40 feet. Plans are under way for a larage manufacturing and engineering building to be erected on the site

Contract Awarded
WAREHOUSE Cost, $3,000
STOCKTON, San Joaquin Co., Calif. 445 S San Joaquin Street.
One-story frame and corrugated iron warehouse.
Owner—R. E. Fraser Co., Stockton.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Contractor—Geo. Roek, 830 N Pacific Ave., Stockton.

CONTRACT AWARDED
LOS ANGELES, Cal.—Kress House Moving Co., 807 California St., Los Angeles, awarded contract by Los Angeles Harbor Department at $40,-345 (subject to PWA approval), for

dismantling and relocating municipal transit shed facility at Berth 155, Los Angeles Harbor, under Specification No. 948; PWA Docket No. 1210. Wm. P. Neil Co., 4671 E. 49th St., was awarded contract at $6000 (subject to PWA approval) for relocating sprinkler tank and tower.

PREPARING SKETCHES

DUARTE, Los Angeles County, Cal. Architect R. M. Finlayson, 108 E. Colorado Blvd., Monrovia, is preparing sketches for a new packing plant to be built on Fish Canyon Road, east of Duarte, for the Durate Foothill Citrus Assn., to replace the building destroyed by fire the latter part of January. Cost, $55,000. It is expected that the pre-cooling machinery can be salvaged.

To Be Done By Day's Work

LABORATORY Cost, $4,000
OAKLAND, Alameda Co., Calif. Foot of Adeline Street.
One - story laboratory building (steel trusses, concrete floors, corrugated iron sheathing and wood interior, etc.)
Owner—El Dorado Oil Co., premises.
Engineer—Lochiel M. King, Third and University Ave., Berkeley.
Work will be done by owner's own forces.

Bids Opened

SHED EXTENSION Cost, $85,000
OAKLAND, Alameda Co., Calif. Outer Harbor.
Structural steel frame for extension to Transit Shed No. 2 (270-ft. northerly extension) steel and concrete construction.
Owner — City of Oakland Port Commission.
Plans by Engineering Dept. of Owner
Low Bidder—Herrick Iron W'ks, 1729 Campbell St., Oakland.
Complete bids follow:
Herrick Iron Works, Oakland....$15,240
Minneapolis Steel & Mchy. Co., San Francisco 15,491
Bethlehem Steel Co., S. F..... 16,520
Moore Drydock Co., Oakland..... 16,600
Judson Pacific Co., Oakland..... 17,110
Steel Const. Co., San Francisco.. 17,900
Bids held under advisement.

BIDS OPENED

MOJAVE, Kern Co., Calif.—Joseph Malser, 1241 W 97th St., Los Angeles, submitted low bid to D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, 207 S. Broadway, Los Angeles, at $18,800 for two-story warehouse and office building to be erected on the department's property at Mojave. Specifications No. X-12. The other bids were: J. R. Lippincott, $19,290; Myers Brothers, $19,518; DeCamp-Hudson Co., $20,950; Harman & Co., $21,977; Eser Wikholm, $22,086; Frank Schoenrock, $22,219; Ray J. Daum, $22,800; George Hess, $22,887; Stanton-Reed Co., $24,485; C. Bonglovanni Const. Co., $25,555; L. F. Dow Co., $26,461. The building will be of reinforced concrete construction, 46x64 ft. in area; composition covered, reinforced concrete slab roof, steel sash, metal doors, cement floor finish, hollow tile partitions, plumbing work, electric wiring, tile toilets, linoleum, coal burning heaters, flood light, traveling steel ladder, plastering, etc. Bids held under advisement.

5— FLATS

To Be Done By Day's Work.

ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 809 Van Ness Ave. South.
Alterations to flats.
Owner—G. Bonos and P. Georgealos. Premises.
Architect—Not Given.

To Be Done By Day's Work.

ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 536 Green Street.
Alterations to flats.
Owner—C. Arata, Premises.
Architect—J. A. Porporato, 619 Washington St., San Francisco.

Contract Awarded.

ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 150 Del Mar.
Alterations to flats.
Owner—Ed. Hardman, Premises.
Architect—Not Given.
Contractor—Jack Callaghan, 900 Clayton St., San Francisco.

Owner Taking Bids.

FLATS Cost, $7500
SAN FRANCISCO.
Two-story and basement frame and stucco flats (one 3-room and one 4-room flat) composition roofing, gas heating system, steel & wood sash, hardwood floors, tile baths.
Owner—A. O. Graalfs, 431 Third Ave., San Francisco.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.
Bids are being received by the owner on a general contract.

Contract Awarded.

ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 1332 Fell St.
Alterations to flats.
Owner—John Alfrus, 547 Alvarado St., San Francisco.
Architect—Not Given.
Contractor—Richard Delucchi & Co., 3275 San Bruno Ave., S. F.

6—GARAGES & SERVICE STATIONS

Sub-Contracts Awarded

ADDITION Cost, $20,000
OAKLAND, Alameda Co., Calif. 2601 Adeline Street.
One-story concrete garage addition.
Owner—Kraft - Phenix Cheese Corp., 962 Battery St., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Lumber—J. H. McCallum, Bryant and and Oak Grove Sts., Oakland.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave., San Francisco.
Other awards will be made shortly.

Plans Being Figured.

SERVICE STATION Cost, $——
VALLEJO, Solano Co., Calif. NE Marin and Capitol Streets.
Steel service station.
Owner—Shell Oil Co., Shell Building, San Francisco.
Plans by Engineering Dept. of Owner

Plans Being Prepared.

GARAGE Cost, $14,000
SEBASTOPOL, Sonoma Co., Calif.
One-story reinforced concrete garage at High School.
Owner—Analy Union High School District.
Architect—Louis Stone and Henry C. Smith, Humboldt Bank Bldg., San Francisco.
PWA approved additional grant to finance structure.

Contract Awarded

GARAGE Cost, $25,000
PALO ALTO, Santa Clara Co., Calif. 146 Forest Avenue.
One - story reinforced concrete public garage, sales and service building (105x115-feet).
Owner—J. S. Stephens, Jr., 550 Melville Ave., Palo Alto.
Architect—Birge and David Clark, 310 University Ave., Palo Alto.
Lessee — Chevrolet Dealer (Ray Atwater) Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Plans Being Prepared.

GARAGE Cost, $31,000
BAKERSFIELD, Kern Co., Calif.
One-story steel and concrete bus garage building (concrete floors, galvanized iron roof, etc.)
Owner—Kern County Union High School District.
Architect—Chas. H. Bigger, Haberfelde Bldg., Bakersfield.
Application filed with the WPA.

Contract Awarded

ALTERATIONS Cost, $2,000
BERKELEY, Alameda Co., Calif. 2041 Center Street.
New front for garage building.
Owner—F. E. Robertson, 2041 Center Street, Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—F. A. Stead, 3206 Bolse St., Berkeley.

Planned

SERVICE STATION Cost, $8,000
PASO ROBLES, San Luis Obispo Co.
Super service station.
Owner—The Texas Co., 929 S. Broadway, Los Angeles.
Plans by Engineering Dept. of Owner.

Plans Being Prepared.

SERVICE STATION Cost, $——
SAN MATEO, San Mateo Co., Calif. SE "B" St. and First Ave.
New service station.
Owner—Gilmore Oil Co., 3rd and 18th Sts., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded

SERVICE STATION Cost, $1,850
REEDLEY, Fresno Co., Calif.
Service station.
Owner—Signal Oil Company.
Plans by Engineering Dept. of Owner
Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

Plans Completed.

SERVICE STATION Cost, $6000
SAN FRANCISCO. SW 24th Avenue and Geary Street.
One-story steel service station.
Owner—General Petroleum Corp. of California, 310 Sansome St., San Francisco.
Plans by Engineering Dept. of Owner.

Planned

SERVICE STATION Cost, $6,000
ALAMEDA, Alameda Co., Calif. 1801 Central Avenue.
One-story steel service station.
Owner—H. D. Wise, Oakland.
Plans by Engineering Dept. of Owner
Lessee—Richfield Oil Co., Petroleum and Ferry Sts., Oakland.

Contract Awarded.

STATION Cost, $3500
SAN FRANCISCO. SW Sixteenth & Guerrero Streets.
One-story frame service station.
Owner—J. A. Levensaler, 201 Sansome St., San Francisco.
Architect—R. C. Schuppert, 863 Wellington St., Oakland.
Contractor — B. Mellon, 589 Haddon Road, Oakland.

Planned.

SERVICE STATION Cost, $——
RICHMOND, Contra Costa Co., Calif. Twenty-second St. and Macdonald Avenue.
New service station
Owner — A. Kastelic (Civic Center Tire & Battery Co.), Richmond.
Architect—Not Given.

7— FEDERAL BUILDINGS

BIDS WANTED

SAN FRANCISCO.—Until March 20, 2 P. M., bids will be received by Fred

A. Roemer, Construction Engineer, Federal Office Bldg., San Francisco, for construction of dark room equipment at the Federal Office Building in San Francisco.

Plans and specifications may be obtained from above office. *

Low Bidders

INSPECTION STATION Cost, $——
SASABE, Arizona.
U. S. Inspection Station.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—W. Pearce, 220 W 42nd St., New York, $16,450.

Second low bid was submitted by the Dean Const. Co., Minneapolis, at $23,330, and John Seymour, Tucson, at $24,560 was third low.

CONTRACT AWARDED

POINT MONTARA, San Mateo Co., Cal.—Underground Const. Co., Rte. 1, Box 756, Berkeley, awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., for remodeling an existing coal shed for an auxiliary power plant, by installing door, window, concrete machine foundations, fireproofing the interior, installing gasoline tank, piping, pole, electric wiring, switches, underground cables with connections to buildings, and the provision and installation of a hot water circulating pump in dormitory at the U. S. Naval Direction Finder Station, Point Montara. Spec. No. 8108. *

LOW BIDDER

TUCSON, Ariz.—E. A. Dow, Tucson at $22,650 submitted low bid to Veterans' Administration for construction of alterations and additions to Administration Building No. 1, at the Veterans' Administration Facility at Tucson.

Work will include reinforced concrete, hollow tile, brick work, waterproofing, marble work, floor and wall tile, linoleum floors, iron work, steel sash, steel stairs, tile roofing, metal lathing, plastering, acoustical treatment, carpentry, insect screens, glazing, painting, hardware, plumbing, heating, electrical work, outside service connections, etc.

Plans and specifications may be obtained from above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit required. *

CONTRACT AWARDED

NOGALES, Ariz.—Western Wire & Iron Works, Chicago, at $385 awarded contract by Treasury Department for furnishing pipe rails, gates and window grilles for the U. S. Inspection Station at Nogales.

CONTRACT AWARDED

LONG BEACH, Calif. — Arthur M. Gelden Co., Chicago, at $1,132 awarded contract by Treasury Department for painting plaster, etc., in the Long Beach Post Office.

CONTRACT AWARDED

LONG BEACH, Cal.—A. M. Golden, 1240 N. Wells St., Chicago, awarded contract by Procurement Division, at $1132, for painting plaster in the upper stories of the U. S. post office building in Long Beach.

New Bids Wanted—To Close April 9, 1 P. M.

POST OFFICE Cost, $67,000
TRACY, San Joaquin Co., Calif.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Plans and specifications may be obtained from above office.

On previous bid opening lowest bid was submitted by K. E. Parker Co., 135 South Park, San Francisco, at $52-800.00.

8— CLUB BUILDING

Planned.

LODGE BLDG. Cost, $7000
GRASS VALLEY, Nevada Co., Calif
Memorial Park.
One-story frame boy scout lodge (48x 30 feet) assembly hall, 47x29 ft.; fireplace, kitchen, lavartory and scout executive room
Owner—Boy Scouts of America.
Architect—Not Given

Application filed with the WPA to finance building.

Planned

CLUBHOUSE Cost, $20,000
PASATIEMPO, Santa Cruz Co., Calif.
One-story frame and stucco clubhouse (living and dining room, 75 lockers, etc.) Spanish style.
Owner—Marion Hollins, Pasatiempo.
Architect—Clarence Tantau, 210 Post St., San Francisco.

9— HOSPITALS

BIDS OPENED

SAN FRANCISCO.—W. G. Thompson, 336 Church Street, at $2,535 submitted low bid to Custodian, U. S. Marine Hospital, 14th Ave. and Lake St., for interior and exterior painting of buildings at the Marine Hospital Work includes certain interior painting of main Bldg. No. 1 and exterior painting of Bldgs. Nos. 1, 6, 7, 9, 10 and 16.

Complete bids follow:

W. G. Thompson, San Francisco, $2-535; 90 days.

D. Zelinsky, San Francisco, $2,855; 30 days.

John D. Exley Co., San Francisco, $3,238; 90 days.

Lee Dixon Painting Co., San Francisco, $3,277; 90 days.

Arthur M. Gelden, Chicago, $3,423; 90 days.

R. P. Paoli, San Francisco, $3,437; 60 days.

Patterson Bros., Oakland, $3,540; 75 days.

C. E. Gordon Co., San Francisco, $3,947; 90 days.

Cramer Bros., San Francisco, $4,-360; 90 days.

American Building Maintenance Co San Francisco, $4,389; 75 days.

Bids were referred to Washington for award.

Planned.

HOSPITAL Cost, $20,000
COALINGA, Fresno Co., Calif.
One-story hollow tile fireproof hospital (15-18 beds).
Owner—Pleasant Valley Hospital Association.

Board of Directors is composed of: Hans R. Sumpf, chairman; F. J. McCollum, vice-chairman; V. D. Davis, treasurer; W. H. Grant, A. W. West, Arthur Blank and Phil Babel.

Loran C. Vanderlip, secretary and V. D. Davis chairman of solicitation and finance.

Plans Being Completed

HOSPITAL Cost, $75,000
CHICO, Butte Co., Calif. Esplanade bet. Fifth and Sixth Avenues.
One-story reinforced concrete hospital (50-bed capacity) tile roof, steam heating system, etc.; laboratory, surgery rooms, X-ray rooms and resident physician's offices.
Owner—Dr. N. T. Enloe.
Architect—Chester Cole, Chico.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Mechanical Engineer—W. Coddington, San Francisco. *

Preparing Preliminary Working Drawings.

ADDITION Cost, $60,000
WEIMAR, Placer Co., Calif.
Addition to tubercular sanatorium.
Owner—Weimar Joint Sanatorium.
Architect — Harry Devine, Cronan Bldg., Sacramento. *

11—ICE AND COLD STORPLANTS

CONTRACT AWARDED

UPLAND, San Bernardino Co., Cal. —A. Kaiser, Second and D Sts., Brawley, awarded general contract for erection of a dry ice manufacturing plant in Niland for the National Dry Ice Corp.; W E Morse, president, 122½ S. Vermont Ave., Los Angeles. Gay Engineering Corp., 2650 Santa Fe Ave., Los Angeles, has been awarded a contract for spray towers and machinery. Plans prepared by owner's engineering department. Construction will start immediately.

12— POWER PLANTS

Construction Started.

ALTERATIONS, ETC. Cost, $——
SUSANVILLE, Lassen Co., Calif
Alterations and additions to power plant and mill.
Owner — Lassen Lumber & Box Co., Susanville.
Engineer—Hunt Mirk & Co., Inc., 141 Second St., San Francisco.
Contractor—Hunt Mirk & Co., Inc., 141 Second St., San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contracts Awarded

ADDITION Cost, $30,000
ROSEVILLE, Placer Co., Calif.
Alterations and additions to City Hall (construct new wing and remodel present building).
Owner—City of Roseville.
Architect—Charles F. Dean, California State Life Bldtg., Sacramento.
Mgr. of Const.—C. W. Wilke, Roseville.
Millwork—Diamond Match Co., $137.26
Plumbing Fixtures—Crane Co., $160.99
Wiring—Berry Electric Co., $70.00.
Steel Sash—Diamond Match Company $167.98.
Steel and Iron Work—Sterling Lumber Co., $600.00.
Roofing—Frank Jordan, $175.00.
Glass & Glazing—Diamond Match Co., $37.12.

Material Bids Wanted—To Close Mar. 9th.

ALTERATIONS Cost, $——
MARTINEZ, Contra Costa Co., Calif.
Installation of vault and alterations of basement offices in County Courthouse (electrical work, etc.)
Owner—County of Contra Costa.
Plans by County Engineer, Martinez.

Bids will be asked by County Purchasing Agent, J. H. Morrow.

Installation will be done by WPA labor.

Commissioned To Prepare Plans.

ARMORY Cost, $75,000
TURLOCK, Stanislaus Co., Calif.
New armory.
Owner—City of Turlock .
Architect—S. Chas. Lee, Los Angeles and 25 Taylor St., San Francisco.

TO SURVEY SITE

LOS ANGELES, Cal.—Los Angeles county supervisors March 2 ordered the county surveyor to make a survey of the site and the county mechanical engineer and chief engineer of the county planning commission to prepare tentative studies of the proposed new county courts building, preliminary to calling an architec-

tural competition for the design of the structure. A, $4,000,000 bond issue will be submitted at the May 5 primaries to provide part of the funds, the rest of the financing to come from an expected PWA grant. Total cost of project, including several branch office buildings in other parts of the county, is $7,000,000.

Planned.
ADDITIONS Cost, $——
PALO ALTO, Santa Clara Co., Calif.
Alterations and additions to City Hall
Owner—City of Palo Alto.
Architect—Henry Collins, Decker Oak Bldg., Palo Alto.

Bids Wanted—To Close March 23, 11 A. M.
ADDITION Cost, $9000
STOCKTON, San Joaquin Co., Calif. Channel and San Joaquin Streets.
Reinforced concrete addition to county jail (to accommodate 75); steel doors, Fenestra steel resisting or Soule steel windows, etc.
Owner—County of San Joaquin.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
Plans and specifications may be obtained from the architect upon deposit of $10.

CONTRACT AWARDED
SAN JOSE, Santa Clara Co., Calif. —Fred E. Turner Co., 557 Market St., San Francisco, at $10,275 awarded contract by San Jose City Council for furnishing and installing stage equipment in the San Jose Auditorium building, located at Market and San Carlos Streets, San Jose.
Binder & Curtis, 35 W. San Carlos St., San Joste, Architect.

Construction Started
CITY HALL Cost, $14,000
SEBASTOPOL, Sonoma Co., Calif.
One-story reinforced concrete city hall (49x60-feet).
Owner—City of Sebastopol.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Project being financed with WPA funds.

Planned.
ARMORY Cost, $67,000
GILROY, Santa Clara Co., Calif.
Two-story armory (117x142 feet) drill hall, 80x100 feet; dressing rooms, club rooms, caretaker's quarters, locker rooms, kitchen, rifle range room, etc.
Owner—City of Gilroy.
Architect—S. Chas. Lee, 25 Taylor St. San Francisco.
Project has been approved by WPA. The city will vote in the near future on a proposal to issue bonds in the amount of $14,000, the City's share of the costs.
Further details will be announced shortly.

BONDS VOTED
CARMEL, Monterey Co., Cal.—City of Carmel voted bonds in the amoun of $12,000 March 3. Proceeds to assist financing construction of a two-story reinforced concrete fire station on Sixth Ave., between Mission and San Carlos Sts., Carmel.
Plans prepared by Architect Milton Latham, P. O. Box 1257, Carmel.
Project has been approved by the WPA.

Plans Completed.
ALTERATIONS Cost, $25,000
SAN JOSE, Santa Clara Co., Calif. Market Street.
Alterations to old Post Office for City Library.
Owner—City of San Jose.
Architect—Ralph Wyckoff, San Jose First National Bank Bldg., San Jose.
Application filed with the WPA.

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $5,000
PALO ALTO, Santa Clara Co., Calif. 965 Lincoln Avenue.
One - story and basement frame and stucco residence.
Owner—Gus Meister, 921 Lincoln Ave. Palo Alto.
Architect—Not Given.
Contractor—Meister & Tuisk, 921 Lincoln Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Calif. 534 Santa Rita Avenue.
Two-story frame and stucco residence
Owner—R. L. Richard, 530 Oberlin St., Palo Alto.
Architect—Not Given.
Contractor—W. F. Klay, 364 Poe St., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $9700
OAKLAND, Alameda Co., Cal. Ross Circle.
Two-story and basement all wood residence (8 rooms and 3 baths) shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—B. H. Bravinder, Oakland.
Architect—W. E. Schirmer, 910 Bank of America Bldg., Oakland.
Contractor—John Moore, 354 Hobert St., Oakland.

Contract Awarded
RESIDENCE Cost, $5,500
ALAMEDA, Alameda Co., Calif. 1823 Central Avenue.
Two-story frame and stucco residence (six rooms).
Owner—Alameda Builders, 1361 Park Street, Alameda.
Architect—Not Given.
Contractor—S. J. Dowling, 2800 Clay Street, Alameda.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
ALAMEDA, Alameda Co., Calif. 2849 Santa Clara Avenue.
Two - story and basement frame and stucco residence (6 rooms).
Owner and Builder—C. H. Caulfield, 1605 Pearl St., Alameda.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Calif. 61 Oakmont Avenue.
Two - story and basement frame and stucco residence (7 rooms).
Owner—Martha Windsor, 928 Kingston Ave., Piedmont.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.

Contract Awarded
ALTERATIONS Cost, $2,000
PIEDMONT, Alameda Co., Calif. 508 Boulevard Way.
Alterations to residence.
Owner—Arthur Smith, 508 Boulevard Way, Piedmont.
Architect—Not Given.
Contractor—B. S. Booth, 375 Euclid Ave., Piedmont.

Sub-Bids Being Taken.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. Thirtieth Ave. & Vicente Street.
Three one-story and basement frame and stucco residences (5 rooms each) tile and composition roofing, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Henry Horn.
Architect—D. E. Jackie, 126 Post St., San Francisco.
Contractor—G. W. Morris, 730 Athens St., San Francisco.

Owner Taking Bids
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif.
One-story and basement frame and stucco residence (6 rooms).
Owner—Borchers Bros., 369 No. 1st St., San Jose.
Architect—Binder & Curtis, 35 W San Carlos St., San Jose.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. Shawnee and Cayuga Streets.
Six one-story and basement frame and stucco residences.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., San Francisco.

Low Bidder.
RESIDENCE Cost, $——
ROSS, Marin Co., Cal. Del Mesa Tct.
Two-story and basement frame and stucco residence (7 rooms and 3 baths).
Owner—Mr. Zeff.
Architect—W. W. Wurster, 260 California St., San Francisco.
Low Bidder—Leibert & Trobock, Albert Bldg., San Rafael.

Plans Being Figured— Bids Close March 9, 4:30 P. M.
RESIDENCE Cost, $7500
MODESTO, Stanislaus Co., Calif.
Two-story and basement frame and stucco residence (7 rooms and 2 baths) tile roof, gas heating system, steel or wood sash, hardwood floors, tile baths, etc.
Owner—M. H. Johnston.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 3915 Oakmore Road.
Two - story and basement frame and stucco residence (7 rooms).
Owner — C. H. McEntyre, Financial Center Bldg., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor—H. Nelson, Financial Center Bldg., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Cal. Le Conte and Hearst Aves.
Two and three-story cement block and brick veneer residence (ten rooms and 3 baths) tar and gravel roof, steel sash, hardwood floors, tile baths, etc.
Owner—Jos. Harris.
Architect—John Anthony, 1849 Arch St., Berkeley.
Bids will be asked in about 30 days.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO. W Baden St. 100 S Monterey Blvd.
One-story and basement frame and stucco residence.
Owner—George Kestler, 203 Bartlett St., San Francisco.
Architect—E. H Denke, 1317 Hyde St., San Francisco.
Contractor—Felix E. Welch, 1430 Larkin St., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $5,250
LIVERMORE, Alameda Co., Cal. Jay and Third Streets.
One - story and basement frame and stucco residence.
Owner—J. W. Houser, Livermore.
Plans by Paul R. Anderson, Livermore.
Contractor—S. W. Suttle, Hayward.
Roofing—Livermore Roofing Co., Livermore.

Plumbing—J. Jensen Plbg. Co., Livermore.
Electric Wiring—Electric Service Co., Livermore.
Heating and Sheet Metal—J. Jensen, Livermore.
Tile Work—Al Moir, Hayward.
Brick Work—W. L. Grein, San Leandro.
Lathing and Plastering—W. M. Hill, Hayward.
Lumber & Wood Sash—Hayward Mill & Lumber Co., Hayward.
Painting—K. Lawrence, Hayward.
Concrete—M. L. Silva, Hayward.
Flooring—Claude Johnson, Hayward.

Sketches Completed
ALTERATIONS, ETC. Cost, $6,000
ATHERTON, San Mateo Co., Calif.
Alterations and additions to residence (work involves an addition of a large living room, sleeping porches, fireplaces, weatherstripping, partitions, gas furnace heating system, etc.)
Owner—Arthur J. Hill.
Architect — W. E. Baumberger, 65 Wellington Ave., San Anselmo.
Bids will be asked in about thirty days.

Contract To Be Awarded.
RESIDENCE Cost, $——
RICHMOND, Contra Costa Co., Cal. Ocean View Drive.
Two-story frame and stucco residence
Owner—Professor M. Dondo.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—H. J. Schultz, 811 Mendocino Ave., Berkeley.

Preparing Working Drawings.
RESIDENCE $5500
BURLINGAME, San Mateo Co., Calif. Bernal Ave. S Hillside Drive.
One-story and basement frame and stucco residence (5 rooms and 1 bath) tile roof, hot air gas heating system, wood sash, hardwood floors, tile bath, etc.)
Owner — Sydney Romer, 110 Sutter St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6500
SALINAS, Monterey Co., Calif.
One-story and basement frame and stucco residence (6 rooms, 1 bath and extra lavatory) tile roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Sam Pierce.
Architect—Charles Butner, 51 Maple St., Salinas.
Contractor—O. M. Hansen, 81 West St., Salinas.

Contract Awarded.
RESIDENCE Cost, $7000
HAYWARD, Alameda Co., Calif.
Two-story frame and stucco reidence (shingle roof, steel sash, hardwood floors, gas heating system).
Owner—D. Scribner.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—George Lund, 2169 Montgomery Ave., Hayward.

Contract Awarded
RESIDENCE Cost, $5,000
MILLBRAE, San Mateo Co., Calif. Taylor Boulevard.
One - story and basement frame and stucco residence.
Owner—W. H. McMichael.
Architect—Not Given.
Contractor—Kenneth Evers, 97 San Pablo Ave., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 21st Avenue S. Ocean Avenue.
One - story and basement frame and stucco residence.
Owner and Builder—Bertrand Medus, 1651 Leavenworth Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 26th Avenue S. Kirkham Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—John J. McDonough, 2180 19th Avenue.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,000
SAN JOSE, Santa Clara Co., Calif. 770 E San Antonio Street.
Two-story frame and stucco residence (seven rooms).
Owner—Mildred A. Wilcox, Olive Lane San Jose.
Architect—Not Given.
Contractor—Gibson-Wheeler Co., 19 N. Second St., San Jose.

Contract Awarded
DUPLEX Cost, $4,000
SAN JOSE, Santa Clara Co., Calif. 526 South Seventh Street.
One-story frame and stucco residence
Owner—Esther Matracia, 65 S. Eighth St., San Jose.
Architect—Not Given.
Contractor — Frederick Bigland, 970 Chapman St., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
SAN JOSE, Santa Clara Co., Calif. 1580 Calaveras Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Geo. S. Kocher, Graphic Arts Bldg., San Jose.
Architect—Not Given.

Plans Being Refigured
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County.
Two-story frame and stucco residence (8 rooms and 3 baths) shingle roof hardwood floors, etc.
Owner—Mr. and Mrs. Decker McAllister.
Architect—G. A. Dailey, 210 Post St., San Francisco.
Bid opening date will be announced shortly.

Contract Awarded
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 1642 Shasta Avenue.
Two-story frame and stucco residence (seven rooms).
Owner—H. W. Ring, 1249 Shasta Ave., San Jose.
Architect—Not Given.
Contractor—J. E. Perkins, 1664 East Santa Clara St., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $3,500
SAN FRANCISCO. NW Naples, 175 SW Russia.
One-story frame residence.
Owner and Builder—Wm. Debold, 1307 Kansas Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. SE Juanita Way 135 NW Fowler Street.
One - story and basement frame and stucco residence.
Owner and Builder—Meyer Bros., 735 Portola Drive.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
REDWOOD CITY, San Mateo Co. Cal. 129 Lexington Avenue.
One - story and basement frame and stucco residence.
Owner—P. E. Powell, 1122 Cleveland St., Redwood City.
Architect—Not Given.
Contractor—V. L. Stewart, 626 Homer Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $4,500
REDWOOD CITY, San Mateo Co. Cal. 340 Oakwood Blvd. West.
One-story frame and stucco residence.
Owner—W. W. Stone.
Architect—Not Given.
Contractor—H. Coykendall, 128 Hudson St., Redwood City.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 2527 Cordova Street.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 2521 Castello Street.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4838
ALAMEDA, Alameda Co., Cal. Thompson Park Tract.
One-story and basement frame and stucco residence.
Owner—Fred E. Laughlin, 1510 Fernside St., Alameda.
Architect—Not Given.
Contractor—Walter H. Anderson, 1014 Doris Court, Alameda.

Sub-Contracts Awarded.
ALTERATIONS Cost,$ ——
PALO ALTO, Santa Clara Co., Cal. Campus of Stanford University.
Alterations and additions to fraternity house.
Owner—Zeta Psi Fraternity.
Architect—John K. Branner, 210 Post St., San Francisco.
Contractor — H. H. Dabinett, 959 Guinda St., Palo Alto.
Roofing—Reaves Roofing Co., 280 California St., Palo Alto.
Plumbing—G. Winner, 704 Bryant St., Palo Alto.
Heating—Scott Co., 243 Minna Street, San Francisco.
Sheet Metal—C. E. Ashworth, Palo Alto.
Tile—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Glass—Pacific Mfg. Co., Santa Clara.
Lathing and Plastering — I. Bridges, 654 Oberlin St., Palo Alto.
Lumber — Merner Lumber Co., Palo Alto
Wood Sash — Pacific Mfg. Co., Santa Clara.
Painting—Thomas & Stangl, Box 441, Palo Alto.
Flooring — Inlaid Flood Co., 600 Alabama St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4500
BERKELEY, Alameda Co., Cal. No. 2011 Marin Avenue.
One-story frame residence (4 rooms).
Owner—Mrs. C. R. Johnson, 1697 Hopkins St., Berkeley.
Architect—Not Given.
Contractor—Harry E. Kane, 921 Ramona Ave., Albany.

BIDS OPENED
LOS ANGELES, Calif.—Eser Wikholm, 656½ S. Western Ave., Los Angeles, submitted only regular bid to D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, at $24,863, for four standard tile dwellings, each with a concrete basement, and two double garages.

to be erected at Fairmont Reservoir, Mojave, Sand Canyon aqueduct station and Little Lake aqueduct station, under Spec. No. X-15; PWA Docket No. 1929-R., Unit No. 18 and No. 19. Frank Schoenrock submitted the only other bid at $22,525, which was ruled irregular due to omission of labor schedule and list of subcontract work.

Preparing Working Drawings.
RESIDENCE Cost, $——
WATSONVILLE, Santa Cruz Co., Cal.
One-story and basement frame and stucco residence (5 rooms) tar and gravel roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Bids will be asked in about two weeks.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 6069 Buena Vista Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—E. W. Franklin, 1014 Central Ave., Alameda.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $——
SACRAMENTO, Sacramento Co., Cal. Lot 303, Wright & Kimbrough Tct.
Two-story frame and stucco residence
Owner—A. G. Mott.
Architect—Not Given.
Contractor—Fred Engberg, H St. Rd., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 1942 Carter Street.
Two-story and basement frame and stucco residence (6 rooms).
Owner and Builder — A. M. Pilinsky, 1545 Franklin St., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Calif. No. 903 Riverside Street.
One-story and basement frame and stucco residence (6 rooms).
Owner — Jos. Artana, 893 Riverside St., San Jose.
Architect—Not Given.
Contractor—Gene Achille, 233 W. St. James St., San Jose.

Reinforcing Steel—Concrete Engr. Co.
RESIDENCE Cost, $4500
ORINDA, Contra Costa Co., Calif.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors,etc.
Owner—J. A. Davidson, 370 60th St. Oakland.
Architect—George P. Simonds, 192 Main St., Hayward.

Plans Being Figured—Bids Close Mar. 16, 8 P. M.
RESIDENCE $4500
BERKELEY, Alameda Co., Calif. Shasta Road.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect — George P. Simonds, 192 Main St., Hayward.

Contract Awarded.
RESIDENCE Cost, $8500
ROCKRIDGE, Contra Costa Co., Cal. St. Pauls Court.
Two-story frame and stucco residence (7 rooms and 2 baths) shake roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Mr. Jepsen.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—A. T. Beckett, 315 Fourth St., Oakland.

Low Bidder.
RESIDENCE Cost, $12,000
STOCKTON, San Joaquin Co., Calif. Country Club Blvd.
Two-story and basement frame and stucco residence (8 rooms and 2 baths) heavy shingle roof, gas furnace, steel sash, tile baths, hardwood floors, etc.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Low Bidder — W. J. Scott, 1661 W. Poplar St., Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 3514 Mountain Blvd.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 535 Twenty-eighth Avenue.
Alterations to residence.
Owner—Louise M. Eltiste, 312 Eureka St., San Francisco.
Architect—Not Given.
Contractor — Joseph T. Carolan, 2539 27th Ave., San Francisco.

Plans Being Figured—Bids Close Mar. 9, 4:30 P. M.
RESIDENCE Cost, $——
SAN FRANCISCO. Pacific Ave. and Pierce Street.
Two - story frame, stucco and brick veneer residence.
Owner—Mortimer Fleishhacker.
Architect—W. W. Wurster, 260 California Street.
Following will submit bids:
Lindgren & Swinerton, 225 Bush St.
A. F. Mattock, 212 Clara Street.
Moore & Madsen, 557 Market St.
Jacks & Irvine, 620 Market St.
F. S. Marshall, 799 Ashbury Street.
Chas. Stockholm, Russ Building.
All of San Francisco.

Owner Taking Bids
RESIDENCE Cost, $——
LODI, San Joaquin Co., Calif.
One - story and basement adobe residence (five rooms) heavy shake roof, gas heating system, etc.
Owner—Paul Higginbothan, Lodi.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 5928 Laird Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—Frank Steffenson, 1300 Webster St., Oakland.
Architect—Not Given.
Contractor—A. Steffensen, 1300 Webster St., Oakland.

Plans Being Figured
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
One - story and basement frame and stucco residence (5 rooms) split shingle roof, gas heating system, hardwood floors, tile bath, wood and steel sash, etc.
Owner—St. Clair Devereauz, Stockton
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
About ten days will be allowed for figuring the plans.

ford St., San Francisco.
Contract Awarded.
RESIDENCE Cost, $5500
SAN FRANCISCO. E Forty-second Ave. N Geary St.
One-story and basement frame and stucco residence.
Owner—J. W. Edmonds, 677 43rd Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Ox-

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Thirty - third Ave. S Vicente St.
Three one-story and basement frame and stucco residences.
Owner and Builder—Henry Horn, 170 Upland Drive, San Francisco.
Architect—Not Given.

Low Bidder
RESIDENCE Cost, $——
ROCKRIDGE, Contra Costa Co., Cal. St. Pauls Court.
Two-story frame and stucco residence (7 rooms and 2 baths) shake roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Mr. Jepsen.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Low Bidder—A. T. Beckett, 315 4th St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Thirty-first Ave. N Moraga Street.
One-story and basement frame and stucco residence.
Owner & Builder—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Forty-third Ave. N Lawton St.
Three one-story and basement frame and stucco residences.
Owner & Builder—Standard Building Co., 1500 Judah St., San Francisco
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCE Cost, $6,614
ROSS, Marin Co., Calif. Del Mesa.
Two-story frame and stucco residence.
Owner — Ralston Hodgson, Del Mesa Ross.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Contractor—Hannah and Wooldridge, 268 Market St., San Francisco.
Plumbing and Heating—Geo. Shields, San Rafael.
Sheet Metal—A. L. Nelson, San Rafael.
Lathing & Plastering—Charles Weber, San Rafael.
Lumber—Henry Hess, San Rafael.
Concrete—Bottini Bros., San Rafael.
Sub-bids are being taken on roofing, electric wiring, tile work, glass, iron grille work, brick work, wood sash, hardwood, painting, flooring and window shades.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRENCISCO. E Thirty-first Ave. N Moraga Street.
Two one-story and basement frame and stucco residences
Owner & Builder—Standard Building Co., 1500 Judah St., San Francisco
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, ——
CARMEL, Monterey Co., Cal. Lincoln St. and Tenth Ave.
Two one-story frame and stucco residences (composition roofs, plaster interior, etc.)

Owner—Mr. and Mrs. James H. Thoburn, Carmel.
Architect—Not Given.
Contractor—John Williams, P. O. Box 1693, Carmel. *

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Forty-fourth Ave. S Kirkham St.
Four one-story and basement frame and stucco residences.
Owner & Builder—Standard Building Co., 1500 Judah St., San Francisco
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $6000 each
SAN FRANCISCO. E Twentieth Ave. N Ortega Street.
Two one-story and basement frame and stucco residences.
Owner and Builder — Lexington Co., 1631 21st Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
SAN FRANCISCO. NW Magellan and Montalvo Sts.
One-story and basement frame and stucco residence.
Owner and Builder — Harold James Farley, 1166 8th Ave., San Francisco
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $——
CARMEL, Monterey Co., Cal. Casanova St. and 9th Ave.
One-story frame and stucco residence (plaster and knotty pine interior finish split shake roof).
Owner—Jennie Algar, Fresno.

Contract Awardeo
RESIDENCE Cost, $5,000
CARMEL, Monterey Co., Calif. Carmelo St. bet. 12th and 13th Aves.
One-story frame and stucco residence
Owner—Mrs. I. M. Meyers.
Architect—Not Given.
Contractor — Ernest Bixler, Box 932 Carmel.

Contract Awarded
RESIDENCE Cost, $——
MONTEREY, Monterey County, Cal. Monte Regio Tract.
One-story frame and stucco residence (hand - split redwood clapboard roofing, redwood block flooring, air conditioning system, etc.)
Owner—Miss Anita Huntley, Monterey
Plans by Mr. Comstock.
Contractor—Hugh W. Comstock, P. O. Box 533, Carmel. *

Contract Awarded
RESIDENCES Cost, ——
PASATIEMPO, Santa Cruz Co., Calif.
Two one-story frame and stucco residences (5 rooms each).
Owner—Rose Ambrose.
Architect—Not Given.
Contractor — Walter Reed, 25 Arbor Ave., Santa Cruz.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 2554 Leiniert Boulevard.
Two-story frame and stucco residence (five rooms).
Owner—L. Cunningham.
Architect—Not Given.
Contractor—Fox Bros., 1478 University Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $4,500
OAKLAND, Alameda Co., Calif. 2707 Bona Street.
Two-story frame and stucco residence (five rooms).
Owner—R. E. Bernard, 725 Warfield Ave., Oakland.
Architect—Not Given.
Contractor—Laurence C. Sullivan Co., 3909 Loma Vista Ave., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Calif. 332 Florence Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—J. Prentiss, 1757 Sixth Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
OAKLAND, Alameda Co., Calif. 1950 Carter Street.
Two-story frame and stucco residence (seven rooms).
Owner and Builder—C. B. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Montclair Estates.
Two-story and basement frame and stucco residence.
Owner—Dr. Paul Michael, 3460 Richmond Blvd., Oakland.
Architect—Roger Blaine, 1212 Broadway, Oakland.
Contractor—W. Vernon Bernard, 227 San Carlos St., Berkeley.

Plans Being Completed.
RESIDENCES Cost, $5000 & $6000
SAN FRANCISCO. Francisco Heights
Ten one-story and basement frame and stucco residences (5 and 6 rooms) tile & composition shingle roofs, hardwood floors, tile baths, etc.)
Owner—Withheld.
Architect — C. O. Clausen, 746 46th Ave., San Francisco
Bids will be asked in about one week.

Sub-Contracts Awarded
RESIDENCE Cont. Price, $5850
HAYWARD, Alameda Co., Calif.
Two - story and basement frame and stucco residence (6 rooms 2 baths) shake roof, gas heating system, tile baths, plaster walls, wood sash
Owner—B. Doughty.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—H. W. Suttle, 1701 D St., Hayward.
Roofing—McFarland Roofing Co., Hayward.
Plumbing—W. E. Phillips, Hayward.
Electric—Frank Sherman Electric Co. Hayward.
Heating—H. W. Clear, Hayward.
Sheet Metal — A. R. Peterson, Hayward.
Tile Work—Al Moir, Hayward.
Glass—Hayward Mill & Lumber Co., Hayward.
Brick Work—W. L. Grein, San Leandro.
Lathing and Plastering—W. M. Hill, Hayward.
Lumber—Hayward Mill & Lumber Co. Hayward.
Wood Sash and Hardware—Hayward Mill & Lumber Co., Hayward.
Concrete—L. M. Silva, Hayward.
Flooring—Claude Johnson, Hayward.

Sub-Contracts Awarded
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. Pinelake Park.
Three one-story and basement frame and stucco residences (six rooms each) tile roofs, gas heating systems, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—D. E. Jaekle, 126 Post St.
Roofing—Bay Tile Roofing Co., 2332 Alemany Boulevard.
Plumbing—Geo. Rehn, 1919 Mission St.
Electric Wiring—Richmond Elec. Co., 1370 40th Ave.
Heating—Atlas Heating & Ventilating Co., 557 4th St.
Tile Work—Richmond Tile Co., 3421 Geary Street.
Glass—W. P. Fuller & Co., 301 Mission Street.
Iron Grille Work—Ace Iron Works, 159 South Park.
Lathing and Plastering—Frank Hale, 110 Howth Street.
Lumber—Colma Mill & Lumber Co., Colma.
Hardware—Palace Hardware Co., 581 Market Street.
Window Shades—D. N. & E. Walter, 562 Mission St.
Structural Steel—Bethlehem Steel Co. 20th and Illinois Streets.

Plans Being Figured—Bids Close Mar. 12th.
RESIDENCE Cost, $4,200
FAIRFAX, Marin Co., Calif.
One-story frame and stucco residence (4 rooms) wood sash, shake roof, hardwood floors, probably electric heating system, pine floors, tile baths, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $11,000
SAN MATEO, San Mateo Co., Calif. Hills Blvd. and Bromfield St.
Two-story and basement frame and stucco residence.
Owner & Builder—Richard P. Minor, 1444 Burlingame Ave., Burlingame
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Calif. Burlingame Gables.
One-story and basement frame and stucco residence.
Owner—Wm. Bean.
Architect—Not Given.
Contractor—J. B. Oswald, 760 El Cerrito Ave., San Mateo.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. NW Twenty-fifth Ave. and York Street.
One-story and besement frame and stucco residence.
Owner and Builrer—S. Larsen, 365 Ashton St., San Francisco
Architect—Not Given.

To Be Done By Day's Work,
RESIDENCE Cost, $4500
SAN FRANCISCO. E Eighteenth Ave. S Vicente Street.
One-story and basement frame and stucco residence.
Owner and Builder — S. F. Johnson. 2601 17th Ave., San Francisco
Architect—Not Given.

Contract Awarded.
ADDITION Cost, $4000
BERKELEY. Alameda Co., Cal. No. Domingo Avenue.
Additions to residence.
Owner—Dr. T. W. Weller, Premises.
Architect—Not Given.
Contractor—F. W. Confer, 1328 Arch St., Berkeley

March 5, 1936

Contract Awarded.
RESIDENCE Cost. $3210
BURLINGAME, San Mateo Co., Calif. Corbet Drive.
Two-story frame, stucco and rustic residence.
Owner—M. B. Salzman, 732 Fairfield Road, Burlingame.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Contractor—Charles Pearson, 1356 Cabrillo Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $3000
BERKELEY, Alameda Co., Cal. No 717 Durant Street.
One-story frame residence (4 rooms)
Owner—Mrs. Dan Perkins.
Architect—Not Given.
Contractor—Fox Bros., 478 University Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $5000
ALAMEDA, Alameda Co., Cal. No. 1820 Yale Drive
One-story and basement frame and stucco residence (6 rooms).
Owner—Hazel D. Woodburn, 579 Radnor Road, Oakland
Architect—Not Given.
Contractor—R. C. Woodburn, 579 Radnor Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
ALAMEDA, Alameda Co., Cal. No 3251 Thmpson Avenue
One-story and basement frame and stucco residence (6 rooms).
Owner—Fred E. Laughlin, 1510 Fernside Blvd., Alameda
Architect—Not Given
Contractor—Walter H. Anderson, 1014 Doris Court, Alameda.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
ALAMEDA, Alameda Co., Cal. No. 2865 Santa Clara Avenue.
Two-story frame and stucco residence (7 rooms).
Owner & Builder—L. C. Walker, 2863 Santa Clara Ave., Alameda
Architect—Not Given.

Contract Awarded.
ALTERATIONS, ETC. Cost, $5296
SAUSALITO, Marin Co., Calif.
Alterations and additions to residence
Owner—W. Robert Miller, Sausalito.
Architect—Not Given.
Contractor — Frank Airey, Stinson Beach.

Contract Awarded.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Calif. Burlingame Gables.
One-story and basement frame and stucco residence.
Owner—L. Brandon.
Architect—Not Given.
Contractor — J. B. Oswald, 760 El Cerrito Ave., San Mateo.

Contract Awarded.
ALTERATIONS Cost, $2688
SAUSALITO, Marin Co., Calif.
Alterations and additions to residence
Owner—Helen S. Wood, Town Gret Lake, Illinois.
Architect—Not Given.
Contractor — Frank Airey, Stinson Beach.

Contract Awarded
RESIDENCE Cost, $6,000
CHICO, Butte County, Calif.
One - story and basement residence (7 rooms, 2 baths) frame and rustic exterior, shake roof, gas heat, tile baths, etc.
Owner—L. R. Brown, Chico.
Architect—Ed. M. Sharpe, 525 Market St., San Francisco.
Contractor—W. H. Long, Chico.

Segregated Bids Being Taken.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Montclair Highlands Extension.
Two-story frame and stucco residence (six rooms and recreation room) English style, shake roof, gas heating system, hardwood floors.
Owner—Syndicate Merriewood.
Architect—Earl MacDonald, 3812 Broadway, Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 5979 Contra Costa Road.
Two-story and basement frame and stucco residence (6 rooms).
Owner—Robert D. Boyd, 188 37th St., Oakland.
Architect—F. H. Slocombe, 731 Monte Cresta Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Thirty-third Ave. N Moraga St.
One-story and basement frame and stucco residence.
Owner and Builder—Christian Anderson, 146 Granville Way, S. F.
Architect—Not Given.

Segregated Bids Being Taken.
RESIDENCE Cost, $——
VALLEJO, Solano Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths).
Owner—Mr. Nelson.
Architect—Earl MacDonald, 3812 Broadway, Oakland.

Bids Opened
RESIDENCE Cost, $5,000
SANTA ROSA, Sonoma Co., Calif.
Two-story frame and stucco residence (6 rooms) shingle roof, gas furnace, board and batton first floor, wood frame on second, oak floors, California stucco walls, etc. (early California type).
Owner—A. M. Call.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—Leon Koch, 526 Orchard St., Santa Rosa.
Complete bids follow:
Leon Koch $5,349
Carl Peterson 5,822
E. Ahlstrom 5,913
All of Santa Rosa.
Bids held under advisement.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. 29th Ave. North Kirkham Street.
Two one - story and basement frame and stucco residences.
Owner and Builder—Thos. McCormick 73 Hill Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Willard St. 125 N Turk Street.
One-story and basement frame and stucco residence.
Owner and Builder—Michael Costello. 821 34th Ave., San Francisco.
Architect — C. O. Clausen, 746-46th Ave., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $9,700
OAKLAND, Alameda Co., Cal. Ross Circle.
Two-story & basement all-wood residence (8 rooms, 3 baths) shingle roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner—B. H. Bravinder, Oakland.
Architect—B. E. Schirmer, 910 Bank of America Bldg., Oakland.
Contractor—John Moore, 354 Hobart St., Oakland.
Plumbing—J. A. Fazio, 402 Castro St., Oakland.
Electric Wiring—Fred. Schmits, 428 Moss Ave., Oakland.
Sheet Metal—East Bay Sheet Metal Co., 1101 Market St., Oakland.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.
Lathing and Plastering—Jos. Giachetto, 1290 Derby St., Berkeley.
Wood Sash—Lannom Bros. Mfg. Co., Fifth and Magnolia Sts., Oakland.
Hardware — Maxwell Hardware Company, 1320 Washington St., Oakland.
Painting—Breakfield - Stranahan, 3879 Balfour Ave., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Desmond S Visitacion.
One-story and basement frame and stucco residence.
Owner and Builder—Ruegg Co., 469 Pine St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Cal. No. 97 Stonewall Road.
Two-story and basement frame and stucco residence (12 rooms).
Owner—Stanley L. King, 33 Tanglewood Road, Oakland.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $12,000
SAN MATEO Park, San Mateo Co., Calif., Dorchester and Bellview Avenues.
Two-story and basement frame and stucco residence (11 rooms and 4 baths) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Chas. J. Kelly.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco.
Contractor—Mooney & McDonald, 1464 Burlingame Ave., Burlingame.

Plans Being Completed.
RESIDENCE Cost, $11,000
PIEDMONT, Alameda Co., Cal. Scenic Avenue.
Two-story frame and stucco residence (10 rooms, 6 baths) shingle roof, gas heating system, oak plank floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in ten days.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 2640 Lagon Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—Peter Poggy, 2732 E-8th St., Oakland.
Architect—Not Given.
Contractor—C. Tollefsen, 3311 E-17th St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 1736 Leimert Blvd.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—Paul Mortensen, 2417 Palmetto St., Oakland.

15— SCHOOLS

Construction Started.
GARAGE Total Cost, $100,000
AUBERRY, Fresno Co., Calif.
One-story concrete school bus garage to house four busses and ten school automobiles).
Owner — Sierra Union High School District
Architect—Not Given.
Construction has been started on the bus garage, the first unit of an extensive building program to be continued over a period of two years
Alterations to the gymnasium; construction of a new shop building, athletic field, administration and

classroom building, etc., are included in the program.

BONDS FAIL

MONTEREY, Cal.—Monterey Union High School District defeated bond issue in the amount of $80,000 March 3. Proceeds were to have financed construction of improvements and reconstruction work for eight buildings at the Monterey Union High School. Total estimated cost $100,000.

Preliminary plans prepared by Architect Robert Stanton and Structural Engineer Richard Ware, Hotel Del Monte, Del Monte.

LOW BIDDER

SAN DIEGO COUNTY, Cal.—Walter Trepte, 1460 J St., San Diego, submitted low bid to Grossmont Union High School District at $137,969, for construction of a manual arts building and a combination auditorium and gymnasium, including plumbing, heating and folding grandstands, at Grossmont high school, a PWA project.

Frank L. Hope, San Diego, architect.

Contract Awarded.

GYMNASIUM Cost, $28,406
GARDNERVILLE, Nevada.
One-story steel and oncrete gymnasium.
Owner—County of Douglas.
Architect—Not Given.
Contractor—H. L. Dressler, Gardnerville.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect Harold S. Johnson, 1001 Architects' Bldg., and Structural Engineers Holmes & Narver, 639 S. Sprng St., commissioned by Los Angeles Board of Education to prepare plans for the reconstruction, strengthening and rehabilitation of the main building at Raymond Avenue School, 7511 Raymond Ave. Cost, $100,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect Sumner Spaulding, 9441 Wilshire Blvd,. Beverly Hills, commissioned by Los Angeles Board of Education to prepare plans for a new building to be erected at Theodore Roosevelt High School, 450 S. Fickett St. Cost, $122,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect A. C. Martin, 233 Higgins Bldg., commissioned by Los Angeles Board of Education to prepare plans for a new school plant to be erected in the vicinity of N. Broadway and Mission Road, and to be known as Abraham Lincoln High School. Cost, $667,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect S. E. Lunden, 400 Rowan Bldg., commissioned by Los Angeles board of education to prepare plans for the reconstruction of an addition to main brick building and auditorium building at Garvanza school, 301 N Avenue 62. Cost, $90,000.

BIDS WANTED

LAGUNA BEACH, Orange Co., Cal. —Until March 17, 7:45 P. M., bids will be received by Laguna High School District, Park Ave. and Manzanita St., Laguna Beach, for the construction of (a) a two-story gymnasium building, 90x100 ft. in area, and (b) a one-story 5-classroom annex to the existing building, 118x62 ft. in area, located on the site of the present high school, corner of Park Ave. and Manzanita St., Laguna Beach. Cost, $100-000. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect D. King, 1117 Van Nuys Blvd., commissioned by Los Angeles board of education to prepare plans for a new building to be erected at the Hillside school, 130 E. Avenue 35. Cost, $60,-000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect T. C. Kistner, 814 Architects' Bldg., has been commissioned by Los Angeles board of education to prepare plans for a new school building and girls' physical education bldg. to be erected at John Adams junior high school, 151 West 30th St. Cost, $175,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect W. H. Parker, 5627 Ensign Ave., North Hollywood, and Structural Engineer W. E. Wilson, 2442 S. Marvin Avenue, commissioned by Los Angeles board of education to prepare plans for the reconstruction, strengthening and rehabilitation of the main building at Holmes Avenue school, 5108 Holmes Ave. Cost, $60,000.

CONTRACT AWARDED

COOLIDGE, Ariz.—P. W. Womack, Phoenix, awarded contract by Pinal County School District No. 6 at $86,-801 (subject to PWA approval) for the construction of a new high school building in Coolidge. It will be a two-story structure, containing ten class rooms, combination gymnasium and auditorium, showers, dressing rooms and offices; frame and stucco construction, tile roofing, heating plant, etc. Orville A. Bell, Heard Bldg., Phoenix, architect.

LOW BIDDERS

ROUND MOUNTAIN, Nev.—Morrin & Jacoben, Ogden, Utah, at $10,900, submitted low bid to Round Mountain School District for construction of a school building in Nye County, Nev. E. W. Nelson, Fallon, Nev., at $1,-833.55 submitted low bid for the heating plant.

Bids Wanted—To Close March 11th, 8 P. M.

ADDITION Cost, $38,000
MERIDIAN, Washington.
Addition to junior high school (one-story and basement frame and concrete addition (89x140 feet).
Owner—Meridian Consolidated School District No. 320 (D. H. Engelhardt Clerk).
Architect—Wohleb and Stanton, Bellingham.

Plans and specifications may be obtained from the architects upon deposit of $15.00.

Plans Completed

ADMINISTRATION BUILDING Cost, $125,000
FRESNO, Fresno Co., Cal. Mariposa and O Streets.
Two-story reinforced concrete administration building.
Owner—Fresno School District.
Architect—Allied Architects of Fresno
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans have been approved by the Fresno Board of Education and will be forwarded to the State Division of Architecture, Sacramento, for approval within one week.

Application for a grant of $54,454 has been filed with the PWA.

CONTRACT AWARDED

FULLERTON, Orange Co., Calif.—Willard Lutz, 1630 Lyman Place, Los Angeles, submitted low bid to Fullerton Elementary School District, at $47,120, and awarded contract (subject to the approval of the PWA), for reconstruction, strengthening and rehabilitation of the Chapman School, Fullerton. The work will consist of reconstructing the existing one-story, 17-room, hollow tile building as a frame and stucco unit. Clyde C. Deuel, 405 Douglas Bldg., Lo Angeles, structural engineer. Myron Hunt and H. C. Chambers, 1216 Continental Bldg., Los Angeles, consulting architects.

Bids Wanted — To Close March 19, 8 P. M.

CLASSROOM UNIT Cost, $75,000
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Brick classroom unit (17 Classrooms; second unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.

Plans and specifications may be obtained from the architect upon deposit of $25.

Plans Being Prepared.

ADDITION Cost, $103,680
BAKERSFIELD, Kern Co., Calif.
Two-story reinforced concrete extension to library (plaster-acoustic exterior finish, metal lath and plaster interior partitions, concrete floors, steam heating system Crane Co. or equal plumbing goods, seasoned birch interior finish, tile roofing, etc.)
Owner—Kern County Union High School District.
Architect—Chas. H. Biggard, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Application has been filed with the PWA for a loan and grant to finance the project.

Planned

GYMNASIUM Cost, $40,000
STOCKTON, San Joaquin Co., Calif. St. Mary's High School.
New gymnasium at St. Mary's High School.
Owner—St. Mary's High School (Rev. W. E. McGough in charge) Stockton.
Architect—Not Selected.

Bids Wanted — To Close March 24, 4 P. M.

SCHOOL Cost, $55,000
OAKLAND, Alameda Co., Cal. Monticello and Fleming Aves.
Structural alterations to Maxwell Park School (15 classrooms).
Owner—Oakland School District.
Architect—W. G. Corlett, Oakland Board of Education, Oakland.

Plans and specifications may be obtained from the architect upon deposit of $25.

BIDS WANTED

KERN COUNTY, Cal.—Until March 12, 8 P. M., bids will be received by Elk Hills School District, Tupman, Kern County, for the construction of four cottages. Plans may be obtained at the office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield, upon deposit of $10. Certified check or bond for 10% must accompany each bid. Earl McFarland, clerk.

Correction In Structural Steel Award

GYM. & SHOPS Cont. Price, $62,715
SELMA, Fresno Co., Cal. Campus of Selma High School.
Gymnasium and shop building (reinforced concrete construction).
Owner — Selma Union High School District.

Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor—W. J. Ochs, Pacific Southwest Bldg., Fresno.
Structural Steel, Miscellaneous and Ornamental Iron—Fair Mfg. Co., 617 Bryant St., San Francisco.
Reinforcing Steel—Kyle & Co., Fresno.
Other awards reported January 31.
It was previously reported that Kyle & Company were awarded the contract for structural steel, which was in error.

Material Bids Wanted—To Close Mar. 16, 9 A. M.
REHAB. SCHOOL Cost, $8000
LIVERMORE, Alameda Co., Calif.
Rehabilitation of the Livermore High School.
Owner—Livermore High School Dist.
Structural Engineer—Harold B. Hammill, 381 Bush St., San Francisco.
Bids are being taken as follows:
(1) Structural steel.
(2) Reinforcing steel.
(3) Lumber.
Project approved by the WPA.
Plans and specifications may be obtained from H. B. Hammill, Structural Engineer, upon deposit of $25.

Plans Approved.
SCHOOL Cost, $21,000
ALAMO, Contra Costa Co., Calif.
One-story frame grammar school (4 classrooms).
Owner—Alamo School District.
Architect—Fred Reimers, 233 Post St., San Francisco.
Plans have been approved by the State Division of Architecture, Sacramento, and construction will start immediately.
Work being financed with WPA funds.

PAINTING CONTRACTS AWARDED
LOS ANGELES, Cal.—Los Angeles Board of Education awarded contracts for school painting work and miscellaneous work as follows: Administration building, cafeteria and boys' and girls' physical education building at Huntington Park High School, 6020 Miles Ave., Huntington Park, to Patterson Bros., 573 Santa Rosa Ave., Berkeley, at $5740; main brick build- at Brentwood School, 740 Amherst Ave., Brentwood Heights, West Los Angeles, to Angelus Painting & Decorating Co., 2311 Riverside Dr., Los Angeles, at $1480; main building at Center Street School, 11,101 Walnut Ave., Inglewood, and Units No. 1 and No. 2 at Cienega School, 5140 W. Adams Blvd., Los Angeles, to Floyd J. Christensen, 657 N. Harper Ave., Los Angeles, at $2477 and $2998 respectively; main building at Dominguez School, 21,250 Santa Fe Avenue, Dominguez, and main building at Micheltorena Street School, 1511 Micheltorena St., Los Angeles, to T. A. Rucker, 1012 S. Adams St., Glendale, at $737 and $2967 respectively.

PLANNED
SAN BERNARDINO, Cal.—San Bernardino Board of Education is considering assessing a special tax levy to provide funds with which to finance additions to the senior high school and the Arrowview Junior High School in San Bernardino. They would be reinforced concrete structures, each to contain 12 classrooms and a combination cafeteria and assembly hall. Total estimated cost is $225,000

LOW BIDDER
LOS ANGELES, Cal.—H. W. White, Room 200, 111 W. 7th St., submitted low bid to the Los Angeles board of education at $47,937 for a one-story school shop building to be erected at Jos. LeConte junior high school, 1316 N. Bronson Ave. A. R. Hutchason, 1001 Architects' Bldg., architect; C. J. Derrick, 502 Architects' Bldg., structural engineers, and C. A. Sanborn & Co., mechanical engineer, 357 S Hill.

BOND ELECTION
KERN COUNTY, Calif. — Rockpile School District will hold an election March 21 at which time it is proposed to vote bonds in the sum of $30,000, proceeds to be used to finance improvements to a school in Rockpile, Kern County. Aaron Neff, J. E. Saint and Edgar Combs are trustees of the district.

PLANNED
LOS ANGELES, Cal.—F. D. MacKay, president of MacKay Business College, 612 S. Figueroa St., has purchased property at 612-20 S. Figueroa St., where he proposes erecting a new six-story, Class A building to cost approximately $300,000. The site covers an area of 101x156 feet. The project has not yet reached the plan stage.

BIDS WANTED
LOS ANGELES, Cal.—Until March 17 2 P. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a two-story reinforced concrete main building to be erected at Soto Street school, 1020 S. Soto St. Cost, $105,000. Wm. L. Woollett, 5330 Loma Linda St., architect.

BIDS WANTED
LOS ANGELES, Cal.—Until March 10, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the 1923 portion of the main brick building at Glen Alta school, 3410 Sierra St. Cost, $36,-800. John R. Kibbey, 9437 Santa Monica Blvd., Beverly Hills, architect, and Francis N. Dlouhy, 9273 Cordell Drive, structural engineer.

BIDS WANTED
LOS ANGELES, Cal.—Until March 12, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the construction of a new classroom addition and the strengthening and reconditioning of the 1922-26 portion of the main brick building at Grant school, 1530 N Wilton Place. Cost, $98,950. Armand Monaco, 306 Pershing Square Bldg., architect, and Holmes & Narver, 639 S. Spring St., structural engineers.

BIDS WANTED
LOS ANGELES, Cal.—Until March 11, 2 P. M. (opening date postponed from March 4), bids will be received by Los Angeles board of education, purchasing bureau, 1425 S San Pedro St., for a two-story reinforced concrete classroom building to be erected at the 52nd St. school, 801 West 52nd St. Cost, $85,000. A. M. Edelman, 709 H. W. Hellman Bldg., architect, and William Mellema, 1661½ Beverly Blvd., structural engineer; E. L. Ellingwood, H. W. Hellman Bldg., mechanical engineer.

Sub-Bids Wanted
STORE Cost, $10,000
PITTSBURG, Contra Costa Co., Calif.
One - story brick store building (composition roofing, wood floors, etc.)
Owner—Post Dispatch, Pittsburg.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—Horace J and Sal E. Siino 710 Black Diamond St., Pittsburg.
Brick Work—Herschel Reinecke, 830 E 11th St., Oakland.
Sub - bids are wanted on roofing, plumbing, electric wiring, sheet metal glass, lathing and plastering, lumber, wood sash, hardware, painting and structural steel.
Excavation work has just been completed.

New Bids Wanted—To Close March 13, 7 P. M.
GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect — William Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $25.

Plans Being Completed.
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Cal. No. 2048 Center Street.
Alterations and additions to front of Class C newspaper building.
Owner—Berkeley Gazette.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked within one week

BOND ELECTION PLANNED
PALO ALTO, Santa Clara Co., Cal. —Ravenswood School Dist. will vote in the near future on a proposal to issue bonds in the amount of $10,000 to finance construction of structural changes to the Rovenswood school.
Further details will be announced at a later date.

BIDS WANTED
FULLERTON, Orange Co., Calif.—Until March 19, bids will be received by Fullerton Elementary School District for new building replacements at the Wilshire school in Fullerton, a PWA project. Plans and specifications may be obtained from the district superintendent in Fullerton upon deposit of $25. Cost, $200,000. Myron Hunt and H. C. Chambers, 1216 Continental Bldg., Los Angeles, architects; S. Deuel, structural engineer, 405 Douglas Bldg., Los Angeles.

BIDS WANTED
LOS ANGELES, Cal.—Until March 13, 2 P. M., bids will be received by Los Angeles board of education, 1425 San Pedro St., for painting and miscellaneous work at following schools: Burnside Ave., cost $2400; Brockton Ave., cost, $2000; Figueroa St., cost $4500.

BIDS WANTED
LOS ANGELES, Cal.—Until March 13, 2 P. M., bids will be received by Los Angeles board of education, 1425 San Pedro St., for painting and miscellaneous work in administration, auditorium, classroom (1927 addition), boys' and girls' physical education, shop, home economics and cafeteria buildings at Thomas A. Edison junior high school.

BIDS WANTED
BARSTOW, San Bernardino Co., Cal.—Until March 12, 7:30 P. M., new bids will be received by the Barstow Elementary School District for construction of a new auditorium and classroom building in Barstow, a PWA project. Segregated bids will be taken on the following: (1) general contract; (2) plumbing; (3) heating; (4) lighting; (5) painting; (6) roofing. Plans and specifications may be obtained from the architect, E. C. Parke, 25 Fuller Bldg., San Bernardino, upon deposit of $25. Cost, $86,000.

BIDS WANTED
LOS ANGELES, Cal.—Until March 16, 2 P. M., bids will be received by

Los Angeles board of education, 1425 San Pedro St., for painting and miscellaneous work at following schools: Pacific Blvd., cost $4400; 79th Street, cost, $2000; 66th St., cost, $2800; Jacob Riis, cost, $1500.

Plans Being Prepared
SCHOOL Cost, $65,000
KINGSBURG, Fresno Co., Calif.
One-story reinforced concrete grammar school.
Owner—Kingsburg Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Project approved by the WPA

BIDS OPENED
HUNTINGTON PARK, Calif.—Patterson Bros., 573 Santa Rosa Ave., Berkeley, submitted low bid to Los Angeles board of education at $5740 for painting work for the administration building, cafeteria building and boys' and girls' physical education building at the Huntington Park high school, 6020 Miles Ave., Huntington Park. Other bids were: Jack Ewins, $6205; Harry Wasserman, $6559; Wm. Gelfan, $6565; J. P. Carroll, Inc., $6,670; D. Zelinsky & Sons, $7229; Burger Decorating Co., $7884; Klaas Bros., $7970; Chris Heinsberger, Jr., $8141; David Weln, $8200; Floyd J. Christensen, $12,692.

LOW BIDDER
LOS ANGELES, Cal.—The Angelus Painting & Decorating Co., 2311 Riverside Drive, Los Angeles, submitted low bid to Los Angeles board of education at $1480 for painting and miscellaneous work on the main brick building at Brentwood school, 740 Amherst Ave., Brentwood Heights, West Los Angeles.

LOW BIDDER
INGLEWOOD, Los Angeles Co., Cal.—Floyd J. Christensen, 657 N. Harper Ave., Los Angeles, submitted low bid to Los Angeles board of education at $2477 for painting and miscellaneous work on the main building at Center Avenue school, 11,101 Walnut Avenue, Inglewood.

LOW BIDDER
LOS ANGELES, Cal.—T. A. Rucker, 1012 S. Adams St., Glendale, submitted low bid to Los Angeles board of education at $2967, for painting and miscellaneous work on the main bldg. at Micheltorena Street school, 1511 Micheltorena St.

LOW BIDDER
DOMINGUEZ, Los Angeles Co., Cal.—T. A. Rucker, 1012 S. Adams Street, Glendale, submitted low bid to Los Angeles board of education at $737 for painting and miscellaneous work on the main building at Dominguez school, 21,250 Santa Fe Ave., Dominguez.

LOW BIDDER
LOS ANGELES, Cal.—F. J. Christensen, 657 N Harper Ave., submitted low bid to Los Angeles board of education at $2998, for painting Units No. 1 and No. 2 at Cienega School, 5140 W. Adams Blvd.

Plans Approved.
REHABILITATE SCHOOL $40,000
LIVERMORE, Alameda Co., Calif.
Rehabilitation of elementary school.
Owner—Livermore Elementary School District.
Architect—Henry H. Meyers, 2021 Alameda Ave., Alameda.
Plans have been approved by the State Division of Architecture, Sacramento.
Work financed by WPA funds.

Plans Being Prepared.
RECON. GYM. Cost, $89,370
BAKERSFIELD, Kern Co., Calif.
Reconstruction of girls' gymnaium at high school (reinforced concrete frame, plaster dash exterior finish steel studs, metal lath and plaster, Johns-Manville or equal roofing, concrete floors, steam heating system, Crane Co. plumbing goods or equal, etc.)
Owner — Kern County Union High School District.
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.

CONTRACT AWARDED
SAN FRANCISCO—Dowd-Seid Electric Co., 2118 Mission St., at $444 awarded contract by Department of Public Works for furnishing and installing electric fixtures in the Patrick Henry School, Vermont, Kansas, 18th and 19th Sts.

Bids Opened
ELECTRICAL WORK Cost, $3,000
SAN LEANDRO, Alameda Co., Calif.
Electrical work for McKinley and Washington Schools.
Owner—San Leandro School District.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Electrical Engineers—Hunter & Hudson, 41 Sutter St., San Francisco.
Low Bidder—Scott - Buttner Electric Co., 23rd and Webster Sts., Oakland.
Complete bids follow:
Scott-Buttner Electric Co., Oakland $2,082
Abbett Electric Co., S. F. 2,480
United Electric Const. Company, San Francisco 2,597
Lee Electric Co., S. F. 2,650
Spencer Electric Co., San Francisco and Oakland 2,983
Pine Electric Co. (irregular, not considered).
Recommendation made to PWA that contract be awarded to Scott-Buttner Electric Co. at $2,082.

Bids Opened.
SCHOOL Cost, $27,250
WOODLAKE, Tulare Co., Calif.
One-story frame and stucco school building (3 classrooms).
Owner—Woodlake School District.
Architect—E. J. Kump, Rowell Bldg., Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—R. W. Brown, 118 Kay St., Madera.
Complete bids follow:
R. W. Brown, Madera $29,000
..... (1) 2,250
Hodgson & Sons, Porterville 29,244
..... (1) 2,438
T. C. Irwin, Fresno 29,600
..... (1) 1,953
Fisher & McNulty, Fresno 30,284
..... (1) 2,455
R. P. Moore, Fresno 30,900
..... (1) 1,875
Trewhitt Shields and Fisher, Fresno 30,649
..... (1) 2,134
Bids held under advisement.

Contract Awarded.
GYMNASIUM Cont. Price, $66,939
AUBURN, Placer Co., Calif.
One-story steel-concrete gymnasium, (hot water heating system, wood floors, etc.)
Owner — Placer Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor—J. C. Meyers, Rt. 1, Box 439, Stockton.

Bids Wanted—To Close March 20.
PHYSICAL ED. BLDG. $400,000
PULLMAN, Washington.
Four-story health and physical education building (152x180 ft.) (gymnasium, swimming pool, exercise rooms, etc.)
Owner—State of Washington.
Architect—S. A. Smith, State College Pullman.
As previously reported, excavation contract awarded to Morris & Rucker, Pullman, at $5150.

16—BANKS, STORES AND OFFICES

Planned.
ALTERATIONS
EL CERRITO, Contra Costa Co., Cal. Potrero and San Pablo Avenues.
Alterations to New City Market.
Owner—Carlo Fara, El Cerrito.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $3500
SAN FRANCISCO. No. 315-321 Bush Street.
Alterations to cocktail bar.
Owner—United Building Constr. Co., 321 Bush Street, San Francisco.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Rausch St., San Francisco. 16

Plans Being Completed.
BUILDING Cost, $15,000
SAN RAFAEL, Marin Co., Calif. Fourth Street.
One-story reinforced concrete store and mfg. building (75x126 feet).
Owner—Harry DeGregory, San Rafael
Architect — N. W. Sexton, deYoung Bldg., San Francisco.
Bids will be asked shortly.

Sub-Bids Being Taken.
STORE Cost, $12,000
RENO, Washoe Co., Nevada.
One-story brick store building.
Owner—Dollar Stores.
Architect — Bernard Joseph, 74 New Montgomery St., San Francisco.
Manager of Constr.—Frank Eyre, 735 S-Sutter St., Stockton.

Contract Awarded
STORE Cost, $11,000
OAKLAND, Alameda Co., Cal. No. 3256-58-60 Lakeshore Avenue.
One-story concrete store building.
Owner—Clarence M. Hill, 858 Cleveland Ave., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — E. Campomenosi, 6401 Broadway Terrace, Oakland.

Contract Awarded.
STORE AND FLATS Cost, $6000
SAN FRANCISCO. S Haight St. 75 W Shrader Street.
Two-story frame store and flats.
Owner—Marie Bays, 662 Cole St., San Francisco.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.

Plans Being Prepared.
STORE Cost, $8500
OAKLAND, Alameda Co., Cal. Grand Avenue.
One-story Class C store building (45x80 feet) concrete walls, wood floors and roofing, etc.
Owner—Withheld.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.

PLANS BEING PREPARED
FRESNO, Cal.—Architect Harbin F. Hunter, 815 Bankers' Bldg., Los Angeles, preparing plans for remodeling a store building at 1014 Fulton St., Fresno, for Zukor's. The work will consist of installing new plate glass and metal store fronts and display windows, ornamental metal, marble facing, structural glass trim, cabinet work, mirrors, interior fixtures, plastering, decorating, air conditioning system, etc. Cost, $45,000.

Plans Being Figured
STORE Cost, $14,000
OAKLAND, Alameda Co., Cal. Grand Avenue.
One - story reinforced concrete store building (50x80-ft.)
Owner—Withheld.
Architect—Williams and Wastell, 374 17th St., Oakland.

Brick Contract Awarded
OFFICE Cost, $6,500
OAKLAND, Alameda Co., Calif. Foot of Adeline Street.
One-story brick office building.
Owner—El Dorado Oil Co., premises.
Engineer—Lochiel M. King, Third and University Ave., Berkeley.
Brick Work—Victor Devight, 1828 Milvia St., Berkeley.
Construction is under way by owner's own forces.

Contract Awarded
ALTERATIONS Cost, $9,474
SAN JOSE, Santa Clara Co., Calif. First and San Carlos Streets.
Alterations to store bldg. (3 stores).
Owner—Hale Brothers.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.
Plumbing—Wm. F. Serpa, 397 N 13th St., San Jose, $735.
Electric—Roy Butcher, 1020 Sherwood Ave., San Jose, $2,110.

Plans Being Figured—Bids Close Mar. 9th, 2 P. M.
STORE Cost, $5,000
SAN FRANCISCO. 25th Avenue and Lawton Street.
One - story and basement frame and stucco store building (25x90-feet) tar and gravel roof, wood sash, plate glass, tile front, metal sash bars, electric wiring, plumbing.
Owner—Withheld.
Architect—Earle B. Bertz, 681 Market Street.
Bids are being taken from a selected list of contractors only.

Plans Being Prepared.
BUILDING . Cost, $——
HEALDSBURG, Sonoma Co., Calif. West St. N Mill Street.
Two-story reinforced concrete, frame and stucco Chamber of Commerce Building (20x30 ft.) lobby and offices, rest rooms, etc.
Owner—Healdsburg Chamber of Commerce (Fred Cairns, Secretary). Healdsburg.
Architect—John I. Easterly, 302 Grant St., Healdsburg.
Project approved by the WPA.

CONTRACT AWARDED
SANTA BARBARA, Calif.—Carl S. Peterson, 512 E. Haley Street, Santa Barbara, awarded contract for construction of three 1-story, physicians' office bungalows at Nos. 10, 12 and 18 W. Micheltorena St., Santa Barbara, for Messrs. J. K. Patterson, D. M. Clark and A. B. Steele. Carleton M. Winslow, 1001 Architects' Bldg., Los Angeles, architect.

Plans Being Completed
ADDITIONS, ETC. Cost, $60,000
SAN RAFAEL, Marin Co., Calif. B and Fourth Streets.
Alterations to present building and addition of new annex, 42x45-ft.; 1-story steel and brick construction, plain and ornamental plaster, tile and terra cotta exterior, marble counters, composition roofing, metal windows, new steam heating plant, air conditioning system, marble and linatile floors bronze fixtures, cabinet work, etc.
Owner—Bank of San Rafael (Wm. P Murray, President).
Architect—H. H. Winner, Wordsworth Ave., Ross.
Bids will be asked in three or four weeks.

Air Conditioning Contract Awarded
ALTERATIONS Cost, $30,000
FRESNO, Fresno Co., Cal. Mariposa Street near Fulton Street.
Alterations and additions for waffle shop.
Owner—Tiny's Waffle Shop.
Architect—A. R. Williams, Humboldt Bank Bldg., San Francisco.
Air Conditioning—York Ice Machinery Co., 234 9th St., San Francisco.
As previously reported, fixtures contract awarded to L. & E. Emanuel, 2665 Jones St., San Francisco; general contract to Fisher & McNulty, 1226 Fulton St., Fresno; electric to L. G. Jeffrey, 831 Fulton Street, Fresno; plumbing to B. A. Newman, 320 North H St., Fresno.
Contracts will be awarded shortly on refrigeration, painting and flooring.

To Be Done By Day's Work
STORE Cost, $3,000
SHARPS PARK, San Mateo Co., Cal. Brighton Road.
One-story frame store building.
Owner—T. A. Svorenic, Salada Beach.
Architect—Not Given.

Sub-Contracts Awarded.
ADDITION Cost, $750,000
PORTLAND, Ore. 2741 N. Vaughn Street.
Nine-story wing addition to store building (181x122 ft.) fireproof construction.
Owner — Montgomery Ward & Co., Chicago.
Plans by Engineering Dept. of Owner.
Contractor—Guy F. Atkinson, Porter Bldg., Portland
Excavation—Fred Christensen, Portland.
Reinforcing Steel — Northwest Steel Rolling Mills, Inc., Seattle.
Structural Steel—Poole & McGonigle, Portland.
Millwork—Chas. K. Spaulding Logging Co., Portland.
Plastering — R. C. Thompson & Co., Portland.
Acoustical Treatment—Masons Supply Co., Portland.
Kalman Floors — Kalman Floor Co Los Angeles.
Steel Sash, Steel Rolling Doors and Bridge and Train Shed Covering—Mercer Steel Co., Portland.
Glass and Glazing — W. P. Fuller & Co., Portland.
Miscellaneous and Ornamental Iron—Portland Wire & Iron Works. Portland.
Metal Toilet Partitions—M. Reuter & Sons, Portland.
Ornamental Wall Tile — Carlton Tile Co., Portland.
Roofing, Sheet Metal, Metal Canopy and Metal Doors—Ray F. Becker Co., Portland.
Steel Forms—The Steelform Contracting Co., San Francisco.
Cement—Oregon Portland Cement Co., Portland.
Concrete Aggregate — Columbia Contract Co., Portland.
Plumbing, heating and wiring contracts will be awarded shortly by Montgomery Ward Company.

Planned.
MARKET AND STATION $——
FREEDOM, Santa Cruz Co., Calif. NE Green Valley and Santa Cruz Highway.
New market and super service station.
Owner—Frank J. Scott, Corralitos, Calif.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 222 Powell Street.
Alterations to store building.
Owner — Wells Fargo Nevada Nat'l. Bank and Marie Marye, Trustee for Estate of Geo. Marye Jr.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Contractor — Mullen Mfg. Co., 60 Rausch St., San Francisco.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal.—Architect Albert B. Gardner, 629 Chamber of Commerce Bldg., commissioned by Los Angeles Board of Education to prepare plans for the reconstruction of the main building and a possible new building replacement at Menlo Ave. School, 4170 S. Menlo Ave. Cost, $105,000.

Sub-Contracts Awarded
ALTERATIONS Cost, $8,000
SAN FRANCISCO. 39 Stockton Street
Alterations to store building.
Owner—Mode-O-Day Frock Shops of Los Angeles, 860 S. Los Angeles St., Los Angeles.
Plans by Engineering Dept. of Owner.
Electric Wiring—Atlas Electric & Engineering Co., 956 Folsom Street.
Heating—Scott Co., 243 Minna Street.
Sheet Metal—Geo. Wieland, 1290 Noe.
Glass—Crowe Glass Co., 675 Golden Gate Avenue.
Lumber—San Francisco Lumber Co., Beach and Powell Streets.
Hardware—W. J. Donnelly, 75 4th St.
Painting—H. Tattersfield, 1 3 2 Commonwealth Avenue.
Marble—Vermont Marble Co., 525 Market Street.
Structural Steel—Mortenson Construction Co., 608 Indiana Street.

Contract Awarded.
OFFICE BLDG. Cost, $6700
OAKLAND, Alameda Co., Cal. Fruitvale Avenue.
One-story and basement frame and stucco office building.
Owner—Jas. F. Hannon.
Architect—Francis H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—George W. Anderson, 211 Hanover Ave., Oakland.

SUB-BIDS WANTED
SAN FRANCISCO.—G. P. W. Jensen, 320 Market St., desires sub-bids on all portions of the work for the construction of the one-story frame and stucco store building to be erected on 25th Avenue and Lawton St., for which bids will be opened March 9, 2 P. M.
Plans prepared by Architect Earle Bertz, San Francisco.

Contract Awarded.
STORE Cost, $3000
SAN MATEO, San Mateo Co., Calif. Peninsula Avenue.
One-story frame store building.
Owner—Mrs. Sophie W. Roat.
Architect—Not Given.
Contractor—M. Sorensen, 118 Bancroft Ave., San Mateo.

Contract Awarded.
STORE & RESIDENCE $4000
SAN FRANCISCO. S Taraval St. E Sixteenth Avenue.
Two-story frame store and residence.
Owner—W. R. Cook, 2071 19th Ave., San Francisco.
Architect—Not Given.
Owner—E. O. Risu, 528 Douglass St., San Francisco

17— THEATRES

Preparing Working Drawings.
THEATRE Cost, $70,000
GRASS VALLEY, Nevada Co., Calif.
New one - story reinforced concrete theatre and some remodeling work of present building (to seat 1200)

hot air heating system, etc.
Owner—Withheld.
Architect—Jorgensen and Deichmann, associated architects, 321 Bush St. San Francisco.

Plans Being Figured—Bids Close Mar. 9, 2 P. M.
ALTERATIONS Cost, $——
NAPA, Napa Co., Calif. Main Street bet. First and Pearl Streets.
Alterations to old opera house for theatre.
Owner—Napa Theatre Corp., 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Following will submit bids:
Cahill Bros., 206 Sansome St., San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Salih Bros., 25 Taylor Street, San Francisco.
Lindgren & Swinerton, 25 Taylor St. San Francisco.
Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.

Plans Being Prepared
THEATRE Cost, $50,000
NEWMAN, Stanislaus Co., Calif.
Reinforced concrete theatre (to seat 700).
Owner—Harvey Amusements, Inc.
Architect—S. Chas. Lee, 25 Taylor St., San Francisco, and 1648 Wilshire Blvd., Los Angeles.

Low Bidder.
ALTERATIONS Cost, $30,000
PETALUMA, Sonoma Co., Calif.
Alterations to theatre (work involves changes in foyer, refinish interior, move stage back, etc.)
Owner — T. & D. Theatres, Inc., 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Low Bidder—Vogensen Constr. Co., 100 Washington St., Petaluma.

Preparing Working Drawings.
ALTERATIONS Cost, $20,000
SACRAMENTO, Sacramento Co., Cal. K St., between Fifth and Sixth.
Alterations to Capital Theatre (work involves decorating, new wiring plastering, hot air heating system, air conditioning system, etc.)
Owner—T. & D. Theatres and Fox West Coast Theatres, 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Preparing Preliminary Plans
ALTERATIONS Cost, $10,000
SAN FRANCISCO. 965 Geneva Ave.
Alterations to Amazon Theatre (work involves decorating, new mezzanine floor, new balcony, wiring, painting, etc.)
Owner—T. and D. Theatres, Inc., 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner

Preparing Working Drawings
ALTERATIONS Cost, $50,000
SAN FRANCISCO. Cole and Haight Streets.
Remodel Haight Theatre.
Owner—Golden Gate Theatre Co., 25 Taylor Street.
Associated Architects—Jorgensen and Deichmann, 321 Bush Street.
Structural Engineer—L. H. Nishkian, 525 Market Street.

Contract Awarded
ALTERATIONS Cost, $30,000
PETALUMA, Sonoma Co., Calif.
Alterations to theatre (work involves changes in foyer, refinish interior, move stage back, etc.)
Owner—T. & D. Theatres Inc., 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Vogensen Const. Co., 100 Washington St., Petaluma.

18— WHARVES & DOCKS

Bids Opened
DOCK AND SHED Cost, $50,896
STOCKTON, San Joaquin Co., Calif. Stockton Waterfront.
Local freight and barge trans-shipment dock and transit shed (extension to water system, drainage railroad and road systems) heavy mill construction, corrugated iron covering, composition roofing, concrete floors, etc.
Owner—Stockton Port Commission.
Plans by Engineering Dept. of Owner
Low Bidder—O. H. Chain, 41 S. Sutter St., Stockton.
Complete bids follow:
O. H. Chain, Stockton.....$50,896
J. C. Meyers, Stockton..... 57,837
Duncanson-Harrelson Co., S. F. 62,680
M. B. McGowan, S. F..... 70,896
Recommendation made to the PWA that contract be awarded Mr. Chain at $50,896

CONTRACT AWARDED
BENICIA, Solano Co., Cal.—Duncanson Harrelson, deYoung Building, San Francisco, at $1994 awarded contract by Commanding Officer, Benicia Arsenal, for repairs to wharf at the Benicia Arsenal. Work involves replacing ten fender piles and one mooring pile by new creosoted piles, ets.

CONTRACT AWARDED
SAN DIEGO, Cal.—John G. Wood & Son, 3738 Curlew St., San Diego, at $10,200 awarded contract by Bureau of Yards and Docks, Navy Department, for repairs to concrete wharf and bulkhead at the Naval Operating Base (Air Station) San Diego. Specification No. 8072.

19—MISC. CONSTRUCTION

Bids Wanted—To Close March 20th, 1:30 P. M.
GRANDSTAND Cost, $110,000
PULLMAN, Washington. State College Campus.
Grandstand (105x390 ft.) struc. steel roof, frame exterior, built-up roofing, fir flooring, etc.; seating capacity of 2800).
Owner—State of Washington.
Architect—Stanley A. Smith, Pullman
Plans and specifications may be obtained from the architect upon deposit of $20.00.
On previous bid opening lowest bid was submitted by Howard S. Wright, 2210 Second St., Seattle, at $139,918.

Plans Being Prepared
GRANDSTAND Cost, $100,000
TAFT, Kern Co., Calif. Lincoln High School premises.
Reinforced conc. grandstand, bleachers and music pavilion (concrete floors, corrugated transite roof on grandstand, Crane Co. or equal plumbing goods, etc.)
Owner—Taft Union High School Dist.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Application filed with the WPA.

Contract Awarded.
CHAPEL Cost, $5059
SAUSALITO, Marin Co., Calif.
One-story frame and stucco undertaking chapel.
Owner — Mabel Lawrence. Stinson Beach.
Architect—Not Given.
Contractor — Vincent Maggiora, 15 Harrison Ave., Sausalito.

Bids Opened
MAUSOLEUM Cost, $——
OAKLAND, Alameda Co., Calif. End ofo Piedmont Avenue.
Interior finishing of mausoleum (marble, bronze and glass work, etc.)
Owner — Mouuntain View Cemetery Asociation, Oakland.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Complete bids follow:
(1) Lump sum.
(2) Lump sum.
(3) Lump sum.
(4) ded. for omitting certain marble and bronze rails and gates.

Dinwiddie Construction Co. Crocker Bldg., S. F.	(1)	$81,666
	(2)	81,666
	(3)	——
	(4)	2,800
Geo. J. Maurer, Oakland	(1)	82,743
	(2)	82,524
	(3)	82,939
	(4)	4,996
MacDonald & Kahn, S. F.	(1)	83,800
	(2)	83,800
	(3)	——
	(4)	2,100
Fred J. Early Jr., S. F.	(1)	84,980
	(2)	84,980
	(3)	——
	(4)	2,300
Barrett & Hilp, S. F.	(1)	85,321
	(2)	85,321
	(3)	——
	(4)	2,000
Cahill Bros., San Francisco	(1)	85,797
	(2)	86,297
	(3)	86,747
	(4)	5,344
Lindgren & Swinerton, Inc. San Francisco	(1)	86,712
	(2)	86,462
	(3)	86,877
	(4)	4,984
P. J. Walker Co., S. F.	(1)	86,977
	(2)	——
	(3)	——
	(4)	4,879
W. G. Thornally, Oakland	(1)	86 885
	(2)	87,235
	(3)	86,885
	(4)	4,879
Clinton Constr. Co., S. F.	(1)	87,000
	(2)	86,750
	(3)	87,165
	(4)	5,300

Bids held under advisement.
Alternate proposals are being considered by the owner.

CONTRACTS AWARDED
LINCOLN COUNTY, Nevada—Contract for furnishing materials to be used in the construction of 155 miles of high tension power transmission line to connect substation near Boulder Dam with Prince Substation, near Pioche, Nevada, and for 54 miles more or less of single wood pole type feeder lines in Lincoln County, have been awarded by the Lincoln County Power District No. 1, Pioche, as follows:
Copper Cable—Anaconda Copper Co. and General Cable Co.
Poles and Crossarm—Morrison Merrill Co., Salt Lake City.
Insulators—Westinghouse Electric & Mfg. Co., and the Ohio Brass Co.
Hardware—Ohio Brass Co.
Steel Cable—Electric Power Specialties Company.

CONTRACTS AWARDED
LINCOLN COUNTY, Nevada—Contracts for furnishing materials for the construction of the Boulder Dam-Pioche power transmission lines were awarded and all construction bids rejected by Lincoln County Power Dist. No. 1, Feb. 27. The district selected copper, the contract for the conductor being divided between the Anaconda Wire & Cable Co. and the

General Cable Corp. The total of the two contracts amounts to approximately $233,000. Anaconda will furnish the I-beam center conductor and the General Cable Corp. the hollow conductor. Use of copper was recommended by H. W. Crozer, PWA project engineer. Other contracts awarded were:

Morrison-Merrill Co., Salt Lake City —Timber poles at $54,000 and crossarms at $21,000.

Westinghouse Electric & Mfg. Co. —Insulators at $45,600.

Ohio Brass Co.—Insulators at $15,200 and hardware at $25,000.

Electric Power Specialty Co., steel cable at $2000.

Jeffrey-DeWitt Insulator Co. — Insulator cable clamps and hardware, $4000.

The total of the contracts awarded February 27 is $399,800, approximately half of the cost of the project.

All bids for the construction of the line were rejected due to the wide discrepancy between the high and low bids. E. C. Nickel of Los Angeles was low bidder at $80,202.50 and the high bid was $159,900.

New bids will be asked shortly.

C. R. Hagen, Pioche, is the chief engineer. *

Plans To Be Prepared.

POOL Cost, $45,000
SPRINGVILLE, Tulare Co., Calif.
New swimming pool at Tulare-Kings Counties Joint Tuberculosis Hospital
Owner — Tulare-Kings Counties Joint Tuberculosis Hospital.
Architect—Ernest K. Kump, Rowell Bldg., Fresno.

A drive is now under way to raise funds to finance the project, under the leadership of Miss Jane Barker, Visalia; $2000 is now available.

Preparing Working Drawings.

ADDITION Cost, $40,000
SAN FRANCISCO. Fleishhacker Playgrounds, Sloat Blvd. and Great Highway.
Addition to monkey island at Fleishhacker Playgrounds.
Owner—City and County of San Francisco.
Architect—Lewis P. Hobart, 525 Market St., San Francisco.

Work will be financed with WPA funds.

BIDS WANTED

SAN FRANCISCO.—Until March 13, 10 A. M., bids will be received by the Signal Officer, Headquarters, Ninth Corps Area, Presidio of San Francisco, under Proposal No. 1084 SC 36-2, for the installation of telephone conduit and manholes at Fort Winfield Scott and Crissy Field.

Capt. J. C. Grable, contracting officer.

Specifications obtainable from above office.

Construction To Start Shortly.

SWIMMING POOL Cost, $8940
UKIAH, Mendocino Co., Cal. Park Blvd.
Reinforced concrete swimming pool. (45x105 feet).
Owner—City of Ukiah.

Swimming pool is being financed with WPA funds and construction is to start in about two weeks. R. J. Pearl, is the local PWA manager.

Plans Being Completed

ORPHANAGE Cost, $65,000
SAN FRANCISCO. SE Geary and Laguna Streets.
Three-story frame and stucco orphanage.
Owner—Salvation Army, 115 Valencia.
Architect—D. D. Stone, 110 Sutter St.
Structural Engineer—F. W. Kellberg, 320 Market Street.

Preliminary Plans Being Prepared

SWIMMING POOL Cost, $175,000
BERKELEY, Alameda Co., Cal. Foot of Addison Street.
Reinforced concrete swimming pool (75x250 ft.) boathouse, filtration and chlorinating plant, bleachers.
Owner—City of Berkeley (Hollis R. Thompson, City Manager).
Architect—James W. Plachek, Mercantile Bank Bldg., Berkeley.

Project approved by the WPA.

BIDS WANTED

LONG BEACH, Cal.—Francis Gentry, structural engineer, Jergins Trust Bldg., Long Beach, is taking bids on the concrete work for the first unit of a mausoleum to be built near Long Beach for the Westminster Memorial Park. The structure will cover an area 90x40 feet and will be of reinforced concrete construction. Separate bids will be taken soon for the marble, stone, art glass, copper skylights and bronze work.

PROJECT APPROVED

POMONA, Los Angeles Co., Cal.—WPA headquarters in Washington has given final approval to the application filed by the Los Angeles county fair association for financing a new livestock building to be built on the county fairgrounds in Pomona. It will be a reinforced concrete structure with wood roof construction, 239x750 feet in area, and will replace the old livestock buildings, a portion of which were recently destroyed by fire. The cost will exceed $400,000. C. B. Afflerbaugh is secretary and manager of the fair association.

Contract Awarded.

MORTUARY Cost, $——
ATWATER, Merced Co., Calif.
Alterations to building for mortuary (chapel, reception room, etc.)
Owner—Welch & Griffin, Merced.
Architect—Not Given.
Contractor—Roy Worthington, P. O. Box 3, Atwater.

Contract Awarded

CREMATORIUM Cost, $20,500
SALINAS, Monterey Co., Calif. NW Romie Lane and 101 Highway.
Reinforced concrete crematorium.
Owner—Alisal Lodge No. 163, I.O.O.F. Salinas.
Architect—Plummer, Wurderman and Becket, care owners.
Contractor—J. Clough and J. B. Wood, 515 23rd St., Santa Monica.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

ELKO, Nev.—Mueller Co., 2801 East 12th St., Los Angeles, submitted low bid to the U. S. Indian Irrigation Service for furnishing two 48-in. circular cas iron sluice gates, complete with frames, stems, stem guides and hoist, fob cars bidder's shipping point and/or Elko, Nev., Adv. No. 0217.

The bids were:

Mueller Co., fob Chattanooga, Tenn. $1,242; fob Elko, $1542; weight, 12,500 lbs.; delivery, 30 days; discount, 2%.

Chapman Valve Mfg. Co., fob Indian Orchard, Mass., $1,542; fob Elko, $2,115; weight, 15,000 lbs.; delivery, 50 days; discount, 2%.

Koppers Const. Co., Western Gas Const. Division, Thomas Machinery Co., agents, fob Eklo, $2100; weight 7500 lbs.; delivery, 40 days.

Rodney Hunt Machine Co., Orange, Mass.; fob Elko, $2,179; delivery, 30 days; weight, $14,050 lbs. *

BIDS REJECTED

OAKLAND, Calif. — The East Bay Municipal Utility District has rejected all bids received February 19 under Proposal No. 721, for furnishing 2,200 tons of fine aggregate.

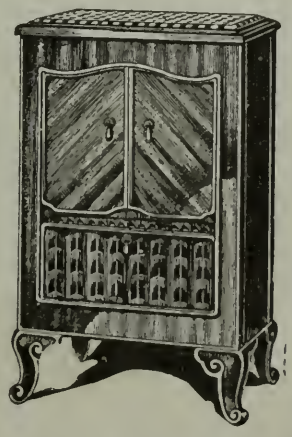
The material will be purchased in the open market. *

CONTRACT AWARDED

OAKLAND, Cal.—Henry Cowell Lime & Cement Co., 1 Franklin St., Oakland, at $2.59 per bbl., total $5,216 awarded contract by the East Bay Municipal Utility District under Proposal No. 720, for furnishing 2,400 barrels of Portland cement.

BIDS REJECTED

PASO ROBLES, San Luis Obispo Co., Cal.—All bids received by the El Paso de Robles City Council, S. S. Tucker, City Clerk, for furnishing lead, hemp, service connections, meters, cement, pipe, fittings, and asphaltic premix have been rejected and the city will purchase the materials in the open market.



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ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
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28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

ASOTIN COUNTY, Wash. — L. C. Fountain and Son, Clarkston, at $6,927 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, Feb. 25, for construction of a treated pile and timber bridge 104.5 feet long on county road, Asotin Creek Bridge.

CONTEMPLATED

FRESNO COUNTY, Calif. — County Surveyor Chas. P. Jensen has recommended to the Board of Supervisors that repairs be made to bridges recently damaged by storms. Total cost is estimated at $18,025.

Included in the recommendation is $5,000 for a new bridge on Auberry Road across Little Dry Creek channel; $2,500 for a new bridge at Jenson Ave. crossing of Watoke Creek; $1,500 for Lincoln Ave. crossing of Hills Valley Creek; $900 for reinforced concrete box culverts for the Navelencia Ave., Muscat Ave. and Hogan Ave. crossings of Buttonwillow creek; $2,000 for a new bridge at Deer Creek crossing of Trimmer Springs Road, and miscellaneous minor repairs.

SUB-CONTRACTS AWARDED

LOS ANGELES COUNTY, Calif.—Clinton Const. Co., 1103 Spring Arcade Bldg., Los Angeles, reports the following subcontracts let on the Figueroa Street overhead crossing north of Elysian Park:

Segregated Bids Being Taken.

Structural Steel — Consolidated Steel Corporation.
Cast Iron—Kay-Brunner Steel Products, Inc.
Concrete Breaking—E. A. Irish Co.
Lumber—Consolidated Lumber Co.
Rock and Sand—Azusa Rock Co.
Cement — Monolith Portland Cement Company.
Cast Iron Pipe—American Cast Iron Pipe Company.
Corrugated Metal Pipe—Western Pipe & Steel Company.
Concrete Pipe—American Concrete & Steel Pipe Company.
Miscellaneous Iron Work—Alhambra Foundry Company.
Electrical Work—Bennett & Taylor.

BIDS REJECTED

DOUGLAS COUNTY, Nevada—All bids received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, February 29, for the construction of a bridge on the State Highway system in Douglas County, approximately one mile south of Gardnerville, a length of approximately 0.02 mile, were rejected.

Isbell Constr. Co., 1300 E. 4th St., Reno, submitted low bid at $28,373, and Pacific Constr. Co., San Francisco, at $28,815 submitted second low bid. *

BIDS WANTED

STATE OF OREGON—Until March 13, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for bridge construction as follows:

Multnomah County—Construction of steel and timber overcrossing over Union Pacific Railroad on Halsey St. (Barr Road) just east of Portland. Requires approximately 16,200 cu. yds. excavation; 8,200 lin. ft. treated piling; 840 cu. yds. concrete; 156,000 lbs. metal reinforcement; 92,000 lbs. structural steel; 188 M-FBM treated lumber; 1,300 lin. ft. cable guard fence; 2,500 cu. yds. gravel sub-base; 800 cu. yds. crushed rock surfacing materials and 4,800 sq. yds. asphaltic concrete pavement.

Wallowa County — Construction of composite pile trestle bridge over Wallowa River, two 6 ft. x 3 ft. concrete box culverts and extensions to three concrete box culverts on the Enterprise-Joseph Section of the Wallowa Lake Highway. Requires approximately 90 cu. yds. excavation; 530 lin. ft. treated piling; 160 cu. yds. concrete; 28,000 lbs. metal reinforcement; 15 M-FBM treated lumber and 144 lin. ft. composite handrail.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

BIDS OPENED

WHEELER COUNTY, Ore.—Until March 12, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for construction of a composite frame trestle bridge over Kahler Creek near Spray on the John Day Highway in Wheeler County.

The work will require approximately 135 c.y. excavation, 80 c.y. concrete, 15,000 lbs. metal reinforcement, 17 MFBM treated lumber, and 170 l.f. concrete handrail.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS OPENED

YERBA BUENA ISLAND, Calif.—Healy-Tibbitts Const. Co., 64 Pine St. San Francisco, at $358 submitted low bid to the Public Works Officer, 12th Naval District, 100 Harrison Street, under Spec. No. 8172, for furnishing and driving four 60-ft. piles, creosoted, for small boat landing at the U. S. Naval Receiving Station, Yerba Buena Island.

Duncanson-Harrelson Co., at $522, submitted the only other bid.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS OPENED

SAN FRANCISCO.—Ben C. Gerwick Inc., 112 Market Street, at $2,059.50 submitted low bid to the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Proposal No. ER-868-36-5, for furnishing and driving 70 rough untreated piles at varying lengths on the shoal in San Francisco Bay north of Yerba Buena Island.

The work involves
(1) 24 piles, 40-ft. long;
(2) 26 piles, 45-ft. long;
(3) 10 piles, 50-ft. long;
(4) 10 piles, 60-ft. long.

Total bids follow:
(A) Ben C. Gerwick, Inc., $2,059.50.
(B) Healy - Tibbitts Const. Co., $2,198.50.
(C) A. W. Kitchen, $2,347.50.
(D) Duncanson - Harrelson Co., $3,425.80.
(E) M. B. McGowan, Inc., $3,511.28.

Unit bids follow:

	(1)	(2)	(3)	(4)
(A)	$28.50	$29.25	$30.00	$31.50
(B)	30.50	31.25	32.00	33.40
(C)	32.00	33.25	34.50	37.00
(D)	48.00	48.80	49.50	51.00
(E)	49.27	50.00	50.72	52.16

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—American Dredging Co., 255 California St., San Francisco, at $0.35 per c.y. on Items (A) and (B) submitted low bid to Oakland Port Commission for clamshell dredging at the Livington and Dennison St. Piers, Oakland, involving the removal of approximately 40,000 c.y. of material.

Bids were taken as follows:
(A) Per c.y. for material dredged from area adjacent to Livington Pier and Dennison wharf;
(B) Per c.y. for material dredged from Outer Harbor terminal basin.

Healy-Tibbitt Const. Co., San Francisco, at $0.42 per c.y. on item (A), and at $0.37 per c.y. on Item (B), submitted the only other bid. *

BID OPENING DATE EXTENDED

SAN FRANCISCO—Until March 12, 3 P. M. (date extended from Mar. 10, as previously reported) bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Proposal No. 868-36-2, for constructing a fill, about 15,670,000 c.y. in volume, on the shoal in San Francisco Bay, north of Yerba Buena Island, and constructing a rubble retaining wall, involving about 180,300 tons of rock, for enclosing the upper levels of said fill. The site is to be reclaimed for a municipal airport and for the 1939 Bay Bridge Exposition.

Bids will be taken as follows:
(1) 15,670,000 c.y. making fill;
(2) 64,300 tons furnishing and placing Class A rock;
(3) 35,200 tons furnishing and placing Class B rock;
(4) 80,800 tons furnishing and placing Class C rock.

A small part of the fill is to be

placed with government equipment and crews and work on this portion has already started.

The work involves making a fill about 5,520 feet long, 3,400 feet wide, to elevation 13 feet above mean lower low water, on the shoal north of Yerba Buena Island, and building a rubble retaining wall about 16,000 ft. long for inclosing the upper levels of the above fill. The work will be divided into sections 500 feet in width normal to the longitudinal axis of the fill

The estimated quantities of the various classes of rock are based on a weight of 150 lbs. per solid cubic foot of rock and the following percentages of voids in the retaining wall sections: Class A rock, 35%; Class B rock, 25%; Class C rock, 20%.

Project is financed with $3,043,120 allotment of WPA funds.

Specifications obtainable from above office. *

23—IRRIGATION PROJ.

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho—John Klug, Nyssa, at $20,521.40 awarded contract by the Bureau of Reclamation, Ontario, under Spec. No. 760-D, for construction of earthwork, concrete lining and structures, Locket Gulch Wasteway Channel, Mitchell Butte Division, Owyhee Project, near Dunaway, Oregon.

CONTRACT AWARDED

ALL-AMERICAN CANAL, Arizona-California.—David H. Ryan, 1615 Fern St., San Diego, at $99,150 awarded the contract by the Bureau of Reclamation, Federal Building, Yuma, under Spec. No. 668, for construction of earth lining on the All-American Canal, Station 419 to Station 601, and Station 803 to Station 1245, All-American Canal System, Boulder Canyon Project.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

CONTRA COSTA AND ALAMEDA Cos., Cal.—N. P. Van Volkenburgh, Hollywood, at $1.66 per hour, hand loading; and W. Ryals, Pasadena, at $1.80 per hour, power loading, submitted low bids to the Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for the rental of two pneumatic tired dump trucks, chassis weight not less than 2800 lbs., body capacity not less than 1½ cu. yd., for approximately 400 hours, to be used in Contra Costa and Alameda Counties.

Complete bids follow:

HAND LOADING

N. P. Van Volkenburgh, Hollywood, $1.66.

W. Ryals, Pasadena, $1.67.

Identical bids at $1.71 submitted by: C. O. Prentise, Oakland; C. Mankel, Sacramento; Joe Cunha, Hayward; G. D. Westover, Hayward; P. D. Jordan, Oakland; E. Della Rosa, Martinez Portola Truck Service, S. F.; A. L. Green, Oakland; W. Motta, Oakland, and Daniel Gallagher, S. F.

L. A. Herlyck, Pasadena, $1.78.

Rock & Gravel Trucking Co., Oakland, $1.87.

Paul O. Nelson, Redwood City, $2.00

A. Morton, Menlo Park, $2.21.

POWER LOADING

W. Ryals, Pasadena, $1.80.

Identical bids at $1.87 submitted by: C. Mankel, Sacramento; G. D. Westover, Hayward; E. Della Rosa, Martinez and Daniel Gallagher, S. F.

W. Motta, Oakland, $1.97.

Bids held under advisement.

BIDS OPENED

MARIN and Sonoma Counties, Cal.—A. Helwig, Sebastopol, at $2.74 per hour for hand loading, and A. Morton, Menlo Park, at $3.20 per hour for power loading, submitted low bids to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg. San Francisco, for the rental of two pneumatic-tired dump trucks, chassis weight not less than 8000 lbs., body capacity not less than 4 c.y., for approximately 1,000 hours, to be used in Marin and Sonoma Counties.

Complete bids follow:

HAND LOADING

A. Helwig, Sebastopol, $2.74.

D. A. Lewis, $2.78.

Identical bids at $2.87 submitted by: Harrison & Harrison, Oakland; Rock & Gravel Trucking Co., Oakland; A. Morton, Menlo Park; C. & L. Trucking Co.; J. P. Barrett; A. L. Giorgi; San Bruno Ave. Feed & Fuel Co.; F. A. Culbertson; C. Mankel, Sacramento; Frank O'Shea; Allan R. Morrinson, and Daniel Gallagher.

Pacific Truck Service, San Jose, $3.

POWER LOADING

A. Morton, Menlo Park, $3.20.

Identical bids at $3.21 submitted by: C. W. Beguhl, Millbrae; A. L. Giorgi; San Brune Ave. Feed & Fuel Co.; C. Mankel, Sacramento; Frank O'Shea, Sacramento; T. O. O'Brien, Allan R. Morrinson; Daniel Gallagher, and W. K. Walker.

Bids held under advisement.

BIDS OPENED

MARIN and Sonoma Counties, Cal.—Robinson & Rulafson, Healdsburg, at $4.20 per hour submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer State Bldg., San Francisco, for the rental of one power shovel of not less than ½-c.y. capacity, with suitable trailer for moving between various assignments, while on the job, for approximately 500 hours, to be used in Marin and Sonoma Counties.

Complete bids fellow:

Robinson & Rulafson, Healdsburg	$4.20
Rock & Gravel Truck. Co., Oakland	4.50
Harrison & Harrison, Oakland	4.65
L. A. Wood, Sacramento	5.50
Edward R. Bacon Co., S. F.	5.50
F. A. Lance, San Jose	5.50
C. Mankel, Sacramento	6.00
Williamson & Son, S. F.	6.75
A. E. Garcia, Jr., Irvington	7.50

Bids held under advisement.

BIDS OPENED

SALT RIVER PROJECT, Arizona.—Following bids received by the Bureau of Reclamation, Denver, Feb. 27, under Spec. No. 767-D, for furnishing nineteen motor - driven radial gate hoists; nineteen gate position indicators; new parts for alterations to 19 radial gates; and pipe handrailings and accessories for installation in the north and south spillways of Roosevelt Dam, Salt River Project:

(1) Radial gate hoists;
(2) Gate position indicators;
(3) Radial gate alterations;
(4) Pipe handrails.

Consolidated Steel Corp., Ltd., Los Angeles: (1) $26,950; (2) $940; (3) $5,000; (4) $1,175; (1 and 2) $27,500.

Valley Iron Works, Yakima: (1) $22,915; (2) $521; (3) $5,517; (4) $782.

Crane O'Fallon Co., Denver: (4) $742 fob Mesa, Ariz.

Hardie-Tynes Mfg. Co., Birmingham Ala.: (1) $32,780.

A. F. Wagner Iron Works, Milwaukee: (4) $972.

Madsen Iron Works, Ltd., Huntington Park, Cal.: (1) $24,524; (2) $836; fob Los Angeles.

Foote Bros. Gear & Machine Co., Chicago: (1) $29,800; (2) $850; (1 and 2) $29,975.

Philips & Davies, Inc., Kenton, O.: (1) $41,000; (2) $385; (3) $9,000; (4) $866.

S. Morgan Smith Co., York, Pa.: (1) $22,998; (2) $893.

John W. Beam Co., Denver: (1) $26-780; (2) $1,300; (1 and 2) $27,750; fob Denver.

John W. Beam Co., Denver: (3) $4,-300; (3 and 4) $5,050; fob Peotone, Ill.

John W. Beam Co., Denver: (4) $758 fob Chicago.

Long Beach Iron W'ks, Long Beach, Cal.: (1) $23,596; (2) $800; (1 and 2) $24,196.

Pacific Iron & Steel Works, Tacoma (1) $25,210; (2) $1,017; (3) $5,260; (4) $1,235.

Steacy Schmidt Mfg. Co., York, Pa.: (1) $28,150; (2) $1,150; (3) $9,600; (4) $585.

Omaha Steel Works, Omaha: (1) $27,000; (2) $775; (3) $5,877; (4) $1,067.

Darveyshire-Harvie Iron & Machine Co., El Paso, Texas: (1) $29,961; (3) $4,600.

Lakeside Bridge & Steel Co., Milwaukee: (1) $29,925; (2) $855; (3) $4,-931; (4) $966; (1, 2, 3, 4) $35,985.

Los Angeles Valve & Fittings Co., Los Angeles: (1) $25,653.25.

Caravel Industries Corp., New York: (1) $24,892, fob Springfield; (2) $1,083 fob New York; (3) $7,347 fob Bayonne, N. J.; (1 and 2) $25,892, fob Springfield.

Minneapolis - Moline Power Implement Co., Minneapolis: (1) $92,870; (2) $1,206.50; (3) $6,819; (4) $1,000.

California Steel Products Co., San Francisco: (3) $5,435; (4) $685.

Milwaukee Bridge Co., Milwaukee: (3) $5,230; (4) $990.

Clyde Sales Co., Duluth, Minn.: (1) $30,282.53; (2) $908.07.

Ogden Iron Works Co., Ogden: (1) $26,665.50.

Lincoln Machine Co., Pawtucket, R. I.: (2) $988, fob Providence, R. I.

Commercial Iron Works, Portland, Ore.: (1) $21,710.

All bids held under advisement.

BIDS OPENED

ALAMEDA AND CONTRA COSTA COUNTIES, Cal.—C. Manzel, 2924½ 35th St., Sacramento, at $5.33 per hour submitted low bid to the Division of Highways, Jno. H. Skeggs District Engineer, San Francisco, for the rental of one truck crane equipped with clamshell bucket, capacity not less than ½ cu. yd., for approximately 150 hours, to be used in Alameda and Contra Costa Counties.

The other bids were:

Western Crane Service, Oakland, $5.92 per hour.

Joe Gerrick & Co., San Francisco, $6.50 per hour. *

CONTRACTS AWARDED

BOULDER CITY, Nevada. — Pacific Electric Mfg. Co., San Francisco, at $15,715 for circuit breakers, and the Bowie Switch Co., San Francisco, at $7,046 for disconnecting switches, were awarded contracts by the Bureau of Reclamation, Denver, under Spec. No. 744-D, for furnishing circuit breakers and disconnecting switches for installation in the switchyard at the Boulder Power Plant.

BIDS OPENED

LOS ANGELES, Calif. — Bids for furnishing 49 steel batch car bodies for use in concrete work(Specifications No. 1417, were opened by the Metropolitan Water District Feb. 28. The bkls were:

Buehler Tank & Welding Works, $215 each; total, $10,535. No use tax; no discount; f.o.b. 5000 Pacific Blvd., Los Angeles.

Koppel Industrial Car & Equipment Co., $209 each; total, $10,241. F.o.b. Koppel, Pa.; no discount; use tax to be added.

Pacific Iron & Steel Co., Ltd., $230

each; total, $11,270. No use tax; no discount; f.o.b. 116th and Alameda Sts.

Western Pipe & Steel Co., $230 each; total, $11,270. No use tax; no discount; f.o.b. Los Angeles.

National Tank & Mfg. Co., $241.02 each; total, $11,809.98. No use tax; no discount; f.o.b. Los Angeles, bidder's plant.

A. J. Bayer Co., $246 each; total, $12,054. No use tax; discount, ½ of 1%; f.o.b. Santa Fe and Slauson Aves.

Consolidated Steel Corp., Ltd., 282.25 each; total, $13,830.25. No use tax; no discount; delivery Los Angeles.

Lakeside Bridge & Steel Co., Milwaukee, Wis., $285 each; total, $13,965. F.o.b. Milwaukee; use tax to be added; no discount.

Emsco Derrick & Equipment Co., $328 each; total, $16,072. No use tax; no discount; f.o.b. cars or trucks bidder's plant, Los Angeles.

Brown-Bevis Equipment Co., $340.60 each; total, $16,689.40. Sales tax, $500.68—total bid, $17,190.08; no discount; f.o.b. Los Angeles.

American Pipe & Steel Corp., Ltd., $361 each; total, $17,689. No use tax; no discount; f.o.b. Alhambra.

Southwestern Engineering Co., $367 each; total, $17,983. No discount; f.o.b. 4800 Santa Fe Ave.

CONTRACT AWARDED

DENVER, Colo.—Bartlett-Hayward Co., Baltimore, at $43,470 awarded contract by the Bureau of Reclamation, Denver, for furnishing high pressure gates at the Moon Lake Dam, Taylor Park Dam and Island Park Dam, Spec. No. 666. Complete bids published Feb. 13.

26— RAILROADS

CONTRACT AWARDED

LONG BEACH, Cal.—Pacific Electric Railroad Co. was awarded the contract by Long Beach city council at $42,715.06 for furnishing track materials. The bids were opened Jan. 29.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

MENDOCINO COUNTY, Cal.—Hemstreet & Bell, 501 11th St., P. O. Box 550, Marysville, at $341,232.50 awarded contract by the State Highway Commission, Sacramento, for about 14.5 miles of grading in Mendocino County between Longvale and Dos Rios.

BIDS WANTED

NAPA COUNTY, Cal.—Until March 25, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.6 miles surfacing with crusher run base and plant-mixed surfacing in Napa County between the Napa city limits and the Napa Wye.

The work involves

(1) 500 c.y. struc. excav.;
(2) 9,800 tons of imported borrow (shoulders);
(3) 4,900 tons crusher run base;
(4) 4,750 tons mineral agg. (plant-mixed surfacing);
(5) 240 tons liquid asphalt MC-5 or MC - extra heavy (plant-mixed surfacing);
(6) 31 tons liquid asph. MC-2 (prime coat);
(7) 22 tons liquid asph. (MC-3 (seal coat);
(8) 30 tons of liquid asphalt SC-1A (shoulders);
(9) 350 tons screenings (seal coat & shoulders);
(10) 6,750 lbs. bar reinf. steel;
(11) 97 c.y. Class A Portland cement concrete (struc.);
(12) 8 l.f. 15-in. CMP;
(13) 36 l.f. 18-in. CMP;
(14) 8 l.f. 24-in. CMP;
(15) 4 l.f. 30-in. CMP;
(16) 14 each headwalls, removed and reset;
(17) 800 l.f. 8-in. perf. metal pipe;
(18) 150 c.y. rock filling material;
(19) 10 c.y. concrete removed and disposed of.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Claude C. Wood, 669 Bedford Road, Stockton, at $19,302.25 awarded contract by the State Highway Commission, Sacramento, for constructing crusher run base and applying armor coat on about 3.8 miles in Alameda County, between Laguna Creek and Dublin.

CONTRACT AWARDED

MONTEREY COUNTY, Cal.—Young & Son Co., Ltd., 599 Colusa Avenue, Berkeley, at $20,915.60 awarded contract by the State Highway Commission, Sacramento, for about 1.1 mile grading, surfacing with selected material and treating with liquid asphalt in Monterey County, between Lewis Creek and Priest Valley.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Square Oil Co., 916 Adobe St., Los Angeles, at $1045.25 awarded contract by the State Highway Commission, Sacramento, for applying diesel oil to roadside vegetation for a distance of about 85 roadside miles at various locations in San Diego County.

BIDS WANTED

MADERA CO., Cal.—Until Mar. 25, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about eight miles grading and oiling in Madera County between Kelshaw Corners and Coarse Gold.

The work involves:

(1) 1 lot clearing and grubbing;
(2) 1,200 M. gals. water;
(3) 296,000 c.y. rdwy. excav., unclass.
(4) 27,500 c.y. imported borrow;
(5) 1,250,000 sta. yds. overhaul;
(6) 2,700 c.y. ditch excavation;
(7) 3,800 c.y. struc. excavation;
(8) 421 sta. finishing rdwy.;
(9) 285 tons liquid asphalt SC-2;
(10) 600 c.y. Class A Portland cement concrete (struc.);
(11) 71,000 lbs. bar reinf. steel;
(12) 54 each spillway assemblies;
(13) 918 l.f. 8-in. CMP;
(14) 14 l.f. 12-in. CMP;
(15) 196 l.f. 18-in. CMP;
(16) 4,410 l.f. 24-in. CMP;
(17) 38 l.f. 30-in. CMP;
(18) 164 l.f. 12-in. perf. metal pipe underdrains;
(19) 50 l.f. 8-in. do;
(20) 50 c.y. rock filling material (underdrains);
(21) 85 each culvert markers;
(22) 60 l.f. laminated guard railing;
(23) 14.75 miles new property fence (standard);
(24) 1.25 miles do (hog tight);
(25) 22 each drive gates;
(26) 170 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer P. O. Box 1499 Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until March 26, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 8.1 miles widening pavement with Portland cement concrete and treating adjacent shoulders with liquid asphalt, in Los Angeles County bet. Lancaster and the Kern County line.

The work involves:

(1) 340 M gals. water;
(2) 430 sta salvaging exist. oiled shoulders;
(3) 24,000 sq. yds. preparing subgrade
(4) 430 sta. finishing roadway;
(5) 40 tons liquid asphalt SC-2 (prime coat);
(6) 160 tons liquid asphalt SC-2 (shoulders);
(7) 39,000 sq. yds. preparing, mixing and shaping shoulders;
(8) 4060 cu. yds. Class B Portland cement concrete (pave);
(9) 12,000 lbs. bar reinf. steel;
(10) 7200 each pave dowels.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499 Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

COMPLETE BID LISTING

COCONINO CO., Arizona—Lee Moor Contr. Co., El Paso, Texas, at $85,241.44, as previously reported, submitted low bid to the Bureau of Public Roads 414 Title & Trust Bldg., Phoenix, for placing base course surfacing on 12.696 miles of Sections G and H of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Coconino County, Ariz.

The work involves:

(1) 12,500 c.y. sand for stabilizing;
(2) 12.696 miles mixing sand and subgrade material;
(3) 26,600 tons crush. rock base course
(4) 2,125 M. gals. watering.

Total bids follow:

(A) Lee Moor Contr. Co., El Paso, $85,241.44.
(B) Skousen Bros., Albuquerque, New Mexico, $100,029.00.
(C) Southern California Roads Co., Los Angeles, $100,816.55.
(D) Engineer's estimate, $73,786.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.70	$ 1.50	$ 1.40	$ 1.50
(2)	390.00	1500.00	550.00	250.00
(3)	1.90	2.10	2.65	1.75
(4)	4.00	3.00	2.75	2.50

Award was recommended to Lee Moor Contr. Co. at $85,241.44.

CONTEMPLATED

WATSONVILLE, Monterey Co., Cal.—City Engineer Bert Kitchen will prepare plans shortly for the improvement of East Lake Avenue from Main St. easterly to Lincoln St. Work will be financed by the city's $20,000 share of State gasoline tax funds.

Sidewalks on each side of the street will be cut back two feet; electroliers will be moved back, and 7-ft. concrete parking strips placed on each side of the roadbed.

BIDS OPENED

SAN DIEGO CO., Cal.—Square Oil Co., 916 Adobe St., Los Angeles, at $1,045.25 submitted low bid to the Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for applying diesel oil to roadside vegetation for a distance of about 85 roadside miles at various locations in San Diego County.

The item was: (1) 565 bbls. diesel oil.

Complete bids were:

Square Oil Co., Los Angeles: (1) $1.85; total, $1045.25.

Consumers Oil Co., Los Angeles: (1) $2.42; total, $7367.30.

R. E. Hazard & Son, San Diego: (1) $2.72; total, $1536.80.

Gilmore Oil Co., Los Angeles: (1) $2.95; total, $1666.75.

Paulsen & March, Los Angeles: (1) $3.20; total, $1808.

LOW BIDDERS

NAVAJO AND APACHE COUNTIES, Arizona—Packard Contracting Co., 402 Title & Trust Bldg., Phoenix, at $192,740 submitted low bid to the Arizona State Highway Commission, Phoenix, for the construction of the Showlow-Springville Highway, WPH 105B; A.F.E. 6022.

The work, which begins about 17 miles east of Showlow and extends easterly for a distance of 10 miles, consists of grading, draining and placing aggregate base course, and is to be completed on or before January 31, 1937.

The principal items and approximate quantities are:

44,400 cu yds. roadway excavation;
1,400 cu. yds. structure excavation;
2,600 cu. yds. rock fill;
156,700 cu. yds. imported borrow;
150,800 cu. yds. mi. imported borrow haul;
28,400 tons aggregate base course (CIP);
1,300 cu. yds. class A concrete;
127,000 lbs. reinforcing steel;
1,752 lin. ft. corrugated metal pipe (4 sizes);
106,000 lin. ft. line fence;
2,112 lin. ft. road guard;
3,100 M. gals. sprinkling;
780 hours rolling.

Funds in the amount of $240,000 have been programmed for the construction of this project. T. S. O'Connell, State Highway Engineer.

O. F. Fisher, Phoenix, submitted the second low bid at $205,990.

LOW BIDDER

APACHE COUNTY, Arizona—R. C. Tanner Co., Out West Bldg., Phoenix, at $155,757 submitted low bid to the Arizona State Highway Commission, Phoenix, for construction of the Showlow - Concho Highway, WPSO 104-A, AFE 609. The work, which is located between Ortega Lake and Concho, consists of grading and draining two separate sections of roadway totaling about 13.1 miles in length, and is to be completed on or before December 31, 1936.

The principal items and approximate quantities are:

66,700 cu. yds. roadway excavation;
5,400 cu. yds. drainage excavation;
1,000 cu. yds. structure excavation;
69,900 sta. yds. overhaul;
5,800 cu. yds. ml. haul;
226,200 cu. yds. imported borrow;
191,700 cu. yd. mi. imported borrow haul;
387 cu. yds. class A concrete;
23,800 lbs. reinf. steel;
2,150 lin. ft. corr. metal pipe (5 sizes);
4 each cattle guards;
14,300 lin. ft. line fence;
250 hours rolling.

Funds in the amount of $217,323.25 have been programmed for the construction of this project. T. S. O'Connell, State Highway Engineer.

Packard Contracting Co., Phoenix, submitted the second low bid at $165,-220.

LOW BIDDERS

MOHAVE COUNTY, Arizona — N. C. Hill and Co., 1145 W. Culver St., Phoenix, at $123,818 submitted low bid to the Arizona State Highway Commission, Phoenix, for construction of the Kingman-Boulder Dam Highway WPSS 102-A&B; A.F.E. 6907; WPSS 102-C, A.F.E. 6910.

The work, which begins about 30 miles northwest of Kingman and extends northwesterly about 19 miles, consists of oil processing by the road mix method, using cutback asphalt, and is to be completed on or before December 31, 1936.

The principal items and approximate quantities are:

315,100 sq. yds. reshaping road surface;
450 M. gal. sprinkling;
370 hours rolling;
9,000 tons aggregate base course (CIP);
10,900 tons shoulder material (CIP);
31,300 tons mineral aggregate (CIP);
1,390 tons cutback asphalt;
470 tons emulsified asphalt;
19.15 miles processing road mix;
3,400 tons screenings;
2,500 cu. yds. stripping pits.

Funds in the amount of $130,000 have been programmed for the construction of this project. T. S. O'Connell, State Highway Engineer

Southern California Roads Co., Los Angeles, submitted the second low bid at $124,355.

BIDS OPENED

COCONINO COUNTY, Arizona—Lee Moor Contr. Co., Albuquerque, N. M., at $85,241.44 submitted the lowest of three bids received and was recommended for award of contract by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for placing base course surfacing on 12.696 miles of Sections G and H of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Coconino Co., Arizona.

Total bids follow:

Lee Moore Contr. Co., Albuquerque $85,241.44
Skousen Bros., Albuquerque..100,029.00
Southern Calif. Roads Co., Los Angeles 100,816.55
Engineer's estimate 73,786.50

BIDS WANTED

INYO COUNTY, Cal.—Until March 12, 2 P. M., bids will be received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for grading 1.8 miles in Inyo County between eight miles southeast of Keeler and Centennial Wash.

Plans and specifications obtainable from the above office.

CONTRACTS AWARDED

STATE OF WASHINGTON. — Bids for highway construction were opened by L. V. Murrow, Director of Highways, Olympia, February 25, and action taken as follows:

Thurston County: Paving with asphaltic concrete on about 1.4 miles of State Road No. 1 Capitol Way in Olympia, involving about 4748 tons of asphaltic concrete and other items.

Awarded: Warren Northwest, Inc., P. O. Box 5072, Portland, $37,522.

Kittitas County: Grading and ballasting on about 5.3 miles of State Road No. 7, High-Line Canal to Summit, involving about 172,820 cubic yards of excavation, 30,000 cubic yards of ballast, 1572 linear feet of pipe culverts and other items.

Awarded: C. E. Oneal Co., Inc., Stevenson, $114,551.

Klickitat County: Grading and surfacing about 2.2 miles of county road, Goodnoe Hills Vicinity, involving about 76,560 cu. yds. of excavation, 3610 cu. yds. of crushed stone surfacing, 1602 lin. ft. of pipe culverts and other items.

Awarded: J. C. Papin, Carson, Wash., $42,250.

Cowlitz County: Clearing, grading, surfacing and constructing a light bituminous surface treatment on about 1.9 miles of county road, Hillside Acres Road, involving about 7 acres of clearing, 12,650 cu. yds. of excavation, 8120 cu. yds. of crushed stone surfacing and ballast, 41 tons of bituminous cement, 937 linear feet, of pipe culverts and other items.

Awarded: Hendricks & Co., Chehalis, $17,926.

Bids on two projects in Kitsap and Grays Harbor Counties were rejected.

Kitsap County: Paving with Portland cement concrete and asphaltic concrete on about 0.4 miles of State Road No. 21, Sixth Street in the City of Bremerton involving about 224 square yards of cement concrete pavement, 451 cubic yards of cement concrete pavement widening and patching, 763 tons of asphaltic concrete, 118 linear feet of pipe culverts and other items.

Low bidder: Washington Asphalt Co., Seattle, $11,040 hot asphalt; $15,-443 cold asphalt.

Grays Harbor County: Paving with Portland cement concrete and asphaltic concrete and constructing asphaltic concrete sidewalks and shoulders on about 1.9 miles of State Road No. 9, City Streets in Hoquiam, involving about 93 cubic yards of cement concrete pavement, 175 square yards of cement concrete sidewalk, 3432 tons of asphaltic concrete, 160 linear feet of pipe culverts and other items.

Low bidder, United Contracting Co., Portland, $38,464.

PLANS APPROVED

SAN JOSE, Santa Clara Co., Calif. —City Council has approved plans and specifications for the improvement of West Virginia and Home Streets from Palm to Prevost Sts., and a call for bid will be issued shortly. Estimated cost, $3900.

W. L. Popp, City Engineer.

San Bernardino, Riverside Cos.—14.4 Miles Grade & Treat.

SAN BERNARDINO and Riverside Counties, Cal.—Clyde W. Wood, Box 49, Stockton, at $20,308, as previously reported, submitted low bid to State Highway Engineer, Los Angeles, for about 14.4 miles grading and treating shoulders with liquid asphalt, in San Bernardino and Riverside Counties, between Ontario and Riverside.

The work involves:

(1) 200 c.y. rdwy. excav., unclass.;
(2) 3,000 c.y. imported selected material;
(3) 14.4 miles finishing roadway;
(4) 1,030 tons liquid asph. SC-2 (road-mix surface treatment);
(5) 101,500 sq. yds. preparing, mixing and shaping shoulders;
(6) 106 tons liquid asphalt 90-95 (seal coat);
(7) 1,270 tons screenings (seal coat).

Total bids follow:

(A) C. W. Wood, Stockton, $20,308.
(B) Matich Bros., Elsinore, $21,412.50
(C) Geo. Herz & Co., San Bernardino, $22,955.
(D) A. S. Vinnell Co., Los Angeles, $23,042.20.
(E) P. J. Akmadzich, Los Angeles, $25,195.00.
(F) Oswald Bros., Los Angeles, $26,-659.50.
(G) Oilfields Trucking Co., Bakersfield, $27,519.10.
(H) Dimmitt & Taylor, Los Angeles, $28,174.00.
(I) Basich Bros., Torrance, $28,580.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ .50	$ .75	$ .50	$ 1.50	$ 1.00	$ .60	$ .30	$ .50	$ .75
(2)	1.25	.85	.96	1.25	1.00	.80	1.75	1.20	1.50
(3)	50.00	100.00	140.00	28.00	60.00	140.00	100.00	300.00	200.00
(4)	7.00	7.40	8.00	7.20	8.00	9.25	8.50	8.00	10.00
(5)	.045	.045	.044	.065	.07	.064	.07	.065	.06
(6)	14.00	18.00	22.00	21.00	20.00	24.00	16.00	22.00	20.00
(7)	1.95	2.50	2.30	1.85	3.00	2.80	2.53	3.35	2.00

BIDS WANTED

SAN FRANCISCO—Until March 18, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,-915, for the construction or reconstruction of approximately 10,000 sq. ft. of one-course concrete sidewalks on Chestnut and other streets.

Plans and specifications obtainable from the office of City Engineer John J. Casey, upon cash deposit of $10.

CONTRACT AWARDED

SAN FRANCISCO—E. J. Treacy, 903 Call Bldg., at $3066.61 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,884, for the imuprovement of Francisco St., between Kearny and Montgomery, where not already improved, including the crossing of Francisco and Kearny street, and excluding that portion of the crossing required by law to be paved by the owner of the railroad tracks thereon.

BIDS WANTED

INYO COUNTY, Cal.—Until March 12, 2 P. M., as previously reported, bids will be received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for grading 1.8 mi. in Inyo County between eight miles southeast of Keeler and Centennial Wash.

The work involves:

(1) 26,500 c.y. rdwy. excav., unclass.;
(2) 67,000 sta. yds. overnaul;
(3) 100 c.y. structure excavation;
(4) 250 l.f. 18-in. CMP, in place;
(5) 42 monuments, complete in place.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

WHITE PINE COUNTY, Nevada—U. E. Lee, 1059 Carpentier St., San Leandro, at $48,732.22 submitted low bid and awarded contract by the Nevada State Highway Directors, Robt. A Allen, State Highway Engineer, Carson City, for the Construction of a portion of the State highway system in White Pine County, from east foot of Connors Pass to Five miles east, Route 14, Section A1, a length of approximately 5.39 miles.

Geo. French Jr., Stockton, at $54,-036.20 submitted second low bid.

BIDS WANTED

PALO ALTO, Santa Clara Co., Cal.—Until March 13, 4 P. M., bids will be received by the Palo Alto Board of Public Works, E. L. Beach, Clerk, City Hall, for paving and sewer construction as follows:

(1) Construction of an asphalt concrete pavement, 10-in. concrete storm sewer with catchbasins on Page Mill Road from El Camino Real to Southern Pacific Railroad.
(2) Construction of an asphaltic concrete pavement on Oregon Ave. from Middlefield Road to Alma Street;
(3) Repaving of Middlefield Road from San Francisquito Creek to Hamilton Ave. with an asphaltic concrete pavement and the construction of concrete gutters, curbs and a 12-n. concrete storm sewer with catchbasins and manhole.
(4) Construction of concrete curb and gutter on north side and the paving with asphaltic concrete of Palo Alto Ave. from Seneca St to Hale St.

The work involves:

(1) 95,000 sq ft. macadam base removal and replacement;
(2) 235,250 sq. ft. roadway excavation and grading;
(3) 3700 cu. yds. crusher or pit-run rock base in place;
(4) 2850 tons asphaltic concrete in place;
(5) 2888 sq. ft. 2-ft. Portland cement concrete cutters;
(6) 1340 lin. ft. concrete curbs;
(7) 460 lin. ft. 12-in. concrete sewer pipe;
(8) 120 lin. ft. 10-in. concrete sewer pipe;
(9) One brick manhole;
(10) 5 storm water inlets.

Plans and specifications obtainable from the City Engineer's office upon deposit of $5.

Work shall be completed within 120 calendar days after date of final approval by the PWA. * *

CONTEMPLATED

PITTSBURG, Contra Costa Co., Cal.—Plans and specifications for the widening of ¼ mile of Railroad Ave., from the Southern Pacific tracks to School St., and for the improvement of East Tenth St., will be forwarded to the State Division of Highways for approval in the near future. Approximately $15,000 of State gasoline tax money is available for the two projects.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until March 26, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 0.7 mile grading and surfacing with plant-mixed surfacing in San Bernardino Co., at the Little Mountain entrance to San Bernardino.

The work involves

(1) 3,025 M. gals. water;
(2) 116,200 c.y. rdwy. excav., unclass.
(3) 200 c.y. top soil;
(4) 200,200 sta. yds. overhaul;
(5) 410 c.y. struc. excav.;
(6) 35 sta. finishing rdwy.;
(7) 2,605 tons of mineral aggregate (plant-mixed surf.);
(8) 109 tons liquid asph. SC-4 (plant-mixed surf.);
(9) 11 tons liquid asphalt 90-95 (seal coat);
(10) 112 tons screenings (seal coat);
(11) 300 lbs. bar reinf. steel;
(12) 4 c.y. Class A Portland cement concrete (struc.);
(13) 146 l.f. 8-in. CMP;
(14) 338 l.f. 18-in. CMP;
(15) 54 each guide posts;
(16) 25 each monuments;
(17) 1,200 l.f. pier and chain structure with curb and gutter.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until March 26, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 5.1 miles grading and paving with Portland cement concrete in San Bernardino County between the Santa Ana river and Alabama Street.

The work involves

(1) 1,040 M. gals. water;
(2) 40,000 c.y. rdwy. excav., unclass.
(3) 1,230 c.y. struc. excav.;
(4) 1,976,000 sta. yds. overhaul;
(5) 775 c.y. removing existing conc.;
(6) 1,450 c.y. sand;
(7) 15,800 sq. yds. blending subgrade;
(8) 35,700 s. yds. preparing do;
(9) 150 tons coarse rock subgrade;
(10) 268 sta. finishing rdwy.;
(11) 70 tons untreated crushed gravel or stone (surf.);
(12) 32 tons liquid asph. SC-2 (prime coat);
(13) 260 tons liquid asph. SC-2 (plant-mixed surf.);
(14) 4,950 tons mineral agg. (plant-mixed surf.);
(15) 33 tons liquid asphalt 90-95 (seal coat);
(16) 389 tons screenings (seal coat);
(17) 7,252 c.y. Class B Portland cement concrete (pavement);
(18) 14,500 each pavement dowels;
(19) 38,250 lbs. bar reinf. steel (pavement and struc.);
(20) 57 c.y. Class A Portland cement concrete (struc.);
(21) 2 c.y. Class F Portland cement concrete (railing);
(22) 1 only steel frame and cover for drop inlet;
(23) 524 l.f. 24-in. CMP;
(24) 64 l.f. 36-in. CMP;
(25) 817 l.f. pipe culverts, clean and relay;
(26) 213 l.f. pipe culverts, remove and salvage;
(27) 210 c.y. Class A Portland cement concrete (curbs);
(28) 9 c.y. Class A Portland cement concrete (gutters);
(29) 52 l.f. laminated guard railing;
(30) 52 l.f. temporary timber railing;
(31) 315 l.f. cable guard railing, remove and salvage;
(32) 1 mile new property fence;
(33) 6 each drive gates;
(34) 40 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino. * *

BIDS WANTED

STATE OF OREGON—Until March 12, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction as follows:

Coos and Douglas Counties—Winchester Bay-North Bend Rock Production Project. Furnish approximately 11,000 cu. yds. crushed rock or crushed gravel in stockpile.

Columbia County—Columbia County Oiling Project on four sections of county road. 8.46 miles crushed rock surfacing and oil mat surface treatment. Requires approximately 2,650 cu. yds. crushed rock surfacing materials; and 86,000 sq. yds. oil mat surface treatment.

Columbia County — Mist-Pittsburgh Section of Nehalem Secondary Highway and Mist-Clatskanie Secondary Highway. 11.63 miles crushed rock resurfacing and oil mat surface treatment; also furnish 2,000 cu. yds. crushed rock in stockpile. Requires approximately 3,000 cu. yds. crushed rock surfacing materials; 123,000 sq. yds. oil mat surface treatment and 2,000 cu. yds. crushed rock in stockpile.

Klamath county — Klamath Falls-Midland Section of Klamath Falls-Weed Hihgway. 4.93 miles bituminous macadam surfacing; also furnish 3,000 cu. yds. crushed rock in stockpile. Requires approximately 4,300 cu. yds. excavation; 5,000 lin. ft. cable guard fence; 47,000 cu. yds. crushed rock sub-base, base and shoulder materials; 59,000 sq. yds. bitumineus macadam wearing surface; and furnish 3,000 cu. yds. crushed rock in stockpile.

Lane County—Approaches to Siuslaw River Bridge on Oregon Coast Highway. 0.47 mile grading and rock surfacing; also furnish 300 cu. yds. crushed rock in stockpile. Requires approximately 11,500 cu. yds. excavation; 750 lin. ft. concrete curb; 70 lin. ft. timber stairs; 2,000 cu. yds. sub-base materials; 1,600 cu. yds. crushed rock or crushed gravel surfacing materials; and furnish 300 cu. yds. crushed materials in stockpile.

Lincoln County—Approaches to Alsea Bay Bridge on Oregon Coast Highway. 0.36 mile grading and rock

surfacing; also furnish crushed rock in stockpile. Requires approximately 20,000 cu. yds. excavation; 240 lin. ft. concrete curb; 70 cu. yds. cement rubble masonry walls; 5,600 cu. yds. crushed rock surfacing materials; and 1,900 cu. yds. crushed rock in stockpile.

Multnomah County—Humphrey Boulevard, 45th Avenue and Cameron Road Bituminous Macadam Project on two sections of county road. 3.06 miles surfacing and bituminous macadam wearing surface. Requires approximately 2,400 cu. yds. excavation; 8,800 cu. yds. pit-run gravel sub-base materials; 2,550 cu. yds. crushed gravel base and shoulder materials; 1,000 cu. yds. salvaged surfacing materials; and 33,000 sq. yds. bituminous macadam wearing surface.

Wasco County—The Dalles-Threemile Creek Section on three sections of county road. 4.0 miles oil mat surface treatment requiring approximately 35,000 sq. yds. oil mat surface treatment.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

BIDS OPENED

STATE OF OREGON—Until March 13, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction as follows:

Clatsop and Tillamook Counties—Bear Creek-Bare Mountain Summit Section of Wolf Creek Highway. 2.17 miles grading, requiring approximately 154,000 cu. yds. excavation; 50 cu. yds. concrete; and 7,500 lbs. metal reinforcement.

Crook and Deschutes Counties—Redmond Rock Production Project. Furnish approximately 8,700 cu. yds. crushed gravel in stockpile.

Lincoln County—Approaches to Yaquina Bay Bridge on Oregon Coast Highway. 0.64 mile grading, 0.55 mile bituminous macadam surfacing, and furnishing crushed rock in stockpile. excavation; 48,000 cu. yds. special borrow materials; 850 lin. ft. concrete curb; 375 cu. yds. Class "D" concrete; 46,000 lbs. metal reinforcement; 2350 cu. yds. rock sub-base materials; 2900 cu. yds. crushed rock surfacing materials; 7,200 sq. yds. bituminous macadam wearing surface; and furnish 4,500 cu. yds. crushed rock in stockpile.

Morrow County — Roadside Oases near Castle Rock and Boardman on Columbia River Highway. Development of two artificial oases. Requires drilling of two 8-inch wells; construction of two pump houses; installation of pipe lines and other irrigation facilities; erection of 406 rods woven wire fence; and planting of trees, shrubs and lawn grass.

Sherman County—Biggs-Moro Rock Production Project. Furnish approximately 5,500 cu. yds. crushed rock in stockpile.

Yamhill County — Yamhill County Oiling Project on four sections of county road. 0.79 mile grading, 4.06 miles rock surfacing, 0.68 miles bituminous macadam wearing surface, and 3.61 miles oil mat surface treatment. Requires approximately 5,300 cu. yds. excavation; 2,700 cu. yds. rock or gravel sub-base materials; 5,300 cu. yds. crushed rock or crushed gravel surfacing materials; 7,400 sq. yds. bituminous macadam wearing surface, and 37,000 sq. yds. oil mat surface treatment.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

BIDS OPENED

HUMBOLDT COUNTY, Cal.—Mercer-Fraser Co., Second and Commercial Sts., Eureka, at $69,338.95 submitted low bid to the State Highway Commission, Sacramento, for about 1.5 miles grading and surfacing with bituminous treated crushed gravel or stone in Eureka, Humboldt County, between the southerly city limits and Wabash Avenue.

The work involves:

(1) 225 M. gals. water;
(2) 4,000 c.y. rdwy. excav., unclass.;
(3) 1,220 c.y. struc. excav.;
(4) 85 c.y. ditch and channel excav.;
(5) 7,000 c.y. imported borrow;
(6) 10,000 sta. yds. overhaul;
(7) 77 sta. finishing rdwy.;
(8) 960 tons untreated crushed gravel or stone (surfacing);
(9) 6,410 tons crushed gravel or stone (bituminous treated surfacing);
(10) 290 tons Grade E, asphaltic cement (bituminous treated surf.)
(11) 2,660 tons sand (oil treated surf.)
(12) 135 tons liquid asphalt SC-3 (oil treated surfacing);
(13) 12 tons liquid asphalt 50-60 (detours);
(14) 1,200 lbs. bar rein. steel (struc.);
(15) 37 c.y. Class A Portland cement concrete (struc.);
(16) 6 each spillway assemblies;
(17) 120 l.f. 8-in. CMP;
(18) 50 l.f. 12-in. CMP;
(19) 30 l.f. 15-in. CMP;
(20) 580 l.f. 18-in. CMP;
(21) 64 l.f. 21-in. CMP;
(22) 2,270 l.f. 8-in. perf. metal pipe underdrains;
(23) 650 c.y. rock filling material (underdrains);
(24) 324 l.f. part circle cast iron pipe;
(25) 290 l.f. salvaging existing conc. culvert pipe;
(26) 18,120 s.y. aspha. paint binder;
(27) 3 each cast steel frames and covers for drop inlets;
(28) 11 each new monuments, casings and covers;
(29) 11 each existing monument casings and covers to be moved and reset.

Total bids follow:

(A) Mercer-Fraser Co., Eureka, $69,338.95.
(B) Hemstreet and Bell, Marysville, $71,499.80.

Unit bids follow:

	(A)	(B)
(1)	$ 1.70	$ 2.00
(2)	.64	.60
(3)	1.00	1.50
(4)	1.25	1.00
(5)	.59	.55
(6)	.02	.015
(7)	6.00	5.00
(8)	2.80	2.75
(9)	4.80	5.00
(10)	20.00	25.00
(11)	3.50	3.00
(12)	18.50	20.00
(13)	32.00	30.00
(14)	.07	.08
(15)	36.00	30.00
(16)	13.50	15.00
(17)	.85	1.00
(18)	1.20	1.30
(19)	1.35	1.50
(20)	1.60	1.60
(21)	1.90	2.00
(22)	.90	1.00
(23)	3.40	3.50
(24)	1.70	2.00
(25)	.50	.50
(26)	.04	.04
(27)	37.00	40.00
(28)	20.00	35.00
(29)	7.00	20.00

30—RESERVOIRS & DAMS

CONTRACT AWARDED

MODESTO, Stanislaus Co., Cal.—O. A. Kaufman & Son, Modesto, at $2250 for work complete, awarded contract by the Modesto City Council for repair of the front cut-off wall of a collapsible weir dam across Tuolume River at Modesto.

LOW BIDDERS

YAKIMA PROJECT, Wash.—John Klug, Nyssa, Oregon, at $48,778 submitted low bid to the Bureau of Reclamation, Yakima, under Spec. No. 669, for construction of a spillway at the Kachess Dam, Yakima Project. The work is located about 2½ miles northwest of Easton, Wash.

Fred Redmon, Yakima, at $51,096; and the Barnard-Curtiss Co., Minneapolis at $69,301 submitted second and third low bids, respectively.

CONTRACT AWARDED

SALT RIVER PROJECT, Arizona—Dan Teters & Co., Box 7, Garnet, Calif., at $53,930 awarded contract by the Bureau of Reclamation, % Salt River Valley Water Users Association, Phoenix, for alterations to the spillway at the Roosevelt Dam, Salt River Project, Arizona. The work is located on the Salt River, about 63 miles northeast of Mesa, Ariz. Spec. No. 663.

BIDS WANTED

COLORADO RIVER PROJECT, Tex.—Until March 31, 10 a.m., bids will be received by the Bureau of Reclamation, Austin, Texas, under Spec. No. 673, for the construction of the Arnold Dam and power plant and the processing of sand and crushed rock for the Arnold and Hamilton Dams, Colorado River Project. The work is located west of Austin and near Burnet and Kingsland, Texas.

Specifications provide for alternative bids on two different types of construction, one a concrete gravity dam and the other concrete slab and buttress dam. The contractor under either schedule shall construct and maintain a road between the end of the railroad at the Hamilton Dam and the Arnold Dam.

The principal items of work covered by schedules Nos. 1 and 2 follow:

SCHEDULE No. 1—Concrete Gravity Dam:

(1) 20,000 c.y. common excavation in open cut;
(2) 25,000 c.y. rock excavation in open cut;
(3) 136,000 c.y. concrete in dam and spillway bucket;
(4) 7,200 c.y. concrete in appurtenances to dam and in power house;
(5) 11,000 cu.ft. pressure grouting;
(6) Drilling 15,000 l.f. grout and drainage holes;
(7) Placing 500,000 lbs. reinforcement bars;
(8) Installing 135,000 lbs. standard steel, brass, and cast-iron pipe, fittings, and valves;
(9) Erecting 285,000 lbs. structural steel in power house and switchyard;
(10) Installing 415,000 lbs. gates, gate hoists, control mechanism, power penstock, cranes, and crane rails, metal pier noses, hand railing, trash rack, and other metalwork.

SCHEDULE No. 2—Reinforced Concrete Slab and Buttress Dam:

(11) 26,000 c.y. common excavation in open cut;
(12) 15,000 c.y. rock excavation in open cut;
(13) 34,800 c.y. concrete in buttresses and face slabs;

(14) 8,600 c.y. concrete in footings and spillway bucket;
(15) 13,000 c.y. concrete in mass sections of dam;
(16) 7,200 c.y. in appurtenances to dam and in power house;
(17) 7,700 c.f. pressure grouting;
(18) Drilling 7,700 l.f. grout holes;
(19) Placing 3,800,000 lbs. reinforcement bars;
(20) Installing 50,000 lbs. standard steel, brass, and cast-iron pipe, fittings, and valves;
(21) Erecting 285,000 lbs. structural steel in power house and switchyard;
(22) Installing 485,000 lbs. gates, gate hoists, control mechanism, power penstocks, cranes & crane rails, stocks, cranes and crane rails, metal pier noses, hand railing, trash rack and other metalwork.

Schedules Nos. 3 to 6, inclusive, provide for alternative bids on producing sand and crushed rock, including washing, if necessary, for concrete aggregate for the completion of the Hamilton Dam and for the construction of the Arnold Dam and power plant.

SCHEDULE No. 3—Processing Sand for Hamilton Dam and Arnold Gravity Type Dam:
(23) 200,000 tons sand.

SCHEDULE No. 4—Processing Sand for Hamilton Dam and Arnold Slab & Buttress Type Dam:
(24) 160,000 tons sand.

SCHEDULE No. 5—Processing Crushed Rock for Hamilton Dam & Arnold Gravity Type Dam:
(25) 16,000 c.y. stripping rock quarry;
(26) 135,000 tons 3/16 to ¾ in. size;
(27) 110,000 tons ¾ to 1½ in. size;
(28) 85,000 tons 1½ to 3 in. size;
(29) 100,000 tons 3 to 6 in. size.

SCHEDULE No. 6—Processing Crushed Rock for Hamilton Dam & Arnold Slab & Buttress Type Dam:
(30) 12,000 c.y. stripping rock quarry;
(31) 115,000 tons 3/16 to ¾ in. size;
(32) 95,000 tons ¾ to 1½ in. size;
(33) 65,000 tons 1½ to 3 in. size;
(34) 45,000 tons 3 to 6 in. size.

Work contemplated in Schedules Nos. 1 and 2 shall be commenced within 30 calendar days and completed within 600 calendar days from the date of receipt of notice to proceed. For the work contemplated in Schedules Nos. 3 to 6, inclusive, contractor shall begin work within 10 calendar days after date of receipt of notice to proceed and shall deliver not less than 10% of the quantities of sand and each size of crushed rock shown in the schedules within 60 calendar days and thereafter shall deliver sand and the various sizes of crushed rock at such rate that the concrete work in Hamilton and Arnold Dams will not be delayed, and in any event, the production of sand and crushed rock shall be completed within 400 calendar days from the date of receipt by the contractor of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation Austin, Texas; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, $5 per copy, not returnable.

COMPLETE BID LISTING

YAKIMA PROJECT, Wash. — John Klug, Nyssa, Oregon, at $48,778, as previously reported, submitted low bid to the Bureau of Reclamation, Yakima C. E. Crownover, Constructing Engineer, under Spec. No. 669, for construction of a spillway at the Kachess Dam, Yakima Project, located about 2½ miles northwest of Easton, Wash.

The work involves:
(1) 61,200 c.y. earthwork excavation for structure and other purposes
(2) 660 c.y. excavation of concrete and rubble paving;
(3) 2,800 c.y. backfill;
(4) 11,000 c.y. earth fill in embankment;
(5) 1,300 c.y. riprap on upstream slope and rock fill at toe of embankment;
(6) 900 c.y. dumped riprap in spillway channel;
(7) 250 c.y. screened gravel under the floor of spillway;
(8) 75 c.y. porous concrete;
(9) 2,260 c.y. concrete;
(10) 150 s.y. grouted paving;
(11) Placing 25,000 lbs. reinf. bars;
(12) Constructing 1,095 l.f. 6- to 18-in. diameter sewer pipe drains;
(13) Drilling 70 l.f. holes for anchor bars and grouting bars in place;
(14) Installing 275 l.f. metal sealing strips;
(15) Installing 60,800 lbs. gates and other metal work.

Work shall be commenced within 30 calendar days and completed within 250 calendar days from date of receipt of notice to proceed

Total bids follow:

John Klug, Nyssa, Oregon, $48,778.
Fred G. Pedmon, Yakima, $51,095.75.
Barnard - Curtiss Co., Minneapolis, $69,301.
Queen City Constr. Co., Seattle, $73,578.75.
Guthrie McDougall Co., Portland, $80,948.75.
Butler Constr. Co., Seattle, $85,520.50
Myers & Goulter, Seattle, $90.753.50.
Sound Constr. & Engineering Co., Seattle, $100,044.25.
L. Romano Engineering Corp., Seattle $135,816.

Bids held under advisement.

CONTRACT AWARDED

COLORADO RIVER PROJECT, Tex. —Brown & Root, Inc., 708 Colorado St., Austin, Texas, at $323,350 awarded contract by the Bureau of Reclamation, Austin, under Spec. No. 667, for erecting the Hamilton Reservoir site, Colorado River Project, Texas, involving about 15,800 acres of clearing.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

INGLEWOOD, Los Angeles Co., Cal. —Western Pipe & Steel Corp., 5717 Santa Fe Ave., Los Angeles, awarded contract by the Inglewood city council Feb. 25 at $10,487.60 ($3.06 ft., plus 8c ft. sales tax), for furnishing and laying 3340 ft. 24-in. welded steel pipe line with special fittings, from the lower pumping station of the municipal water system to the upper reservoirs near the junction of Hargrave Ave. and Wexham Way. Arthur W. Cory, city engineer.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

FARALLON ISLAND, Cal.—Until March 25, 11 A. M., bids will be received by Public Works Officer, Mare Island Navy Yard, for replacing two 10,000 gallon fresh water tanks, replacing salt water piping, replacing plumbing fixtures in quarters and for extending sewer outfalls at the U. S. Naval Direction Finder Station, Farallon Island, Calif. Spec. No. 8151.

Plans and specifications may be obtained from above office and from the Bureau of Yards and Docks, Navy Department, Washington, D. C., upon deposit of $5.

33— WATER WORKS

BIDS OPENED

BONNEVILLE, Oregon — Orino, Birkmeier & Saremal, Bonneville, at $25,676.95 submitted low bid to the U. S. Engineer Office, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, 627 Pittock Block, Portland, under Bid No. 694-36-257, for construction of a station building, section buildings, sewer system, water tank and column, and water supply system, including excavation, concrete foundations, pipe lines and sewer lines, complete, for the O. W. R. R. & N. Co.'s railroad at Bonneville Dam.

Complete bids follow:

Orino, Birkemeier & Saremal, Bonneville, $25,676.95.
George H. Buckler Co., Portland. $26,408.05.
Teller Constr. Co., Portland, $27,112.45
Drake, Wyman & Voss, Inc., Portland. $29,635.10.
Malarkey & Kallander, Portland. $30,647.45.
Engineer's Estimate, $30,098.38.

CONTRACT AWARDED

SACRAMENTO, Cal.—Campbell Const. Co., 800 R St., Sacramento, at $315,317 awarded contract by the Sacramento City Council for constructing two concrete overhead water storage tanks, each having a capacity of 3,000,000 gallons.

BIDS WANTED

SEATTLE, Wash.—Until March 10, 3 p.m., as previously reported, bids will be received by Water District No. 42, King County, H. A. Cross, Secretary of the Board of Commissioners, for furnishing materials for distribution system, including 47½ miles of pipe; one 100,000 gal. storage tank; 442 gate valves, air valves, valve boxes, fittings, etc.

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The following quanities of galvanized pipe will be required: 3,793 ft. 1½ in.; and 200 ft. 2 in.

Following quantities of steel pipe will be used: 11,734 ft. 3 in.; 95,049 ft. 4 in.; 33,843 ft. 6 in.; 3,106 ft. 8 in.; 1,638 ft. 10 in.; and 532 ft. 12 in.

Plans obtainable from Engineers Park & Hill, 2021 Smith Tower, Seattle.

Total cost of the distribution system is estimated at $250,000.

BONDS VOTED

MAXWELL, Colusa Co., Calif.—A proposal to issue $45,000 in bonds to finance construction of a water and sewer system was voted by the Maxwell Public Utility District by a vote of 179 to 54. Work will be done under the WPA.

BIDS WANTED

AIEA, T. H.—Until March 25, 11 A. M., bids will be received by Public Works Officer, Naval Station, Aiea, Honolulu, T. H., under Spec. No. 8139 for the construction of a water supply tunnel.

34— PARKS & PLAYGROUNDS

BIDS OPENED

ALAMEDA, Alameda Co., Calif.—Hannah Irrigation Co., Pleasanton, at $2299.50 for valves and at $149.50 for sprinkler heads, submitted low bid to the Alameda City Council for furnishing underground valves and sprinkler heads for the Alameda Municipal Golf Course sprinkler system.

Buckner Mfg. Co., Fresno, at a total of $2958.75 submitted the only other bid.

Bids referred to the City Engineer.

COMPLETE BID LISTING

YOLO AND SACRAMENTO COS., Cal.—Rexroth & Rexroth, 2110 C, Station A, Bakersfield, at $7948.08, as previously reported, submitted lowest regular bid received by the Division of Highways, C. H. Whitmore, District Engineer, Marysville, for 1.2 miles landscaping on highway roadside between the M Street subway and the Sacramento River Bridge in Yolo County, and between Ben Ali subway and Ben Ali Station, Sacramento County.

The work involves:

(1) 95 c.y. structure excavation;
(2) 9 tons untreated crushed gravel or stone in place;
(3) 440 l.f. 2-in. galv. wrought iron or steel water pipe in place;
(4) 15 l.f. ¾-in. do;
(5) One 2-in. brass globe valve in place;
(6) One valve box and cover in place
(7) 14 tree irrigators, in place;
(8) 89 platanus racemosa plants, complete in place;
(9) 10 pistachio chinensis plants, do;
(10) 10 arbutus menziesii plants, do;
(11) 590 photinia arbutifolia plants, do
(12) 30 fremontia mexicana plants, do
(13) 211 rhus ovata plants, do;
(14) 91 cleanothus thyrsiflorus griseus plants, do;
(15) 34 calycanthus occidentalis plants, do;
(16) 25 pickeringia montana plants, do
(17) 81 prunus ilicifolia plants, do;
(18) 28 leptospermum laevigatum plants, do;
(19) 50 romneya coulteri plants, do;
(20) 461 pyracantha ynnanensis plants complete in place;
(21) 16 spartium junceum plants, do;
(22) 97 berberis pinnata plants, do;
(23) 30 nerium oleander plants, do;
(24) 111 ligustrum ovalifolium plants, complete in place;
(25) 63,610 lippia repens plants,do;
(26) 47 cork oaks, complete in place;

SAN FRANCISCO — FIRE CISTERNS — (CITY)

SAN FRANCISCO—Eaton & Smith, 715 Ocean Ave., at $25,442.40 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,-874, for the construction of four reinforced concrete fire cisterns, Group 4, A.W.S.S.

The work involves:

(1) One 75,000-gal. reinforced concrete cistern, 14th and Dolores Streets;
(2) One do, 16th and Dolores Streets;
(3) One do, 18th and Dolores Streets;
(4) One do, 20th and Dolores Streets;
(5) 112 c.y. test trenches, excavation, including backfill;
(6) 218 s.f. repaving test trenches.

Total bids follow:

(A) Eaton & Smith, $25,442.40.
(B) C. C. W. & H. H. Haun, $26,-810.80.
(C) MacDonald & Kahn Co., Ltd., $27,448.40.
(D) P. Peira & Son, $27,523.20.
(E) E. J. Treacy, $28,018.52.
(F) Mills Constr. Co., $28,679.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$6300.00	$6625.00	$6350.00	$6800.00	$6925.28	$7000.00
(2)	6300.00	6625.00	8100.00	6800.00	8327.28	7449.00
(3)	6300.00	6625.00	6400.00	6800.00	6302.28	7000.00
(4)	6300.00	6625.00	6300.00	6800.00	6165.28	7000.00
(5)	1.50	2.00	2.00	2.00	2.00	1.50
(6)	.30	.35	.30	.40	.30	.25

Bids held under advisement.

GILA VALLEY PROJ.—Earthwork and Tunnels—GOVT.

GILA VALLEY PROJ., Arizona.—Boyce & Igo, Yuma (P. O. Box 1179, Baton Rouge, La.) at $73,200 on Sched. 1, and at $200,400 on Sched. 4; and the Mittry Bros. Const. Co., 5531 Downey Road, Los Angeles, at $210,-830 on Sched. 2, and at $470,745 on Sched. 3, as previously reported, submitted low bids to the Bureau of Reclamation, Federal Bldg., Yuma, under Spec. No. 657, for the construction of earthwork and tunnels, Station 30 to Station 931, Gravity Main Canal, Gila Valley Project, Arizona.

SCHEDULE NO. 1

Earthwork, Gravity Main Canal, station 30 plus 00 to station 285 plus 30.

(1) 790,000 c.y. excavation for canal, common;
(2) 15,000 c.y. do, rock;
(3) 50,000 c.y. excavation for drainage channels and dikes, common;

Total bids on Schedule 1 follow:

(A) Boyce & Igo, Yuma, $73,200.00.
(B) J. A. Terteling & Sons, Boise, $73,540.00.
(C) Mittry Bros. Const. Co., Los Angeles, $76,700.00.
(D) Morrison-Knudsen Co., Los Angeles, $90,510.00.
(E) W. E. Callahan Const. Co., Los Angeles, $90,600.00.
(F) David H. Ryan, San Diego, $91,210
(G) Geo. J. Bock, Los Angeles, $94,-625.00.
(H) John & Bressi, Los Angeles, $121-450.00.
(I) Griffith Co., Los Angeles, $131,850.
(J) Macco Const. Co., Clearwater, $140,650.00.
(K) Lewis Const. Co., Los Angeles, $237,850.00.

Unit bids follow:

	(1)	(2)	(3)
(A)	$.08	$.40	$.08
(B)	.076	.50	.12
(C)	.08	.50	.12
(D)	.099	.49	.099
(E)	.09	1.00	.09
(F)	.099	.60	.08
(G)	.0925	.77	.20
(H)	.13	.75	.15
(I)	.14	.75	.20
(J)	.16	.55	.12
(K)	.27	.57	.32

SCHEDULE NO. 2

Earthwork and Tunnel No. 1 Gravity Main Canal, station 285 plus 30 to station 330 plus 00.

(4) 16,000 c.y. excavation for canal, common;
(5) 87,000 c.y. do, rock;
(6) 27,500 c.y. excavation in tunnel, all classes;
(7) 130,000 lbs. furnishing and installing permanent steel tunnel supports;
(8) 42 MFBM furnishing and erecting permanent timbering in tunnel;
(9) 290 c.y. concrete in portal structures and transitions;
(10) 5700 c.y. concrete in tunnel lining;
(11) 32,000 lbs. placing reinf. bars;

Total bids on Schedule 2 follow:

(A) Mittry Bros. Const. Co, Los Angeles, $210,830.00.
(B) V. R. Dennis Const. Co., San Di-

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ego, $239,285.00.
(C) J. F. Shea Co., Mecca, $243,535.
(D) W. E. Callahan Const. Co., L. A., $247,840.00.
(E) West Const. Co., Los Angeles, $256,105.00.
(F) Jahn & Bressi, Los Angeles, $261-130.00.
(G) Griffith Co., Los Angeles, $264,-260.00.
(H) Walsh Const. Co., Los Angeles, $267,074.00.
(I) Utah Const. Co., San Francisco, $297,260.00.
(J) Winston Bros. Co., Los Angeles, $304,617.00.
(K) L. E. Dixon Co., Bent Bros. and Johnson, Inc., Los Angeles, $333,-160.00.

Unit bids follow:

	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
(A)	$.18	$.40	$4.75	$.08	$90.00	$12.00	$4.25	$.02
(B)	.45	.60	5.00	.06	60.00	15.00	4.75	.02
(C)	.20	.65	4.80	.07	70.00	12.00	6.75	.02
(D)	.36	.60	5.30	.07	70.00	20.00	4.50	.02
(E)	.35	.83	4.85	.07	80.00	12.00	5.00	.015
(F)	.30	.75	5.00	.055	70.00	20.00	6.05	.02
(G)	.14	.75	5.50	.06	80.00	18.00	5.00	.02
(H)	.27	.61	5.80	.053	72.00	10.00	6.50	.01
(I)	.38	.70	6.50	.08	85.00	12.00	6.00	.015
(J)	.46	.78	5.65	.08	108.00	18.40	9.08	.02
(K)	.25	.70	8.00	.075	90.00	13.50	5.35	.01

SCHEDULE NO. 3

Earthwork and Tunnel No. 2, Gravity Main Canal, station 330 plus 00 to station 408 plus 00.

(12) 170,000 c.y. excavation for canal, common;
(13) 70,000 c.y. do, rock;
(14) 20,000 c.y. excavation for drainage channels and dikes, common;
(15) 65,000 c.y. excavation in tunnel, all classes;
(16) 356,000 lbs. furnishing and installing permanent steel tunnel supports;
(17) 113 MFBM furnishing and erecting permanent timbering in tunnel;
(18) 290 c.y. concrete in portal structures and transitions;
(19) 13,700 c.y. concrete in tunnel lining;
(20) 32,000 lbs. placing reinf. bars;

Total bids on Schedule 3 follow:
(A) Mittry Bros. Const. Co., Los Angeles, $470,745.00.
(B) V. R. Dennis Const. Co., Los Angeles, $503,205.00.
(C) J. F Shea Co., Mecca, $505,075.00.
(D) W. E. Callahan Const. Co., Los Angeles, $541,170.00.
(E) Griffith Co., Los Angeles, $542,560
(F) West Const. Co., Los Angeles, $545,270.00.
(G) Walsh Const. Co., Los Angeles, $556,347.00.
(H) Jahn & Bressi, Los Angeles, $556-480.00.
(I) Utah Const. Co., San Francisco, $667,945.00.
(J) Winston Bros. Co., Los Angeles, $679,670.00.
(K) L. E. Dixon Co., Bent Bros. and Johnson, Inc., Los Angeles, $681,-500.00.

Unit bids follow:

	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
(A)	$.18	$.40	$.12	$4.75	$.08	$90.00	$12.00	$4.25	$.02
(B)	.20	.60	.20	5.00	.06	60.00	15.00	4.25	.02
(C)	.20	.65	.20	4.60	.07	70.00	12.00	6.25	.02
(D)	.30	.60	.30	5.25	.07	70.00	20.00	4.50	.02
(E)	.14	.75	.20	5.50	.06	80.00	18.00	5.00	.02
(F)	.35	.83	.30	4.85	.07	80.00	12.00	5.00	.015
(G)	.22	.54	.22	5.50	.053	72.00	10.00	6.50	.01
(H)	.30	.75	.25	5.00	.055	70.00	20.00	6.50	.02
(I)	.38	.70	.38	6.50	.08	85.00	12.00	6.00	.015
(J)	.46	.78	.26	5.55	.08	108.00	18.40	9.80	.02
(K)	.25	.70	.25	7.24	.075	90.00	13.50	5.35	.01

SCHEDULE NO. 4

Earthwork, Gravity Main Canal, station 408 plus 00 to station 931 plus 00 (except Gila River Siphon).

(21) 2,255,000 c.y. excavation for canal, common;
(22) 40,000 c.y. do, rock;
(23) 50,000 c.y. excavation for drainage channels and dikes, common.

Total bids on Schedule 4 follow:
(A) Boyce & Igo, Yuma, $200,400.00.
(B) Mittry Bros. Const. Co., Los Angeles, $236,225.00.
(C) Morrison-Knudsen Co., Los Angeles, $247,795.00.
(D) W. E. Callahan Contr. Co., Los Angeles, $270,500.00.
(E) Mark C. Walker, Omaha, $345,-595.00.
(F) Macco Const. Co., Clearwater, $354,975.00.
(G) Griffith Co., Los Angeles, $355,-700.00.
(H) Jahn & Bressi, Los Angeles, $420-850.00.
(I) J. A. Terteling Co., Boise, $425,-645.00.
(J) D. McDonald, Sacramento, $539,-825.00.
(K) Isbell Const. Co., Reno, $665,400.

Unit bids follow:

	(21)	(22)	(23)
(A)	$.08	$.40	$.08
(B)	.095	.40	.12
(C)	.099	.49	.099
(D)	.10	1.00	.10
(E)	.139	.63	.139
(F)	.145	.55	.12
(G)	.14	.75	.20
(H)	.17	.75	.15
(I)	.179	.40	.12
(J)	.215	.75	.50
(K)	.28	.60	.20

Stipulations submitted by bidders follow:

Boyce & Igo: No stipulations.

Mittry Bros. Const. Co.: Will not take Schedule 1 alone.

V. R. Dennis Const. Co.: All or none.

J. A. Terteling Co.: All or none.

Morrison-Knudsen Co.: No stipulations.

J. F. Shea Co.: All or none.

W. E. Callahan Construction Co.: If awarded Schedules 1 and 4 deduct 2c from items 1 and 3.

David H. Ryan: One schedule only.

Geo. F. Bock: One schedule only.

Jahn & Bressi: Will not accept the award of Schedule 2 without Sched. 4.

Griffith Co.: All or none.

Macco Const. Co.: Will accept the award of Schedule 4 alone, or 1 and 4, but not 1 alone.

Lewis Const. Co.:One schedule only.

West Const. Co.: Will accept the award of all schedules or 3 only.

Walsh Const. Co.: All or none.

Utah Const. Co.: All or none.

Winston Bros. Co.: All or none.

L. E. Dixon Co., Bent Bros., Johnson, Inc.: All or none.

D. McDonald—One schedule only.

Isbell Const. Co.: One schedule only.

Mark C. Walker: One schedule only.

(27) 332 oleander shrubs, do.

Total bids follow:
(A) Rexroth & Rexroth, Bakersfield, $7948.08.
(B) Leonard Coates Nursery, Inc., San Jose, *$6022.10.
(C) California Nursery Co., Niles, *$8927.56.

Unit bids follow:

	(A)	(B)	(C)
(1)	$2.00	$ 1.50	$6.00
(2)	5.00	5.00	7.25
(3)	.80	.40	.35
(4)	.50	.20	.10
(5)	4.00	6.00	3.50
(6)	5.00	5.00	4.25
(7)	4.00	5.00	3.80
(8)	4.00	4.35	9.00
(9)	5.00	4.35	7.50
(10)	2.50	1.67	2.50
(11)	2.40	1.22	1.50
(12)	2.30	1.37	1.85
(13)	2.60	1.32	1.70
(14)	2.25	1.43	1.75
(15)	2.00	1.22	2.00
(16)	2.50	1.33	2.00
(17)	2.00	1.22	1.50
(18)	2.00	1.22	1.50
(19)	3.00	1.32	1.75
(20)	2.00	1.22	1.55
(21)	2.00	1.17	1.50
(22)	2.25	1.37	1.85
(23)	3.00	1.17	1.50
(24)	1.75	.10	.38
(25)	.0225	2282.50*	.0525
(26)	5.00	5.00	10.00
(27)	3.00	1.22	1.60

*Lump sum.

35— TUNNELS

PLANS CHANGED

ROZA PROJECT, Wash.—Approval of change in plans for the Roza canal whereby Tunnels 1 and 2, two miles of flume and open canal, will be eliminated and tunnel 8200-ft. long constructed, has been received by C. E. Crownover, project engineer, from the Bureau of Reclamation.

The change was recommended because of difficult construction in carrying canal around hill and danger of rock slides. The new location will shorten the combined length of canal section and two short tunnels one mile and the cost will be the same. A long tunnel will start at north portal of Tunnel 1 and at south portal of Tunnel 2.

Tunnel No. 3 at its north portal will be 10-in. lower and its side will be increased form diameter of 16-ft. 9-in. to 17-ft. South portal elevation will be the same as in original plans.

C. E. Crownover reports that the change order gives Morrison-Knudsen Company tunnel construction equivalent to combined length of the two tunnels, and possibly more as the government has the right to decrease or increase 25-in.

BIDS OPENED

LOS ANGELES, Cal.—Mike Radich and C. T. Brown, 410 N. Formosa St., Los Angeles, at $64,778 submitted low bid to D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, for the construction of the Ivanhoe Reservoir outlet tunnel and appurtenant structures under Spec. No. X-13 (PWA Docket 1929-R. unit No. 50).

Complete bids follow:
Mike Radich and C. T. Brown, Los Angeles, $64,778.
George J. Bock Co., Los Angeles, $74,930.
Geo. K. Thompson, Los Angeles, $86,-929.60.
Case Construction Co., Alhambra, $97,597.
Marko Matick, Los Angeles, $108,-386.03.
Atlas Construction Co., Pasadena, $117,165.
C. G. and R. F. Robbins, $125,235.
United Concrete Pipe Corp., Los Angeles, $131,817.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until March 11, 8 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, under Proposal No. 724, for furnishing 9000 lin. ft. of copper water service pipe, as follows:
(1) 5000 lin. ft. 1-inch.
(2) 1500 lin. ft. 1½-inch.
(3) 2500 lin. ft. 2-inch.
Specifications obtainable from above office.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until March 9, 3 P. M, bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambres, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 36-177, for furnishing 2000 ft. standard hoisting rope of 6 strands, 19 wire to the strand, one hemp core; of improved plow steel; ⅞-in. diam.

Delivery f.o.b. Rio Vista.

Specifications obtainable from above office.

FORT MASON, Calif.—Until March 12, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-227, for furnishing 2500 lbs. white cotton wiping cloths; 35,000 lbs. white cotton waste, and 400 lbs. colored wood waste.

Materials are for shipment to the Department Quartermaster, Philippine Department, Manila, P. I.

Specifications obtainabale from the above office.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Mar. 10 3. P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 36-178, for furnishing two dredge spuds.

Bids will be taken as follows:

(A) Delivered fob railroad cars at mill or shipping point of bidder.

(B) In water ready for towing at Sacramento, San Francisco, or other local delivery point readily accessible to Government tow boats operating from Rio Vista.

(C) In Water at the U. S. Engineer wharf at Rio Vista.

Specifications obtainable from above office.

FORT MASON, Cal.—Until March 13, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-234, for furnishing 100 corrugated ash and garbage cans.

Delivery fob Rockwell Air Depot, San Diego.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO, Cal.—Until Mar. 9, 2 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Sale No. 140, for the sale of the following:

LOT No. 1 — Located in Municipal Railway Carbarn, 2600 Geary St.:
(a) 250 old tire casings; (b) 5 tons copper wire without insulation; (c) 10 tons scrap steel in bin; (d) ¼ ton cast iron; (e) 1 ton manganese bronze; (f) 3 tons bronze.

LOT No. 2: Located on the Ingleside Jail Property, Ocean Ave., near San Jose Ave.:
(a) 2 boilers; (b) miscellaneous equipment in main jail building, shower room, dryer room, engine room and other buildings, consisting of scrap iron, pipe, valves, conduit, fittings, wiring, furnaces, kitchen ranges and stoves, etc.

Information obtainable from the above office.

OAKLAND CITY

OAKLAND, Cal.—Until March 12, 8 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing saturated-paper-insulated lead covered cable.

Specifications obtainable from above office.

Bids will be taken as follows:
(1) 13,373 l.f. No. 16 AWG cable;
(2) 1,500 l.f. No. 10 AWG cable.

CALIFORNIA STATE

SAN FRANCISCO.—Until March 9, 10 A. M., bids will be received by the Procurement Division, Treasury Department, Room 514, 49 Fourth St., under Bid No. 966, for furnishing 10 c.y. bank sand and 1,000 c.y. quarry run rock, for use on WPA project.

Delivery fob Helen Wills Playground Broadway and Larkin Sts.

Specifications obtainable from above office.

FELTON, Santa Cruz Co., Cal.—Until March 10, 10 A. M., bids will be received by the Procurement Division, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 963, for furnishing 31 c.y. river washed sand; 52 c.y. gravel, and 334 sacks Portland cement, for use on W P A projects.

Delivery fob Ranger Station, Felton, Santa Cruz County.

Specifications obtainable from above office.

FELTON, Santa Cruz Co., Cal.—Until March 10, 10 A. M., bids will be received by the Procurement Division, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 964, for furnishing 287 pieces redwood lumber; 50 pieces Douglas fir lumber; 27 pieces sash, and two redwood louvres for use on WPA project.

Delivery fob Ranger Station, Felton, Santa Cruz County.

Specifications obtainable from above office.

FELTON, Santa Cruz Co., Cal.—Until March 10, 10 A. M., bids will be received by the Procurement Division, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 965, for furnishing 788 pieces of form lumber; 388 pieces frame lumber, and 171 pieces trusses for use on WPA project.

Delivery fob Ranger Station, Felton, Santa Cruz County.

Specifications obtainable from above office.

SACRAMENTO, Calif.—Until March 13, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 36-180, for furnishing brass globe valves; malleable iron elbows, tees, sleeves, plugs, bushings, bell reducers, close nipples; ground joint unions; malleable iron pipe caps, standard wrought pipe, standard brass pipe, gate valves, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office.

SACRAMENTO, Calif.—Until March 13, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 36-186, for furnishing copper tacks, wire brads, common nails, copper belt rivets, spur grommets, screen wire cloth, wood screws, hinges, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office.

SACRAMENTO, Calif.—Until March 16, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 36-182, for furnishing structural steel angles, equal and unequal, structural steel beams, carbon steel plate, galvanized steel sheets, flat mild steel, round mild steel round cold rolled steel, square cold rolled steel, round brass rods, half hard sheet brass, tool steel, steel bits, steel wire, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office.

TREASURY DEPARTMENT

PALO ALTO, San Mateo Co., Calif. —Until March 11, 10 A. M., bids will be received by the Procurement Division, Treasury Department, Room 514 49 Fourth St., San Francisco, under Bid No. 976, for furnishing millwork for use on WPA project.

Delivery fob Palo Alto High School.

Specifications obtainable from above office.

PIEDMONT, Alameda Co., Calif.—Until March 11, 10 A. M., bids will be received by the Procurement Division Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 979, for furnishing 42,401 BFM Douglas Fir lumber for use on WPA project.

Alternate bids will be received for delivery fob Egbert Beach School, Linda and Lake Avenues, Piedmont, and/or fob cars at mill.

Specifications obtainable from above office.

HOLLISTER, San Benito Co. Cal. —Until March 10, 10 A. M., bids will be received by the Procurement Division, Treasury Department, Room 514 49 Fourth St., San Francisco, under Bid No. 970, for furnishing 31 c.y. of river washed coarse sand; 52 c.y. gravel, and 334 sacks Portland cement for use on WPA project.

Delivery fob Hollister Ranger Station.

Specifications obtainable from above office.

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Propose $236,000,000 Federal Road Aid

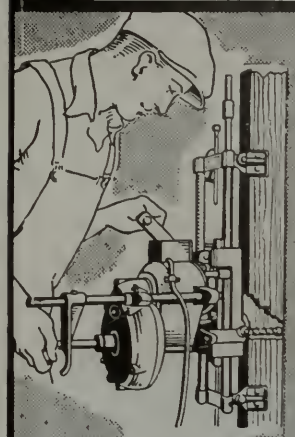
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

March 14, 1936

Vol. XIX—No. 11

WAPPAT Electric TOOLS



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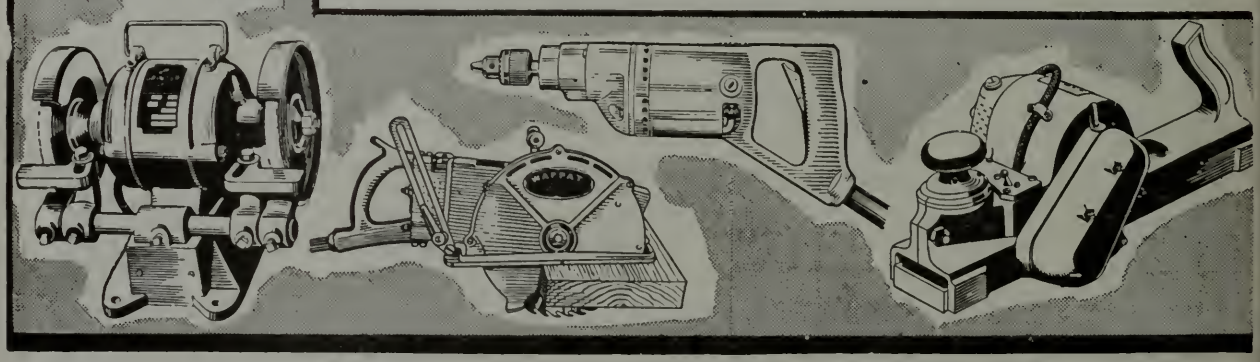

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BARTLETT DAM BID OPENING SET APRIL 7

$3,500,000 ERA Appropriation Financing Salt River Construction

Bids will be received April 7 by the U. S. Bureau of Reclamation in Phoenix for constructing the Bartlett Dam on the Salt River Project. The dam site is near Phoenix on the Verde River. The dam will be of reinforced concrete, multiple-arch type.

The Bureau has $3,500,000 in Emergency Relief Act money for construction of Bartlett Dam and for enlargement and completion of spillways at Roosevelt and Stewart Mountain dams in the same project.

Principal items in the Bartlett Dam contract are: 135,000 cu. yds. common excavation in open cut; 185,000 cu. yds. rock excavation in open cut; 160,000 cu. yds. concrete; 45,000 cu. ft. pressure grouting; 5,500,000 lbs. reinforcement bars, installing 3,191,300 pounds of gates, valves and other metalwork.

The contractor will be obligated to complete work within 800 calendar days.

E. C. Koppen is construction engineer in charge of the Salt River Project work. Plans and specifications for the Bartlett Dam may be obtained from the Reclamation Service offices in Phoenix, Denver or Washington.

KERN FHA LOANS TOTAL $934,000

Representing an expenditure of $934,777, a total of 1729 commitments for insured loans have been issued by the Federal Housing Administration in Kern county, according to F. W. Marlow, district director of the Southern California FHA. Kern county has developed approximately 2,596,600 man-hours of work under the better housing progam, he pointed out.

Of the Kern commitments, 1692 loans, amounting to $772,807, were made under Title I of the National Housing Act, while 37 loans totaling $161,970 were made under Title II.

STATE HOSPITAL BIDS APRIL 7

SACRAMENTO, March. 10.—Bids will be received April 7 by the State Division of Architecture for erecting Cottage No. 11 at the Stockton State Hospital, the first contract in an extensive building program planned at this institution. The building is to be two stories of reinforced concrete construction with slate roof. It will accommodate 120 patients. State Architect Geo. B. McDougall will receive bids on segregated contracts as follows: (1) General; (2) Electrical; (3) Plumbing; (4) Heating and Ventilating.

The estimated cost is $70,000.

Gilbert Mellin Heads Appraisers On Valley Project

Gilbert F. Mellin, engineer for the State Reclamation Board, has been appointed chief right-of-way appraiser for the Central Valley Project, Acting Commissioner of Reclamation John C. Page announced in Washington yesterday.

Mr. Mellin will head a group of field men making appraisals of property required for Kennett and Friant reservoirs and the canals and other structures on which contracts are to be let shortly. He will work under a board of three contracts are to be let shortly. He will work under a board of three consultant appraisers appointed last week. They are B. A. Echeverry of Berkeley, Fred C. Herrmann of San Francisco, and Curtis Walker of Washington, D. C.

The first meeting of the appraisers has been set tentatively for March 16 to be held in Sacramento.

Gilbert Mellin has been with the State Reclamation Board since 1929, engaged in classifying lands for the Central Valley Project. Prior to that he had been engaged in private practice. His first employment after graduating from the University of California in 1915 was with the State Division of Highways, with which he served until 1923.

7,000 PROJECTS AWAIT FURTHER PWA FINANCING

Ickes Estimates Construction Ready For Market At $349,000,000

Applications for PWA funds to finance nearly 7000 projects at a total estimated cost of approximately $3,118,000,000 are being held up because further funds are not available, Administrator Harold L. Ickes reported to the Senate this week.

Ickes said PWA engineering, finance and legal divisions have given final approval to 1475 projects, total cost of which would aggregate about $349,000,000, in addition to those which have received funds in the current program. These could be advertised for bids almost immediately, it was stated.

For projects ready to go ahead if funds are made available, a total of $227,047,662 government money is asked; $143,935,174 in grants, and $83,112,488 in loans.

Grand total of federal funds asked in applications now pending was reported at $2,659,077,068.

Major Northern California projects among those held up for lack of funds include San Francisco courts building, $1,353,201; San Francisco reclamation work, $1,710,000; Alameda estuary tube, $1,125,000, and numerous others. A $3,084,136 grant for California state hospital improvements also is requested, as is a $7,346,000 loan and grant to the state for water projects.

Ickes' report was submitted following a senate resolution asking for information. A threatened desertion of works projects of the type handled by PWA in favor of WPA's day-labor projects is said to have motivated the request for figures on work possible in the immediate future.

Shipments of hand-operated fire extinguishing equipment in January numbered 32,120, as compared with 25,516 during the preceding month and 25,169 in January, 1935, the Bureau of the Census reports.

BILL PROPOSES ROAD ALLOTMENT OF $236,000,000

New Hayden - Cartwright Act Introduces Expanded U. S. Aid Plan

An expanded Federal highway program for the fiscal years 1938 and 1939 is proposed in a bill introduced in Congress jointly by Senator Hayden of Arizona and Representative Cartwright of Oklahoma. The bill would authorize an annual expenditure of $236,500,000.

The authors of the bill hope to make it the basis for a long-range highway development plan through use of Federal funds to supplement state highway funds. Support of construction organizations and highway user groups will be consolidated in favor of the new Hayden-Cartwright proposal as a means of providing adequate Federal appropriations for new construction and as a protection against gasoline tax diversion within states. The final draft of the bill is expected to carry a strict provision barring Federal aid to states which permit taxes collected for highway construction to be shifted to other uses.

The annual Federal appropriation in 1938 and 1939 would be divided each year as follows:

$125,000,000 for regular Federal aid highways.

$15,000,000 for forest highways, roads and trails.

$2,500,000 for main roads through Federal reservations other than forest reservations.

$7,500,000 for roads and trails in national parks.

$7,500,000 for construction and maintenance of parkways.

$4,000,000 for constructon and improvement of Indian reservation roads.

$25,000,000 for secondary roads, including rural free delivery mail roads and public school bus routes.

$50,000,000 for the elimination of grade crossing hazards.

LUMBER ORDERS DROP, WEATHER HELD CAUSE

Washington and Oregon mills reporting to the West Coast Lumbermen's Association produced 102,904,645 board feet of lumber during the week ending February 29, according to the association. Production by the 201 reporting mills was 61.5 percent of the average weekly cut during the 1926-29 period.

New business taken during the week was 77,574,576 board feet. Continued unfavorable weather conditions in the central and eastern portion of the United States and a small volume of export business are held accountable for the slump.

Shipments in the last week of February were 99,621,988 feet, the association reported. Unfilled orders totaled 504,306,808 board feet.

P. F. Reilly Low At $448,000 For Livestock Pavilion General Contract

SACRAMENTO, March 10.—P. F. Reilly, Phelan Building, San Francisco, today submitted a low bid of $448,000 to the State Division of Architecture for construction of the livestock exposition building for Agricultural District 1-A in San Mateo county. Second low figure for the general contract was $466,350, submitted by MacDonald & Kahn of San Francisco.

Low bids for other portions of the work were as follows: structural steel fabrication and painting, Bethlehem Steel Co., $91,293; steel erection and painting, Bethlehem Steel Co., $36,564; electrical work, Chas. A. Langlais, $27,371; mechanical work, Alta Electric & Mechanical Company, $20,690, and stadium chairs, Heywood Wakefield Company, $24,660.

Total of low bids for the various contracts amounts to $648,578. Approximately $700,000 of PWA and other funds is available for the work.

Work for which bids were received today is the same as that on which proposals received some time ago were rejected as exceeding available money, with the exception of foundations. A grant from the Works Progress Administration is financing this portion of the job, and private contractors will erect the structure after that work has been completed.

Total bids for the general contract were:

P. F. Reilly	$448,000
MacDonald & Kahn, S. F.	466,350
Clinton Const. Co., S. F.	468,000
Robert E. McKee, L. A.	468,000

The livestock building will be a one-story reinforced concrete and steel structure containing a horse-show arena 300 by 400 feet in size, a stadium to seat 10,000 persons, 300 stalls for horses, shower rooms and dormitory units for attendants.

OROVILLE COUNCIL REDUCES LICENSE FEE

Oroville City Council has agreed to waive payment of the $100 first-quarter license fee for contractors and to accept a quarterly license of $7.50. Contractors are expected to recommend a new licensing ordinance to the council shortly. The present act requires payment of $100 for the first quarter by all contractors doing business in Oroville whether residents or non-residents. The license thereafter is $7.50 per quarter. Recent protests from contractors against the high fee brought the concession from councilmen.

EXTENSIVE BUILDING AT SANTA CRUZ CLUB

Rio Del Mar Country Club officials predict construction of at least 70 new homes on the country club property near Santa Cruz this year. Four residences are now being built, with an estimated total cost of $35,000.

RYAN ELECTED SECRETARY OF STATE COUNCIL

Cambiano Again President Of California Carpenters

Joseph F. Cambiano of San Mateo was re-elected president of the California State Council of Carpenters for his ninth consecutive term by delegates at the annual council convention in Fresno. David H. Ryan of San Francisco was elected secretary to succeed Bert P. Ward of San Jose, who has held the position since the council was organized in 1928.

Mr. Ward declined nomination for a ninth term. He announced he was going into the contracting business and would be ineligible for office in the carpenter's brotherhood.

R. W. Robinson of Long Beach was re-elected vice-president. Members of the executive committee were elected as follows: A. L. McDonald, San Francisco, succeeding E. G. Fraser; George Wilson, San Diego, succeeding Carl M. Barnes; A. C. Allen, Merced; Jas. F. Kerns, Santa Monica, Ed Westerman, Sacramento, re-elected.

A resolution was adopted by the convention protesting the anticipated classification of carpenter labor on the Central Valleys Project. The reported scale to which exception is taken is $1.10 an hour for finish carpenters; $0.82½ an hour for rough carpenters; $.60 an hour for carpenter helpers.

The delegates selected Stockton as the 1937 convention city.

LABORATORY ISSUES VELOMETER FOLDER

A folder describing the Alnor Boyle System Velometer, a direct reading air velocity meter, is a recent publication of the Illinois Testing Laboratories, Inc., manufacturers of Alnor and Price testing instruments. Conversion tables, calculations or stop watches are not required when using the velometer, it is stated. Accuracy within three percent of full scale reading is claimed for the instrument.

Copies of the folder, listed as Bulletin No. 3448, may be obtained without charge by writing the manufacturer at 141 West Austin Ave., Chicago, Illinois.

LAST TRUSSES IN FIRST SPAN TO BE RAISED

Comp. Double Deck Structure To Mid-Bay Anchorage This Week

All truss sections are expected to be raised during the week between Pier W-1 and the center anchorage, in the west suspension bridge, according to the weekly progress report by Chief Engineer C. H. Purcell of the San Francisco-Oakland Bay Bridge.

Six sections were raised by the Columbia Steel Company last week between Tower W-2 and Tower W-3; two sections between Pier W-1 and Tower W-2; and three panels of continuous truss spans between Pier W-1 and the San Francisco anchorage.

The exacting work of closing the 1400-foot cantilever span has been progressing. One panel of the suspended span has been erected at each end of the cantilever arms, with 480 feet yet to go before the cantilever is closed. This should be accomplished by the end of March.

Work on the concrete girder spans of the San Francisco viaduct, between Second and Third Streets, is within seven per cent of completion. Healy-Tibbitts Construction Co., contractors, are also continuing to pour concrete at the San Francisco anchorage.

Meanwhile, in the East Bay, concrete operations on the east approach of the San Pablo Avenue subway have been started by J. F. Knapp, contractor; and interior work on the Administration Building is being placed by Clinton Construction Company.

On Yerba Buena Island, concrete work on the upper deck viaduct at the west end of the tunnel is progressing.

WOODLAND BUILDING INSPECTOR RESIGNS

Resignation of Building Inspector Charles Glasgow, Jr., of Woodland was announced last week. Mr. Glasgow plans to leave shortly for Denver, Colo., where he has accepted a government position.

The council as yet has taken no action to fill the vacted post. Mr. Glasgow's resignation is to take effect March 16, it is reported.

ENGINEER BOARD OFFICERS RE-ELECTED

Ralph J. Reed, Los Angeles, was re-elected president of the State Board of Registration for Civil Engineers at the last regular meeting of the board, held in Los Angles. Henry D. Dewell, San Francisco, who was re-appointed to the board February 27, was named vice-president again. Third member of the board is Asa G. Proctor.

BOULDER HOUSES TO BE SALVAGED

Vacant houses in Boulder City are being purchased by a group of Salt Lake City business men to be torn down and shipped to other localities where they will be rebuilt, according to the Nevada office of the Federal Housing Administration. It is planned to dispose of more than 600 houses and many of the larger service buildings, the FHA reports. The purchasers plan to raze the buildings and reconstruct modern two- three- or four-room dwellings to conform with Federal Housing Administration regulations in order that they can be financed under the single mortgage system. More than 3,000,000 feet of lumber will be moved and 500 car loads of material will be shipped.

Broadway Tunnel Safety Investigation Extended Two Weeks

Work of driving twin bores of the Broadway Low-Level Tunnel in Oakland will remain suspended another two weeks under orders of State Industrial Accident Commission engineers.

Thomas E. Caldecott, president of the board of directors of Joint Highway District No. 13 and Henry J. Kaiser, president of Six Companies of California, contractors on the job, issued the following statement regarding suspension of boring operations:

"T. A. Reardon, chairman of the State Industrial Accident Commission, has continued in force for two weeks the order directing that further driving of the Broadway Low-Level Tunnels be stopped until plans for further driving are approved by the commission. The original order of the Industrial Accident Commission was made on February 29 as a result of the slide which occurred on February 22 and was returnable today.

"The Joint Highway District and the contractor have been and now are endeavoring to work out a satisfactory program for resumption of the work and the completion of the tunnels. It is the desire of all interested parties to determine upon a plan for prosecuting future work which will insure to the workmen freedom from construction hazards involved and which will permit the early completion of the project. The safety engineers of the accident commission are also making further studies, and it is hoped that before the extension period expires a definite program can be announced. Meanwhile all work other than excavating the tunnels is proceeding."

EMPLOYMENT ON GATE BRIDGE REACHES PEAK

890 Men Working on Project; Cable Spinning Past Half-Way Mark

With 890 men working on the Golden Gate Bridge project this week the employment roll had jumped to the highest level since construction commenced and scenes of tremendous activity were evident on both sides of San Francisco's harbor entrance.

The employment roll is apportioned as follows:

Cable contract, 315 men; high and low viaducts of the east approach through Presidio, Marin approach span and painting towers, 130 men; Sausalito lateral approach (WPA project) 195 men, and construction of non-commissioned officers' quarters in the Presidio, 250 men.

This, together with the fact that cable spinning operations are now over 50 per cent complete constituted the highlights of the weekly progress report of Chief Engineer Joseph B. Strauss, on file today for the board of directors of the Golden Gate Bridge and Highway District.

Cable spinning operations are proceeding now at the speed of two sets of four strands each a week. Over the west catwalk 33 strands have been completed, while 29 strands are complete over the east walk, where spinning an additional set of four strands was commenced this morning.

Rapid progress is being made on 100-ft. cut is being made thru hillcut is being made through the hillside just south of the Fort Baker gate.

During the past week work was started on footings for piers of the high viaduct, together with east abutment of that structure. It is now certain that the erection of the seel superstructure of the high viaduct will commence early in June.

On the low viaduct work is under way just west of the Palace of Fine Arts, while on the Marin approach span steel is being set up for the erection towers.

Painting of the two towers is proceeding rapidly, the work having been facilitated by the fine weather that has prevailed.

BETTS SPRING CO. IN NEW BUILDING

Betts Spring Company has occupied its new factory building recently erected at 868 Folsom St., a location near premises the company has been occupying at 888 Folsom.

In the new building complete modern facilities have been installed for the manufacture of springs for all types of light and heavy equipment, including automobiles and trucks, railroad locomotives and cars, tractors, pumps, valves, clutches and governors.

HOLC PAYING $79,000,000 FOR RECONDITIONING

Rep'rs Authorized on 388,000 Dwellings Refinanced By Government

In closing distress mortgage loans on 992,531 urban homes during the past 28 months, to a total of $3,005,408,862, the Home Owners Loan Corporation has undertaken reconditioning jobs on 388,637 individual dwellings, or about 39 per cet of all the homes which it has refinanced. Reconditioning contracts awarded, and now more than nine-tenths completed and paid for, on homes mortgages to the corporation up to February 20 amounted to $72,076,638. In addition, repair cases totalling some $4,000,000 are pending authorization.

Reconditioning advances incorporated in the loans are made under a provision of the Home Owners' Loan Act requiring that all necessary repairs be made in order to put the home in a liveable condition and thus protect the equity of the owner and the security of the corporation. The average expenditure for reconditioning on these homes was $194.

In addition, the corporaton has supervised repairs, on properties acquired through foreclosure, or following insured losses on homes securing its mortgages amounting to $2,443,794. Pending jobs of this type total approximately $529,000.

These HOLC reconditioning operations when completed will represent total payments of over $79,000,000 in cash to workmen, contractors, transportation services and producers of building materials throughout the country. About 75 per cent of the entire sum was paid for wages of labor at the site, furnishing about 8,200,000 "mandays" of labor. The majority of the jobs involved painting, roofing and carpentry.

L. S. Peletz Again Elected President Of Stockton Exch.

L. S. Peletz was re-elected president of the Stockton Builders' Exchange at the annual meeting held Monday night.

Other officers named for 1936 are A. H. Davies, vice-president; F. A. Klinger, treasurer. The following will serve on the board of directors: Al Smith, Charles Rich, S. M. McGraw, John E. Meyers, Roland Goold, Ralph Tomlinson, R. E. Fraser and J. A. Allen.

Speakers at the Monday night meeting were Senator Tom Scollan of Sacramento, Senator Bradford S. Crittenden, Assemblyman Chas. Weber, III, Mayor Ralph Fay and Ralph S. Bowdle, deputy registrar of the contractors' license bureau.

FEE FIXED FOR CAPITOL ARCHITECT

A fee of 4 percent will be paid the architect who designs the $2,200,000 Oregon state capitol building, if he resides outisde the state, the capitol reconstruction commission has decided. If a non-resdent architect is selected for the capitol commission he must have an associate in Oregon, who will be paid an additional fee of 2 percent. The non-resident architect will be allowed $5,000 for traveling expenses in addition to his fee. These decisions were made at a meeting of the commission to approve final details of the design competition arranged with the assistance of Architect Carl F. Gould of Seattle, as technical advisor. The commission rejected Mr. Gould's recommendation that the fee be divided 4½ per cent to the chief architect and 1½ per cent to his associate. Formal announcement of the competition will be mailed to architects shortly.

BIDS MARCH 26 FOR LEVEE ON FEATHER RIVER

U. S. Engineers Advertise 4-Mile Embankment Contract

Bids for about four miles of levee construction along the Feather River near Marysville are scheduled for opening March 26 by the U. S. Engineers in Sacramento, it was announced last week.

Total volume of earth to be placed in levee embankment amounts to approximately 983,000 cu. yds.

Work to be done under the contract advertised last week includes raising and strengthening the existing levee, construction of a new levee, and such incidental work as clearing, grubbing and plowing the right-of-way and removing and reconstructing where operations make this necessary.

The project is one of a number of similar jobs being undertaken to aid in controlling flood waters of the Sacramento river. It is financed from funds allotted the U. S. Engineers for flood control work.

GRAYBAR TO OPEN SACRAMENTO BRANCH

Plans for immediate construction of a brick building at 1723 L Street, Sacramento, to house the Sacramento branch of Graybar Electric Co. were reported last week. The firm plans to open its branch office about May 1.

Lease on the building, which will be Graybar's eightieth branch, was signed in Sacramento last week, it is reported.

GRAND COULEE PUMPING UNIT BIDS INVITED

Reclamation Serv. Advertises Equipment and Metalwork Contracts

Bids on four equipment contracts for Boulder and Grand Coulee are scheduled for opening during the coming month by the Reclamation Service. Proposals on all four contracts, two of which are for Boulder and two for Grand Coulee, will be opened at the bureau's Denver office.

On March 27 the bureau will receive bids for furnishing thirteen pumping units for installation in Grand Coulee pumping stations. The contract calls for three horizontal centrifugal pumps of 500-gallon capacity per minute capacity; four horizontal pumps of 750-gallon capacity; three of 1,000-gal. capacity; one of 1500-galllon capacity, and two vertical centrifugal priming pumps with capacities of thirty gallons per minute each.

Bids wll be opened March 30 for furnshing fifty-seven portal assemblies, two bronze liners and anchor rods for fifty-four gate frames, and 108 liner supports for the bulkhead gate frames to be installed at the outlet ends of turbine draft tubes in Grand Coulee power plant.

The same day the bureau will open proposals for structural steel for four diverter towers and two capacitor supports for the Boulder switchyard, Boulder City. The structures will be erected by the government.

On April 6 bids are to be opened for structural steel supports, gratings and handrailings for the walkways, stairs and ladders to be installed in the lower Arizona and lower Nevada tunnels at Boulder Dam.

$125,000 Fresno School Building To Be Advertised

Plans for the proposed $125,000 Fresno School District administration building have been submitted to PWA offices in San Francisco for approval. The board of education expects to call for bids on the building contract as soon as PWA authorizes.

The building will be two stories of reinforced concrete. The lower floor will be four ft. below ground level and will provide storage and warehouse space, room for the visual education department and the professional library. Assembly, administrative offices and conference rooms will be situated on the second floor.

Allied Architects of Fresno designed the bulding. F. W. Kellberg, San Francisco, is consulting structural engineer.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
403	Anza	Rousseau	4000
404	Thorinson	Owner	3500
405	Thorinson	Owner	3500
406	Thorinson	Owner	3500
407	Harneau	Helbing	1000
408	Johnson	Owner	4000
409	Bunny's	Unit	2800
410	Liebman	Owner	35000
411	Associated	Owner	7500
412	Bothin	Mattock	2000
413	Baldwin	Coburn	1000
414	Christensen	Owner	4000
415	Ghisolfo	Hogrefe	8000
416	Wallace	Owner	1250
417	Houweling	Owner	2000
418	Doelger	Owner	4000
419	Morris	Yrigoyen	7600
420	Struthers	Owner	3500
421	Hubbard	Duerner	3000
422	Guisti	Scott	2500
423	Fitzgerald	Owner	1500
424	Bradley	Jensen	1500
425	Glekburg	Wolter	2000
426	Sbarboro	Owner	8000
427	Richfield	Early	1500
428	McDonough	Owner	4000
429	Buckbee	Meinberger	9000
430	Fraser	Erickson	3950
431	Sbarboro	Owner	8000
432	Depaoli	Lindsay	3500
433	Depaoli	Lindsay	3500
434	Fratessa	Owner	1500
435	Beck	Owner	4000
436	Tignard	Owner	3000
437	Stoneson	Owner	3500
438	Christensen	Owner	4000
439	Christensen	Owner	4000
440	Stoneson	Owner	3500
441	Nelson	Owner	3000
442	Nelson	Owner	4000
443	Vannucci	Early	1000
444	McCutcheon	Owner	1000
445	Beck	Owner	4000
446	Hawkins	Hemerton	18500
447	Gump	Ful-Vue	1000
448	Anza	Rousseau	5000
449	Rauscher	Presco	4200

DWELLING
(403) S GREENWICH ST. 161 E Divisadero St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St. $4000

DWELLING
(404) E THIRTY-FIRST AVE 230 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(405) E JULES ST. 125 S De Montford St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(406) E THIRTY-FIRST AVE. 255 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(407) NO. 1951 SUTTER ST. Alter hotel.
Owner—Frank Harneau, Premises.
Architect—Not Given.
Contractor — Harold Helbing, 1310 Lombard St., S. F. $1000

DWELLING
(408) SE PINEHURST & UPLAND. One-story and basement frame dwelling.
Owner—N. E. Johnson, 666 Mission St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(409) NO. 402 GEARY ST. Alter restaurant.
Owner—Bunny's Waffle Shop, Prem.
Architect—Not Given.
Contractor — Unit Bilt Fixture Co., 2665 Jones St., S. F. $2800

APARTMENTS
(410) SW JEFFERSON AND BRODERICK Sts. Three-story and basement frame apartments.
Owner—Ben Liebman, 1555 Francisco St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco. $35,000

STATION
(411) NE PRESIDIO AVE & GEARY St. Class B service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Vincent O. Raney, 233 Post St., and Owner's Engr. Dept. $7500

ALTERATIONS
(412) NO. 2250 POLK ST. Alter store
Owner—Bothin Real Estate Co., 604 Mission St., San Francisco.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Contractor — A. F. Mattock Co., 212 Clara St., San Francisco. $2000

REPAIRS
(413) 1036 POLK STREET. Repair fire damage to apartments.
Owner—A. Baldwin, % Contractor.
Architect—Not Given.
Contractor—Ira W. Coburn, 2018 Market St., San Francisco. $1000

DWELLING
(414) W TWENTY-NINTH AVE. 150 S Cabrillo St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

FLATS
(415) W PIERCE 64 N Greenwich. Two - story and basement frame flats.
Owner—F. A. Ghisolfo, 3103 Pierce St.
Architect—Not Given.
Contractor—H. C. Hogrefe, 354 24th Avenue. $8,000

ALTERATIONS
(416) 3333-3343 24th ST. Alter flats
Owner & Contractor—Henry L. Wallace, 3341 24th Street.
Architect—Not Given. $1,250

ALTERATIONS
(417) 3450-52 MISSION Street. Alter store and flats.
Owner and Builder—J. M. Houweling, 30 Kingston.
Architect—Not Given. $2,000

DWELLING
(418) W 30th AVE. 225 S Lawton St. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

APARTMENTS
(419) SE 30th AVE. and Sanchez St. Two-story frame apartments.
Owner—V. P. Morris, 4034 Army St.
Architect—D. E. Jaekle, 126 Post St.
Contractor—Joe Yrigoyen, 31 Thornton Street. $7,600

DWELLING
(420) NE TINGLEY 104 SE Cayuga. One - story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission St.
Architect—Not Given. $3,500

DWELLING
(421) E 12th AVE. 325 S Moraga. One - story and basement frame dwelling.
Owner—Chelsa A. Hubbard, 301 Evergreen.
Architect—Not Given.
Contractor—Jas. E. Duerner, 301 Evergreen. $3,000

DWELLING
(422) W ELLINGTON 58 N Naglee. One - story and basement frame dwelling.
Owner—Z. Guisti, 398 Ellington.
Architect—Not Given.
Contractor—Harry Scott, 4520 Cabrillo Street. $2,500

ALTERATIONS
(423) 3474 18th ST. Alter apartments.
Owner and Contractor—W. Fitzgerald, premises.
Architect—Not Given. $1,500

ALTERATIONS
(424) 2714 PACIFIC AVENUE. Alter dwelling.
Owner—F. W. Bradley, % contractor.
Architect—W. W. Wurster, 260 California Street.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street. $1,500

ALTERATIONS
(425) NO. 41 WALNUT ST. Alter dwelling.
Owner—A. S. Glekburg, Premises.
Architect—Conrad Kett, 519 California St., San Francisco.
Contractor — Paul A. Wolter Jr., 70 Fernwood St., San Francisco $2000

FLATS
(426) N JACKSON ST. 178 E Broderick Sts. Two-story and basement frame flats.
Owner — Sbarboro & Jorgensen, 2225 North Point St., San Francisco
Architect—John Ahnden, 822 39th Ave San Francisco $8000

ALTERATIONS
(427) NE IRVING ST. & TWENTY-fourth Ave. Alter service station
Owner — Richfield Oil Co., Balboa Bldg., San Francisco
Architect—Not Given.
Contractor—Fred J. Early Jr., 369 Pine St., San Francisco. $1500

DWELLING
(428) E TWENTY-SIXTH AVE. 25 S Kirkham St. One-story and basement frame dwelling.
Owner — John McDonough, 1280 19th Ave., San Francisco
Architect—Not Given. $4000

OFFICES
(429) E JONES 250 N Turk St. One-story Class C offices
Owner—S. C. and S. G. Buckbee, % Contractor.
Architect—Bliss & Fairweather, 1001 Balboa Bldg., San Francisco.
Contractor — H. S. Meinberger, 956 Folsom St., San Francisco. $9000

DWELLING
(430) NO. 139 WHITNEY ST. One-story and basement frame dwelling.
Owner—Joseph Fraser, % Contractor.
Architect—Not Given.
Contractor — Henry Erickson, 972 Chenery St., S. F. $3950

FLATS
(431) N JACKSON ST. 147 E Broderick Sts. Two-story and basement frame flats.
Owner — Sharboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—John Ahnden, 822 39th Ave. San Francisco. $8000

DWELLING
(432) W ALEMANY 200 S Santa Rosa Ave. One-story and basement frame dwelling.
Owner—L. Depaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor — C. T. Lindsay, 140 Duboce Ave., San Francisco $3500

DWELLING
(433) W ALEMANY 175 S Santa Rosa Ave. One-story and basement frame dwelling.
Owner—L. Depaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor — C. T. Lindsay, 140 Duboce Ave., San Francisco $3500

DWELLING
(434) S TEDDY ST. 50 E Delta St. One-story frame dwelling.
Owner—Joseph S. Fratessa, 1087 Shotwell St., San Francisco.
Architect—Not Given. $1500

DWELLING
(435) W TWENTY-FIRST AVE. 450 S Moraga St. One-story and basement frame dwelling.
Owner—John Beck, 500 Leavenworth St., San Francisco.
Architect—Not Given. $4000

DWELLING
(436) W FORTY-SEVENTH AVE 175 S Santiago St. One-story and basement frame dwelling.
Owner — J. Tignard, 2230 48th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(437) N KIRKHAM ST. 107 E 23rd Ave. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(438) E TWENTY-SEVENTH AVE. 175 S Lawton St. One-story and basement frame dwelling.
Owner—Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(439) E TWENTY-SEVENTH AVE. 200 S Lawton St. One-story and basement frame dwelling.
Owner—Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(440) S KIRKHAM ST. 825 E Twenty-third Ave. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(441) NE ROMAIN AND CORBETT Ave. One-story and basement frame dwelling.
Owner — Fernando Nelson Inc., 2901 19th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(442) W MELBA 80 N Eucalyptus. One-story and basement frame dwelling.
Owner — Fernando Nelson Inc., 2901 19th Ave., San Francisco.
Architect—Not Given. $4000

REPAIRS
(443) NO. 1045-1055 TARAVAL ST. Repair fire damage to stores.
Owner—J. Vannucci, 2295 Mason St., San Francisco.
Architect—Not Given.
Contractor—Fred J. Early Jr., 369 Pine St., San Francisco. $1000

ALTERATIONS
(444) NO. 285 CASTENADA STREET Alter dwelling.
Owner—Ross McCutcheon, % Mr. Applegate, 323 Geary St., S. F.
Architect—Not Given. $1000

DWELLING
(445) W TWENTY-FIRST AVE. 475 S Moraga St. One-story and basement frame dwelling.
Owner—John Beck, 500 Leavenworth St., San Francisco.
Architect—Not Given. $4000

APARTMENTS
(446) E NINETEENTH AVE. 100 N Sloat Blvd. Two-story and basement frame apartments.
Owner—M. Hawkins, 485 Geary Street, San Francisco.
Architect—Not Given.
Contractor — A. C. Hamerton, 485 Geary St., S. F. $18,500

ALTERATIONS
(447) NO. 246 POST ST. Alter store
Owner—S. & G. Gump Co., Premises.
Architect—Not Given.
Contractor—Ful-Vue Fixture Co., 75 Oak Grove St., S. F. $1000

DWELLING
(448) SW FORTY-FOURTH AVE. and Irving St. One-story and basement frame dwelling.
Owner—Anza Home Building Co., 321 Kearny St., San Francisco.
Architect—C. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St. $5000

ALTERATIONS
(449) NO. 2447 MISSION ST. Alter stores and flats.
Owner—A. Rauscher, 2449 Mission St., San Francisco.
Architect—Not Given.
Contractor—Oscar Presco & Sons, 250 Lawton St., S. F. $4200

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
224	Wise	Richfield	5705
225	King	Walker	12000
226	Milanese	Soder	4800
227	Cianciarulo	Beckett	2000
228	Atkinson	Prentiss	1000
229	Whitestone	Grodem	1650
230	Hardy	Beckett	3000
231	Boyd	——	5300
232	Foggy	Tollefsen	5000
233	Mortensen	Owner	7000
234	Calvin	Owner	6500
235	Golden	Thrams	1200
236	Lockwood	Kettenmaker	3500
237	Barglacchi	Owner	1000
238	Lopes	Glynn	4250
239	Cusumano	Joaquin	2950
240	Oakland	Johnson	30342
241	Netherby	Owner	5000
242	Loyal	New	3750
243	Pagones	Owner	1000
244	Clundt	New	3750
245	Bendham	New	3750
246	Craig	Haulman	2500
247	Steffey	Watson	3768
248	Menez	Owner	5500
249	Brasch	Owner	5000
250	Lovett	Owner	3200
251	Ascher	Schulz	7000
252	Woodburn	Owner	5000
253	Parges	Caskey	5000
254	Cavalier	Waltmann	1500
255	Larmer	Owner	8750
256	Udall	Walker	4000
257	Langmaid	Maurer	3500
258	Golden	Mullen	4825
259	Phillips	Morlan	3200
260	Kerr	Van Bokkelen	1750
261	Oakland	Early	54122
262	Muther	Owner	4750
263	Pollard	Owner	4500
264	Van Ness	Owner	2300
265	Stewart	Owner	3200
266	Koford	Teigland	6700
267	Ingels	Owner	2500
268	McKie	Dawe	1200
269	Walter	Allan	6000
270	City	Owner	1000
271	Heltman	Wiggins	2000
272	Safeway	Bartlett	3400
273	Savage	Kavanagh	4000

STATION
(224) NO. 1801 CENTRAL AVENUE. **ALAMEDA.** Steel service station.
Owner—H. D. Wise, Richfield Oil Co., Oakland.
Architect—Not Given. $5750

DWELLING
(225) 97 STONEWALL ROAD, **OAKLAND.** Two-story 12-room dwelling.
Owner—Stanley L. King, 3 Tanglewood Road, Oakland.
Architect—F. L. Confer.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $12,000

ADDITION
(226) 4806-4808 TELEGRAPH AVE., **OAKLAND.** Addition to apts.
Owner—J. Milanese, 4800 Telegraph Ave., Oakland.
Architect—Not Given.
Contractor—Oscar Soder, 841 Arlington St., Oakland. $4800

ALTERATIONS
(227) 1723-1725 BROADWAY, **OAKLAND.** Alterations.
Owner—B. & M. Cianciarulo, Financial Center Bldg., Oakland.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.
Contractor—A. T. Beckett, 315 14th St., Oakland. $2,000

WAREHOUSE
(228) 3105 ADELINE ST., **OAKLAND.** One-story warehouse.
Owner—Atkinson Machine Co., 3109 Adeline St., Oakland.
Architect—Not Given.
Contractor—A. W. Pentiss, 7695 Crest Ave., Oakland. $1,000

ADDITION
(229) 2444 HILGARD AVE., **BERKELEY.** Additions.
Owner—Marie S. Whitestone, Premises.
Architect—Not Given.
Contractor—J. J. Grodem, 1520 Morton St., Oakland. $1650

ADDITION
(230) 5301 BROADWAY TERRACE, **OAKLAND.** Three-story addition.
Owner—V. S. Hardy.
Architect—Not Given.
Contractor—A. T. Beckett, 315 14th St., Oakland. $3,000

DWELLING
(231) 5979 CONTRA COSTA ROAD, **OAKLAND.** Two-story six-room dwelling.
Owner and Builder—D. Boyd, 488 37th St., Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland. $5,300

DWELLING
(232) 2640 LOGAN ST., **OAKLAND.** One-story 6-room dwelling.
Owner—Peter Poggy, 2732 E Eighth St., Oakland.
Architect—Not Given.
Contractor—C. Tollefsen, 3311 E 17th St., Oakland. $5,000

DWELLING
(233) 1736 LEIMERT BLVD., **OAKLAND.** One-story 6-room dwelling.
Owner and Builder—Paul Mortensen, 2417 Palmetto St., Oakland.
Architect—Not Given. $7,000

DWELLING
(234) NO. 4331 BRIDGEVIEW DR., **OAKLAND.** Two-story six-room room dwelling.
Owner—Estelle Calvin, 3016 Central Ave., Alameda.
Architect—Not Given. $6500

ALTERATIONS
(235) NO. 125 TWELFTH STREET, **OAKLAND.** Alterations.
Owner—Golden West Printing Co.
Architect—Not Given.
Contractor — C. H. Thrams, 28 Home Place, Oakland. $1200

DWELLING
(236) NO. 4023 FOREST HILL AVE., **OAKLAND.** One-story five-room dwelling.
Owner — Mr. and Mrs. A. G. Lockwood 3973 Whittle Ave., Oakland.
Architect—Not Given.
Contractor—C. J. Krattenmaker, 5822 James Ave., Oakland. $3500

ALTERATIONS
(237) NO. 731 UNION ST., **OAKLAND.** Alterations and addition.
Owner—Mrs. G. Bargiacchi, 739 Kirkham St., Oakland.
Architect—Not Given. $1006

DWELLING
(238) NO. 620 E-TWENTIETH ST., **OAKLAND.** One-story five-room dwelling.
Owner—M. T. Lapes, 1819 15tha Ave., Oakland.
Architect—Not Given.
Contractor—Harry Glynn, 6023 Colby St., Oakland. $4250

STORE
(239) NO. 10246-10250 HOLLYWOOD Blvd., **OAKLAND.** One - story store.
Owner—Sam Cusumano, 810 Warren Ave., San Leandro.
Architect—Not Given.
Contractor—M. Joaquin, 124 Harlon St., San Leandro. $2950

HALL
(240) E BRANN ST. 120 S Morcom Ave., **OAKLAND.** One-story hall.
Owner—Oakland School District, 1025 Second Ave., Oakland.
Architect—W. G. Corlett, 1025 27th Ave., Oakland.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $30,342

DWELLING
(241) NO. 417 VASSAR ST., **BERKELEY.** Two-story six-room frame dwelling.
Owner—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given. $5000

DWELLING
(242) NO. 1329 VERSAILLES AVE., **ALAMEDA.** One-story five-room stucco dwelling.
Owner—C. E. Loyal.
Architect—Not Given.
Contractor—New American Homes & Investment Corp., 1623 High St., Alameda. $3750

STORE
(243) NO. 2169 PACIFIC AVENUE, **ALAMEDA.** One-story one-room frame and rustic store.
Owner—G. Pagones, 1426 9th Avenue, Oakland.
Architect—Not Given. $1000

DWELLING
(244) NO. 1325 VERSAILLES AVE., **ALAMEDA.** One-story five-room stucco dwelling.
Owner—O. L. Clundt.
Architect—Not Given.
Contractor—New American Homes & Investment Corp., 1623 High St., Alameda. $3750

DWELLING
(245) NO. 1327 VERSAILLES AVE., **ALAMEDA.** One-story five-room stucco dwelling.
Owner—H. D. Bendham.
Architect—Not Given.
Contractor—New American Homes & Investment Corp., 1623 High St., Alameda. $3750

DWELLING
(246) NO. 1811 CLINTON AVENUE, **ALAMEDA.** One-story five-room frame and rustic dwelling.
Owner — W. D. Craig, 2026 Clinton Ave.., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $2500

DWELLING
(247) 5300 CAMDEN ST., **OAKLAND.** One-story 5-room dwelling.
Owner—A. G. Steffey, 5306 Camden St., Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland. $3768
Also 1-story garage, $225.

DWELLING
(248) 4301 BRIDGEVIEW Dr., **OAKLAND.** One-story 7-room dwelling.
Owner and Builder—A. H. Monez, 4133 Oakmore Road, Oakland.
Architect—Not Given. $5500

DWELLING
(249) 4363 HARBOARD DR., **OAKLAND.** Two-story 6-room dwelling.
Owner & Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given. $5,000

DWELLING
(250) 1177 CRAGMONT, **BERKELEY.** Two-story 4-room frame dwelling.
Owner and Builder—Hobart M. Lovett 2792 Shasta Road, Oakland.
Architect—S. M. Johnson, 5842 Virmar Ave., Oakland. $3200

DWELLING
(251) 34 PANORAMIC WAY, **BERKELEY.** Two-story 6-room frame dwelling and garage.
Owner—L. W. Ascher, 586 Santa Clara Ave., Berkeley.
Contractor—M. K. Schulz, 811 Mendocino Ave., Oakland.
Architect—F. L. Confer, 2812 Russell St., Berkeley. $7,000

DWELLING
(252) 544 EAST 20th ST., **OAKLAND.** One-story 6-room dwelling.
Owner and Builder—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—Not Given. $5,000

DWELLING
(253) 2862 82nd AVE., **OAKLAND.** One-story 6-room dwelling.
Owner—Otto Parges, 3356 64th Ave., Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—H. T. Caskey, 4215 Carson St., Oakland. $5,000

ALTERATIONS
(254) 401 HAMPTON ROAD, **PIEDMONT.** Alterations.
Owner—Wm. Cavalier, 401 Hampton Road, Piedmont.
Architect—Albert Farr, Oakland.
Contractor—Carl Waltmann, 1447 Excelsior Ave., Piedmont. $1500

DWELLING
(255) 298 INDIAN RD., **PIEDMONT.** Two-story 8-room residence and garage.
Owner and Builder—Edward Larmer, 90 Fairview, Piedmont.
Architect—Not Given. $8750

DWELLING
(256) 759 KEELER AVE., **BERKELEY.** One-story six-room frame dwelling and garage.
Owner—A. R. Udall, 2627 Piedmont Ave., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $4,000

ALTERATIONS
(257) 10 TANGLEWOOD RD., **BERKELEY.** Alterations.
Owner—S. I. Langmaid, premises.
Architect—Not Given.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont. $3500

ALTERATIONS
(258) 5307 TELEGRAPH AVENUE, **OAKLAND** Alterations.
Owner—Golden State Co., Ltd., 5307 Telegraph Ave., Oakland.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St., San Francisco. $4825

DWELLING
(259) 6225 OUTLOOK, **OAKLAND.** One-story 5-room dwelling.
Owner—O. Phillips, Mokelumne St., Oakland.
Architect—Not Given.
Contractor—Elmer Morlan, 1768 Clemens, Oakland. $3200

ALTERATIONS
(260) 1410-1412 GROVE ST., **OAKLAND.** Alterations.
Owner—Wm. Kerr, 1410 Grove Street, Oakland.
Architect—Not Given.
Contractor—W. K. Van Bokkelen, 439 23rd St., Oakland. $1750

RECONSTRUCTION
(261) NE COR. LINCOLN and Scenic Avenue, **OAKLAND** Reconstruct school.
Owner—Oakland School District, 1025 Second Ave., Oakland.
Architect—W. G. Corlett, 1025 Second Ave., Oakland.
Contractor—F. J. Early, Jr., 366 40th St., Oakland. $54,122

DWELLING
(262) 637 BOULEVARD WAY, **OAKLAND.** One-story 6-room dwelling.
Owner and Contractor—G. W. Muther, 5519 Thomas St., Oakland.
Architect—Not Given. $4750

DWELLING
(263) 236 FLORENCE AVE., **OAKLAND.** One-story 6-room dwelling.
Owner and Builder—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—Not Given. $4500

DWELLING
(264) 3368 WYMON STREET, **OAKLAND.** One-story 4-room dwelling.

Owner and Builder—L. E. Van Ness, 4920 Park Blvd., Oakland.
Architect—Not Given. $2300

DWELLING
(265) 221 JOHN ST., **OAKLAND.** 1-story 5-room dwelling.
Owner and Builder—G. C. Stewart, 227 John St., Oakland.
Architect—Not Given. $3,200

DWELLING
(266) 2661 VIRGINIA ST., **BERKELEY.** Two-story 8-room frame dwelling and garage.
Owner—K. Koford, 1636 Milvia St., Berkeley.
Architect—E. S. Snyder, Berkeley.
Contractor—C. M. Tiegland, 4668 Dolores St., Oakland. $6,700

DWELLING
(267) 2347 GRANT, **BERKELEY.** 1-story 4-room frame dwelling.
Owner and Builder—Axel Ingels, 1829 Carlton St., Berkeley.
Architect—Not Given. $2,500

ALTERATIONS
(268) 841 THE ALAMEDA, **BERKELEY.** Alterations.
Owner—Wm. McKie, 841 The Alameda, Berkeley.
Architect—Not Given.
Contractor—L. C. Dawe, 449 Coventry Road, Berkeley. $1,200

DWELLING
(269) 5614 BALBOA DRIVE, **OAKLAND.** Two-story 7-room dwelling.
Owner—Paul A. Walter, San Francisco.
Architect—C. T. Kitt.
Contractor—James Allan, 6718 Flora St., Oakland. $6,000

ALTERATIONS
(270) 282 EIGHTH ST., **OAKLAND.** Alterations.
Owner and Contractor—City of Oakland, City Hall, Oakland.
Architect—Not Given. $1,000

DWELLING
(271) 6540 PINEHAVEN RD., **OAKLAND.** One-story 4-room dwelling.
Owner—W. W. Heltman, 1741 68th Ave., Oakland.
Architect—Not Given.
Contractor—Wiggins & Swanson, 3906 Laguna Ave., Oakland. $2,000

ALTERATIONS
(272) SW COR. FOURTH and Jackson Sts., **OAKLAND.** Alterations.
Owner—Safeway Stores, Inc., Fourth and Jackson Sts., Oakland.
Architect—Not Given.
Contractor—John M. Bartlett, 1706 Parker St., Berkeley. $3400

DWELLING
(273) 1000 MILLER, **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner—H. A. Savage, Jr., 2214 Haste St., Berkeley.
Architect—C. S. Sherwood, Albany.
Contractor—D. Kavanagh, 1729 Francisco, Berkeley. $4,000

BUILDING CONTRACTS

ALAMEDA COUNTY

29	Alves	Zaballos	3800
30	Mitchell	Pedersen	1022
31	Dinsmore	Haskell	10214

DWELLING
(29) 1163 C ST., Hayward. One-story frame and stucco dwelling.
Owner—J. M. and Mabel Alves.
Architect—Not Given.
Contractor—Zaballos Bros., Hayward.
Filed, March 6, '36. Dated Nov. 1, '35.
Rough frame up ..... $ 950
Plastering completed 950
Completion 950
Usual 35 days 950
TOTAL COST, $3,800
Limit, 70 days.

ALTERATIONS
(30) 55 NORTHAMPTON AVE., Berkeley. Alterations and additions.
Owner—Mary V. and Robert M. Mitchell Premises.
Architect—Not Given.
Contractor — Norman Pedersen, 1512 Albany Terrace, Berkeley.
Filed, Mar. 9, '36. Dated, Feb. 13, '36
Progress payments not to exceed 75% of labor and materials.
Usual 35 days, 25%.
TOTAL COST, $1,022.00
Limit, April 15.

STORE
(31) LOT 6 BLK 14, Lakeside Sub. of Adams Pt. Property, Oakland. 1-story Class C store building.
Owner—J. W. and Lena E. Dinsmore, 6 King St., Piedmont.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway, Oakland.
Filed, Mar. 9, '36. Dated, Mar. 7, '36.
Third day of each month 75%
Usual 35 days 25%
TOTAL COST, $10,214
Limit, 45 days. Plans and Specifications filed.

SAN FRANCISCO UNDER $1000

ALTER commercial building, $200; 498 Hayes St.; owner, Bernard Hozer, 722 17th Ave.; contractor, McNally Lacquer Service Co., 494 Hayes St.

ALTER flats, $80; 551 Ivy St.; owner, Mr. Selvers, Prem.; contractor, S. Rakele, 757 Grove St.

ALTER dwelling, $400; 199 Moultrie St.; owner, G. Sorrano, Premises; contractor, E. J. Quistad, 184 Carl

SIGN, electric, $200; 610 McAllister St.; owner, Sierra Hotel, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, $300; 1390 California St.; owner, Hyde-Cal Hotel, 1390 California St.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, $135; 316 Fillmore St. owner, C. H. Hessler, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.

ALTER apartments, $90; 650 Arguello Blvd.; owner, Olsen, Prem.; contractor, A. C. Lindgren, 346 Lowell St.

ALTER restaurant, $250; 2262 Chestnut St.; owner, E. P. Tay and Frank Shonig, Prem.; contractor, Lambertson Sales Co., 942 Mission

SIGN, electric, $200; 946 Clement St.; owner, Sam Siegel, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER dwelling, $50; 2241 Filbert St. owner, Venerando Sanfilippe, 2239 Filbert St.

ALTER dwelling, $475; 891 47th Ave.; owner, Mrs. W. J. Ranegod, 891 47th Ave.

ALTER restaurant, $250; 275 O'Farrell St.; owner, John M. Dickerson, Prem.; contractor, Lambertson Sales Co., 942 Mission St.

SIGN, electric, $50; 45 Turk St.; owner, Bay City Grill, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER apartments, $350; 1861 Hyde St.; owner, Antonio Gatto, 2137 Jones St.

FENCE, $30; 1568 Thomas St.; owner, Angelo Tonna, Premises.

SIGN, electric, $175; 300 Columbus Ave.; owner, Seven Points, Prem. contractor, Novelty Elec. Sign Co., 66 Washburn St.

SIGN, electric, $150; 373 Geary St.; owner, Chase's Chocolates, Prem.; contractor, Novelty Elec. Sign Co., 66 Washburn St.

FLUES, $50; E 30th Ave. 250 N Moraga St.; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Precita Sheet Metal Works, 3119 Harrison St.

SIGN, electric, $125; 2206 Polk St.; owner, Alhambra Sweet Shop, Prem.; contractor, Novelty Elec. Sign Co., 66 Washburn St.

FLUES, $50; E 29th Ave. 150 N Taraval St.; owner, A. J. Benson, 2324 15th Ave.; contractor, Precita Sheet Metal Works, 3119 Harrison Street.

FLUES, $50; E 30th Ave. 225 N Moraga St.; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Precita Sheet Metal Works, 3119 Harrison St.

SIGN, electric, $150; 2229 Clement St.; owner, Hamburger King, Prem.; contractor, Novelty Elec. Sign Co., 66 Washburn St.

FLUES, $50; E 30th Ave. 275 N Moraga St.; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Precita Sheet Metal Works, 3119 Harrison

FLUES, $50; E 30th Ave 200 N Moraga St.; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Precita Sheet Metal Works, 3119 Harrison Fairfax St.

SIGN, electric, $300; 647 Irving St.; owner, Casentini Market, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. South.

ALTER dwelling, $10; 428 Walnut St.; owner, Vincent Lorenzini, Prem.

BILLBOARD, $13; NW Filbert and Franklin Sts.; owner, West Coast Advertising Co., 1430 Divisadero Street.

REPAIR fire damage to warehouse, $75; 200 Davis St.; owner, Parrott Investment Co., 155 Montgomery St.; contractor, Phoenix-Simpton Co., 520 6th St.

ALTER restaurant, $425; 189 O'Farrell St.; owner, Conos, Stathos & Stevens, Premises; contractor, Royal show Case Co., 770 McAllister St.

ALTER dwelling, $500; 3085 San Jose Ave.; owner, E. Manescalco, Prem. contractor, C. Ravaglioli, 100 Hamilton St.

ALTER offices, $500; 2344 Mission St.; lessee, A. Martin, 3060 26th St.; owner, D. Cappelletti, 667 Hampshire St.

SIGN, $100; 1100 Fillmore St.; owner, Three G Distillery Corp., 3145 San Pablo Ave., Oakland.

ALTER dwelling, $150; 1145 Filbert St.; owner, Mrs. Sarah Spaesbury, Premises.

ALTER dwelling, $75; 42 Caine Street; owner, Frank Dzielanowicz, Prem.

ALTER dwelling, $300; 542 8th Ave.; owner, V. F. Barlaro, Premises; contractor, Richard Delucchi & Co.; 3275 San Bruno Ave.

BILLBOARD, $7; NE Church and Army Sts.; owner, West Coast Advertising Co., 1430 Divisadero Street.

ALTER commercial building, $450; 220 Battery St.; owner, Chas. Rosenthal, % Contractor; contractor, Barrett & Hilp, 918 Harrison St.

ALTER market, $500; 945 Market St.; owner, Wobber Bros., 412 Jessie St.; contractor, Royal Show Case Co., 770 McAllister St.

ALTER garage, $700; 125 Battery St.; owner, Hibernia Bank, Jones and McAllister Sts.; contractor, M. E. Vukicevich, 666 Mission St.

SIGN, electric, $250; 557 Kearny St.; owner, Peter Gattas, Prem.; contractor, Pioneer Elec. Co.; 370 Van Ness Ave. South.

SIGN, electric, $150; 395 Vermont St.; owner, Simoni's, Prem.; contractor, Pioneer Electric Co., 370 Van Ness Ave. South.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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3.—Churches
4.—Factories and Warehouses
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6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Sub-Bids Being Taken.
APARTMENTS Cost, $60,000
SAN FRANCISCO. SW Jefferson and Broderick Streets.
Three-story and basement apartment building (frame and stucco construction, steel and concrete basement) 12 4-room and 6 2-room apts.; elevator, steam heating system, hardwood floors, stall showers, etc.
Owner & Builder—Ben Liebman, 1555 Francisco Street.
Architect—R. R. Irvine, 3431 Market.

Plans Being Completed
APARTMENTS Cost, $60,000
SAN FRANCISCO. E Divisadero St. bet. Jefferson and Marina Blvd.
Three-story and basement apartment bldg. (frame and stucco construction with steel and concrete basement; 12 4-rm. apts.) elevator, steam heating system, hardwood floors, stall showers, etc.
Owner & Builder—Ben Liebman, 1555 Francisco Street.
Architect—R. R. Irvine, 3431 Market Street.
Sub-bids will be taken in about two weeks.

Contract Awarded
APARTMENTS Cost, $——
VALLEJO, Solano Co., Calif.
One-story frame and stucco apartment building (three 4-room and one 5-room apartments).
Owner—Secondo Musso, Vallejo.
Architect—Not Given.
Contractor—Geo. Barenchi, 921 Kentucky St., Vallejo.

Plans Being Prepared
APARTMENTS Cost, $——
SAN FRANCISCO. Location Withheld.
Three-story frame and stucco apartment building.
Owner—Withheld.
Architect—Fabre and Hildebrand, 110 Sutter Street.
Further details will be announced shortly.

Plans Completed.
APARTMENTS Cost, $18,000
SACRAMENTO, Sacramento Co., Cal. 2114 Sixteenth Street.
Three-story frame and stucco apartment building (nine 3-room apartments and one store on ground floor).
Owner—Adeline Prato.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Bids will be asked shortly.

Contract Awarded
APARTMENTS Cost, $8,000
SAN FRANCISCO. SE 30th Avenue and Sanchez Street.
Two-story frame and stucco apartments.
Owner—V. P. Morris, 4034 Army St.
Architect—D. E. Jaekle, 126 Post St.
Contractor—Joe Yrigoyen, 31 Thornton Street.

Planned
APARTMENTS Cost, $10,000
SANTA CRUZ, Santa Cruz Co, Calif. 250 Riverside Avenue.
Frame and stucco apartment building (ten units containing living room, kitchen, bedroom and bath) tile roof, etc.
Owner—Charles Stone, Santa Cruz.
Architect—Not Given.

Sub-Bids Wanted.
APARTMENTS Cost, $50,000
SAN FRANCISCO. NW Bay and Webster Streets.
Three-story and basement frame and stucco apartments (15 2- and 3-room apts.) flat roof, steam heating system, hardwood floors, tile baths and shower, etc. (New American plan.)
Owner—Grace Perego, Inc., 176 Sutter St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Structural Engineer—James M. Smith, 251 Kearny St., San Francisco.
Sub-bids are being reseived by the owner on all portions of the work.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN FRANCISCO. E Nineteenth Ave. 100 N Sloat Blvd.
Two-story and basement frame and stucco apartment building.
Owner—M. Hawkins, 495 Dewey Blvd. San Francisco.
Architect—Not Given.
Contractor — A. C. Hamerton, 485 Dewey Blvd., San Francisco.

3— CHURCHES

Commissioned To Prepare Plans
ALTER CHURCH Cost, $15,000
RICHMOND, Contra Costa Co., Calif.
Alterations and additions to church building (add Sunday School, etc.)
Owner—First Presbyterian Church, Richmond.
Architect—Chas. F. Maury, Monadnock Bldg., San Francisco.

To Be Done By Day's Work.
TABERNACLE Cost, $7,500
STOCKTON, San Joaquin Co., Calif. Channel and Stanislaus Streets.
One-story frame and stucco tabernacle (to seat 300; Sunday School, study, etc.) heavy composition roofing, etc.
Owner—Calvary Tabernacle.
Architect—Eric Johnson, 2615 Dwight Way, Stockton.
Mgr. of Const.—O. E. Robeck, 442 N American St., Stockton.

4— FACTORIES & WAREHOUSES

Contract Awarded
FACTORY, ETC. Cost, $6,559
EUREKA, Humboldt Co., Calif. 315-317 Sixth Street.
One-story frame and stucco factory, showroom and office building (50x70 feet).
Owner—Golden Crest Ice Cream Co., Eureka.
Architect—Frank Georgeson, Eureka.
Contractor—Halsby & Lax, Eureka.

Contract Awarded.
SHED EXTEN. Cont. Price, $15,240
OAKLAND, Alameda Co., Cal. Outer Harbor.
Structural steel frame for extension to Transit Shed No. 2 (270-ft. northerly extension) steel and concrete construction.
Owner — City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Contractor—Herrick Iron Works, 1729 Campbell St., Oakland.
Complete bids published March 3.
Bids will be asked shortly on other portions of the work.

Contract Awarded.
WAREHOUSE Cost, $2000
YUBA CITY, Sutter Co., Cal. Sutter Street.
One-story corrugated iron warehouse.
Owner—Frank Bremer, Yuba City.
Architect—Not Given.
Contractor—Edwards & Cisney, Sutter

Planned.
DISTILLERY Cost, $——
SAUSALITO, Marin Co., Calif.
New whiskey distillery.
Owner—American Distillery, Sausalito
Architect—Not Selected.
Further details will be announced shortly.

PLANS PREPARED
LOS ANGELES, Cal.—Architect E. T. Heitschmidt, 807 Subway Terminal Bldg., Los Angeles, and Abbott, Merkt & Co., architects and engineers, New York City, have prepared plans for a three-story, reinforced concrete Class A commercial warehouse and garage building, 150x247 feet in area, to be built at 1130 S. Flower St. for the Flower Realty Co. (United Parcel Service). The name of the contractor, who has already been selected, will be announced shortly.
Work involves a sprinkler system, steel sash, steel rolling shutters, ornamental iron and bronze work, conveyors, one elevator, gas-steam radiators, marble, tile and terrazzo work, cabinet work, fire escapes, metal partitions, toilets, etc. Cost of structure $200,000.

ELECTRICAL CONTRACT AWARDED
LOS ANGELES, Cal.—H. H. Walker, 1323 Venice Blvd., awarded contract for electrical work to be installed in the new automatic assembly plant under construction at Santa Fe Ave. and Tweedy Blvd. for the General Motors Corp. Contract for the heating and ventilating will be let within a few days. J. A. Utley, at the site, is the general contractor; Albert Kahn, New Center Bldg., Detroit, architects and engineers.

Sub-Contracts Awarded
WAREHOUSE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 1931 E Channel Street.
One-story frame warehouse.
Owner—Fred Braghetta, 1531 E Fremont St., Stockton.
Architect—Not Given.
Contractor—T. E. Williamson, 1859 West Rose St., Stockton.
Corrugated Iron—Turner Hdwe. Co.
Plumbing—A. D. Ray.
Lumber—San Joaquin Lumber Co.
Hardware—Turner Hardware Co
Concrete—A. Sandberg.
All of Stockton.

Contract Awarded
ALTERATIONS Cost, $1,500
OAKLAND, Alameda Co., Calif. 125 12th Street.
Alterations to printing plant.
Owner—Golden West Printing Co., 125 12th St., Oakland.
Architect—Not Given.
Contractor—C. H. Thrams, 28 Home Place, Oakland.

Plans Awaiting Approval.
SHOP Cost, $15,000
OROVILLE, Butte Co., Cal. Oroville High School Campus.
One-story frame shop building (9000 sq. ft. of floor space).
Owner—Oroville High School District.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.
Plans are awaiting the approval of the WPA.

Contract Awarded
ROOF, ETC. Cont. Price, $2,390
WINDSOR, Sonoma Co., Calif.
New roof construction and roofing at winery (K. M. split sheet roofing)
Owner—Sonoma County Co-operative Winery, Windsor.
Architect—John I. Easterly, 302 Grant Street, Healdsburg.
Contractor—Heitz & Witter, Healdsburg. *

Contracts Awarded
SHEDS Cost, $30,000
WATSONVILLE, Santa Cruz Co., Cal. Watsonville Junction.
Two lettuce packing sheds (170x50-ft. and 120x50-ft.) four-car spot with additional car room, etc.
Owner—Pajaro Cold Storage Co., Watsonville.
Architect—A. W. Story, Pajaro Valley National Bank Bldg., Watsonville.
Contractor—T. H. Rosewall, Watsonville.
Mechanical Equipment—Link Belt Co., Paul Ave., San Francisco.
Plumbing—P. J. Freiermuth Co., Watsonville.
Electric Motors—Meade Motor Co., Salinas.
Wiring—Just-Rite Electric Co. and P V. Electric Co., Watsonville.

Planned
ADDITION Cost, $55,000
SACRAMENTO, Sacramento Co., Cal. Twenty-first and R Streets.
Additions to brewery (new tanks, bottle soaker, bottle crowner, etc.)
Owner—Buffalo Brewing Co., 21st and R Sts., Sacramento (F. J. Rushstaller, President).
Architect—Not Given.

LOW BIDDER
LOS ANGELES, Calif.—Stanton-Reed Co., 816 W. Fifth St., submitted low bid for five-story, class A reinforced concrete warehouse to be erected at 107 S. Rose St. for California Hardware Co. Cost $85,000. John C. Austin and Frederic M. Ashley, 6th Floor, Chamber of Commerce Bldg., architects.

Contract Awarded
WAREHOUSE EXT. Cost, $——
McAVOY, Contra Costa Co., Calif. 8 miles out of Concord.
One-story wood frame corrugated iron extension to warehouse.
Owner—General Petroleum Corp., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland. *

5— FLATS

Work Abandoned
FLATS Cost, $——
VALLEJO, Solano Co., Calif.
Two-story and basement frame flats (Colonial type) rustic exterior, shingle roof, hardwood floors, tile baths, wood sash, gas heating system, etc. (one 6-room and two baths and one 5 room, 1 bath).
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley Street, Oakland.
Bids will be asked in about three weeks. *

To Be Done By Day's Work
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 3333-3343 24th St.
Alterations to flats.
Owner and Builder—Henry L. Wallace, 3341 24th Street.
Architect—Not Given.

Contract Awarded
FLATS Cost, $10,000
SAN FRANCISCO. W Pierce St. N Greenwich.
Two-story and basement frame and stucco flats.
Owner—F. A. Ghisolfo, 3103 Pierce St
Architect—Not Given.
Contractor—H. C. Hogrefe, 354 24th Avenue.

6—GARAGES & SERVICE STATIONS

To Be Done By Day's Work
SERVICE STATION Cost, $$8,000
SAN FRANCISCO. NE Presidio Ave. and Geary Street.
Class B service station.
Owner—Associated Oil Co., 79 New Montgomery Street.
Plans by Engineering Dept. of Owner.

Contract Awarded.
SERVICE STATION Cost, $3500
SAN JOSE, Santa Clara Co., Cal. No. 1152 E. Santa Clara Street.
One-story steel service station.
Owner—Mr. Ross.
Architect—Not Given.
Contractor — Fred D. Alexander, 358 17th St., Oakland.

Contract Awarded.
GARAGE Cost, $3000
YUBA CITY, Sutter Co., Calif.
One-story concrete garage.
Owner—P. M. Christensen, Yuba City.
Architect—Not Given.
Contractor—Helsem Bros., Yuba City.

Sub-Contracts Awarded
GARAGE Cost, $25,000
PALO ALTO, Santa Clara Co., Calif. 146 Forest Avenue.
One-story reinforced concrete public garage, sales and service building (105x115-feet).
Owner—J. S. Stephens, Jr., 550 Melville Ave., Palo Alto.
Architect—Birge and David Clark, 310 University Ave., Palo Alto.
Lessee — Chevrolet Dealer (Ray Atwater) Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.
Plumbing—Anderson Plbg. Co., Palo Alto.
Electric Wiring—Callahan Electric Co. Palo Alto.
Heating and Sheet Metal—Anderson Plumbing Co., Palo Alto.
Tile Work—C. L. Frost, Palo Alto.
Glass—Acme Glass Co., 851 Alma St., Palo Alto.
Brick Work—Labaza, Palo Alto.
Lathing and Plastering—J. C. Chiri, Mt. View.
Lumber—Merner Lbr. Co., Palo Alto.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Wood Sash and Mill Work—Pacific Mfg. Co., Santa Clara.
Painting—F. A. Thomas, Palo Alto.
Reinforcing Steel—San Jose Steel Co., San Jose.
Structural Steel—Schrader Iron Works 1247 Harrison St., San Francisco.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
SANTA BARBARA, Cal.—Otis Elevator Co., Washington, D. C., at $3,254 awarded contract by the Treasury Department, for furnishing and installing freight elevator in the U. S. post office at Santa Barbara.
Complete bids published Feb. 25.

BIDS OPENED
PRESCOTT, Ariz.—Arthur M. Gelden, Chicago, at $1,567 submitted low bid to Treasury Department, for decorative painting at the U. S. post office in Prescott.
Complete bids follow:
Arthur M. Gelden, Chicago.....$1,567
Smythe & Co., Washington D. C. 1,733
Fred H. Johnson, Prescott..... 1,925
Bids held under advisement.

CONTRACT AWARDED
MEDFORD, Ore.—Economy Lumber Co., Inc., Medford, at $1,041.85 awarded contract by Treasury Department for laying a five-ply composition roof at the Medford post office.

CONTRACT AWARDED
WALLA WALLA, Wash.—G. G. McNichols, Walla Walla, at $924 awarded contract by Treasury Department for new entrance at the post office, Walla Walla.

CONTRACT AWARDED
FRESNO, Fresno Co., Calif.—Nick Hemminga, 627 38th Ave., Fresno, at $660 awarded contract by Treasury Department for miscellaneous repairs and painting at the Fresno post office.

BIDS WANTED
CORVALLIS, Oregon—Bids are being received by the Custodian, U. S. Post Office, Corvallis, for changes in front entrance steps at the U. S. Post Office, Corvallis, Oregon.

BUILDING MATERIALS APPROVED
SAN GABRIEL, L. A. Co., Calif.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at San Gabriel. Campbell Construction Co., 951 S. Genesee St., Los Angeles, general contractors. Plumbing fixtures, Crane Co.; electric water coolers and drinking fountain, Halsey W. Taylor Co.; gas water heater, Bryant Mfg. Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; non-conducting covering for plumbing, Jones-Manville Co.; boiler, Fitzgibbons Boiler Co.; tube and wall radiators, Crane Co.; non-conducting covering for heating, Johns-Manville Co.; angle radiator valves, Crane Co.; air valves for radiators and air valves for ends of steam mains, Hoffman Specialty Co.; lighting distribution panel and feeder panel, W. A. Benjamin Elec. Co.; lighting service entrance cabinet, Trumbull Elec. Mfg. Co.; r. c. wire, Simplex Wire & Cable Co.; flush switches, Bryant Elec. Co.

BUILDING MATERIALS APPROVED
TURLOCK, Stanislaus Co., Calif.—Treasury Department approved the following awards made by the K. E. Parker Company, San Francisco, general contractors on the U. S. Post Office at Turlock. Type A switch to Myers Co. and gas water heater to Kewanee Boiler Corporation.

BUILDING MATERIALS APPROVED
NORTH HOLLYWOOD, L. A. Co., Calif.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at North Hollywood. V. C. Brunzell & Alex Ja-

cobson, 2150 Princeton Ave., Los Angeles, general contractors. Panel boards, W. A. Benjamin Elec. Co.; main switch, Trumbull Electrical Mfg. Co.; r. c. wire, Simplex Wire Co., receptacles and flush switches, Bryant Elec. Co.; lighting fixtures, Plume & Atwood Co.

BIDS WANTED

NAPA, Cal.—Until April 3, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for painting plaster, etc., in the U. S. Post Office, etc., at Napa.

Specifications may be obtained from above office and from the Custodian of the building, Napa.

Bids Wanted — To Close April 14, 1 P. M.

POST OFFICE Cost, $65,000
SELMA, Fresno Co., Cal. NE North and High Streets.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office.

NO BIDS RECEIVED

COLTON, San Bernardino Co., Cal. —No bids were received March 11, by the Treasury Department for betterments (pipe railings, concrete curbs, etc.) at the U. S. Post Office in Colton.

LOW BIDDER

VENTURA, Cal. — Mutual Metal Mfg. Co., Chicago, Ill., at $490 submitted low bid to Treasury Department for furnishing and installing interior lighting fixtures in the U. S. Post Office at Ventura. *

8— CLUB BUILDINGS

Bids Wanted—To Close March 31st, 2 P. M.

LODGE BLDG. Cost, $50,000
MERCED, Merced Co., Calif. Nineteenth and M Streets.
1½-story frame and stucco lodge bldg. (lodge rooms, cafe, card rooms, lounge, gymnasium, banquet room and billiard room).
Owner—Merced Lodge of Elks.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.

Bids are being taken as follows:
(1) General Work;
(2) Heating, Ventilating, Plumbing;
(3) Electric Wiring.

Plans and specifications may be obtained from Mr. Bedesen and from Mr. Johnson upon deposit of $10.00.

BIDS WANTED

LAS VEGAS, Nev.—Until March 21, bids will be received by the Masonic Lodge of Las Vegas for a new lodge building to be built on South Third St. Plans and specifications may be obtained from Fred Callihan, chairman of the building committee, Las Vegas. The building will be a concrete block structure with reinforced concrete beams. Cost, $20,000. Orville Clark, 369 N. Ridgewood Place, Los Angeles, architect. *

9— HOSPITALS

BIDS WANTED

WARM SPRINGS, Oregon — Until March 18, 10 A. M., bids will be received by the Construction Engineer, Indian Service, Billings, Montana, for cut stone for the Warm Springs Hospital to be erected for the U. S. Government (Department of Indian Affairs).

PLANNED

SAWTELLE, Los Angeles Co., Calif.—A bill has been introduced in the Senate authorizing the construction of a 350-bed addition to the Veterans' Hospital in Sawtelle to cost $375,000. The new unit would be added to the north end of the building and would be similar to the wing added in 1931.

BIDS WANTED

WARM SPRINGS, Oregon — Until March 27, 10 A. M., bids will be received by C. E. Brashear, Pratt Bldg., Billings, Montana, for structural steel for the construction of the new hospital building at Warm Springs.

Plans and specifications may be obtained from above office upon deposit of $10.

Bids Wanted — To Close April 7, 2 P. M.

WARD BLDG. Cost, $70,000
STOCKTON, San Joaquin Co., Calif. Stockton State Hospital.
Two-story reinforced concrete farm cottage building No. 11. (slate tile roof) to accommodate 120 beds.
Owner—State of California.
Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.

Bids are being taken as follows:
(1) General Work.
(2) Electrical Work.
(3) Plumbing.
(4) Heating and Ventilating.

Plans and specifications may be obtained from above office upon deposit of $25.

BIDS WANTED

SANTA MARIA, Santa Barbara Co., Cal.—Until March 30, 10 A. M., bids will be received by the Santa Barbara county supervisors for the construction of improvements at the branch county hospital in Santa Maria, a P W A project. Plans and specifications may be obtained from the architect, Rudolph A. Polley, 611 E Cypress St., Santa Maria, upon deposit of $25.00. Certified or cashier's check or bond for 5% must accompany each bid.

10— HOTELS

Contract Awarded.

ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 1951 Sutter Street.
Alterations to hotel.
Owner—Frank Harneau, Premises.
Architect—Not Given.
Contractor — Harold Heibing, 1310 Lombard St., San Francisco.

Preparing Working Drawings.

HOTEL Cost, $——
SAN RAFAEL, Marin Co., Calif. (Old Hotel Rafael Site).
Four- or five-story hotel (type of construction not determined) 120 rooms, etc.)
Owner—Hotel Rafael Corporation.
Architect—Andrew B. Talbot and H. C. Baumann, associated, 251 Kearny St., San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Bids Opened

CITY HALL Cost, $52,727
LINDSAY, Tulare Co., Calif.
City hall, tennis courts, playgrounds.
Owner—City of Lindsay.
Architect—F. L. Swartz, Brix Bldg., Fresno.
Low Bidder—Fisher & McNulty, Cory Bldg., Fresno.

Complete bids follow:
Fisher & McNulty, Fresno $42,600
R. P. Moore, Fresno 42,806
Trewhitt - Shields and Fisher, Fresno 44,900
Harris Const. Co., Fresno 46,742
A. Nelson, San Francisco 48,459

Recommendation made to the PWA that contract be awarded to Fisher & McNulty at $46,352 accepting Alternates 5, 6, 7, and 9.

Planned.

CITY HALL Cost, $——
SANTA CRUZ, Santa Cruz Co., Cal. Church and Locust Streets.
One-story reinforced concrete City Hall (U-shaped) 100x188 feet; (to be built in four units).
Owner—City of Santa Cruz (Roy H. Hammond, Mayor).
Architect—Allan Collins, 237 E. Cliff Drive, Santa Cruz.

Planned.

FIRE HOUSE Cost, $——
COALINGA, Fresno Co., Calif.
New firehouse.
Owner—City of Coalinga.
Architect—Not Selected.

Further details will be announced shortly.

CONTRACT AWARDED

HOLLISTER, San Benito Co., Calif. —Cramer Bros., 1325 Clement Street, San Francisco, at approximately $3,000, awarded contract by San Benito County Supervisors for acoustical work at the Memorial Auditorium in Hollister.

Application will be filed with the WPA.

Contract Awarded

ALTERATIONS Cost, $2,000
PIEDMONT, Alameda Co., Calif. 401 Hampton Road.
Alterations to residence.
Owner—Wm. Cavalier, 401 Hampton Road, Piedmont.
Architect—Wm. Farr, 68 Post Street, San Francisco.
Contractor—Carl Waltmann, 1447 Excelsior Ave., Oakland.

CONTRACT AWARDED

OAKLAND, Calif.—Aladdin Heating Corporation, 5107 Broadway, Oakland, at $2,444 awarded contract by Oakland Library Directors for remodeling and modernizing heating systems at the Golden Gate Free Library, located at 56th and San Pablo Ave., and the Twenty-Third Ave. Branch, located at 1449 Miller Ave., Oakland.

Contract Awarded

VAULT Cost, $——
MARTINEZ, Contra Costa Co., Calif.
New vault and equipment.
Owner—County of Contra Costa.
Plans by County Engineer, Martinez.
Vault Installation Work — Hermann Safe Co., 200 Howard Street, San Francisco, $5,400.

Construction of the vault will be done by the WPA.

14— RESIDENCES

To Be Done By Day's Work

RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 637 Boulevard Way.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—Geo. W. Muther, 5519 Thomas St., Oakland.
Architect—Not Given.

To Be Done By Day's Work

RESIDENCE Cost, 10,000
PIEDMONT, Alameda Co., Calif. 298 Indian Road.
Two-story frame and stucco residence (eight rooms).
Owner and Builder—Edward Larmer, 90 Fairview, Piedmont.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $1,022
BERKELEY, Alameda Co., Calif. 55 Northampton Avenue.
Alterations and additions to residence.
Owner—Mary V. and Robt. M. Mitchell, 55 Northampton Ave., Berkeley.
Architect—Not Given.
Contractor—Norman Pedersen, 1512 Albany Terrace, Berkeley.

To Be Done By Day's Work
RESIDENCE Cost, $4,500
SAN FRANCISCO. NE Tingley 104 SE Cayuga.
One - story and basement frame and stucco residence.
Owner and Builder—M. T. Struthers, 1250 Mission Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,000
PALO ALTO, Santa Clara Co., Calif. 2112 Webster Street.
One-story frame and stucco residence
Owner—A. C. Walker.
Architect—Not Given.
Contractor—V. L. Stewart, 626 Homer Ave., Palo Alto.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 29th Avenue S Cabrillo Street.
One - story and basement frame and stucco residence.
Owner and Builder—Herman Christensen, 1422 27th Ave.
Architect — C. O. Clausen, 746 46th Avenue.

Contract Awarded
RESIDENCE Cost, $5,340
CARMEL, Monterey Co., Calif.
1½-story frame and stucco residence
Owner—Katherine M. Howe, Carmel.
Architect—C. J Ryland, 543 Hatton Road, Carmel.
Contractor—Miles Bain, Box 534, Carmel.

Contract Awarded
RESIDENCE Cost, $8,500
PALO ALTO, Santa Clara Co., Calif. Santa Teresa Ave., Stanford University Campus.
Two-story frame and stucco residence
Owner—Geo. B. Culver, 648 Foothill Road, Palo Alto.
Architect—Not Given.
Contractor—Wells P. Goodenough, 49 Wells St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $4,500
STOCKTON, San Joaquin Co., Calif. 1445 North Lincoln Way.
One-story frame and stucco residence (five rooms).
Owner—M. B. England.
Architect—Not Given.
Contractor—W. T. McCarthy, 529 East Clay St., Stockton.

Contract Awarded
RESIDENCE Cost, $5,000
STOCKTON, San Joaquin Co., Calif.
One - story and basement frame and stucco residence (six rooms).
Owner—Jas. G. Smith, 430 E. Chestnut St., Stockton.
Architect—Not Given.
Contractor—Frank P. Guyen, 1211 E. Main St., Stockton.

Owner Taking Bids.
RESIDENCE Cost, $18,000
VALLEJO, Solano Co., Calif.
Two-story and basement frame and stucco residence (9 rooms and 4 baths) tile roof, canvas walls, tile baths, steel sash, watertight hardware, oak floors, electric heating system (to be installed by owner)
Owner—Dr. E. J. Casper.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4500
PITTSBURG, Contra Costa Co., Cal. No. 347 W Ninth Street.
One-story frame and stucco duplex residence.
Owner—Vicent Cardinale, Pittsburg.
Architect—Not Given.
Contractor—Russell P. Cataline, Pittsburg.

Segregated Bids Being Taken.
RESIDENCE Cost, $4,500
ORINDA, Contra Costa Co., Calif.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.

Contract Awarded
RESIDENCE Cost, $6,500
MODESTO, Stanislaus Co., Calif.
Two - story and basement frame and stucco residence (7 rooms and 2 baths) tile roof, gas heating system, steel or wood sash, hardwood floors, tile baths, etc.
Owner—M. H. Johnston.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—M. O. Ward, Modesto.

Low Bidder
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
One - story and basement frame and stucco residence (five rooms) split shingle roof, gas heating system, hardwood floors, tile bath, wood and steel sash, etc.
Owner—St. Clair Devereaux, Stockton
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Low Bidder—Wm. R. Ashworth, 1922 N Center St., Stockton.

Contract Awarded
RESIDENCE Cost, $7,500
BERKELEY, Alameda Co., Cal. Virginia Street.
Two-story frame and stucco residence (six rooms).
Owner—J. Koferd.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—C. M. Teigland, 4669 Dolores Ave., Oakland.

To Be Done By Day's Work
DWELLING Cost, $7,000
OAKLAND, Alameda Co., Calif. 4331 Bridgeview Drive.
Two-story frame and stucco residence (six rooms).
Owner—Estelle Cabrien, 3016 Central Ave., Alameda.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,250
SAN FRANCISCO. Francisco Heights. Beaumont Avenue.
Two-story frame and stucco residence (7 rooms and 2 baths) terra cotta shingle roof, gas heating system, incinerator, steel sash (casement type) plank hardwood floors, tile baths; two-car garage, etc.
Owner—J. H. Werner.
Architect—Oscar R. Thayer, 110 Sutter Street.
Contractor—Mager Bros., 1359 Fourth Avenue.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 2862 82nd Avenue.
One - story and basement frame and stucco residence (six rooms).
Owner—Otto Porges, 3356 61th Ave., Oakland.
Architect—F. H. Slocombe, 121 Monte Cresta Ave., Oakland.
Contractor—H. T. Caskey, 4215 Carson St., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 544 East 20th Street.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 4363 Harboard Drive.
Two-story frame and stucco residence (six rooms).
Owner & Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 4301 Bridgeview Drive.
One - story and basement frame and stucco residence (7 rooms).
Owner and Builder—A. H. Monez, 4133 Oakmore Road, Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Calif. 5300 Camden Street.
One - story and basement frame and stucco residence (five rooms).
Owner—A. G. Steffey, 6305 Camden St., Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $3,800
HAYWARD, Alameda Co., Calif. 1163 C Street.
One-story frame and stucco residence.
Owner—J. M. and Mabel Alves.
Architect—Not Given.
Contractor—Zaballos, Hayward.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 30th Avenue S Lawton Street.
One - story and basement frame and stucco residence.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCE Cost, $12,000
SAN MATEO PARK, San Mateo Co., Calif. Dorchester and Bellview.
Two - story and basement frame and stucco residence (11 rooms and 4 baths) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Charles J. Kelly.
Architect—E. M. Sharpe, 525 Market St., San Francisco.
Contractor—Mooney & McDonald, 1464 Burlingame Ave., Burlingame.
Roofing—C. L. Frost, Palo Alto.
Plumbing—J. W. Forsythe, San Mateo
Electric Wiring—Medley Electric Co., Burlingame.
Iron Grille Work—San Mateo Forge, San Mateo.
Wood Sash—Pacific Mfg. Co., Santa Clara.
Hardware — Wisnom Hardware Co., San Mateo.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Twenty-seventh Ave. S Lawton St.
Two one-story and basement frame and stucco residences.

Owner and Builder—Herman Christensen, 1422 27th Ave., S. F.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. NE Romain St. and Corbett Avenue.
One-story and basement frame and stucco residence.
Owner and Builder—Fernando Nelson Inc., 2901 19th Ave., San Francisco
Plans by Owner.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. S Kirkham St. E 23rd Avenue.
One-story and basement frame and stucco residence.
Owner and Builder — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO. SW Forty-fourth Ave. and Irving Street.
One-story and basement frame and stucco residence.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect — Chas. F. Strothoff, 2275 15th St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Twenty-first Ave. S Moraga St.
One-story and basement frame and stucco residence.
Owner and Builder — John Beck, 500 Leavenworth St., San Francisco.
Architect—Not Given.

Low Bidder.
RESIDENCE Cost, $——
SAN FRANCISCO. Pacific Ave. and Pierce Street.
Two-story frame, stucco and brick veneer residence.
Owner—Mortimer Fleishhacker.
Architect—W. W. Wurster, 260 California St., San Francisco.
Low Bidder — Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $9000
SACRAMENTO, Sacramento Co., Cal. No. 1020 Forty-sixth Avenue.
Two-story frame and stucco residence
Owner—Carl L. Wapple, 1044 38th St., Sacramento.
Architect—Not Given.
Contractor—N. H. Lund, 2549 Sixth Ave., Sacramento.

Contract Awarded.
RESIDENCE Cost, $5000
SACRAMENTO, Sacramento Co., Cal.
One-story frame and stucco residence
Owner—Susie D. Webb.
Architect—Not Given.
Contractor — J. Cechettini, 508 San Antonio Way, Sacramento.

Contract Awarded.
RESIDENCE Cost, $6000
PALO ALTO, Santa Clara Co., Calif. No. 2266 Webster Street.
One-story and basement frame and stucco residence.
Owner—Marcus Stedman, 1818 Bryant St., Palo Alto.
Architect—Not Given.
Contractor—Stedman & Stedman, 1818 Bryant St., Palo Alto.

Preparing Working Drawings
RESIDENCE Cost, $——
FORT BRAGG, Mendocino Co., Calif.
Two - story and basement frame and stucco residence (7 rooms and 3 baths) built-up composition roofing, oil burning hot air heating system, steel sash, hardwood floors tile baths, etc.
Owner—Lee Wilson.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contract Awarded.
RESIDENCE Cost, $8000
PALO ALTO, Santa Clara Co., Calif. 2460 South Court Street.
Two-story frame and stucco residence.
Owner—E. J. Reed.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto

Contract Awarded.
RESIDENCES Cost, $3000 each
PALO ALTO, Santa Clara Co., Calif. No. 500 and 510 Hanover Street.
Two one-story frame and stucco residences.
Owner—Dwight E. Carey.
Architect—Not Given.
Contractor — Vance M. Brown, 1226 Middlefield Road, Palo Alto.

Plans Being Figured—Bids Close Mar. 18, 4 P. M.
APARTMENTS Cost, $20,000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame and stucco apartment building.
Owner—Dr. L. R. Dupuich, Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Following will submit bids:
Jensen & Pedersen, 3443 Adeline St., Oakland.
C. H. Thrams, 28 Home Place, Oakland.
J. W. Monroe, 5338 Claremont Ave., Oakland.
A. T. Beckett, 315 4th St., Oakland.
Mark Bristol, 1038 McKinley Ave., Oakland.
W. Vernon Bernard, RFD Box 18-E, Berkeley.

Contract Awarded.
RESIDENCE Cost, $——
VACAVILLE, Solano Co., Calif.
Two-story and basement frame and stucco residence (14 rooms and 4 baths) shingle tile roof, hot air blower type heating system, insulated walls, etc.
Owner—Dr. I. W. Robbins, Palo Alto and Vacaville.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Contractor—Joel Johnson & Son, 1614 Church St., San Francisco.
Mill Work — Pacific Mfg. Co., Santa Clara.
Plumbing and Heating—Nicholson & Son, Main St., Vacaville.

Contract Awarded
RESIDENCE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 6 East Cleveland Street.
One - story frame and stucco residence (five rooms).
Owner—Robert Smith.
Architect—Not Given.
Contractor—E. H. Malkemus, 622 N. Stanislaus St., Stockton

Preparing Working Drawings
RESIDENCE Cost, $——
FORT BRAGG, Mendocino Co., Calif.
One - story and basement frame residence (five rooms) wood siding, shingle roof, wood sash, hardwood floors, etc.
Owner—Mr. Penetti.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contract Awarded
RESIDENCE Contract Price, $5,349
SANTA ROSA, Sonoma Co., Calif.
Two-story frame and stucco residence (six rooms) shingle roof, gas furnace, board and batton first floor, wood frame on second, oak floors, California stucco walls, etc. (early California type).
Owner—A. M. Call.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Leon Koch, 526 Orchard St., Santa Rosa.

Contract Awarded
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 759 Keeler Avenue.
One - story and basement frame and stucco residence (six rooms).
Owner—A. R. Udall, 2627 Piedmont Ave., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 676 South Tuxedo Avenue.
One - story frame and stucco residence (five rooms).
Owner and Builder—S. C. Giles, 121 Knoles Way, Stockton.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $9000
OAKLAND, Alameda Co., Calif.
Two-story and basement frame and stucco residence (steel sash, gas heating system, hardwood floors, tile baths, etc.)
Owner—Mr. Bell.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor — Frank G. Appelbe, 1067 Walker Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $11,000
REDWOOD CITY, San Mateo Co., Cal. No. 894 Edgewood Road.
Two-story frame and stucco residence.
Owner—F. W. Freechtle, 1175 Cleveland St., Redwood City.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—L. F. Bourquin, 128 Iris St., Redwood City.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
BURLINGAME, San Mateo Co., Cal. Burlingame Hills Tract.
Two-story frame and stucco residence
Owner and Builder—Gordon Hess, 1446 Burlingame Ave., Burlingame.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $6000 each
SAN MATEO, San Mateo Co., Calif. Lots 1 & 2 Blk 14, Castilian Way.
Two one-story and basement frame and stucco residences.
Owner & Builder—Roy Allen, 1919 Ivy St., San Mateo.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Lot 12 Blk 9, Seville Way.
One-story and basement frame and stucco residence.
Owner—E. W. Lendman, 1317 Castillo St., Burlingame
Architect—Not Given.
Contractor—Don Leadley, 210 Monte Diablo Ave., San Mateo.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Lot 13 Blk 9, Seville Way.
One-story and basement frame and stucco residence.
Owner and Builder—Don Leadley, 210 Monte Diablo Ave., San Mateo.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
BURLINGAME, San Mateo Co., Calif. Lot 13 Blk 4, Corbett Drive.
One-story frame and stucco residence
Owner—W. B. Saltzman.
Architect—Not Given.
Contractor—Chas. Pedersen, 734 Prospect Road, Burlingame.

Contract Awarded.
RESIDENCE Cost, $5500
BURLINGAME, San Mateo Co., Calif. Lot 12 Blk 48, Cortez Street.
One-story frame and stucco residence.
Owner—Frank J. Ross.
Architect—Not Given.
Contractor — W. O. Nicolaides, 218 Peninsula Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $5500
STOCKTON, San Joaquin Co., Calif. No. 144 Stadium Drive.
One-story frame and stucco residence (5 rooms).
Owner—A. Russell Kern, 1619 N. Edison St., Stockton.
Architect—Not Given.
Contractor — S. C. Giles, 212 Knoles Way, Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO. W Melba N Eucalyptus.
One - story and basement frame and stucco residence.
Owner and Builder—Fernando Nelson, Inc., 2901 19th Avenue.
Plans by Owner.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 5614 Balboa Drive.
Two-story frame and stucco residence (seven rooms).
Owner—Paul A. Wolter.
Architect—Not Given.
Contractor—James Allen, 6718 Flora St., Oakland.

Contract Awarded
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 1000 Miller.
One-story frame and stucco residence (five rooms).
Owner—H. A. Savage, Jr., 2214 Haste St., Berkeley.
Plans by C. L. Sherwood, Albany.
Contractor—D. Kavanagh, 1729 Francisco, Berkeley.

Sub-Bids Wanted
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. 632 Cragmont Avenue.
Two-story frame residence and garage (seven rooms).
Owner—Robert E. Foltz, Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Randolf F. Parks, 1847 Yosemite Road, Berkeley.
Roofing—Primrose Roofing Company.
Lumber—Oakland Lumber Co., Oakland.
Concrete—Ensor Buel, Berkeley.
Reinforcing Steel—Markus Hardware Co., Berkeley.
Sub-bids are wanted on plumbing electric, heating, sheet metal, tile work, lathing and plastering, etc.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 4023 Forest Hill Ave.
One-story and basement frame and stucco residence (5 rooms).
Owner—A. G. Lockwood, 3972 Whittle Ave., Oakland.
Architect—Not Given.
Contractor—C. J. Krattenmaker, 5322 James Ave., Alameda.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 2714 Pacific Ave.
Alterations to residence.
Owner—F. W. Bradley.
Architect—W. W. Wurster, 260 California Street.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN JOSE, Santa Clara Co., Cal. No. 608 N. Fifteenth Street.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder — John W. Allen, 604 N. 15th St., San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
SAN JOSE, Santa Clara Co., Calif. No. 664 Chapman Street.
Two-story frame and stucco residence (6 rooms).
Owner — W. J. Peters, 1295 Randol Ave., San Jose.
Architect—Not Given.
Contractor — Rollie Williams, 1497 Shasta Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Calif. Harliss Ave. near Virginia St.
Two-story frame and stucco residence (6 rooms).
Owner—R. Santoro, 799 Palm Street, San Jose.
Architect—Not Given.
Contractor—Nick Lamarra, 205 Race St., San Jose.

Contract Awarded.
RESIDENCE Cost, $3000
SAN JOSE, Santa Clara Co., Calif. No. 1149 Cook Street.
One-story frame residence (5 rooms).
Owner—Louisa Pratt, 274 N. Fifth St. San Jose.
Architect—Not Given.
Contractor — N. M. Stacey, 53 Talmadge Ave., San Jose.

Plans Being Figured — Bids Close March 19.
RESIDENCE Cost, $20,000
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two-story frame and brick veneer residence.
Owner—George Harlow.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. E Thirty-first Ave. S Vicente Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. No. 417 Vassar St.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 620 E-20th Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—M. T. Lapes, 1819 15th Ave., Oakland.
Architect—Not Given.
Contractor—Harry Glynn, 6023 Colby St., Oakland.

Contract Awarded.
RESIDENCE Cost, $3500
ALAMEDA, Alameda Co., Cal. No. 1811 Clinton Avenue.
One-story frame and stucco residence (5 rooms).
Owner—W. D. Craig, 2026 Clinton Ave. Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.

Contract Awarded.
RESIDENCE Cost, $4000
ALAMEDA, Alameda Co., Cal. No. 1327 Versailles Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—H. D .Bendham.
Architect—Not Given.
Contractor—New American Homes & Investment Corp., 1623 High St., Alameda.

Contract Awarded.
RESIDENCE Cost, $4000
ALAMEDA, Alameda Co., Cal. No. 1325 Versailles Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—O. L. Clundt.
Architect—Not Given.
Contractor—New American Homes & Investment Corp., 1623 High St., Alameda.

Contract Awarded.
RESIDENCE Cost, $4000
ALAMEDA, Alameda Co., Cal. No. 1329 Versailles Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—C. E. Loyal.
Architect—Not Given.
Contractor—New American Homes & Investment Corp., 1623 High St., Alameda.

Contract Awarded.
RESIDENCE Cost, $4500
SAN JOSE, Santa Clara Co., Calif. No. 1098 Sherwood Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner—Frank Miller, 327 E. San Carlos St., San Jose.
Architect—Not Given.
Contractor—Martin Green & Co., 7 W. Santa Clara St., San Jose.

Contract Awarded.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Calif. No. 1474 McKee Road.
One-story and basement frame and stucco residence (5 rooms).
Owner—Gaston Bonnet, 1464 McKee Road, San Jose.
Architect—Not Given.
Contractor—B. H. Painter, 24 N. Second St., San Jose.

Contract Awarded.
RESIDENCE Cost, $3500
SAN JOSE, Santa Clara Co., Calif. 26th St. near St. John St.
One-story and basement frame and stucco residence (5 rooms).
Owner—M. Vierra, Hamline St., San Jose.
Architect—Not Given.
Contractor—F. G. Rose, 1439 Shortridge Ave., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $7,500
VALLEJO, Solano Co., Calif.
One - story and basement frame and stucco residence (7 rooms and 2 baths) shingle roof, hardwood floors, tile baths, wood sash, gas heating system, etc.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley Street, Oakland.
Plans will be complete in about two weeks.

Low Bidder.
RESIDENCE Cost, $35,000
PIEDMONT, Alameda Co., Cal. Seaview Avenue.
Two-story and basement, frame and brick veneer residence (12 rooms. 6 baths) shingle tile roof, gas hot air heating system, tile baths hardwood floors, etc.
Owner—Mr. Catlin.
Architect—Fred Reimers, 233 Post St., San Francisco.
Low Bidder—Fred K. DuPuy, 110 Sutter St., S. F.
Bids under advisement until March 11th.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Cal. No. 635 N. Sixteenth Street.
One-story frame and tucco residence (6 rooms).
Owner and Builder — Raymond C. Hartwig, 825 E. Julian St., San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. S Greenwich St. E Divisadero Street.
One-story and basement frame and stucco residence.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4..000
SAN FRANCISCO. E Jules St. S De Montford St.
One-story and basement frame and stucco residence.
Owner and Builder—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
SAN FRANCISCO. SE Pinehurst and Upland Streets.
RESIDENCE Cost, $5000
One-story and basement frame and stucco residence.
Owner and Builder—N. E. Johnson, 666 Mission St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Calif. No. 1137 Delno Street.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder — C. O. Metcalf, 1046 Dean Ave., San Jose.
Architect—Not Given.

To Ask Bids Within Few Days
RESIDENCE Cost, $4,500
OAKLAND, Alameda Co., Cal. Montclair District.
One - story and basement frame and stucco residence (six rooms) tile roof, wood sash, hardwood floors, tile bath, etc.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley Street, Oakland.

Plans Being Prepared
RESIDENCE Cost $6,500
RICHMOND, Contra Costa Co., Calif.
Two - story and basement residence (6 rooms and 2 baths) shake roof, plaster, board and batten exterior, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Jas. Narbett, 462 31st St., Richmond.

To Ask Bids Within One Week.
RESIDENCE Cost, $7,500
RICHMOND, Contra Costa Co., Calif. Mira Vista Tract.
Two - story and basement frame and stucco residence (7 rooms and 3 baths) tile, tar and gravel roofing, central heating plant, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Jas. Narbett, 462 31st St., Richmond.

Contract Awarded
RESIDENCE Cost, $10,500
HILLSBOROUGH, San Mateo County.
Two-story and basement frame residence (wood exterior, shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.; 8 rooms, 3 baths).
Owner—Withheld.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.
Contractor—Herman Helsher, 325 Elm St., San Mateo.

Contract Awarded
RESIDENCE Cost, $——
ROSS, Marin Co., Cal. Del Mesa Tct.
Two - story and basement frame and stucco residence (7 rooms and 3 baths).
Owner—Mr. Neff.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Leibert & Trobock, Albert Bldg., San Rafael.

Contract Awarded
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Calif. 34 Panoramic Way.
Two - story and basement frame and stucco residence (6 rooms).
Owner—L. W. Ascher, 586 Santa Clara Ave., Alameda.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—N. K. Schulz, 811 Mendocino Ave., Berkeley.

Plans Being Prepared.
RESIDENCE Cost, $——
BURLINGAME HILLS, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (Monterey - Colonial Style) split shingle roof, metal sash, hardwood floor, oil burning heating system, tile baths etc. 3 bedrooms, den with fireplace and sewing room on second floor, terraces of common brick, etc.
Owner—Withheld.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.
Bids will be asked about March 16.

Brick Bids Being Taken.
RESIDENCE Cost, $16,000
PALO ALTO, Santa Clara Co., Calif.
Two-story frame and brick residence
Owner—Dr. E. Weiss, Palo Alto.
Architect — J. K. Branner, 210 Post St., San Francisco.
As previously reported, cement contract awarded to A. C. Petersen, 1247 Stanford Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $5287
SAN ANSELMO, Marin Co., Calif.
One-story frame and stucco residence and separate garage.
Owner—Francis Shafer, San Anselmo.
Architect—E. G. Bolles, 681 Market St., San Francisco.
Contractor—Leibert & Trobock, Albert Bldg., San Rafael.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO COUNTY, Cal. Cardilarus Road.
One-story frame and stucco residence.
Owner—P. J. Mortola.
Architect—Not Given.
Contractor — H. F. Coykendall, 128 Hudson St., Redwood City.

Contract Awarded.
EMERALD LAKE, San Mateo Co., Cal. Upland Road.
One-story frame residence.
Owner—L. N. Lloyd.
Architect—Not Given.
Contractor — H. F. Coykendall, 128 Hudson St., Redwood City.

Plans Being Prepared
RESIDENCE Cost, $——
PIEDMONT, Ala. Co., Calif.
Two-story and basement frame and stucco residence (8 rooms, 3 baths).
Owner—Withheld.
Architect—J. K. Ballantine, 137 Harlan Place, San Francisco.
Bids will be asked in about thirty days.

Contract Awarded.
RESIDENCE Cost, $7000
SACRAMENTO, Sacramento Co., Cal. 1118 Fourth Avenue.
Two-story frame and stucco residence
Owner—Irving Pierce.
Architect—Not Given.
Contractor—N. H. Lund, 2549 Sixth Ave., Sacramento.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN JOSE, Santa Clara Co., Calif.
Two two-story frame and stucco residences.
Owner—Pasetta Estate.
Architect — Martin J. Rist, Phelan Bldg., San francisco.
Construction will start shortly.

Contract Awarded
RESIDENCE Cost, $5,000
MODESTO, Stanislaus Co., Calif.
Two-story frame and stucco residence (6 rooms and 2 baths) shingle roof gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Keffer, Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—M. O. Ward, Rte. 1, Box 541, Modesto.

15— SCHOOLS

BIDS OPENED

LOS ANGELES, Calif. — David Wein, 1709 Orchard Ave., submitted low bid to Los Angeles board of education, at $2345, for painting and miscellaneous work on the main brick building at Glassell Park school, 2211 W. Avenue 30. Other bids were: D. Zelinsky & Sons, $2669; Robert A. West, $2776; Floyd J. Christensen, $2888; Jack Ewins, $2890; T. A. Rucker, $2900; Patterson Bros., $2940; H. J. McKinley, $2990; Harry Wasserman, $3116; William Gelfan, $3232; Klaas Bros., $3233; J. P. Carroll Co., $3299; George F. Tondro & Son, $4374.

Bids Wanted—To Close March 23rd, 2 P. M.
GYMNASIUM Cost, $——
MODESTO, Stanislaus Co., Calif.
Construct portion of girls' gymnasium at Modesto High School.
Owner—Modesto High School District.
Architect—John J. Donovan, 950 Parker St., Berkeley.
Plans and specifications may be obtained from the architect and from Board of Education, Capitol School, 14th St. between H and I Sts., Modesto.

BIDS WANTED

LOS ANGELES, Cal.—Until March 23, 2 P. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for painting and miscellaneous work at the following schools: Woodlawn Ave., 6314 Woodlawn Ave., Bell, main building, estimated cost $500; David Starr Jordan high, administration building, main building (less 1925 portion) domestic science building and Shops No. 1 and No. 2, estimated cost $6600; South Park, 455 E. Manchester

Ave., annex building, estimated cost $2300.

Sub Contracts Awarded
RECON SCHOOL Cont. Price $54,322
OAKLAND, Alameda Co., Calif. Lincoln Avenue and Scenic Street.
Structural alterations to Sequoia School (12 rooms) brick and tile construction).
Owner—Oakland School District.
Architect—W. G. Corlett, Administration Bldg., Oakland.
Contractor—Fred J. Early Jr., 369 Pine St., San Francisco.
Concrete—J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Rein. Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Gunite—Cement Gun Construction Co., 9 Main St., San Francisco.
Plastering—M. J. King, 2343 Bay St., San Francisco.
Painting—J. Exley, 1563 Quesada Ave., San Francisco.
Structural Steel & Orn. Iron—Independent Iron Works.
Plumbing & Heating—Carl Doell, 467 21st St., Oakland.
Electric—Central Electric Co., 555 12th St., Oakland.
Roofing—N. V. Heathorn, 354 Hobart St., Oakland.
Demolision—Emsco Concrete Cutting Co., Oakland.

Preparing Working Drawings
GYMNASIUM Cost, $30,000
CEDARVILLE, Modoc Co., Calif.
One-story frame and stucco gymnasium.
Owner—Surprise Valley Union High School District.
Architect—Jens Petersen, 812 26th St., Sacramento.
Plans will be completed in about six weeks.

Contract Awarded
STORE Cost, $12,000
OAKLAND, Alameda Co., Cal. Grand Avenue.
One-story reinforced concrete store building (50x80-ft.)
Owner—J. W. and L. E. Dinsmore.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway Ave., Oakland.

Plans Being Prepared
GYMNASIUM Cost, $—
DURHAM, Butte County, Calif.
One-story gymnasium.
Owner—Durham Union High School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.

BIDS REJECTED
WASCO, Kern Co., Calif.—Wasco Union High School District rejected all bids received March 2 for the construction of an agricultural addition to the shop building at the Wasco High School.
New bids will be asked shortly.
Plans prepared by Architect Edwin J. Symmes, 215 Haberfelde Building, Bakersfield. Estimated cost, $12,000.

Preparing Working Drawings.
MUSIC BLDG. Cost, $10,000
TURLOCK, Stanislaus Co., Calif.
One-story frame and stucco music building.
Owner — Turlock Union High School District.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Bids will be asked about April 15.

COMMISIONED TO PREPARE PLANS
LOS ANGELES, Cal.—Architect S. C. Lee, 1648 Wilshire Blvd., has been commissioned to prepare plans and specifications for a 4-story and basement business college building to be built at the northwest corner of St. Paul Avenue and Wilshire Blvd. for Chas. S. and Joseph Crall. The structure will be occupied by Woodbury College and will contain an auditorium and classrooms; construction will be of reinforced concrete. Cost, $200,000.

Planned.
HIGH SCHOOL Cost, $60,000
MODESTO, Stanislaus Co., Calif.
New high school building and gymnasium at Roosevelt School.
Owner—Modesto School District.
Architect—Not Selected.
Application will be filed with the WPA.
Further details will be announced at a later date.

BONDS DEFEATED
CHUALAR, Monterey Co., Cal.—Chualar Union School District, defeated bond issue in the amount of $14,000 March 2. Proceeds were to have financed construction of alterations and additions to school in Chualar.
Plans prepared by Architect Robert Stanton, Hotel Del Monte, Del Monte, Calif.

Contract Awarded.
AUDITORIUM Cont. Price, $105,400
OILDALE, Kern Co., Calif.
One-story reinforced concrete auditorium (to seat 1500).
Owner—Standard School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Henry Eissler, 2229 18th St., Bakersfield.

To Ask Bids In One Week
GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect—Wm. Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
(Note) It was previously reported that bids would be opened on March 13th, which was in error. A date for opening bids will be set in about one week.

Preparing Working Drawings
SCIENCE AND LAB. BLDG. $15,000
ELK GROVE, Sacramento Co., Calif.
One-story science and laboratory building (concrete foundations, frame and stucco structure).
Owner—Elk Grove Grammar School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Bids will be asked in about two weeks.

LOW BIDDER
SOUTH PASADENA, Los Angeles Co., Calif.—Duff & Vandenhoogen, 733 W. 14th St., Long Beach, submitted low bid to South Pasadena High School District, at approximately $99,700 for reconstructing the auditorium building at South Pasadena high school. Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, architects.

LOW BIDDER
LOS ANGELES, Calif. — David Wein, 1709 Orchard Ave., submitted low bid to Los Angeles board of education, at $8600, for painting and miscellaneous work on the main, south and domestic science buildings at James A. Foshay junior high school, 3751 S. Harvard Blvd.

BIDS OPENED
LOS ANGELES, Calif. — David Wein, 1709 Orchard Ave., submitted low bid to Los Angeles Board of Education, at $2180, for painting and miscellaneous work on the east building and the 1924 portion of the north building at Bridge Street school, 605 N. Boyle Ave. Other bids were: D. Zelinsky & Sons, $2863; Burger Decorating Co., $2991; Harry Wasserman, $3100; Patterson Bros., $3111; Jack Ewins, $3160; H. J. McKinley, $3,190; Klaas Bros., $3277; J. P. Carroll Co., $3420; W. G. Thompson, $3,450; William Gelfan, $3470; T. A. Rucker, $3600; George F. Tondro & Sons, $3723; Robert A. West, $4497.

BIDS OPENED
LOS ANGELES, Calif. - David Wein, 1709 Orchard Ave. (RI 5981), submitted low bid to Los Angeles board of education, at $2470, for painting and miscellaneous work on the main building, less auditorium section, at the Eagle Rock elementary school, 2057 Fair Park Ave. Other bids were: D. Zelinsky & Sons, $2,780; Floyd J. Christensen, $3000; Burger Decorating Co., $3091; Jack Ewins, $3265; J. P. Carroll Co., $3,444; Harry Wasserman, $3660; William Gelfan, $3700; Patterson Bros., $3790; Robert A. West, $3909; Klaas Bros., $4000; T. A .Rucker, $4500; George F. Tondro & Son, $5360.

LOW BIDDER
LOS ANGELES, Calif.—George M. Easton, 4822 W. Jefferson Blvd., Los Angeles, submitted low bid to Los Angeles board of education, at $146,800, for two-story classroom building and a one-story boys' physical education building to be erected at Nathaniel Narbonne high school, 25,423 Redondo-Wilmington Blvd., Lomita. Albert C. Martin and Norman Patten, 233 Higgins Bldg., Los Angeles, Structural Engineer, and C. A. Sanborn & Co., mechanical engineers, 357 S. Hill St., Los Angeles.

Commissioned To Prepare Plans.
RECON. SCHOOL, ETC. $60,000
SAN LEANDRO, Alameda Co., Calif.
Reconstruction of existing unit and completion of scheme of the Roosevelt School.
Owner—San Leandro School District.
Architect—George Klinkhardt, Bank of America Bldg., Oakland.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
(9008) 1st report Feb. 24, 1936. 15

Plans Awaiting Approval.
GYMNASIUM Cost, $50,000
SAN LUIS OBISPO, Cal. High School Campus.
One-story gymnasium (72x144 feet): steel frame structure, masonry walls, steel sash, maple floors, two sun decks, tile roof, electric wiring, metal skylights, stucco exterior, etc.
Owner — San Luis Obispo Board of Education.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans have been forwarded to the State Division of Architecture, Sacramento, for approval. Bids will be asked shortly.

Plans Approved.
ALTERATIONS Cost, $57,995
BERKELEY, Alameda Co., Calif. Le Roy Ave. and Buena Vista Ave.
Alterations to Hillside School.
Owner—Berkeley School District.
Architect—Eldridge T. Spencer, Sprecels Bldg., San Francisco.
Engineer—Thos. F. Chase, Berkeley Board of Education.
Material bids will be asked shortly.
Project approved by WPA.

Additional Sub-Contracts Awarded.
ALTERATIONS Cont. Price, $143,725
BERKELEY, Alameda Co., Calif. 1775 Rose Street.
Alterations to Garfield School.
Owner—Berkeley School District.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Engineer—Thomas F. Chase, Berkeley Board of Education, Berkeley.
Contractor—K. E. Parker Co., 135 So Park, San Francisco.
Blackboards—J. W. Fricke, 420 Market St., San Francisco.
Sheet Metal Ducts—Ace Sheet Metal Works, 444 Clementina Street, San Francisco.
Roofing—Fred Hayden, 369 Stockton Ave., San Jose.
Special Hardware—Dalmo Mfg. Co., 511 Harrison St., San Francisco.
Sprinklers—Grinnell Co. of the Pacific 601 Brannan St., San Francisco.
Other awards previously reported.

Plans Being Prepared
ADDITION Cost, $24,000
LAFAYETTE, Contra Costa Co., Cal.
Addition to Lafayette School (add two classrooms and auditorium to seat 300) frame and stucco construction.
Owner—Lafayette School District.
Architect—Jas. Narbett, 462 31st St., Richmond.
Application has been filed with the WPA.

Material Bids Wanted—To Close Mar. 23, 5:15 P. M.
REHABILITATE GYMNASIUM Cost, $53,459
BERKELEY, Alameda Co., Cal. 1200 University Avenue.
Rehabilitation of boys' gymnasium in Burbank Junior High School.
Owner—Berkeley School District.
Architect—W. C. Ambrose, 214 Kearny St., San Francisco.
Engineer—Thos. F. Chace, Berkeley Board of Education.
Specifications may be obtained from the secretary of the school district. No deposit required. Project approved by the WPA.

BIDS WANTED
LOS ANGELES, Cal.—Until March 20, 2 P. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for painting and miscellaneous work at the following schools: Middleton St., corner Zoe and Middleton Streets, Huntington Park, northeast, northwest and southeast buildings and auditorium, estimated cost, $2000; San Gabriel Ave., 8628 San Gabriel Ave., South Gate, main building, estimated cost, $2200; State St., 3211 Santa Ana St., South Gate, administration building, primary unit and classroom bldgs. Estimated cost, $7300; Wadsworth St., 1025 E 38th St., main brick building, estimated cost, $5500.

Award Recommended.
SCHOOL Cont. Price, $29,253
WOODLAKE, Tulare Co., Calif.
One-story frame and stucco school building (3 classrooms).
Owner—Woodlake School District.
Architect—E. J. Kump, Rowell Bldg., Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Hodgson & Son, Porterville.
Recommendation made to the PWA that contract be awarded to Hodgson & Sons, at $29,253.
Complete bids published March 3.

CONTRACT AWARDED
LOS ANGELES, Calif.—W. E. Allen, 745 W. 14th St., Long Beach, awarded contract by Cypress School District, at approximately $58,000, for construction of a new school building, west of Anaheim, a PWA project. W. Horace Austin and H. C. Wildman, Spurgeon Bldg., Santa Ana, architect.

LOW BIDDER
LOS ANGELES, Calif.—Harvey A. Nichols, 936 E. Slauson Ave., submitted low bid to Los Angeles board of education, at $64,660, for reconstruction, rehabilitation and strengthening of the main building and auditorium, including arcade section, at Van Ness Avenue school, 501 N. Van Ness Ave. Harold S. Johnson, 1001 Architects' Bldg., architect, and Ralph E. Marvin, 6362 Hollywood Blvd., Structural Engineer.

Bonds Voted — Preparing Working Drawings.
GYM. & POOL Cost, $155,000
DALY CITY, San Mateo Co., Calif.
One-story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring), reinforced concrete swimming pool (40x75 feet).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Application has been filed with the PWA for a grant of $69,000. Bonds in the amount of $85,000 were recently voted.

Plans Being Prepared.
SCHOOL Cost, $649,217
SACRAMENTO, Sacramento Co., Cal. West Freeport Blvd., bet. Bidwell Way and Sixth Avenue.
Main high school building.
Owner—Sacramento School District.
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Bids Wanted — To Close March 25, 2:30 P. M.
ADDITION Cost, $——
SAN FRANCISCO. Aptos Ave. and Upland Drive.
Eight classroom additions to the Aptos Junior High School.
Owner—City and County of San Francisco.
Architect—Dodge Reidy, 821 Market St., San Francisco.
Bids are being taken as follows:
(1) General work, including mechanical and electrical. Est. cost, $75,800; Pep. for plans, $55.
(2) General work only. Est. cost. $65,000; deposit for plans, $25.
(3) Mechanical and Plumbing. Est. cost, $8000; deposit of plans, $15.
(4) Electrical work. Est. cost, $2800. deposit for plans, $15.
Plans and specifications may be obtained from Chas. Sawyer, City Architect.

Contract Awarded
RESIDENCE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 721 North Yosemite Street.
One-story frame and brick veneer residence (four rooms).
Owner—G. W. Santos, 338 W Willow St., Stockton.
Architect—Not Given.
Contractor—S. C. Giles, 121 Knoles Way, Stockton.

BIDS WANTED
WASCO, Kern Co., Cal.—Until Mar. 23, new bids will be received by the Wasco Union High School District, Kern county for the construction of an agricultural addition to the shop building at Wasco high school. Plans and specifications may be obtained at the office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield, upon deposit of $10. Certified check or bond for 10% must accompany each bid. The building will be a reinforced concrete structure, costing approximately $42,000. An additional $4,000 will be spent for furniture and equipment. All bids received March 2 were rejected.

Plans Being Prepared.
GYMNASIUM Cost, $90,000
SACRAMENTO, Sacramento Co., Cal. West Freeport Blvd., bet. Bidwell Way and Sixth Avenue.
Gymnasium at the Senior High School
Owner—Sacramento School District.
Architect—Starks & Flanders, Bank of American Bldg., Sacramento.
Bids will be asked in 40 to 60 days.

Sub-Contracts Awarded
ASSEMBLY Contract Price, $33,605
OAKLAND, Alameda Co., Cal. Brann and Morton Streets.
One-story frame and stucco assembly Sherman School (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Oakland Board of Education.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland.
Roofing—Central Sheet Metal Co., 3426 Ettie St., Oakland.
Plumbing—Max Finzel, 2025 Hopkins St., Oakland.
Electric Wiring — Scott-Buttner, 2214 Webster St., Oakland.
Heating—Max Finzel, 2025 Hopkins St. Oakland.
Sheet Metal—Central Sheet Metal Works, 3426 Ettie St., Oakland.
Tile Work — Superior Tile Co., 3743 Broadway, Oakland.
Glass—W. P. Fuller & Co., 259 10th St., Oakland.
Iron Grille Work — Independent Iron Works, 821 Pine St., Oakland.
Lathing and Plastering—Sam Muriale, 354 Hobart St., Oakland.
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Wood Sash—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Flooring—Inlaid Floor Co., 600 Alabama St., San Francisco.
Window Shades—West Coast Window Shade Co., 467 19th St., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Construction will start immediately.

16—BANKS, STORES AND OFFICES

BIDS OPENED
SAN FRANCISCO. — Following bids received by Department of Public Works for acoustical treatment in accounts and statistics room, Controller's Office, City Hall, to conform to present installation in main office.
Western Asbestos Co., 675 Townsend St., $583.00.
Van Fleet Freear Co., 557 Howard St., $385.00. Add for treating north and east walls to chair rail height, including moulding for chair rail, $265.
D. E. Crowley Flooring Co. (cover plastered ceiling and steel deck ceiling with acoustic Celotex BB, $934.80 Cover plastered areas of wall and ceiling and also steel deck ceiling with ½-in. masonite tile or equal, $724.80.

Contract Awarded.
STORE Cost, $5000
SAN FRANCISCO. Twenty-fifth Ave. and Lawton Street.
One-story and basement frame and st ucco store building (25x90 feet) tar and gravel roof, wood sash, plate glass, tile front, metal sash, bars, electric wiring, plumbing.
Owner—Martin Stelling.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Contractor — J. Harold Johnson, 639 Brannan St., San Francisco.

Planned.
OFFICE BLDG. Cost, $——
SANTA CRUZ, Santa Cruz Co., Cal.
Site to be selected.
New medical building.
Owner—Drs. Alfred Phillips and S. B. Randall et al, Farmers and Merchants National Bank Building, Santa Cruz.
Architect—Not Selected.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 402 Geary St.
Alterations to restaurant.
Owner—Bunny's Waffle Shop.
Architect—Not Given.
Contractor — Unit Bilt Fixture Co., 2665 Jones St., San Francisco.

Plans Being Completed
BUILDING Cost, $5,000
HEALDSBURG, Sonoma Co., Calif. West Street N Mill Street.
Two-story reinforced concrete, frame and stucco chamber of commerce building (20x30 ft.) lobby and offices, rest rooms, etc.
Owner—Healdsburg Chamber of Commerce (Fred Cairns, Secretary), Healdsburg.
Architect—John I. Easterly, 302 Grant Street, Healdsburg.
Materials are now being purchased and construction will go forward in about ten days. Project approved by WPA.

Preparing Preliminary Working Drawings.
ALTERATIONS Cost, $——
SAN FRANCISCO. Stockton and Market Streets.
Alterations and additions to store building (440-ft. frontage) resurface exterior with glazed terra cotta, granite base, new display windows, fixtures, etc.
Owner—Roos Brothers, Premises.
Architect—Bliss & Fairweather, Balboa Bldg. and Albert R. Williams, Humboldt Bank Bldg.

March 6, 1936

Plans Approved.
ADMIN. BUILDING Cost, $16,000
STOCKTON, San Joaquin Co., Calif. Stockton Airport.
One-story adobe administration building.
Owner—City of Stockton.
Engineer—Lyle Payton, City Engineer Stockton.
Architect — Jos. Losekann, 1218 W. Harding St., Stockton.
Plans have been approved by the WPA.
Material bids will be asked by Mr. Payton shortly.

Contract Awarded.
ALTERATIONS Cost, $2369
SACRAMENTO, Sacramento Co., Cal. No. 1411J Street.
Alterations to cafeteria in building.
Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — C. J. Hopkinson, 1810, 28th St., Sacramento.

Contract Awarded
STORE Cost, $3,500
OAKLAND, Alameda Co., Calif. 10,-246-50 Hollywood Blvd.
One-story frame store building.
Owner—Sam Cusumano, 310 Warren Ave., San Leandro.
Architect—Not Given.
Contractor—M. Joaquin, 1 2 4 Harlow St., San Leandro.

To Ask Bids Within One Week.
BUILDING Cost, $15,000
SAN RAFAEL, Marin Co., Calif. 4th Street.
One - story reinforced concrete store and mfg. building (75x126-ft.)
Owner—Harry DeGregory, San Rafael
Architect—N. W. Sexton, deYoung Bldg., San Francisco.

To Be Done By Day's Work
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 3450-52 Mission.
Alterations to store and flat building.
Architect—Not Given.

Sub-Contracts Awarded
MEDICAL BLDG. Cost, $15,000
EUREKA, Humboldt Co., Cal. Seventh St. between F and G Streets.
One-story frame and stucco medical building (18 rooms).
Owner—Dr. O. R. Myers and Dr. H. B. Holmberg, Eureka.
Architect—Newton Ackerman, Eureka
Contractor—E. S. Mackins, 989 Tenth St., Eureka.
Heating—John Ryan, Eureka, $1,260.
Painting and Plaster—O. A. Olson, Eureka, $559.
Roofing—Harris Sheet M'tl W'ks, Eureka, $238.
Electric Wiring and Fixtures—Baker Crosby, Eureka, $517.

Planned
ALTERATIONS Cost, $40,000
MODESTO, Stanislaus Co., Cal. 1013 Tenth Street.
Alterations to building (new front, air conditioning, etc.)
Owner—Montgomery Ward Co., Chicago.
Plans by Engineering Dept. of Owner.

Low Bidder
STORE & STATION Cost, $6,300
RICHMOND, Contra Costa Co., Calif. Twenty-second and Macdonald.
One - story store building (concrete walls, frame and stucco interior) service station.
Owner—A. Kastelic (Civic Center Tire & Battery Co.) Richmond.
Architect—James Narbett, 466 31st St. Richmond.
Low Bidder—C. L. Theis, 1937 Garvin St., Richmond.

Preparing Preliminary Plans
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Calif. 64 Shattuck Square.
Alterations and additions to store.
Owner—Roos Bros., Inc.
Architect—Albert R. Williams, Humboldt Bank Bldg., San Francisco.

Preparing Preliminary Plans
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Calif. 2270 Telegraph Avenue.
Alterations and additions to store.
Owner—Roos Bros., Inc.
Architect—Albert R. Williams, Humboldt Bank Bldg., San Francisco.

Contract Awarded
LABORATORY BLDGS. Cost, $——
EMERYVILLE, Alameda Co., Calif.
One-story steel laboratory building & one-story hollow tile laboratory building.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner
Contractor — Austin Company, 516 18th St., Oakland.

Contract Awarded
ALTERATIONS Cost, $5,000
OAKLAND, Alameda Co., Calif. 5307 Telegraph Avenue.
Alterations to building.
Owner—Golden State Co., Ltd., 5307 Telegraph Ave., Oakland.
Plans by Engineering Dept. of Owner
Contractor—Mullen Manufacturing Co. 60 Rausch St., San Francisco.

Contract Awarded
STORE Cost, $6,800
SANTA CLARA, Santa Clara Co., Cal. Lincoln and Curtner Avenues.
One-story brick and steel store building (stucco finish).
Owner—F. J. Pace, Stone Ave., Santa Clara.
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 N 31st St., San Jose.

Contract Awarded
RESTAURANT Cost, $10,000
SANTA CLARA, Santa Clara Co., Cal. Franklin and Grant Streets.
One - story restaurant and tap room (brick and steel construction with stucco finish, tile roof, etc.)
Owner—Palmiro Giannini, Santa Clara
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 N 31st St., San Jose.

Planned
MARKET Cost, $——
EUREKA, Humboldt Co., Calif. Fifth and H Streets.
New market building.
Owner—Robert F. Gardner, Post Office Market, Eureka.
Architect—Not Given.
Further details will be announced shortly.

Planned
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal Tenth and Washington Streets.
Alterations to store building.
Owner—Cherin Bros., 1124 Market St., San Francisco.
Architect—Not Given.
Further details will be announced at a later date.

Sub-Contracts Awarded
STORE Cost, $12,000
RENO, Washoe Co., Nevada.
One-story brick store building.
Owner—Dollar Stores.
Architect—Bernard Joseph, 74 New Montgomery St., San Francisco.
Manager of Const.—Frank Eyre, 735 S Sutter St., Stockton.
Plumbing—W. E. Humes, Reno.
Electric Wiring—Howell Electric, Inc. Reno.
Heating—W. E. Humes, Reno.
Glass—Alpine Glass Co., Reno.
Brick Work—Smith & Peterson.
Lathing & Plastering—L. Flyer, Reno.
Mill Work—Union Planing Mill, Stockton.
Lumber—A. T. Evelith Lumber Co., Reno.
Structural Steel—Macauley Iron W'ks, Reno.
Hardware—E. Hundley, 662 Mission St., San Francisco.
Concrete—J. W. Newman, Sparks.
Marble—Ray Cook Marble Co., Oakland.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO. 2250 Polk Street.
Alterations to store.
Owner—Bothin Real Estate Co., 604 Mission Street.
Architect — Angus McSweeney, 604 Mission Street.
Contractor—A . F. Mattock, 212 Clara Street.

Sub-Contracts Awarded
ALTERATIONS Cost, $12,000
SACRAMENTO, Sacramento Co., Cal.
Glass—W. P. Fuller & Co. Ninth and K Streets.
Alterations for stock and bond offices in Forum Bldg. (board room, etc.)
Owner—William Cavalier & Company.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Contractor — Arthur Fisher, 800 36th St., Sacramento.
Electric Wiring—C. Predieme.
Lathing & Plastering—Thos. Scollan..
Painting—Willcoxon & Wilson.
Window Shades—Turner & Company.
Terra Cotta—H. P. Fischer Tile Co.
All of Sacramento.

Contract Awarded
ADDITION Cost, $——
STOCKTON, San Joaquin Co., Calif. 720 E Charter St.
Addition to building.
Owner—Nu-Way Cleaners, 720 East Charter St., Stockton.
Architect—Not Given.
Contractor—Frank P. Guyon, 1211 E. Main St., Stockton.

Contract Awarded
OFFICES Cost, $10,000
SAN FRANCISCO. E Jones Street 250 N Turk Street.
One-story Class C office building.
Owner—S. C. and S. G. Buckbee.
Architect—Bliss & Fairweather, Balboa Building.
Contractor—H. S. Meinberger, 956 Folsom Street.

Contract Awarded.
ALTERATIONS Cost, $3500
SACRAMENTO, Sacramento Co., Cal. No. 1114 J Street.
Alterations to store building.
Owner—Eastern Outfitting Co., Prem.
Architect—Not Given.
Contractor—W. E. Truesdale, 2116 H St., Sacramento. 16

Sub-Contracts Awarded.
MEDICAL BLDG. Cost, $15,000
EUREKA, Humboldt Co., Cal. Seventh St., bet. F and G Sts.
One-story frame and stucco medical building (18 rooms).
Owner—Dr. O. R. Myers and Dr. Harold B. Holmberg, Eureka.
Architect—Newton Ackerman, Eureka
Contractor — E. S. Mackins, 898 10th St., Eureka.
Plumbing—Moore & Cook Co.
Sheet Metal—Bert Harris.
Lathing and Plastering—M. E. Cookson.
Mill Work—Humboldt Cabinet Shop.
Painting—O. A. Olsen.
All of Eureka.

Contract Awarded
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 2447 Mission St.
Alterations to stores and flats.
Owner—A. Rauscher, 2449 Mission St.
Architect—Not Given.
Contractor—Oscar Presco & Sons, 250 Langton Street. 1

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 246 Post Street.
Alterations to store.
Owner—S. & G. Gump Co., premises.
Plans by Owners.
Contractor—Ful - Vue Fixture Co., 75 Oak Grove Ave.

Contract Awarded.
ALTERATIONS Cost, $2500
PALO ALTO, Santa Clara Co., Calif. No. 355 University Avenue.
Alterations to store building.
Owner—Masonic Temple Association, University and Florence Aves., Palo Alto.
Architect—Henry Collins, Deckeroak Bldg., Palo Alto.
Contractor — H. Z. Chenowith, 1023 Middlefield Road, Palo Alto.

Planned.
THEATRE Cost, $——
UKIAH, Mendocino Co., Calif.
New theatre building.
Owner—Withheld.
Architect—Norman Coulter, 46 Kearny St., San Francisco.

PREPARING PLANS
BEVERLY HILLS, Los Angeles Co., Cal.—Architect A. G. Siple, 450 North Beverly Drive, Beverly Hills, is preparing plans for a theater building to be built on the northwest corner of Lasky and Durant Drive, Beverly Hills, for Theater Arts, Inc., of California, 9403 Brighton Way. Cost of the structure is estimated at $80,000. Construction is scheduled to start Apr. 1st.

Contract Awarded.
PLACERVILLE, Eldorado Co., Calif.
Alterations for theatre.
Owner—N. S. Tronslin et al, Placerville.
Architect—Not Given.
Contractor—James P. Morton, 3 Cottage St., Placerville.

Plans Being Prepared.
THEATRE Cost, $70,000
SAN FRANCISCO. Chestnut Street near Scott Street.
One-story steel and concrete theatre (to seat 900); modern style.
Owner—Sbarboro & Detjen.
Architect—John Ahnden, 822 39th Ave., San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Sub-Contracts Awarded
THEATRE Cost, $100,000
SANTA CRUZ, Santa Cruz Co., Cal. E Pacific Avenue 200 S Sequel.
Two-story Class C reinforced concrete theatre (71x160 ft.) 1500 seats.
Owner — Pacific Amusement Co., 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Salih Bros., 25 Taylor St., San Francisco.
Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.
Gravel—Central Supply Company, Santa Cruz.
Other awards will be made shortly.

Low Bidder
ALTERATIONS Cost, $——
NAPA, Napa Co., Calif. Main Street between First and Pearl Streets.
Alterations to old opera house for theatre.
Owner—Napa Theatre Corp., 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—Lindgren and Swinerton, Inc., 225 Bush St., San Francisco.
Bids held under advisement.

Contract Awarded
ALTERATIONS Cost, $4,000
OAKLAND, Alameda Co., Calif. SW Fourth and Jackson Streets.
Alterations to building.
Owner—Safeway Stores, Inc., Fourth and Jackson Sts., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—J. M. Bartlett, 1706 Parker St., Berkeley.

17— THEATRES

Contract Awarded.
ALTERATIONS Cost, $40,000
NAPA, Napa Co., Calif. Main Street between First and Peary Streets.
Alterations to old opera house for theatre.
Owner—Napa Theatre Corp., 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.

18— WHARVES & DOCKS

CONTRACT AWARDED
LOS ANGELES, Cal.—Merritt-Chapman & Scott Corp., 720 Wilmington-San Pedro Road, San Pedro, at $153,584 awarded a contract by the Los Angeles harbor department (subject to PWA approval) for constructing a cargo (fruit) terminal at Berth 147, Los Angeles Harbor, under Spec. No. 954; PWA project No. 1206. The work involves constructnig a creosoted timber wharf approximately 630 feet in length by 33 ft. in width, and covered conveyor platforms served by rail trackage.

19—MISC. CONSTRUCTION

Contract Awarded.
POOL Cost, $——
ANTIOCH, Contra Costa Co., Calif. D Street.
Reinforced concrete swimming pool (77x35 feet) pressure filter, etc.
Owner—Harold Scism et al, 1503 D St., Antioch.
Architect—James Narbett, 462 81st St. Richmond.
Contractor—Ferd. Stamm, 501 B St., Antioch.

Bids Wanted—To Close March 18, 2:00 P. M.
ALTERATIONS Cost, $60,000
LOS ANGELES, Los Angeles Co., Cal. NE Sixth and Los Angeles Streets.
Alterations and additions to bus depot (work involves complete rebuilding of exterior and interior of present building, including wrecking, concrete work, structural steel, cement gun work, tile work, sheet metal, roofing, painting, plumbing, heating, ventilating equipment and electrical work.
Owner—Pacific Grayhound Lines.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.
Bids will be opened in the office of the owner in Los Angeles.
A. V. Perkinson, 3975 So. Vermont Ave., Los Angeles, is among the contractors figuring the plans.

BIDS WANTED
SAN FRANCISCO.—Until March 18, 1:45 P. M., informal bids will be received by Department of Public W'ks for moving two bungalows from the Lawton School, 30th Ave. and Lawton St., to the Francis Scott Key School, 42nd Ave. between Lawton and Kirkham Streets.
Further particulars may be obtained from R. A. Chisholm, 484 11th St.

FOR SALE
OAKLAND, Cal. — City of Oakland will sell at public auction March 9, 2 P. M., to the highets bidder, building known as No. 6447 Broadway Terrace, Oakland.
Specifications may be obtained from W. W. Chappell, City Clerk, City Hall, Oakland.

PLANNED
UPLAND, San Bernardino Co., Calif.—Architect Sumner Spaulding, 9441 Wilshire Blvd., Beverly Hills, has been commissioned to prepare plans for a 47-acre park development in Upland for the city of Upland. The work will include a recreation building containing an auditorium seating 500 people, swimming pool, out-door theater, park house and landscaping. Ralph Cornell is the landscape artist. Cost $150,000.

March 11, 1936

BIDS WANTED
SAN FRANCISCO.—Until April 10, 3 P. M., bids will be received by the U. S. Engineer Office, 414 Custom House, under Proposal No. 868-36-22, for constructing and delivering afloat at San Francisco, one steel, twin screw, twin-rudder hopper dredge with direct Diesel propulsion engine, hydraulic couplings and reduction gears, having 400-hp. on each shaft. The dredge will be 180 ft. overall in length with a 38-ft. beam and 14-ft. depth, with a hopper capacity of 300- and 500-c.y.
Pumping equipment will consist of a 340-h.p. motor-driven pump, power

being supplied by a 275-kwa. Diesel driven d.c. generator. Auxiliaries will be electrically driven, power for these being furnished by two 75-k.w. d.c. diesel driven generating sets.

The dredge is to operate mainly in bar harbors along the Pacific Coast and will carry a crew of 37 men.

Plans and specifications obtainable from the above office upon deposit of $100.00. * 19

Plans Being Prepared.

ADDITION Cost, $——
DIXON, Solano Co., Calif.
Addition to abbatoir (steel frame, reinforced concrete, steel sash, tar and gravel roof, etc.)
Owner—C. Bruce Mace, Dixon.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.

Bids will be taken by the owner in Dixon starting March 10 and will be opened March 23, 5 P. M.

Contracts Awarded

ADDITION Cost, $80,000
SEATTLE, Wash. Acacia Memorial Park, 15,000 Victory Way.
Addition to mausoleum.
Owner—Acacia Memorial Park Assn., (F. H. Burnaby, President).
Architect—Carl Siebrand, 5 0 1 6 21st Ave. N. E., Seattle.
Contractor—Daily Const. Co., Lloyd Bldg., Seattle.
Ceiling Lights and Windows—Fred L. Cummings, White Bldg., Seattle.
Skylights and Roofing — Occidental Sheet Metal Works, 2310 Ranier Ave., Seattle.
Cast Stone—Pacific Stone Co., 4257 Eighth Ave. N.E., Seattle.

As previously reported, marble contract awarded to Robinson Tile and Marble Co., Seattle.

Plans Being Completed

RADIO STATION Cost, $25,000
SAN MATEO CO., Cal. Skyline Blvd. near San Mateo-Half Moon Bay Road.
One - story and basement concrete or hollow tile radio receiving station
Owner—Globe Wireless Company, 311 California Street, San Francisco (Jack Kaufman, general manager)
Architect—Miss Julia Morgan, Merchants Exchange Bldg., San Francisco.

Bids will be asked in about 1 week.

Contract Awarded.

ALTERATIONS Cost, $——
YUBA CITY, Sutter Co., Calif.
Alterations to hotel (decorating, etc.)
Owner—Hotel Sutter (Thos. Gaffney, Prop.), Yuba City.
Architect—Not Given.
Contractor—Chell & Triplett, 1202 H St., Marysville.

Plans Being Figured—Bids Close Mar. 27, 12 Noon

ADDITION Cost, $——
DIXON, Solano Co., Calif.
Addition to abbatoir (steel frame, reinforced concrete, steel sash, tar and gravel roof, etc.)
Owner—C. Bruce Mace, Dixon.
Engineer—W. E. Murray, 908 Hayes Street, San Francisco.

Bids will be opened by the owner at Dixon. *

BID OPENING DATE POSTPONED

ALCATRAZ, Calif.—Until March 17, 2 P. M. (date postponed from March 10) bids will be received by the Warden, U. S. Penitentiary, Alcatraz, for furnishing and installing short wave radio equipment for Alcatraz. Work includes 125 - watt radio telephone transmitter; rotary converter and associated equipment; radio frequency transmission line; 10 - watt mobile transformer; high frequency fixed tune mobile receiver; high frequency station receiver to operate on 110-v.a.c. at Berkeley; and antenna propen, antenna coupling net work with lightning arrestor.

Plans and specifications may be obtained from above office. *

BIDS WANTED

CONTRA COSTA & ALAMEDA COUNTIES, Calif.—Until March 20, 2 p.m. bids will be received by State Division of Highways, John H. Skeggs, District Engineer, Room 800, 500 Sansome Street, San Francisco, for sale of various buildings located in El Cerrito and in Oakland.

Following are the structures to be sold:

C.C. 69-A No. 168: 6002 Potrero Avenue, El Cerrito. Four (4) room frame dwelling with 860 square feet floor space. Garage 240 square feet. Available June 1, 1936.

"A" 249: 1394-96 15th Street, and 1500-1502 Cypress Street, Oakland. Two (2) story frame flats and penthouse and store, containing 7800 square feet floor space, and two (2) story bakery and storage loft containing 4400 square feet. Two brick baking ovens and fixtures complete. Available June 15, 1936.

"A" 250: 1432-1434 Cypress Street, Oakland. Two (2) story five (5) room frame dwelling and store house with 2400 square feet floor space. Available May 1, 1936.

"A" 272: 942-944 Cypress Street, Oakland. Two (2) story nine (9) room frame dwelling with 2000 square feet floor space. Available April 1, 1936.

Moss 98: 236-238 Moss Avenue, Oakland. Combined two (2) story five (5) room frame structure of 2300 square feet floor space with stucco store of 220 square feet. Available April 2, 1936.

Moss 101: 3752-4-6 Piedmont Avenue, Oakland. Three (3) story flat and store building with 3600 square feet floor space. Ten (10) rooms. Available April 15, 1936.

Moss 102: 3751 Leighton Street, Oakland. Two (2) story frame dwelling: six (6) rooms with 1620 square feet floor space. Garage 260 square feet. Available May 1, 1936.

Moss 113A: 166-168 Moss Avenue, Oakland. Two (2) story frame flats, nine (9) rooms, with 2225 square feet floor space and basement. Available June 1, 1936.

Moss 113B: 529 El Dorado Avenue (Rear of 166 Moss Avenue) One (1) story, three (3) room frame dwelling with 635 square feet floor space and garages under. Available April 1, 1936.

Moss 115: 160 Moss Avenue, Oakland. Two (2) story and basement frame dwelling of twelve (12) rooms with 3050 square feet floor space. Garage 180 square feet. Available May 1, 1936.

Moss 120: 145 Moss Avenue, Oakland. Five (5) rooms and garage, frame stucco dwelling with 1200 square feet floor space. Available two days after bid accepted.

Moss 118: 535 Fairmount Avenue, Oakland. Six (6) room frame stucco dwelling with 1250 square feet floor space. Garage 180 square feet. Available June 1, 1936.

Moss 122: 137 Moss Avenue, Oakland. Two (2) story and basement frame dwelling of eight (8) rooms with 2250 square feet floor space. Garage 150 square feet. Available June 1, 1936.

Moss 133: 3501 Harrison Street, Oakland. One (1) story and basement frame dwelling of seven (7) rooms with 1240 square feet floor space. Available two days after acceptance of bid.

Moss 153: 161-161½ Santa Clara Avenue, Oakland. Two (2) story frame flats of eight (8) rooms with 1900 square feet floor space. Garage 450 square feet. Available June 1, 1936.

Bidders may make offers for one or more complete items, as is, and where is, but must state the price offered for each, using the above items and street numbers to identify each particular bid.

No lump sum bids will be considered. The Department of Public Works, Division of Highways, reserves the right to reject any or all bids. Bidders must tender a certified check or cashiers check made out to "Division of Highways, State of California" for the full amount of their bid at the time offer is submitted. Checks accompanying offers not accepted will be promptly returned.

Successful bidders must take delivery of and remove the buildings secured with fifteen (15) days after being notified that their bids have been accepted; but should the available dates shown in the items be later than such notification, then the buildings secured must be removed within fifteen days (15) after such available date. All responsibility of the Department for any materials or buildings or parts of buildings, ceases with its release to a bidder.

All sales must be approved by the Department of Finance, which usually requires from one to two weeks.

Bids Opened.

LIVESTOCK BLDG. Cost, $640,000
SAN MATEO COUNTY, Cal. Visitacion Valley, South McClaren Park 54-acre tract).
One-story reinforced conc. and steel livestock building (steel trusses; horse show arena, 300x400 feet; clear truss span over entire area. stadium to seat 10,000, flanker on each side by horse stall units (300 stalls) stadium portion height will be 100 ft. with 300 ft. span, shower rooms for horses, dormitory units for grooms, etc.)
Owner—Agricultural District 1-A.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

Low bids follow:

General Work—P. F. Reilly, Phelan Bldg., San Francisco, $448,000
Electric—Chas. A. Langlais, 472 Tehama St., San Francisco, $27,371.
Mechanical—Alta Electric & Mechanical Co., 467 O'Farrell St., San Francisco, $20,690.
Structural Steel Fabrication and Painting — Bethlehem Steel Co., 20th and Illinois Sts., San Francisco, $91,293.
Erection of Steel and Painting—Bethlehem Steel Co., 20th and Illinois Sts., S. F., $36,564.
Stadium Chairs — Heywood Wakefield Co., 180 New Montgomery St., San Francisco, $24,660.

Complete bids follow:

(1) Work complete for unit No. 2.
(2) do plus unit 3-N, bounded by columns 13, 610, 607 and 667.
(3) do plus portions of unit 3-N, bounded by columns 13, 610, 607, 681, 673 and 663.
(4) Units 3 and 3-N.
(5) Units 2, 3-N and 3-S.
(6) Add for grooms' dormitories.

P. F. Reilly, S. F.	(1)	$448,000.00
	(2)	467,000.00
	(3)	488,900.00
	(4)	499,400.00
	(5)	539,200.00
	(6)	4,040.00
MacDonald & Kahn, S. F.	(1)	466,350.00
	(2)	484,466.00
	(3)	505,878.00
	(4)	516,795.00
	(5)	551,812.00
	(6)	5,500.00
Clinton Constr. Co., S. F.	(1)	468,000.00
	(2)	485,000.00
	(3)	508,000.00
	(4)	518,000.00
	(5)	557,000.00
	(6)	5,000.00
Robt. E. McKee, Los Angeles	(1)	468,000.00

	(2)	487,300.00
	(3)	511,300.00
	(4)	522,600.00
	(5)	563,600.00
	(6)	4,900.00
Electrical Work		
Chas. A. Langlais, S. F.	(1)	27,371.00
	(2)	28,300.00
	(3)	28,966.00
	(4)	29,237.00
	(5)	31,482.00
	(6)	305.00
Alta Electric & Mech. Co. San Francisco	(1)	28,869.00
	(2)	29,556.00
	(3)	32,241.00
	(4)	30,375.00
	(5)	32,491.00
	(6)	141.00
Abbett Elec. Co., S. F.	(1)	29,624.00
	(2)	30,902.00
	(3)	31,515.00
	(4)	31,865.00
	(5)	34,006.00
	(6)	162.00
Enterprise Electric Works San Francisco	(1)	29,680.00
	(2)	30,450.00
	(3)	31,134.00
	(4)	31,375.00
	(5)	34,600.00
	(6)	190.00
H. S. Tittle Co., S F.	(1)	30,636.00
	(2)	31,397.00
	(3)	32,308.00
	(4)	32,608.00
	(5)	34,686.00
	(6)	314.00
Mechanical Work		
Alta Elec. & Mech. Co. San Francisco	(1)	20,690.00
	(2)	22,390.00
	(3)	24,700.00
	(4)	24,940.00
	(5)	29,400.00
	(6)	550.00
Jas. H. Pinkerton, S. F.	(1)	21,616.00
	(2)	23,434.00
	(3)	25,719.00
	(4)	26,000.00
	(5)	29,500.00
	(6)	490.00
Anderson & Rowe, S. F.	(1)	22,830.00
	(2)	25,000.00
	(3)	27,000.00
	(4)	27,200.00
	(5)	31,900.00
	(6)	1,050.00
Scott Co. S. F.	(1)	24,473.00
	(2)	26,447.00
	(3)	28,507.00
	(4)	28,747.00
	(5)	32,747.00
	(6)	525.00
F. W. Snook, S. F.	(1)	23,200.00
	(2)	25,400.00
	(3)	28,500.00
	(4)	28,800.00
	(5)	34,000.00
	(6)	578.00
James A. Nelson, S. F.	(1)	24,948.00
	(2)	26,516.00
	(3)	28,912.00
	(4)	29,042.00
	(5)	33,136.00
	(6)	675.00
Herman Lawson Co. S. F.	(1)	25,790.00
	(2)	28,400.00
	(3)	31,098.00
	(4)	31,400.00
	(5)	33,990.00
	(6)	510.00
Structural Steel Fabrication and Painting		
Bethlehem Steel Co., San Francisco	(1)	91,293.00
	(2)	94,330.00
	(3)	99,083.00
	(4)	101,469.00
	(5)	111,234.00
Wisconsin Bridge & Iron Company	(1)	98,563.00
	(2)	102,974.00
	(3)	108,000.00
	(4)	110,300.00
	(5)	121,500.00
Minneapolis Moline Power & Implement Co., San Francisco	(1)	101,795.00
	(2)	106,221.00
	(3)	111,672.00
	(4)	114,150.00
	(5)	125,900.00
Judson Pacific Co., S. F.	(1)	103,369.00
	(2)	106,243.00
	(3)	112,327.00
	(4)	114,286.00
	(5)	126,362.00
Erection Of Steel & Painting		
Bethlehem Steel Co., San Francisco	(1)	36,564.00
	(2)	37,846.00
	(3)	39,535.00
	(4)	40,028.00
	(5)	43,142.00
Stadium Chairs		
Heywood Wakefield Co., San Francisco		24,660.00
(unit per 1000		2,740.00
American Seating Co., S. F.		27,000
(unit per seat		3.00

Bids held under advisement.

(5772) 1st report Dec. 24, 1934; 12th Feb. 12, 1936 . * 19

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

LOS ANGELES, Cal.—J. H. Baxter & Co., 625 Edison Bldg., awarded contract at $10,203.60 by the Los Angeles Water and Power Commission, 207 S. Broadway, for furnishing miscellaneous pressure creosoted poles under Spec. No. 1886. *

March 10, 1936

BIDS OPENED

SAN FRANCISCO—M. G. West Co., 117 Front St., at $1,150.50 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, for furnishing filing cabinets for the Municipal Court Office.

Complete bids follow:
M. G. West Co., $1,150.50.
A. Carlisle & Co., $1,159.77.
Schwabacher-Frey Co., $1,194.
Munthe Equipment Co., $1,296.
Rucker-Fuller Co., $1,306.
Steel Furniture Mfg. Co., $1,321.
Neal, Stratford & Kerr, $1,367.84.
H. S. Crocker Co., $1,450.
General Fireproofing Co., $1,450.
Remington Rand, Inc., $1,569.98.
Stevenson & Son, $1,662.

BIDS OPENED

SAN FRANCISCO—United States Pipe & Foundry Co., Monadnock Bldg., at $0.4357 per l.f., including tax and transportation, submitted low bid to T. A. Brooks, Purchasing Agent, City Hall, under Bid No. 1518, for furnishing 5,000 ft. 4" mast iron water pipe for the Water Department.

Complete bids follow:
U. S. Pipe & Foundry Co., $0.4357.
Central Foundry Co., $0.437.
American Cast Iron Pipe Co., $0.451.
Pacific States Cast Iron Pipe Co., $0.4568.
Grinnell Co. of the Pacific, $0.45897.

CONTRACT AWARDED

LOS ANGELES, Cal.—Reilly Tar & Chemical Co. awarded contract by the Metropolitan Water District, S. A. Joseph, purchasing agent, at $10,687.-08, for furnishing coal tar enamel, primer and thinner fob Los Angeles. Schedule 2 Bid No. 54669 Spec. M-2041. The bids were opened Feb. 29.

BIDS OPENED

SACRAMENTO, Cal.—The following bids received by the U. S. Engineer Office, Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 36-178, for furnishing two dredge spuds as follows:

(A) Delivered fob railroad cars at mill or shipping point of bidder;

(B) In water ready for towing at Sacramento, San Francisco, or other local delivery point readily accessible to Government tow boats operating from Rio Vista;

(C) In water at the U. S. Engineer wharf at Rio Vista.

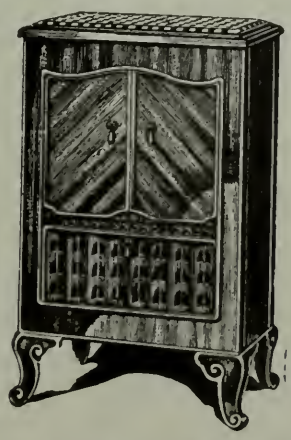
Loop Lumber Co., San Francisco: Proposal (B) $289.00 each; total, $578.

Chas. R. McCormick Lbr. Co., San Francisco: Proposal A, delivery at Portland, Ore., $260 each; total $520; net.

Endresen Spar & Timber Co., Aberdeen, Wash.: Proposal A, fob Aberdeen: $225 each; total, $450; 1% 20 days.

James G. Newbegin, Tacoma: Proposal A, f.a.s. Seattle or Tacoma: $360 each; total, $720; f.a.s. San Francisco, $435 each; total, $870; 2% 10 days; 1½ per cent, 20 days; 1% 30 days.

Bids held under advisement.



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ENGINEERING NEWS

NEWS INDEX

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21— BRIDGES

BIDS WANTED

COCHISE COUNTY, Arizona.—Until March 19, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction on the Douglas-Safford Highway, W P G S 114-D; AFE 8110.

The work, which is located about 1½ miles north of the town of Cochise, consists of the construction of a reinforced concrete overpass and approaches, and is to be completed on or before Oct. 15, 1936.

The principal items and approximate quantities are:

1,300 c.y. rdwy. excav.;
6,200 c.y. drainage excav.;
290 c.y. structural excav.;
54,000 c.y. imported borrow;
4,000 c.y. select material;
370 c.y. concrete;
53,700 lbs. reinf. steel;
76,400 lbs. structural steel;
432 l.f. corrugated metal pipe;
2,600 l.f. road guard;
250 hours rolling;
1,000 M. gals. sprinkling.

Funds in the amount of $60,000 have been programmed for the construction of this project. Certified or cashier's check for 5% must accompany bids. T. S. O'Connell, State Highway Engineer.

CONTRACT AWARDED

OKANOGAN CO., Wash.—Henry Hagman, Cashmere, at $38,103 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for the construction of a reinforced concrete bridge, 337 ft. long, on city street and county road, Okanogan River Bridge at Okanogan.

TO BE DONE BY DAY LABOR

DOUGLAS COUNTY, Nevada—The Nevada State Highway Directors have authorized State Highway Engineer Robt. A. Allen to proceed with construction by day labor of a bridge on the State Highway system in Douglas County ,approximately one mile south of Gardnerville, a length of approximately 0.02 mile.

All bids received for the work February 29 were rejected as excessive. Low bid was submitted by the Isbell Constr. Co., Reno, at $28,373.

The work will involve:

(1) Lump sum, remove bridge;
(2) 3300 c.y. roadway excavation;
(3) 480 c.y. structural excavation;
(4) 100 tons crushed gravel or stone surfacing;
(5) 185 c.y. Class A concrete;
(6) 177 c.y. Class D concrete;
(7) 57,000 lbs. reinforcing steel;
(8) 3,700 lbs. structural steel;
(9) 200 c.y. hand-laid riprap.

BIDS WANTED

LOS ANGELES, Cal.—Until April 8, 10 A. M., bids will be received by the Los Angeles board of public works for the construction of a grade separation structure and appurtenant work in Macy St. between Lyon St. and 100 ft. west of Date St.

The work involves:

(1) 9980 c.y. Class F concrete, exclusive of Class F concrete included in sewers, storm drains and street work;
(2) 94 c.y. Class C concrete;
(3) 100 c.y. Class G concrete;
(4) Lump sum, reinforcing steel exclusive of that included in hinge assemblies, sewers, storm drains and street work (2,625,127 lbs.);
(5) Lump sum, hinge assemblies inclusive of the reinf. steel which is welded to the hinges (199,000 lbs.);
(6) Lump sum, ornamental concrete exclusive only of those members to be constructed of Class H concrete;
(7) Lump sum, electric conduit system as per Plan P-6607;
(8) Lump sum, lighting sys., complete;
(9) 776 sq. yds. white glazed tile;
(10) Lump sum, grading (18,200 c.y.);
(11) Lump sum, sewers;
(12) Lump sum, storm sewers;
(13) 49,831 sq. ft. asphaltic concrete pavement, consisting of a 6-in. asphaltic concrete base and 2-inch asph. concrete wearing surface;
(14) 2053 sq. ft. 8-in. concrete pave.;
(15) 766 sq. ft. asph. concrete wearing surface, variable thickness (average thickness, 1½-in.);
(16) 6915 sq. ft. 4-in. rock and oil roadway;
(17) 1376 sq. ft. rock and oil roadway, variable thickness (average thickness, 1-in.);
(18) 3075 l.f. unplastered heavy curb;
(19) 103 l.f. special monolithic curb and gutter;
(20) 103 l.f. curb armor;
(21) 2610 l.f. curb bar;
(22) 25,000 sq. ft. 1-course sidewalk;
(23) 2742 sq. ft. 8-in. comb. gutter;
(24) 20 sq. ft. 8-in. concrete gutter;
(25) 173 sq. ft. 6-in. concrete gutter;
(26) 366 sq. ft. C resurfacing;
(27) Lump sum, resetting 4 manholes.

Union Passenger Terminal Station PWA Project 4361.

This will be the first major unit of the city's program at the Union Terminal site. The subway will be 505 ft. in length, with a 56-ft. roadway and 6-ft. sidewalk on each side. Estimated cost, $368,000. Plans have been approved by the Municipal Art Commission.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTEMPLATED

ROSEVILLE, Placer Co., Cal.—The County Board of Supervisors plans the erection of a new steel bridge 24-ft. wide and 70-ft. long, with 4-ft. sidewalk over Dry Creek on Douglas St. Estimated cost, $6,000.

W. E. Emmett, Sharon Bldg., San Francisco, engineer.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

SACRAMENTO, Cal.—Until March 26, 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Proposal No. 1105-36-135, for setting back, raising, and strengthening the existing levee and constructing new levee along the easterly side of the Feather River in Reclamation District No. 784, from a point about 1.7 miles below Eliza Bend Pump to the upper end of Starr Bend, a distance of approximately 4 miles. The upper or northerly end of the work is about 6 miles southerly from Marysville. The total volume of earth to be placed in levee embankment is approximately 983,000 c.y.

Bids will be taken as follows:

(1) 983,000 c.y. levee embankment in place;
(2) 150 l.f. corru. iron pipe, 12-inch dia., No. 16 ga., with necessary No.16 ga. band couplers, all in place;
(3) 110 l.f. corru. iron pipe, 24-in. dia., No. 14 ga., with necessary No. 16 ga. do;
(4) 110 l.f. corru. iron pipe, 30-inch dia., No. 12 ga., with necessary No. 14 ga. do;
(5) 110 l.f. 18-in. steel soil-proofed pipe of No. 10 ga. with 18-in. gate valve, all in place;
(6) 150 l.f. 2-in. galv. pipe to be removed and re-installed;
(7) 110 l.f. 16-in. concrete pipe to be removed;
(8) 1 only 12-in. slide gate, with 18 ft. gate frame, in place;
(9) 1 only 24-in. slide gate, with 17-ft. gate frame, in place;
(10) 1 only 30-in. slide gate, with 16-ft. gate frame, in place;
(11) 4,000 lbs. struct. steel for walkways, in place;
(12) 2 each, 36x36-in., No. 16 gauge corru. iron cut-off walls for 12-in. pipe, in place;
(13) 2 each, 49½x50-in. No. 14 ga. corru. iron cut-off walls for 24-in. pipe, in place;
(14) 2 each 49½x50-in., No. 12 ga. do for 30-in. pipe, in place.

Plans and specifications obtainable from above office.

CONTRACT AWARDED

OAKLAND, Cal.—American Dredging Co., 255 California St., San Francisco, at $0.35 per c.y. on items (A) and (B) awarded contract by Oakland Port Commission for clamshell dredging at the Livington and Dennison Street Piers, Oakland, involving the removal of approximately 40,000 c.y. of material.

Bids were taken as follows:

from area adjacent to Livington Pier

(A) Per s.y. for material dredged and Dennison Wharf.

(B) Per c.y. for material dredged from Outer Harbor terminal basin.

23—IRRIGATION PROJ.

CONTEMPLATED

SAN JOSE, Santa Clara Co., Cal.—T. A. Hopkins, 5693 Keith Ave., Oakland, consulting engineer, has filed a report with the San Jose City Council showing estimated costs of four alternative plans for acquiring a municipal water system as follows:

(1) Purchase of existing San Jose Waterworks system, including Los Gatos and Saratoga services at reproduction cost less depreciation and allowing $870,000 cost of necessary improvements, $5,600,000;

(2) Constructing new distributing system for city of San Jose only and using 10,000 acre-ft. supply from Coyote reservoir of Santa Clara Valley Water Conservation District, $5,200,000;

(3) Constructing new distributing system and using well supply, $4,750,000;

(4) Constructing new distributing system and purchasing surplus Hetch Hetchy supply, $5,000,000.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO.—C. A. Baker, North Sacramento, at $4 per hour submitted low bid to Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for the rental of one only 50-60-hp. tractor, equipped with bulldozer, for approximately 250 hours.

Complete bids follow:

C. A. Baker, North Sacramento	$4.00
W. E. Karstedt, San Jose	5.37
H. F. Harlan, S. F.	5.73
Granfield, Farrar & Carlin, S. F.	6.00
Arris-Knapp Co., Oakland	6.125
Earl W. Heple, San Jose	6.25
Bay Equip Co., S. F.	6.50
Chas. L. Harney, S. F.	7.25

BIDS OPENED

SANTA CRUZ COUNTY, Cal.—W. E. Karstedt, 668 Morse St., San Jose, and Chas. L. Harney, 443 Call Bldg., San Francisco, at $3.73 per hour submitted identical low bids to the Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for the rental of two only pneumatic-tired dump trucks, body capacity not less than 7 c.y., chassis weight not less than 8,000 lbs.; for approximately 1,000 hours, to be used in Santa Cruz County.

The other bids were:

J. P. Holland, Inc., S. F.	$4.20
E. A. Triplett, San Jose	4.21
Margaret L. Savage, S. F.	4.21

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Following bids received by the Division of Highways, J. W. Vickrey, District Engineer, Eureka, March 6, for the rental of three 3-yd. dump trucks for work under small shovels, hauling slide material or gravel, etc., for approximately 500 hours each:

C. & L. Trucking Co., 139 Cora St., San Francisco	$2.09
R. M. Taylor, Cottonwood	2.33
Smith & Halbasch, Sacramento	2.33
G. R. Starkenburg, San Berdoo	2.33
Daniel Gallagher, S. F.	2.33
Ashurst Bros., Hopland	2.49
W. E. Sinclair, Miranda	2.50
Wm. Kern, Weott	2.59
M. E. Bekstrom, Eureka	2.59
A. E. Garcia, Jr., Irvington	2.75
C. Mankel, Sacramento	2.93
San Bruno Ave. Feed & Fuel Co., San Francisco	3.00
W. K. Walker, S. F.	3.00
Dewars Express, Eureka	3.00

BIDS OPENED

NAPA and Sonoma Cos., Cal.—A. E. Garcia, Jr., Box 65, Irvington, at $3.75 per hour submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one pneumatic tired tractor grader, equipped with not less than 10-ft. blade, and factory installed scarifier operating in front of blade and controlled from the driver's compartment, for approximately 400 hours, to be used in Napa and Sonoma Counties.

Complete bids follow:

A. E. Garcia, Jr., Irvington	$3.75
E. A. Forde, San Anselmo	4.00
Basalt Rock Co., Inc., Napa	4.00
Spears Wells Mchy. Co., Oakland	4.10
C. Mankel, Sacramento	4.17
Granite Const. Co., Watsonville	4.50
Western Mchy. Co., S. F.	4.80
Chas. L. Harney, S. F.	5.45
R. A. Farish, S. F.	5.75

Bids held under advisement.

BIDS OPENED.

SANTA CRUZ COUNTY, Calif.—W. E. Karstedt, San Jose, at $6.25 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one only power shovel, one-c.y. capacity, with suitable trailer for moving between various hours, to be used in Santa Cruz County.

Complete bids follow:

W. E. Karstedt, San Jose, $6.25.
Granfield-Farrar & Carlin, S. F., $6.50.
C. A. Baker, Sacramento, $7.90.
E. W. Heple, San Jose, $8.00.
C. Mankel, Sacramento, $9.00.
Arris-Knapp Co., Oakland, $12.50.

CONTRACT AWARDED

ELKO, Nevada—Mueller Co., 2801 East 12th St., Los Angeles, at $1,242 f.o.b. Chattanooga, Tenn., and at $1,542 f.o.b. Elko, awarded contract by the U. S. Indian Irrigation Service for furnishing two 48" circular cast iron sluice gates, complete with frames, stems, stem guides and hoist. Adv. No. 0217.

CONTRACT AWARDED

LOS ANGELES—Buehler Tank & Welding Works, 5,000 Pacific Blvd., Los Angeles, at $215 each, total $10,535, no discount, awarded contract by the Metropolitan Water District under Spec. No. 1417, for furnishing 49 steel batch car bodies for use in concrete work.

BIDS OPENED

SANTA CRUZ COUNTY, Calif.—Following bids received by the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of two only pneumatic tired dump trucks, chassis weight not less than 6,000 lbs., body capacity not less than 4 c.y., for approximately 1,000 hours, to be used in Santa Cruz County:

Hand loading

D. A. Lewis, S. F., $2.81 per hour.

Identical bids at $2.87 per hour submitted by: San Bruno Ave. Feed & Fuel, S. F.; L. N. Giorgi, S. F.; C. & L. Trucking Co., S. F.; A. Morton, Menlo Park; Joseph Morgan, S. F.; J. P. Barrett, S. F.; F. A. Culbertson, S. F.; W. K. Walker, S. F.; Daniel Gallagher, S. F.; Frank O'Shea, S. F.; Chas. L. Harney, S. F.; Allan R. Morrison, S. F.; Rock & Gravel Trucking Co., Oakland.

Pacific Truck Service, San Jose, $2.96.

Identical bids at $3.21 per hour submitted by: Eugene Della Rosa, Martinez; C. Mankel, Sacramento; Ashurst Bros., Hopland; T. O. O'Brien, San Francisco.

Identical bids at $3.25 per hour submitted by: H. Simon, S. F.; and C. A. Baker, Sacramento.

Power Loading

Identical bids at $3.21 per hour submitted by: San Bruno Ave. Feed & Fuel, S. F.; L. N. Giorgi, S. F.; W. K. Walker, S. F.; Daniel Gallagher, S. F.; Frank O'Shea, S. F.; and Rock & Gravel Trucking Co., Oakland.

Bids held under advisement.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

UMATILLA COUNTY, Ore.—H. C. Rogers, Yakima, at $51,872 awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, for 6.34 miles regrading and surfacing and 7.34 miles oil mat surface treatment on the Cold Springs Bridge - Holdman Section of Pendleton-Cold Springs Highway; also furnishing 800 c.y. crushed rock in stockpile.

The bids were opened February 6 and referred to engineer for award.

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until April 2, 2 P. M., bids will be received by the State Highway Engineer, State Building, Los Angeles, for about 11.7 miles grading and applying road-mix surface treatment in Riverside County between Box Springs and 3 miles east of Moreno.

The work involves:

(1) 8,380 M. gals. water;
(2) 239,400 c.y. rdwy. excav., unclass.
(3) 13,014,000 sta. yds. overhaul;
(4) 7,400 c.y. struc. excav.;
(5) 624 sta. finishing rdwy.;
(6) 2,050 tons liquid asphalt SC-2;
(7) 200,000 sq. yds. preparing, mixing, and shaping roadbed;
(8) 210 tons liquid asphalt 90-95 (seal coat);
(9) 2,500 tons screenings (seal coat)
(10) 46,700 lbs. bar. reinf. steel;
(11) 515 c.y. Class A Portland cement concrete (struc.);
(12) 48 l.f. 8-in. CMP;
(13) 2,158 l.f. 24-in. CMP;
(14) 1,774 l.f. 36-in. CMP;
(15) 284 l.f. 48-in. CMP;
(16) 160 l.f. 75-in. multi-plate CMP (410-18);
(17) 1 each spillway assembly;
(18) 170 each guide posts;
(19) 155 each culvert markers;
(20) 4.3 miles new property fence;
(21) 20 each drive gates;
(22) 186 each monuments;
(23) 50 c.y. removing concrete.

The State will furnish CMP as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

NOTICE TO BIDDERS

SAN BERNARDINO CO., Calif.—A representative of the District Office will accompany prospective bidders over the proposed project San Bernardino County, at Little Mountain Entrance to San Bernardino, road VIII-SBd-191-A, for which bids are to be received in Los Angeles on March 26.

Said representative will meet prospective bidders at office of the District Engineer, 247-3rd Street, San Bernardino on Wednesday, March 11 and 18 at 10:00 a.m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until April 2, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for construction of a storm protection drainage system approximately 5.9 miles in length, in Riverside County between Bendel's Corner and the Imperial County Line.

The work involves:

(1) 149,000 c.y. ditch and channel excavation;
(2) 5,200 c.y. struc. excav.;
(3) 7,310 c.y. light riprap;
(4) 1,176 l.f. 24-in. CMP;
(5) 165 each monuments, complete, in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

BIDS WANTED

ORANGE CO., Cal.—Until April 2, 2 P. M., new bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 0.4 mile paving with asphalt concrete in the City of Orange, on Chapman Avenue and Glassell Street, adjacent to the Plaza.

The work involves:

(1) 16 M. gals. water;
(2) 110 c.y. rdwy. excav., unclass.;
(3) 500 c.y. struc. excav.;
(4) 1,015 sq. yds. subgrade for pave.;
(5) 1,650 tons asphalt concrete (base and leveling course);
(6) 1,225 tons asphalt concrete (Type B surface course);
(7) 13,400 sq. yds. asph. paint binder;
(8) 10 c.y. Class A Portland cement concrete (struc.);
(9) 600 lbs. bar reinf. steel;
(10) 2,000 lbs. misc. iron and steel;
(11) 604 l.f. 14-in. standard reinforced concrete pipe;
(12) 22 l.f. 21-in. standard reinforced concrete pipe;
(13) 70 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks);
(14) 540 l.f. curb armor;
(15) 1,140 c.y. removing apshalt conc.;
(16) 240 c.y. removing Portland cement concrete;
(17) 11 each moving and resetting light standards;
(18) 1 each moving and resetting tree.

Bids on this project were previously opened December 13, at which time the lowest bid was submitted by C. O. Sparks, 2309 E. Olympic Blvd., Los Angeles, at $36,241.60.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

CONTRA COSTA COUNTY, Calif.—Until April 1, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 4.1 miles surfacing with plant-mixed surfacing and constructing shoulders in Contra Costa County between county road to Byron and the easterly boundary.

The work involves:

(1) 1,200 tons selected material;
(2) 4,800 tons min. aggregate;
(3) 240 tons liquid asphalt MC-5 or MC-extra heavy;
(4) 45 tons liquid asphalt MC-2 (prime coat);
(5) 30 tons liquid asphalt MC-3 (seal coat);
(6) 350 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

NOTICE TO BIDDERS

SAN BERNARDINO CO, Calif.—A representative of the District Office will accompany prospective bidders over the proposed project in San Bernardino County, between Santa Ana River and Alabama Street, road VIII-Riv-26-A for which bids are to be received in Los Angeles on March 21.

Said representative will meet prospective bidders at office of the District Engineer, 247-3rd Street, San Bernardino, Wednesday, March 11, and 18, at 1:00 p.m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

BIDS OPENED

SAN FRANCISCO—N. Hemminga, 627 38th Ave.; at $66 submitted low bid to Custodian, U. S. Post Office, for repairs to sidewalks in front of Post Office building on Mission St. Complete bids follow:

N. Hemminga	$66.00
Thomas M. Jones	75.00
Carl T. Wengard	84.25

KERN COUNTY — 4.9 MI. GRADE AND SURFACE — (STATE)

KERN COUNTY, Cal.—A. Teichert & Son Inc., P. O. Box 1113, Sacramento, at $86,146.80 submitted low bid to the State Highway Commission, Sacramento for about 4.9 miles grading, applying road-mix surface treatment, and constructing a timber bridge in Kern County bet. Eric and La Rose.

The work involves:

(1) 1,525 M. gals. water;
(2) 160,000 c.y. rdwy. excav., unclass.
(3) 1,700 c.y. struc. excav.;
(4) 4,850 c.y. ditch excav.;
(5) 17,000 c.y. imported borrow;
(6) 775,000 sta. yds. overhaul;
(7) 257 sta. finishing rdwy.;
(8) 470 tons liquid asphalt SC-3 or SC-4 (road-mix surf. treatment)
(9) 58,000 sq. yds. preparing, mixing, and shaping roadbed;
(10) 60 tons liquid asphalt SC-3 or SC-4 (penetration oil treatment)
(11) 1,650 lbs. bar reinf. steel;
(12) 45 c.y. Class A Portland cement concrete (struc.);
(13) 26 c.y. Class B do;
(14) 23.5 MFBM dense select, all-heart struc. redwood timber;
(15) 14 MFBM select, do;
(16) 628 l.f. 8-in. CMP;
(17) 14 l.f. 18-in. CMP;
(18) 1,614 l.f. 24-in. CMP;
(19) 352 l.f. 30-in. CMP;
(20) 56 each spillway assemblies;
(21) 870 each guide posts;
(22) 40 each culvert markers;
(23) 1.0 mile new property fence;
(24) 1.0 mile property fences removed and disposed of;
(25) 2 each drive gates;
(26) 85 each monuments.

Total bids follow:

(A) A. Teichert & Son, Inc., Sacramento, $86,146.80.
(B) Granfield-Farrar & Carlin, San Francisco, $88,142.70.
(C) Young & Son Co., Ltd., Berkeley, $88,299.00.
(D) A. S. Vinnell Co., Los Angeles, $90,667.20.
(E) M.J.B. Const. Co., Stockton, $94,330.30.
(F) C. W. Caletti & Co., San Rafael, $94,597.00.
(G) David H. Ryan, San Diego, $96,109.00.
(H) Guy F. Atkinson Co., San Francisco, $98,917.50.
(I) R. R. Carlson, Stockton, $102,688.60.
(J) Oswald Bros., Los Angeles, $105,491.75.
(K) J. E. Haddock, td., Pasadena, $106,634.20.
(L) Gibbons & Reed Co., Burbank, $109,958.50.
(M) Griffith Co., Los Angeles, $136,746.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1)	$ 1.50	$ 2.00	$ 1.50	$ 2.50	$ 1.50	$ 1.50	$ 2.00	$ 2.50	$ 1.50	$ 2.70	$ 2.00	$ 3.00	$ 3.00
(2)	.24	.25	.265	.277	.29	.32	.305	.35	.31	.35	.325	.365	.49
(3)	1.00	1.25	.80	1.20	.95	1.00	1.00	1.00	1.00	1.40	1.50	1.50	2.00
(4)	.55	.60	.80	.65	.45	.50	.75	.70	.40	1.00	.50	.66	1.00
(5)	.60	.50	.405	.0365	.58	.45	.40	.40	.45	.45	.55	.60	.60
(6)	.005	.003	.005	.005	.005	.0025	.005	.005	.005	.005	.01	.005	.005
(7)	5.00	10.00	5.00	10.00	6.50	5.00	5.00	5.00	10.00	3.25	10.00	5.00	8.00
(8)	14.75	14.50	13.75	11.50	14.00	15.00	16.00	12.00	20.00	14.00	13.00	14.00	15.00
(9)	.05	.07	.065	.045	.05	.06	.05	.04	.06	.05	.07	.06	.06
(10)	15.00	14.50	13.75	11.50	14.00	15.00	17.00	14.00	20.00	14.00	14.00	14.00	15.00
(11)	.06	.05	.06	.06	.08	.10	.06	.06	.06	.06	.06	.06	.10
(12)	24.00	21.00	25.00	30.00	26.00	20.00	25.00	22.00	28.00	25.00	30.00	27.00	30.00
(13)	22.00	19.00	30.00	30.00	26.00	20.00	20.00	20.00	26.00	20.00	25.00	24.00	20.00
(14)	100.00	100.00	100.00	100.00	104.00	100.00	105.00	85.00	125.00	100.00	100.00	100.00	100.00
(15)	100.00	90.00	100.00	100.00	97.00	100.00	105.00	85.00	100.00	100.00	100.00	100.00	100.00
(16)	.85	1.05	1.00	.90	1.20	1.00	1.00	1.00	1.25	1.00	.90	1.00	1.50
(17)	2.00	1.65	1.70	2.50	2.30	1.75	2.50	2.00	2.15	1.75	2.00	1.75	2.00
(18)	2.50	2.65	2.30	3.00	3.00	2.50	2.75	2.25	3.25	2.75	2.50	2.70	3.00
(19)	3.25	3.30	3.00	3.75	3.70	3.50	3.50	3.00	5.50	3.50	3.50	3.10	4.00
(20)	15.00	15.00	14.00	12.00	15.00	15.00	14.00	12.50	35.00	12.00	15.00	15.00	20.00
(21)	2.25	2.00	2.00	1.40	1.70	1.75	2.00	1.50	2.00	2.25	2.50	1.60	3.00
(22)	2.25	2.50	2.00	2.00	1.70	2.00	2.00	1.25	2.00	2.50	3.00	1.60	3.00
(23)	500.00	500.00	500.00	800.00	520.00	500.00	450.00	600.00	400.00	550.00	600.00	500.00	600.00
(24)	75.00	200.00	100.00	300.00	200.00	200.00	100.00	150.00	150.00	125.00	200.00	100.00	200.00
(25)	20.00	15.00	18.00	30.00	15.00	15.00	20.00	25.00	16.00	15.00	15.00	16.00	25.00
(26)	3.00	3.00	3.00	1.40	3.00	3.00	2.50	3.00	3.00	2.50	3.00	3.00	3.00

BIDS OPENED

VENTURA COUNTY, Cal.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at $67,523.05, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 4.9 miles widening roadbed and placing a widening strip of Portland cement concrete pavement in Ventura County between Oxnard and Hueneme Road.

The work involves:

(1) 260 sta. clear and grub right of way;
(2) 600 M. gals. water;
(3) 12,000 c.y. rdwy. excav., unclass.;
(4) 3,600 sta. yds. overhaul;
(5) 500 c.y. struc. excav.;
(6) 12,000 c.y. imported borrow;
(7) 29,000 s.y. subgrade for pave.;
(8) 260 sta. finishing rdwy.;
(9) 25 tons liquid asph. SC-2 (prime coat);
(10) 290 tons do (shoulders);
(11) 23,100 s.y. preparing, mixing and shaping shoulders;
(12) 56 tons Grade E asphaltic cement (membrane seal);
(13) 95 c.y. membrane cover;
(14) 5800 c.y. Class A Portland cement concrete (pavement);
(15) 24,000 lbs. bar reinf. steel (pavement and struc.);
(16) 10,000 each pavement dowels;
(17) 60 c.y. Class A Portland cement concrete (struc.);
(18) 180 l.f. 18-in. reinf. concrete pipe;
(19) 10 l.f. 24-in. reinf. concrete pipe;
(20) 300 lbs. misc. iron and steel;
(21) 50 c.y. existing concrete to be removed and disposed of.

Total bids follow:

(A) J. E. Haddock, Ltd., Pasadena, $67,523.05.
(B) Oswald Bros., Los Angeles, $69-086.
(C) Matich Bros., Elsinore, $69,958.
(D) Basich Bros., Los Angeles, $75,-234.50.
(E) Sander Pearson and Mundo Engineering Co., Los Angeles, $75,-558.00.
(F) Geo. R. Curtis Paving Co., Los Angeles, $77,820.60.

Unit blds follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$2.00	$1.50	$5.50	$10.00	$5.00	$3.00
(2)	1.00	3.35	1.00	.50	1.50	1.20
(3)	.25	.25	.20	.35	.40	.36
(4)	.02	.01	.02	.02	.01	.04
(5)	1.50	1.25	.90	1.25	1.00	1.00
(6)	.40	.47	.40	.45	.50	.60
(7)	.10	.08	.12	.07	.12	.10
(8)	1.50	1.50	4.00	5.00	5.00	3.00
(9)	16.90	10.00	10.00	10.00	15.00	10.00
(10)	8.20	9.30	9.50	10.00	15.00	9.30
(11)	.07	.05	.06	.05	.06	.05
(12)	18.30	19.00	20.00	17.00	20.00	19.60
(13)	.75	1.00	2.00	1.00	2.00	1.00
(14)	7.65	7.75	7.85	8.35	7.80	8.65
(15)	.065	.066	.06	.07	.05	.075
(16)	.11	.10	.10	.12	.15	.12
(17)	20.00	20.00	22.00	22.00	20.00	23.00
(18)	2.80	2.40	3.00	2.75	2.20	2.50
(19)	3.75	3.00	3.50	3.25	3.50	3.40
(20)	.15	.11	.12	.12	.20	.12
(21)	3.00	3.50	2.00	3.00	3.50	2.00

NEW BIDS ASKED

COCONINO COUNTY, Arizona—Until March 19, 10 A. M., new bids will be received by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for placing a crushed rock base course on all of Route 8, Hermit Rest and the Headquarters Service Roads and Parking Areas, Grand Canyon National Park, Coconino County.

The length of the project is 9.141 miles, exclusive of Service Roads and Parking Areas, which have an area of approximately 67,205 sq. yds.

The principal items of work involved are:

(1) 38,200 tons crushed rock base course;
(2) 3955 tons supplemental crushed rock;
(3) 1350 M. gallons watering;
(4) 564 tons applying liquid asphaltic road material, Type SC-2;
(5) 45 cu. yds. unclassified excavation for structures;
(6) 216 lin. ft. CMP;
(7) 23 cu. yds. masonry.

Plans and specifications obtainable from the office of the Bureau of Public Roads, 414 Title & Trust Building, Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco, upon deposit of $10.

All bids received for the work Feb. 25 have been rejected. Jack Casson, Phoenix, submitted the previous low bid at $92,359. Engineer's estimate, $68,993.

CONTRACT AWARDED

APACHE COUNTY, Arizona—R. C. Tanner Co., Out West Bldg., Phoenix, at $155,757 awarded contract by the Arizona State Highway Commission, Phoenix, for the construction of the Showlow - Concho Highway, W P S O 104-A, AFE 609.

The work, which is located between Ortega Lake and Concho, consists of grading and draining two separate sections of roadway totaling about 13.1 miles in length, and is to be completed on or before December 31, 1936.

CONTRACT AWARDED

NAVAJO and Apache Cos., Ariz.—Packard Contr. Co., 402 Title & Trust Bldg., Phoenix, at $192,740 awarded contract by the Arizona State Highway Commission, Phoenix, for the construction of the Showlow-Springville Highway, WPH 105B; AFE 6022.

The work, which begins about 17 miles east of Showlow and extends easterly for a distance of ten miles, consists of grading, draining and placing aggregate base course and is to be completed on or before Jan. 31, 1937.

CONTRACT AWARDED

MOHAVE COUNTY, Ariz. — N. C. Hill & Co., 1145 W Culver St., Phoenix, at $123,818 awarded contract by the Arizona State Highway Commission, Phoenix, for construction of the Kingman-Boulder Dam Highway W P S S 102-A&B; AFE 6907; WPSS 102-C, AFE 6910.

The work, which begins about 30 miles northwest of Kingman and extends northwesterly about 19 miles, consists of oil processing by the road mix method, using cutback asphalt, and is to be completed on or before Dec. 31, 1936.

IMPERIAL COUNTY—20.6 Mi. Grading and Bridges—State

IMPERIAL COUNTY, Cal.—V. R. Dennis Const. Co., 3911 Fifth Avenue, San Diego, at $209,844, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 20.6 miles of grading and constructing bridges in Imperial County, on the Calipatria-Imperial Road between New River and a point two miles west of Calipatria.

The work involves:

(1) 3,000 M. gals. water;
(2) 80,000 c.y. rdwy. excav., unclass.
(3) 300 c.y. ditch and channel excavation;
(4) 3,000 c.y. imported borrow;
(5) 230,000 sta. yds. overhaul;
(6) 2,650 c.y. struc. excav.;
(7) 1,088 sta. finishing rdwy.;
(8) 10,000 c.y. untreated crushed rock (surfacing);
(9) 108 c.y. Class A Portland cement concrete;
(10) 19 c.y. Class B do;
(11) 14,000 lbs. bar reinf. steel;
(12) 11,500 lbs. struc. metal;
(13) 6020 l.f. furnishing treated Douggals fir piles, inc. test piles;
(14) 200 each driving treated do;
(15) 95 MFBM select, all heart, struc. Redwood;
(16) 100 MFBM dense, select, all-heart, struc. Redwood;
(17) 1 lot removing and disposing of existing bridges;
(18) 1,146 l.f. 18-in. CMP;
(19) 90 l.f. 24-in. CMP;
(20) 16 l.f. 36-in. CMP;
(21) 10 l.f. 24-in. CMP siphon;
(22) 64 l.f. 36-in. CMP siphon;
(23) 10 l.f. 48-in. CMP siphon;
(24) 36 l.f. remove, clean and relay pipe;
(25) 4 each concrete joints;
(26) 682 l.f. laminated guard railing;
(27) 2.75 miles remove and reset existing fences.

Total bids follow:

(A) V. R. Dennis Constr. Co., San Diego, $209,844.
(B) Hazard & Sons, San Diego, $212,-810.50.
(C) Oswald Bros., Los Angeles, $218,-907.20.
(D) J. E. Haddock, Ltd., Pasadena, $242,666.90.
(E) C. W. Caletti & Co., San Rafael, $244,182.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.60	$ 3.00	$ 2.40	$ 2.00	$ 2.00
(2)	1.35	1.00	1.63	2.00	.80
(3)	2.00	3.00	1.20	1.50	1.50
(4)	2.25	2.75	2.20	.40	2.00
(5)	.02	.05	.005	.01	.01
(6)	2.00	2.50	2.00	3.00	[illegible].00
(7)	20.00	8.00	3.00	10.00	20.00
(8)	2.40	3.45	2.30	.80	3.00
(9)	20.00	33.00	30.00	30.00	30.00
(10)	15.00	38.00	30.00	30.00	30.00
(11)	.05	.08	.06	.06	.06
(12)	.06	.22	.09	.16	.10
(13)	.80	1.00	.75	.71	.70
(14)	13.50	22.00	18.00	25.00	195.00
(15)	83.50	110.00	110.00	101.00	200.00
(16)	83.50	120.00	110.00	109.00	200.00
(17)	1500.00	1650.00	1600.00	1300.00	8002.00
(18)	2.00	4.50	1.85	1.65	5.00
(19)	3.00	7.50	2.80	2.60	5.00
(20)	6.00	15.00	5.60	5.30	10.00
(21)	4.20	7.50	3.50	3.30	10.00
(22)	7.00	15.00	6.00	5.75	10.00
(23)	12.50	20.00	10.00	9.50	10.00
(24)	2.00	10.00	1.25	2.25	5.00
(25)	30.00	50.00	20.00	50.00	50.00
(26)	1.50	3.00	1.25	1.00	3.00
(27)	150.00	350.00	300.00	600.00	1000.00

CONTRACT AWARDED

SAN BERNARDINO AND RIVERSIDE COUNTIES, Cal.—Clyde W. Wood, Box 49, Stockton, at $20,308 awarded contract by the State Highway Commission, Sacramento, for about 14.4 miles grading and treating shoulders with liquid asphalt, in San Bernardino and Riverside Counties, between Ontario and Riverside.

COMPLETE BID LISTING

WHITE PINE COUNTY, Nevada—U. B. Lee, 1059 Carpentier St., San Leandro, at $48,732.22, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system in White Pine County, from east foot of Connors Pass to five miles east, Route 14, Section A1, a length of approximately 5.39 miles.

The work involves:

(1) 25,650 c.y. roadway excavation;
(2) 20,134 sta. yds. overhaul;
(3) 2,660 c.y. select borrow;
(4) 210 c.y. structure excavation;
(5) 5.39 miles subgrade;
(6) 5.39 miles finishing roadway;
(7) 21,760 tons of crushed gravel or stone surfacing;
(8) 24 c.y. Class A concrete.
(9) 19 c.y. Class B concrete.
(10) 3,400 lbs. reinforcing steel;
(11) 380 l.f. 18" C.M.P.
(12) 254 l.f. 24" C.M.P.
(13) 22 each monuments;
(14) 42 acres clearing;
(15) 1 each, move pipe culvert headwall.

Total bids follow:

(A) U. B. Lee, San Leandro, $48,732.22.
(B) George French Jr., Stockton, $54,036.20.
(C) J. A. Casson, Hayward, $58,184.68.
(D) Engineer's Estimate, $53,565.02.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .65	$ .90	$ 1.20	$ 1.00
(2)	.03	.05	.02	.03
(3)	.07	.80	.60	.75
(4)	2.00	1.50	2.00	1.50
(5)	250.00	150.00	200.00	200.00
(6)	500.00	200.00	150.00	200.00
(7)	.72	.90	.85	.85
(8)	35.00	40.00	35.00	35.00
(9)	35.00	40.00	35.00	35.00
(10)	.10	.10	.06	.08
(11)	3.00	3.00	2.25	2.50
(12)	3.50	4.00	2.75	3.50
(13)	5.00	5.00	3.00	4.00
(14)	130.00	40.00	30.00	15.00
(15)	20.00	25.00	15.00	15.00

BIDS OPENED

MARIN COUNTY, Cal. — E. A. Forde, 640 Redhill Ave., San Anselmo, at $21,994 submitted low bid to the State Highway Commission, Sacramento, for 2.4 miles surfacing with crusher run base, plant-mixed surfacing and armor coat, in Marin County between Route 1 and Point San Quentin.

The work involves:

(1) 75 M. gallons water;
(2) 1,200 c.y. selected material;
(3) 1,850 tons crusher run base;
(4) 4,000 tons mineral aggregate (plant-mixed surfacing);
(5) 210 tons liquid asphalt MC-5 or MC - extra heavy (plant-mixed surfacing);
(6) 27 tons liquid asph. MC-2 (prime coat, plant-mixed surf.);
(7) 18 tons liquid asphalt MC-3 (seal coat, plant-mixed surf.);
(8) 200 tons screenings (do);
(9) 7 tons liquid asphalt 90-95 (armor coat);
(10) 135 tons screenings (armor coat);
(11) 40 tons liquid asph. SC-1A (armor coat and shoulder seal coat);
(12) 19 tons liquid asph. SC-2 (shoulder seal coat);
(13) 142 tons screenings (do).

Total bids follow:

(A) E. A. Forde, San Anselmo, $21,994.
(B) Pacific States Constr. Co., San Francisco, $24,321.05.
(C) A. G. Ralsch, San Francisco, $24,828.70.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.50	$ 2.35	$ 2.00
(2)	.50	1.30	.77
(3)	1.85	2.00	2.00
(4)	3.00	3.05	3.57
(5)	16.00	15.00	14.00
(6)	17.50	24.00	18.00
(7)	17.50	24.00	17.50
(8)	2.00	2.90	2.60
(9)	17.00	24.00	17.00
(10)	2.00	2.90	2.50
(11)	10.50	15.00	11.50
(12)	11.50	16.50	12.00
(13)	2.00	2.90	2.60

CONTRACT AWARDED

PIERCE COUNTY, Wash.—Albertson Cornell, 1113½ A St., Tacoma, at $185,292 submitted low bid and was awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and asphaltic concrete on about 6.1 miles of State Road No. 5, Puyallup to Tacoma, in Pierce County.

BIDS WANTED

LOS GATOS, Santa Clara County—Until March 23, 5 p.m. (to be opened at 8 p.m.) bids will be received by the Los Gatos Town Council, Donna M. Winning, Town Clerk, Town Hall, for the improvement of Santa Cruz Ave. from Main St. to Broadway, State Highway Route 42.

Plans and specifications obtainable from the office of the Town Engineer, Porter Bldg., San Jose, at a charge of $1 per set.

CONTRACT AWARDED

LINCOLN COUNTY, Wash.—N. A. Degerstrom, E 15 32nd St., Spokane, at $62,471 submitted low bid and was awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading and surfacing on about six miles of State Road No. 7, Davenport South, in Lincoln County.

BIDS OPENED

SAN FRANCISCO—C. C. W. and H. H. Haun, 666 Mission St., at $1294 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,823, for the improvement of Prospect Ave. between Cortland Ave. and Santa Marina St. (construction of concrete stairway and retaining wall).

VENTURA COUNTY—2.8 mi GRADE & TREAT—(State)

VENTURA COUNTY, Calif.—C. F. Robbins, 602 Fairmount Ave., Glendale, at $65,321, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 2.8 miles grading and applying road-mix surface treatment in Ventura County between East Casitas Pass and Coyote Creek.

The work involves:

(1) 126 stas. clearing and grubbing right of way;
(2) 1,350 M. gals. water;
(3) 101,000 c.y. rdwy. excav., unclass.
(4) 3,000 c.y. struc. excav.;
(5) 1,300 c.y. ditch and channel excavation;
(6) 116,000 sta. yds. overhaul;
(7) 150 sta. finishing rdwy.;
(8) 39,500 s.y. preparing, mixing and shaping roadbed (road-mix surface treatment;
(9) 40 tons liquid asphalt SC-2 prime coat (do);
(10) 480 tons liquid asphalt SC-2 (do)
(11) 9,800 lbs. bar reinf. steel;
(12) 140 c.y. Class A Portland cement concrete (struc.);
(13) 450 l.f. 8-in. CMP;
(14) 2,300 l.f. 24-in. CMP;
(15) 80 l.f. 30-in. CMP;
(16) 150 l.f. 36-in. CMP;
(17) 13 each spillway assemblies;
(18) 115 l.f. 105-inch multiplate CMP (65-13);
(19) 40 l.f. 120-in. do (78-17);
(20) 100 each culvert markers;
(21) 320 each guide posts;
(22) 0.5 mile new property fence;
(23) 1.0 mile removing and resetting existing fences;
(24) 94 each monuments.

Total bids follow:

(A) C. F. Robbins, Glendale, $65,321.
(B) Daley Corp., San Diego, $69,378.
(C) C. G. Willis & Sons and Chas. G Willis, Los Angeles, $78,260.
(D) Granfield, Farrar & Carlin, San Francisco, $79,083.50.
(E) Sharp & Fellows Contr. Co., Los Angeles, $80,396.
(F) M. J. B. Const. Co., Stockton, $80,793.
(G) Matich Bros., Elsinore, $82,842.
(H) Oswald Bros., Los Angeles, $84,054.50.
(I) Sander Pearson and Mundo Engr. Co., Los Angeles, $88,696.
(J) Mittry Bros. Const. Co., Los Angeles, $89,518.
(K) David H Ryan, San Diego, $89,774 00.
(L) A. S. Vinnell Co., Los Angeles, $91,265.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	$60.00	$38.00	$64.25	$80.00	$50.00	$50.00	$50.00	$35.00	$90.00	$50.00	$50.00	$50.00
(2)	1.00	2.00	2.70	2.00	2.00	1.40	2.50	3.00	1.50	2.00	1.50	3.00
(3)	.26	.275	.33	.30	.38	.36	.40	.37	.39	.42	.47	.51
(4)	1.00	1.50	1.30	1.50	1.00	1.25	1.00	2.60	1.00	2.00	1.50	.90
(5)	.50	1.00	1.10	1.00	.60	.56	1.00	2.20	40	.80	.75	1.00
(6)	.01	.005	.007	.01	.01	.01	.01	.01	.01	.0075	.005	.005
(7)	5.00	5.00	5.00	15.00	5.00	10.00	6.00	3.75	6.00	7.00	6.00	4.80
(8)	.04	.05	.05	.07	.07	.07	.06	.05	.12	.06	.06	.05
(9)	10.00	10.00	10.00	11.00	10.00	10.00	10.00	10.00	10.00	10.50	10.00	8.00
(10)	9.00	10.00	9.00	11.00	10.00	9.00	10.00	9.50	10.00	10.00	10.00	7.50
(11)	.05	.06	.05	.05	.06	06	.055	.05	.05	.055	.06	.045
(12)	30.00	26.00	22.00	25.00	30.00	22.40	25.00	25.00	20.00	32.00	25.00	23.00
(13)	1.00	1.00	1.25	1.05	1.00	1.40	1.00	1.00	1.00	1.10	1.10	1.00
(14)	2.75	3.00	3.00	2.65	2.50	3.15	2.60	2.75	3.00	2.80	3.00	2.90
(15)	3.25	4.00	5.00	3.30	4.00	3.90	3.20	3.50	4.30	5.50	4.00	4.00
(16)	4.75	5.50	6.50	4.90	5.00	6.00	4.80	5.00	5.00	6.50	5.50	5.50
(17)	12.00	15.00	15.00	15.00	17.00	16.00	15.00	15.00	15.00	20.00	13.00	12.00
(18)	28.00	35.00	35.00	31.00	32.00	43.40	35.00	35.00	40.00	36.00	34.00	28.00
(19)	25.00	30.00	30.00	26.50	40.00	37.80	31.00	30.00	45.00	41.00	30.00	27.00
(20)	2.50	2.25	2.00	2.50	3.00	2.10	2.50	2.00	3.00	2.00	2.00	2.00
(21)	2.00	2.25	2.00	2.50	2.00	2.10	2.50	1.75	3.00	3.00	2.00	2.00
(22)	400.00	480.00	600.00	500.00	500.00	700.00	600.00	500.00	500.00	500.00	450.00	800.00
(23)	200.00	200.00	400.00	350.00	330.00	490.00	300.00	400.00	300.00	400.00	200.00	400.00
(24)	2.00	3.00	2.50	3.00	3.00	4.00	3.00	3.00	3.00	3.50	3.00	3.00

The work involves:
(1) 40 c.y. grading (excavation);
(2) 38 l.f. 10-in. VCP culvert in place;
(3) 2 each brick storm water inlets, complete;
(4) 40 c.y. Class B concrete in walls and stairs;
(5) 1,100 lbs. bar reinforcing steel;
(6) 50 l.f. armored concrete curb;
(7) 1 brick catchbasin, reconstructed or reset;
(8) 600 sq. ft. one-course conc. sidewalk.

Total bids follow:
(A) C. C. W. & H. H. Hauz, San Francisco, $1294.
(B) Love & Haun, San Francisco, $1426.50.
(C) E. J. Treacy, San Francisco, $1,477.50.
(D) U. Peira & Son, San Francisco, $1724.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 2.00	$ 1.50	$ 1.70	$ 2.00
(2)	2.00	.75	1.25	1.50
(3)	50.00	20.00	25.00	40.00
(4)	22.00	27.50	28.00	32.00
(5)	.05	.05	.06	.05
(6)	1.00	.80	.60	1.00
(7)	75.00	25.00	35.00	50.00
(8)	.13	.13	.12	.12

BIDS OPENED

MONTEREY COUNTY, Cal.—A. J. Raisch Co., Lincoln Ave. and San Salvador St., San Jose, at $134,396.35 submitted low bid to the State Highway Commission, Sacramento, for about 8.3 miles grading and surfacing with plant-mixed surfacing in Monterey County, between Soledad and Gonzales.

The work involves:
(1) 1,870 M. gals. water;
(2) 47,000 c.y. rdwy. excav., unclass.;
(3) 709,500 sta. yds. overhaul;
(4) 11,300 c.y. imported borrow;
(5) 1,840 c.y. sand;
(6) 32,600 sq. yds. blending shoulders
(7) 700 c.y. ditch and channel excav.
(8) 820 c.y. struc. excav.;
(9) 160 c.y. existing concrete to be removed and disposed of;
(10) 437 sta. finishing rdwy.;
(11) 7,900 tons crusher run base;
(12) 16,950 tons mineral aggregate (plant-mixed surfacing);
(13) 76 tons liquid asph. MC-2 (prime coat, plant-mixed surfacing);
(14) 107 tons liquid asph. SC-2 (prime coat, shoulders);
(15) 1,020 tons liquid asphalt ROMC-3 or ROMC-4 or ROMS-5 (plant mixed surfacing);
(16) 83 tons liquid asph. MC-3 (seal coat);
(17) 640 tons screenings (seal coat);
(18) 960 tons liquid asph. SC-2 (shoulders);
(19) 78,700 sq. yds. preparing, mixing and shaping shoulders;
(20) 37 c.y. Class A Portland cement concrete (struc.);
(21) 1,400 lbs. bar reinf. steel;
(22) 2 ea. cast steel frames and covers
(23) 106 l.f. 12-in. CMP;
(24) 1,224 l.f. 18-in. CMP;
(25) 914 l.f. 24-in. CMP;
(26) 353 l.f. existing culverts cleaned and relaid;
(27) 268 l.f. existing culverts cleaned and salvaged;
(28) 90 each culvert markers;
(29) 27 each guide posts;
(30) 0.25 mile new property fence;
(31) 3 each drive gates;
(32) 57 each monuments, complete in place.

Total bids follow:
(A) A. J. Raisch, San Jose, $134,396.35
(B) Union Paving Co., San Francisco, $139,481.40.
(C) Heafey - Moore Co., Oakland, $146,560.20.
(D) Peninsula Paving Co., San Francisco, $147,542.65.
(E) A. Teichert & Son, Inc., Sacramento, $154,396.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.50	$ .90	$ 2.00	$ 2.00	$ 2.00
(2)	.25	.21	.25	.25	.46
(3)	.005	.005	.005	.005	.005
(4)	.55	.75	.65	.75	.65
(5)	.42	1.00	.40	1.00	.50
(6)	.06	.06	.03	.04	.045
(7)	.50	.60	.50	.60	.60
(8)	1.50	1.00	1.00	1.00	1.10
(9)	2.50	3.50	2.00	2.50	2.50
(10)	5.00	8.00	10.00	5.00	9.00
(11)	1.91	2.20	2.60	2.10	2.20
(12)	2.21	2.10	2.90	2.75	2.45
(13)	18.40	25.00	20.00	20.00	28.00
(14)	13.00	16.00	10.00	15.00	12.00
(15)	20.00	16.00	15.00	18.00	20.00
(16)	18.50	25.00	20.00	20.00	22.00
(17)	3.00	3.25	2.75	3.25	3.50
(18)	13.00	15.00	10.00	14.00	12.00
(19)	.06	.08	.05	.06	.06
(20)	25.00	30.00	30.00	27.00	30.00
(21)	.06	.10	.10	.07	.06
(22)	30.00	50.00	75.00	45.00	40.00
(23)	1.20	2.00	1.70	1.25	1.30
(24)	1.55	2.50	2.00	1.60	2.00
(25)	2.75	3.50	3.00	2.50	2.50
(26)	1.00	1.00	1.50	.50	.50
(27)	.50	.80	1.25	.50	.40
(28)	2.40	2.50	2.00	2.00	2.50
(29)	2.25	2.50	2.00	1.75	2.00
(30)	500.00	600.00	800.00	560.00	500.00
(31)	25.00	18.00	12.50	20.00	17.00
(32)	3.00	3.00	2.50	3.00	3.00

BIDS OPENED

CONTRA COSTA COUNTY, Cal.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $33,426 submitted low bid to the State Highway Commission, Sacramento, for constructing shoulders of crusher run base and applying seal coat thereon, on about 16.6 miles in Contra Costa County between Antioch and Borden Highway.

The work involves:
(1) 12,800 tons crusher run base;
(2) 82 tons liquid ahphalt, SC-1A;
(3) 52 tons liquid asphalt, MC-4;
(4) 325 tons screenings.

Total bids follow:
(A) Fredericksen & Westbrook, Lower Lake, $33,426.00.
(B) Hanrahan Co., San Francisco, $34,784.00.
(C) A. Teichert & Son, Sacramento, $37,653.25.
(D) L. C Seidel, Sacramento, $37,865.00.
(E) Palo Alto Roads Material Co. Ltd. Palo Alto, $38,741.00.
(F) W. H. Larson, Berkeley, $38,941.
(G) George French, Jr., Stockton, $39,905.75.

Unit bids follow:

	(1)	(2)	(3)	(4)
(A)	$2.15	$16.00	$22.00	$ 4.00
(B)	2.25	17.00	25.00	3.20
(C)	2.50	14.00	22.00	2.65
(D)	2.54	11.00	18.00	3.00
(E)	2.60	10.00	18.00	3.40
(F)	2.62	10.50	20.00	2.72
(G)	2.69	11.00	19.00	2.75

30—RESERVOIRS & DAMS

PLANNED

BAKER, Oregon — Three alternate plans for construction of a dam across Powder River above Baker have been worked out by the Reclamation Service. Plans call for construction of a dam at Mason siding on Sumpter Valley railroad at lower end of Sumpter valley. Plan A would store water sufficient to irrigate 20,000 acres at a cost of $92 per acre; Plan B would irrigate 30,692 acres at a construction cost of $97 per acre. Under Plan C the full development of the project would be undertaken, with power utilizing ground water by pumping. Estimated cost of this plan is $3,662,000.

T. B. Montgomery, president of Baker Valley Irrigation Assn., is active sponsor.

BIDS WANTED

SALT RIVER PROJECT, Arizona—Until April 7, 10 a.m., bids will be received by the Bureau of Reclamation, Producer Bldg., Phoenix, Arizona, E. C. Koppner, Construction Engineer, under Spec. No. 674, for the construction of the Bartlett Dam, Salt River Project, Arizona. The dam will be of the concrete multiple-arch type.

The work is located near Phoenix, and the principal items of work involved are:
(1) 135,000 c.y. common excavation in open cut;
(2) 185,000 c.y. rock excavation in open cut;
(3) 1,000 c.y. backfill;
(4) 1,000 c.y. rock fill;
(5) 8,000 c.y. concrete in buttress footings and arch cut-offs;
(6) 120,500 c.y. concrete in butresses and arches in dam;
(7) 12,400 c.y. mass concrete in dam;
(8) 13,700 c.y. concrete in spillway structure;
(9) 5,410 c.y. concrete in other parts of dam;
(10) 45,000 cu.ft. pressure grouting;
(11) Drilling 29,000 l.f. grout holes;
(12) Placing 5,500,000 lbs. reinforcement bars;
(13) Placing 3,000 l.f. drain pipe;
(14) Installing 3,191,300 lbs. gates, valves, and other metalwork.

Work shall be commenced within 30 calendar days and completed within 800 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Phoenix, Arizona; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, $2.50 per copy, not returnable.

BIDS WANTED

SALEM Ore—Until March 23, 2:30 P. M., bids will be received by the Salem City Council, A. Warren Jones, City Recorder, for the excavation for construction of a reservoir of 10,000,000 gal. capacity. Material to be excavated will consist of earth and soft rock in a total amount approximating 37,400 c.y.

Plans and specifications obtainable from the office of the Salem Water Department or from Stevens & Koon, Consulting Engineers, Spalding Bldg., Portland, upon deposit of $5.

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until March 20, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 98, for the construction of a log boom at San Andreas Reservoir, San Mateo County, a PWA project. The boom is to be not less than 805 feet in length from end to end of logs and about 975 feet between anchorages. The city will furnish necessary cable and chain and old logs which are to be attached to new logs. The reservoir is located approximately three miles west of Millbrae.

Bids will be taken as follows:
(1) Lump sum, furnishing and installing new logs for boom;
(2) 40 each, attaching logs from old boom to new logs.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason St., San Francisco, upon deposit of $5.00.

BIDS OPENED

SAN DIEGO, Cal.—M. H. Golden, 404 California Bank Bldg., San Diego at $130,612.50 submitted low bid to San Diego City Council for strengthening Lake Hodges Reservoir Dam, located ten miles east of Solano and 7 miles southwest of Escondido, in accordance with plans and specifica-

tions prepared by Fred D. Pyle, hydraulic engineer. The work is being financed by the PWA to the extent of $81,000.

Complete bids follow:

M. H. Golden, San Diego	$130,612.50
B. O. Larsen, San Diego	140,231.00
Case Const. Co., Alhambra	156,810.00
Bent Bros., Inc., L. A.	161,177.00
George Hess, Los Angeles	167,432.00
V. R. Dennis Const. Co., San Diego	171,242.50
Frank Doran, San Diego	179,189.00
L. E. Dixon Co., L. A.	179,627.00

COMPLETION TIME EXTENDED

SANTA CLARA COUNTY, Cal.—Santa Clara Valley Water Conservation District directors have extended from June 30 to September 1 the time for completing the contract of Macco Construction Company for constructing Coyote Dam. The extension was agreed upon by the directors and the contractor in order that it will not be necessary to release prematurely the water stored in Coyote Reservoir. The contractor is to complete placing rock facing on the dam and will resume work on 30 days notice from the district.

SUB-CONTRACT AWARDED

PARKER DAM, Ariz.—J. F. Shea Co., Oviatt Bldg., Los Angeles, has been awarded a sub-contract by the Six Companies, Inc., for all work in connection with the construction of Parker Dam and appurtenant works on the Colorado River, for the Bureau of Reclamation, as included in the contract awarded to the latter on bids opened July 26, 1934. J. F. Shea Co. has the contract for and is at the present time completing the diversion tunnels preliminary to starting on the construction of the dam itself. Frank Crowe, who recently completed his work as general superintendent for the Six Companies on the Boulder Dam, will have charge of the Parker Dam project. • 30

31 — PIPE LINES & WELLS

BIDS OPENED

LAKE COUNTY, Cal.—Bids for drilling, casing, perforating, sand pumping, and testing three to five wells near the towns of Lakeport and Upper Lake in Lake County, under Proposal No. 600, were opened by the U. S. Indian Irrigation Service, 75 S. Figueroa St., Los Angeles.

The wells will be 12-in. in diameter and from 60 to 200 feet deep. For exploring underground formation from 1 to 5 exploratory or pilot holes 2 to 4-in. in diam. and 50 ft. to 200 ft. deep may be required.

Bids were taken as follows:

(1) 300 ft. drilling and casing, including finishing and installing casing, shoes and starters;
(2) 40 hours use of rig equipment and crew for perforating, sand pumping and other work not otherwise covered;
(3) Lump sum, developing and testing with deep well turbine pump;
(4) 200 lin. ft. drilling and casing pilot holes, 2- to 4-in. dia.

The bidders were:

(A) S. L. Hummel, Kelsyville.
(B) R. E. Heinselman, Lakeport.
(C) R. L. Norris, Sacramento

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 3.00	$ 3.28	$ 5.00
(2)	20.00	2.25	5.00
(3)	75.00	66.67	150.00
(4)	1.50	.90	2.00

BOND ELECTION

DECOTO, Alameda Co., Calif.—The Board of Directors of the Decoto Sanitary District has set April 7 as the tentative date for an election to vote on a proposal to issue approximately $50,000. Total cost of the installation of a new sanitary system is estimated at $114,000.

BIDS OPENED

LAKEVIEW, Ore.—Herber & Sheldon, Pendleton, at $37,927.05 submitted low bid to the Lakeview Town Council, O. C. Gibbs, Recorder, for the construction of a sewage treatment plant.

Complete bids follow:

Herber and Sheldon, Pendleton	$37,927.05
Ek & Lind, Portland	39,493.01
Dunn and Baker, Klamath Falls	43,716.40
Warren Northwest Inc. Portland	47,897.95

Stevens & Koon, 1202 Spalding Bldg. Portland, consulting engineers.

CONTRACT AWARDED

BERKELEY, Alameda Co., Calif.—Oakland Sewer Const. Co., 9915 Walnut St., Oakland, at $7,231.10 awarded contract by the Berkeley City Council for the construction of a storm sewer on Ashby Avenue from Benvenue to Elmwood Court.

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

LOS ANGELES, Cal.—Gogo & Rados, 10024 S. Figueroa St., at $100,853 submitted low bid and awarded the contract (subject to the approval of the PWA) by the Board of Directors of Los Angeles County Sanitation District No. 2, 202 Law Bldg., 139 N. Broadway, for construction of approximately 26,683 l.f. of sanitary sewer with appurtenant structures, extending northerly from the present terminus of the Downey-Bellflower Trunk Sewer at 5th St. and Cerritos Ave., Downey, to the intersection of Parsons Blvd. and the first alley south of Whittier Blvd., Pico.

Total bids follow:

Gogo & Rados	$100,853.00
V. C. K. Const. Co.	105,627.62
Sutalo & Ramljak	129,970.80
Mike Radich & C. T. Brown	134,035.70
Nick Chutuk	136,964.38
J. C. Hickey	137,140.60
A. & B. Const. Co.	138,460.10

BIDS WANTED

STOCKTON, San Joaquin Co., Calif.—Until March 25, 8 P. M., bids will be received by the Stockton City Council for extension to the Trunkline Sewer in the City of Stockton:

Work involves:

(1) 275 lin. ft. 12-in. vit. clay pipe;
(2) 4950 lin. ft. 4-in. do;
(3) 15, 5-ft. diameter manholes;
(4) 14,911 sq. ft. asphalt pavement in place;
(5) 1 lamp hole.

Est. cost $28,527.

Plans and specifications may be obtained from City Engineer Lyle Payton upon deposit of $25.

33— WATER WORKS

CONTRACT AWARDED

BONNEVILLE, Oregon — Orino, Birkemeier & Saremal, Bonneville, at $25,676.95 awarded contract by the U. S. Engineer Office, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, 627 Pittock Block, Portland, under Bid No. 694-36-257, for construction of a station building, section buildings, sewer system, water tank and column, and water supply system, including excavation, concrete foundations, pipe lines and sewer lines, complete, for the O.W.R.R. & N. Co.'s railroad at Bonneville Dam.

BOND ELECTION

WOODLAKE, Tulare Co., Calif.—Board of Directors of the Woodlake Public Utility District has set April 14 as the date of a special election to vote on a proposal to issue $32,000 in bonds to finance construction of a publicly owned water system to replace the existing privately - owned system in the community.

Lester H. Gadsby, 714 N. Willis St., Visalia, engineer.

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

REDWOOD CITY, San Mateo Co., Cal.—Pacific Nursery, Colma, at $722.77 submitted low bid to Post Master, Redwood City Office, for planting and seeding grounds at the U. S. Post Office, Redwood City.

Complete bids follow:

Pacific Nursery, Colma	$ 722.77
California Nursery, Niles	925.00
J. Moore, Redwood City	1,018.50
West Coast Nurseries, Palo Alto	1,877.00
J. F. Archibald, Redwood City	1,975.00

Bids referred to Washington.

BIDS WANTED

NOGALES, Arizona—Bids are being received by the Custodian, U. S. Post Office, Nogales, for seeding and planting the grounds at the U. S. Post Office, Nogales.

BIDS WANTED

PORTERVILLE, Tulare Co., Calif.—Bids are being received by Custodian, U. S. Post Office, Porterville, for seeding and planting grounds at the U. S. Post Office, Porterville.

BIDS REJECTED

SANTA CLARA, Calif.—Treasury Department rejected all bids for seeding and planting grounds at the Santa Clara Post Office. New bids will be asked shortly.

On previous bid opening lowest bid was submitted by Wm. C. Malone, San Jose, at $450.

BIDS WANTED

SAN JOAQUIN COUNTY, Cal.—Until March 21, 9:30 A. M., bids will be received by the Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for landscaping highway roadsides on about 16 miles in San Joaquin County, between Stockton and Lind's Airport.

The work involves:

(1) 225 each platanus orientalis (Oriental Plane);
(2) 316 each nerium oleander (Oleander);
(3) 180 each platanus racemosa (California Sycamore);
(4) 147 ea. robinia pseudacacia (Black Locust);
(5) 178 each koelreuteria paniculata (Varnish tree);
(6) 63 each celtis occidentalis (Hackberry);
(7) 140 each quercus lobata (White Oak);
(8) 50 each quercus suber (Cork Oak)
(9) 115 each quercus palustris (Pin Oak).

Plans and specifications obtainable from above office. •

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

LITTERS, 20 metal; Mare Island and Puget Sound. Sch. 7319; Mar. 17.

SHACKLES, 9672 screw anchor, galvanized; Mare Island. Sch. 7325; March 17.

FITTINGS, 11,030 pressure lubricating gun; Mare Island and Puget Sound. Sch. 7318; March 17.

REDWOOD; 133,000 ft. b. m., Mare Island; 15,000 f. b. .m., Puget Sound. Sch. 7316; March 17.

DRILLS, carmon and high speed twist; Mare Island. Sch. 7327; March 17.

TESTING OUTFITS, boiler-water, & spares; Mare Island. Sch. 7338; March 17.

REFRIGERATORS, 6 portable electric; size No. 2; and spares; Mare Island. Sch. 7332; March 18.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

SACRAMENTO—Until March 17, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-181, for furnishing 11,125 feet standard hoisting rope of 6 strands, 19 wires to the strand, one hemp core.

Delivery f.o.b. Rio Vista.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until March 30, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1522, for furnishing railway track material.

Specifications obtainable from above office.

SAN FRANCISCO.—Until March 23, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1519, for furnishing galvanized, wrought steel pipe nipples as follows:

(1) 6,400 ½-inch nipples;
(2) 19,600 ¾-in. nipples;
(3) 400 1-in. nipples;
(4) 200 2-in. nipples;
(5) 60 3-in. nipples;
(6) 40 4-in. nipples;
(7) 12 6-in. nipples.

Specifications obtainable from above office.

SAN FRANCISCO—Until March 16, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1531, for furnishing Fir, Redwood, and Spruce for various City Department and Institutions for the term April 1, 1936 to July 31, 1936.

Specifications obtainable from the above office.

SAN FRANCISCO—Until March 27, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1521, for furnishing 4,270 split or hewn Redwood ties, 6"x8"x8'.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until March 27, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1520, for furnishing 57,100 lin. ft. of galvanized wrought steel pipe.

Bids will be taken as follows:

(1) 50,000 l.f. ¾-in. pipe;
(2) 5,000 l.f. 1-in. pipe;
(3) 2,000 l.f. 2-in. pipe;
(4) 100 l.f. 6-in. pipe.

Specifications obtainable from above office.

RECLAMATION SERVICE

GRAND COULEE DAM, Washington—Until March 27, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 769-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Coulee City, Washington, three motor-driven, horizontal, centrifugal pumping units, each having a capacity of 500 gals. per minute when operating under a total effective head of 220 feet; four motor - driven, horizontal, pumping units, each having a capacity of 750 gals. per minute when operating under a total effective head of 220 feet; three motor-driven, horizontal, centrifugal pumping units, each having a capacity of 1000 gals. per minute when operating under a total effective head of 220 feet; one motor-driven, horizontal, centrifugal pumping unit having a capacity of 1500 gals. per minute when operating under a total effectice head of 220 feet; and two motor-driven vertical, centrifugal, priming pumping units, each having a capacity of 30 gals. per minute when operating under a total effective head of 40 ft., for pumping plants for cooling concrete at the Grand Coulee Dam, Columbia Basin Project. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 25c, not returnable.

GRAND COULEE DAM, Washington—Until March 30, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 772-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Odair, Washington, 57 portal assemblies; 2 bronze liners and anchor rods for 54 gate frames; and 108 liner supports for the bulkhead gate frames to be installed at the outlet ends of the turbine draft tubes in the east and west main units and the station service unit of the Grand Coulee power plant, Columbia Basin Project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.50 not returnable.

BOULDER CITY, Nevada — Until March 30, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 771-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, Nevada, structural steel for four diverter towers and two capacitor supports for the Boulder switchyard, Boulder Canyon Project. The structures will be erected by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.75 not returnable.

BOULDER CITY, Nev.—Until Mar. 26, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 768-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City, miscellaneous fabricated pipe and fittings for installation at the Boulder power plant, Boulder Canyon Project. The materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $2.50, not returnable.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until March 18, 10 A. M. (to be opened at 2 P. M.) bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, for furnishing road oils, cutback asphalts, and Grade E asphalt, covering the requirements of the Division of Highways for a period from date of acceptance of bids to April 1, 1937.

Specifications obtainable from above office.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until March 17, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-195, for furnishing 11,125 ft. standard hoisting rope of six strands, 19 wires to the strand, one hemp core.

Delivery fob Rio Vista.

This bid call cancels and supersedes Bid No. 36-181.

Specifications obtainable from above office.

BENICIA, Solano County — Until March 25, bids will be received by the Commanding Officer, Benicia Arsenal, under Circular Proposal No. 30, for furnishing 600 8-oz. cans white enamel; 336 pts. clear lacquer; 1,080 lbs. white lead in oil; 750 gals. raw linseed oil; 200 gals. neatsfoot oil; 100 gals. turpentine; 228 gals. paint for ammunition; 504 qts. red paint; 96 pts. black stencil paint; 264 qts. white do.; 432 pts. orange shellac varnish; 528 pts. spar varnish; 10 gals. liquid paint drier; 60 skunk hair flowing brushes; 500 artists brushes; 360 cleaning brushes; 300 lbs. metal polish; and 10,500 lbs. soda ash.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until March 19, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-196, for furnishing lanterns, lantern globes, welding rods, fire clay, plastic fire brick, putty, pipe cement, copper bronze wire cloth, bar solder, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office.

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Building and Engineering News

IN THIS ISSUE

$2,000,000 OAKLAND FACTORY PLANNED

U. S. Permits 86% Over February, 1935

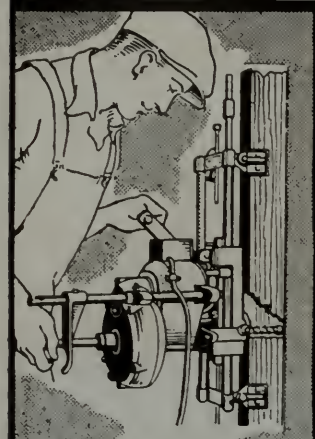
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

March 21, 1936

Vol. XIX—No. 12

WAPPAT Electric TOOLS



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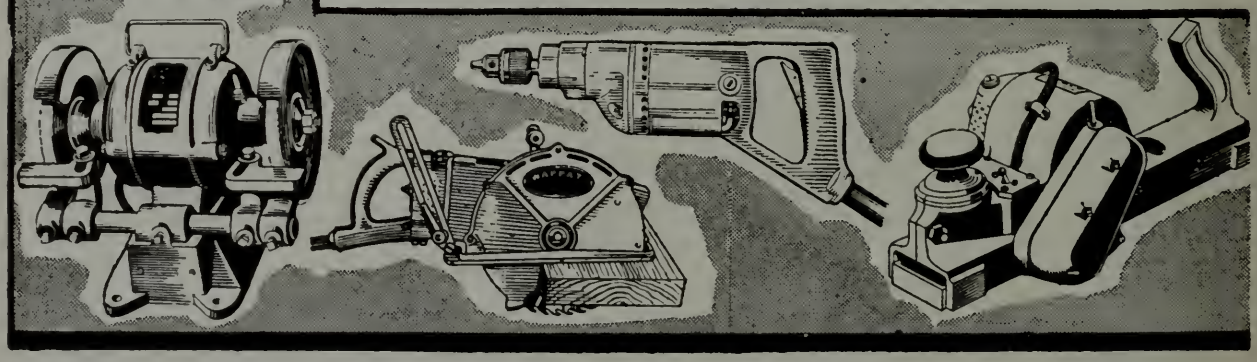

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Vol. XIX SAN FRANCISCO, CALIF., MARCH 21, 1936 No. 12

Building Permits In U. S. Cities Gained 86% Over February 1935, Survey Shows

The value of building permits issued in February continued to show a large percentage gain over the like month of 1935, but fell slightly below the level of the preceding month. Usually a slight increase is recorded from January to February. Returns from 215 cities of the United States, according to Dun & Bradstreet, Inc., involved a total estimated expenditure for new buildings, additions, alterations and repairs during February amounting to $51,406,138, compared with $54,957,904 in January, a decline of 6.5 per cent. When compared with the $27,636,367 figure recorded in February a year ago, however, last month's permit total showed a gain of 86.0 per cent.

The bulk of the decline shown in February from January occurred in the Middle Atlantic and East Central groups of states, with the New England section showing only a small decrease. The other five groups all contributed increases, ranging from 0.6 per cent in the Mountain group to 58.6 per cent in the South Central division. Comparison between February this year and last, revealed large gains in all sections of the country.

The aggregate permit value for the first two months of 1936 was almost double the total for last year and was three times the amount recorded in the first two months of 1933, when the low point in building was reached. The combined value of building permits in the 215 cities for January and February this year amounted to $106,364,042, against $54,462,635 in the first two months of 1935 and only $34,906,748 in the same period of 1933. All sections reported heavy increases over last year.

The building permit totals for the 215 cities for February and the first two months of each of the past ten years, follow:

	February	2 Months	% Chge Previous Year
1936	$51,406,138	$106,364,042	+95.3
1935	27,636,367	54,462,635	+35.4
1934	19,326,964	40,152,019	+15.0
1933	17,161,943	34,906,748	—58.2
1932	40,858,938	83,288,603	—56.6
1931	95,895,959	191,959,871	—14.0
1930	109,805,789	223,306,728	—49.6
1929	229,746,142	443,014,373	—13.1
1928	287,658,215	510,063,734	+ 5.7
1927	263,038,477	482,393,411	.....

BIDS APRIL 2 ON FRIANT WORK

Bids for open-cut and drift excavation at Friant Dam site will be received April 2 in Sacramento, Chief Engineer R. F. Walter announced yesterday. The contract is the first to be advertised by the Bureau of Reclamation in connection with the Central Valley Project. Items of work include 200 cubic yards of open-cut excavation at portals, 300 linear feet of drifting and 700 linear feet of additional drifting. The work is located about 1¼ miles northeast of Friant in Fresno County.

Proposals will be received at the office of Walker Young, construction engineer, Old Post Office Building, Sacramento.

1,100,000 Cu. Yds. Placed In Fill At Exposition Site

Continued progress in filling Yerba Buena Shoals for the San Francisco Bay 1939 Exposition site was reported yesterday by Lieut. Col. J. A. Dorst, U. S. district engineer.

A total of 1,100,000 cubic yards of material has been placed on the World's Fair site to date by the four Army dredges. Work during the last week has been mainly under water, however, and there has been little increase in the total area now visible above water.

The San Joaquin, twin of the suction dredge, Sacramento, which is now working on the fill, will be ready for service within three weeks, it was announced by Col. Dorst.

CONTRACTS LET FOR BUILDINGS TO COST $200,000

Lindgren & Swinerton Awarded Roos and Fleischhacker Jobs

Reflection of marked gains in San Francisco's private building industry was seen Saturday in plans filed with the Central Permit Bureau by Contractors Lindgren & Swinerton, 225 Bush Street, for two major construction jobs, cost of which will aggregate more than $200,000.

Of the two projects, the larger involves extensive alterations to Roos Bros.' store at Stockton and Market streets, at an estimated cost of $165,000. Work will include extension of the store frontage to a total of 440 feet, resurfacing the exterior with glazed terra cotta, granite base, new display windows, fixtures and other additions to the store's facilities. Plans for the job were prepared by Architects Bliss & Fairweather and Albert R. Williams.

A permit for a $40,000 residence for Mortimer Fleishhacker, Jr., at Pacific Avenue and Pierce Street, also was asked by Lindgren & Swinerton. It will be a two-story frame, stucco and brick veneer dwelling, according to plans by Architect Wm. W. Wurster.

"The two applications are among the largest for private building since I entered the bureau," said Head Clerk S. J. Rosenblum. "The store job is the largest of its type and the Fleishhacker residence the largest single dwelling, with one exception, in at least five years."

REMOTE CONTROL FOR INACCESSIBLE VALVES

Development of a remote hand control to supplement automatic systems is announced by the Foxboro Co. Foxboro, Massachusetts, manufacturers of controlling, recording and indicating instruments. The instrument is said to enable an operator at adjust valves several hundred feet away from the control panel.

The manufacturer will furnish further information upon request.

CONCRETE POUR TO RAISE DAM STARTS IN APRIL

Transbay Company Completing O'Shaughnessy Excation Work

Excavation for enlargement of O'Shaugsnessy Dam is nearly completed and preparations are being made to start pouring concrete, Utilities Engineer L. T. McAfee reported yesterday. The project is under contract to Transby Const. Co. of San Francisco.

Following is the text of Mr. McAfee's progress report:

Excavation for foundation is about 94 per cent complete, for spillway, 98 per cent. The concrete of the existing dam that will join the new concrete is being roughened to make a good bond. Some 5,000 steel anchor bars set in grout in holes drilled into the old concrete, will extend into the new concrete to assist the bond. These holes are now being drilled.

The plants for producing crushed stone and sand for concrete aggregate are complete. The sand is brought from Miguel Meadow by aerial tramway 3½ miles in length. As soon as the excavation is completed the pouring of concrete will begin, probably the latter part of April. The new concrete will be cooled by a refrigeration system which is now 40 per cent complete.

Relocation of the road to Lake Eleanor has necessitated construction of a road tunnel through the granite at the north abutment of the dam. About 280 feet of this tunnel has now been driven.

The area to be flooded by the reservoir due to raising the dam is now 91 per cent cleared of all trees and brush.

A parking area overlooking the construction has been completed for the convenience of sightseers.

During the winter season the contractor's employees numbered about 275.

FRESNO BUILDING EMPLOYING MANY

Harry J. Cayford, secretary-manager of the Fresno Builders' Exchange, reports about sixty homes are in construction in the vicinity of Fresno. Building permits in Fresno last month totaled $173,733 compared with $88,753 for January. March and the other Spring months are expected to show further gains. According to Charles L. Pengelly, secretary-manager of the Fresno Building Trades Council, virtually every skilled mechanic in the city now has steady employment.

January shipments of domestic deep well water systems amounted to $103,731, as compared with $96,615 in December and $75,454 in January 1935, the Bureau of the Census reports.

Owens-Illinois To Build $2,000,000 Factory; Plans Complete In 30 Days

Early construction of a $2,000,000 factory in Oakland was promised yesterday in an announcement by Owens-Illiois Pacific Coast Company that plans for the structure would be completed within thirty days.

It will occupy a 22-acre tract on Fruitvale Avenue at the Estuary. The construction schedule calls for completion by January 1, 1937.

Noteworthy in the design will be extensive use of glass bricks both for exterior walls and partitions. The glass bricks are a new product of the company and will be used for the first time on the Pacific Coast in a large building.

Glass wool, another new product of the company, will be used for insulating and sound-proofing the shops and buildings. Glass dust filters, another company product, will be used to supply clean, pure air to make working conditions the best possible.

Plans are being completed at the offices of the company, 85 Second Street, San Francisco, under supervision of P. D. Burtt, vice-president in charge of construction. Kaj Theill, 580 Market Street, has been retained as structural engineer.

Initial units of the plant will be a group of four buildings, occupying approximately nine acres. Equipment will be installed for production of all sizes, shapes and colors of glass containers and in addition for manufacture of corrugated paper shipping cases.

The company will continue to operate factories in San Francisco and Los Angeles and also will retain its general offices and warehouse facilities in the present San Francisco location, it was announced.

It was indicated that the company's engineering and chemical laboratory, responsible for new products and improvements in old products, will "very likely" be moved to Oakland. The new products, besides glass bricks and glass wool, include finely drawn glass, used in the textile field and for woven wire insulation.

The Owens-Illinois Pacific Coast Company is a subsidiary of the Owens-Illinois Glass Company, with headquarters at Toledo, Ohio, and is an outgrowth of an institution founded in San Francisco in 1881. Other subsidiaries of the parent organization are the Owens-Illinois Closure Company, manufacturers of all types of caps and closures for glass containers; the Owens-Illinois Can Company, manufacturers of tin containers, and the Libbey Glass Company, manufacturers of tumblers and other table glassware.

IN NEW QUARTERS

Contractor Harold C. Geyer announces removal of his offices to 574 Main Street, Monterey. Telephone No. 4924 and post office box 822 remain unchanged.

BIDS MARCH 25 FOR $75,000 CITY SCHOOL

Board Of Works Advertises Aptos Addition Contracts

Bids for construction of an addition to Aptos junior high school, located at Aptos Avenue and Upland Drive in San Francisco, will be opened March 25, the Department of Public Works announced this week.

Bids are being taken for general work, including mechanical, electrical and plumbing work, total cost of which is estimated by City Architect Chas. H. Sawyer at approximately $75,000. Proposals also will be received on segregated contracts, costs of which are estimated as follows: general, $65,000; mechanical work and plumbing, $8,000; and electrical work, $2,800.

Plans for the structure, which will add eight classrooms to the school's facilities, were prepared by Architect Dodge Riedy of San Francisco.

The building is one of several San Francisco schools which have received allotments in the current PWA program. Contracts already have been let for an auditorium at Daniel Webster school and for a shop building at the new George Washington high school. Bids taken for construction of a shop unit at Marina junior high school were rejected and the project has not been readvertised.

LUMBERMEN REPORT INCREASED ORDERS

Production by 201 reporting lumber mills during the week ending March 7 amounted to 107,656,465 board feet, according to the West Coast Lumbermen's Association. This was 64.3 percent of the average weekly cut during the 1926-1929 period.

Better weather in the midwest and the placement in the water trade of business held up for the past few weeks were said to be responsible for the increase in orders, which totaled 94,844,735 feet. Shipments amounted to 96,478,870 feet during the week.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
450	Spinden	Owner	3800
451	Spinden	Owner	3500
452	Spinden	Owner	3650
453	Spinden	Owner	3950
454	San Francisco	——	1800
455	Delprat	Jensen	11000
456	Baker	Owner	4000
457	McDonald	Lindgren	3900
458	Krasne	Mullen	2500
459	Baron	Cahill	13100
460	Morris	Owner	11000
461	Ho	Yick	1000
462	Sharman	Owner	3000
463	Mohler	Owner	3500
464	Liberty	Owner	1900
465	Fleischhacker	Lindgren	4000
466	Rodriguez	De Benedetti	3500
467	Sullivan	Lindgren	165000
468	California	Lindgren	2000
469	Campbell	Owner	5000
470	Campbell	Owner	5000
471	S. P. Co.	Owner	2500
472	Bertrand	Cicerone	3500
473	Blue	Lindsay	3750
474	S. F.	Owner	2500
475	Rossini	Helgesson	6000
476	McAfee	Owner	6000
477	Fridstrom	Owner	3500
478	Prevost	Rome	1000
479	McCarthy	Aetna	3750
480	Galli	Owner	14000
481	Morris	Owner	5000
482	Layton	Owner	5000
483	McCarthy	Aetna	3500
484	Galli	Owner	7500
485	Cuthbert	Lindsay	14000
486	Cuthbert	Lindsay	3750
487	Grahn	Owner	3000
488	Grahn	Owner	3000
489	Grahn	Owner	3000
490	Grahn	Owner	3000
491	Herzig	Owner	4000
492	Herzig	Owner	4000
493	Herzig	Owner	4000
494	Herzig	Owner	4000
495	Asborno	Murer	5000
496	Arnott	Owner	4000
497	McCabe	Owner	4500
498	Sterling	Mullen	2500
499	Johnson	Owner	10000
500	Bertram	Cicerone	3500
501	Christensen	Owner	4000
502	Christensen	Owner	4000

DWELLING
(450) W THIRTIETH AVE 100 N Rivera St. One-story and basement frame dwelling.
Owner—Elmer R. Spinden, 160 Russ St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3800

DWELLING
(451) W THIRTIETH AVE. 50 N Rivera St. One-story and basement frame dwelling.
Owner—Elmer R. Spinden, 160 Russ St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco $3500

DWELLING
(452) W THIRTIETH AVE. 75 N Rivera St. One-story and basement frame dwelling.
Owner—Elmer R. Spinden, 160 Russ St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco $3650

DWELLING
(453) W THIRTIETH AVE. 125 N Rivera St. One-story and basement frame dwelling.
Owner—Elmer R. Spinden, 160 Russ St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3950

ALTERATION S
(454) NO. 2500 SIXTEENTH STREET Alter dog kennels.
Owner—S. F. Society for Prevention of Cruelty to Animals, Prem.
Engineer—C. Heller, 111 Sutter St., San Francisco.
Contractor—Not Selected. $1800

DWELLING
(455) N LANSDALE 213 E Robin Hood Drive. Two-story frame dwelling.
Owner—Dr. G. T. Deprat, % Architect
Architect—Miller & Pflueger, 580 Market St., San Francisco.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St. $11,000

ALTERATIONS
(456) NO. 390 LIBERTY St. Alter apartments.
Owner—Leona Baker, Prem
Architect—Not Given. $4000

DWELLING
(457) N IRVING ST. 82 W Ninth Ave. Two-story frame store and dwlg.
Owner—McDonald Florists, 730 Irving St., San Francisco.
Architect—Donnell E. Jaekle, 126 Post St., San Francisco.
Contractor—A. C. Lindgren, 346 Lowell St., San Francisco. $3900

ALTERATIONS
(458) NO. 29 STOCKTON STREET. Alter store.
Owner — Joseph Krasne, Alexander Hotel, San Francisco.
Architect—Not Given.
Contractor — Mullen Manufacturing Co., 60 Rausch St. $2500

POST OFFICE
(459) W STEINER ST. 53 S Chestnut St. Two-story Class C Post Office
Owner—Baron & Nathan, 333 Montgomery St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Engineer—F. W. Kelberg, 320 Market St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco. $13,100

APARTMENTS
(460) NE THIRTY-THIRD AVE & Fulton St. Two-story and basement frame apartments.
Owner — A. T. Morris & Sons, 5400 Fulton St., San Francisco.
Architect—Not Given. $11,000

ALTERATIONS
(461) NO. 614 WASHINGTON ST. Alter restaurant.
Owner—Ho Yen Non, 814 Washington St., San Francisco.
Architect—Not Given.
Contractor—Frank Yick, 670 Washington St., San Francisco. $1000

DWELLING
(462) S PALOU ST. 225 E Phelps St. One-story and basement frame dwelling.
Owner—T. R. Sharman, 1800 Quesada St., San Francisco. $3000

DWELLING
(463) E TWENTY-NINTH AVE 75 S Cabrillo St. One-story and basement frame dwelling.
Owner—T. E. Mohler, 751 28th Avenue Oakland.
Architect—Not Given. $3500

ALTERATIONS
(464 NO. 271 TEHAMA ST. Alter dairy.
Owner—Liberty Dairy Co., Premises.
Architect—Not Given. $1900

DWELLING
(465) SW PACIFIC AVE. & PIERCE St. Two-story and basement frame dwelling.
Owner—Mortimer Flieschhaker Jr., % Contractor.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco $40,000

DWELLING
(466) NW PERSIA AVE. & VIENNA St. One-story and basement frame dwelling.
Owner — Pete Rodriguez, 446 Athens St., San Francisco.
Architect—Not Given.
Contractor—A. De Benedetti & Son, 100 Brazil Ave., S. F. $3500

ALTERATIONS
(467) NE MARKET AND STOCKton Sts. Alter store.
Owner—Sullivan Corp. et al, % Architect.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St. $165,000

REPAIRS
(468) NO. 833 MARKET S. Repair fire damage to store and offices.
Owner—Calif. Academy of Sciences, Premises.
Architect—Not Given.
Contractor — Lindgren & Swinerton, 225 Bush St. $2000

DWELLING
(469) W LAGUNA HONDA ST. 88 N Rockaway. Two-story and basement frame dwelling.
Owner — J. V. Campbell, 849 Laguna Honda St., San Francisco.
Architect—S. A. Colton, 544 Market St., San Francisco. $5000

DWELLING
(470) W LAGUNA HONDA ST. 120 N Rockaway. Two-story and basement frame dwelling.
Owner — J. V. Campbell, 849 Laguna Honda St., San Francisco.
Architect—S. A. Colton, 544 Market St., San Francisco. $5000

ALTERATIONS
(471) SW THIRD AND TOWNSEND Sts. Alter passengerd epot.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—Not Given. $2500

DWELLING
(472) W RHODE ISLAND ST. 125 S 25th St. One-story and basement frame dwelling.
Owner—M. A. Bertram, 525 Texas St., San Francisco.
Architect—Not Given.
Contractor — The Cicerone Co., 1101 Potrero Ave. $3500

DWELLING
(473) NW CAYUGA ST. 200 NE Santa Ynez St. One-story and basement frame dwelling.
Owner—Chas. Blue, 1727 Felton St., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., S. F. $3750

RETAINING WALL
(474) TWENTY - SEVENTH AND Douglas Sts. Retaining wall.
Owner—S. F. Recreation Commission, City Hall.
Engineer—Geo. S. Harman, City Hall.
Day's Work by WPA. $2500

FLATS
(475) W LATONA ST. 275 N Thornton St. Two-story and basement frame flats.
Owner—J. Rossini, 33 Reddy St., San Francisco.
Architect—Not Given.
Contractor—Roy A. Helgesson, 2695 23rd Ave., San Francisco. $6000

DWELLINGS
(476) W LONDON ST. 84 and 110 S France Ave. Two one-story and basement frame dwellings.
Owner—R. A. McAfee, 125 Cervantes Blvd., San Francisco.
Architect—Not Given. $3000 each

DWELLING
(477) W LYELL ST. 275 N Cayuga. One-story and basement frame dwelling.
Owner—Wilhelm Fridstrom, 88 Lyell St., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(478) NO. 1333 McALLISTER ST. Alter flats.
Owner—Mrs. L. Prevost, Premises.
Architect—Not Given.
Contractor — Rome Carpenter Shop, 1659 Powell St., S. F. $1000

DWELLING
(479) W ALEMANY BLVD. & SAN Juan St. One-story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor — Aetna Constr. Co., 238 Arleta St., San Francisco. $3750

DWELLINGS
(480) W TWENTY - SECOND AVE. 243, 198, 293 and 318 S Noriega St. Four 1-story and basement frame dwellings.
Owner—R. F. Galli, 377 West Portal Ave., San Francisco.
Architect—Not Given. $3500 each

DWELLING
(481) N FULTON ST. 50 E Thirty-third Ave. Two-story and basement frame dwelling.
Owner — A. T. Morris & Sons, 5400 Fulton St., San Francisco.
Architect—Not Given. $5000

DWELLING
(482) NE TWENTY-FOURTH AVE. and Kirkham St. Two-story and basement framee dwelling.
Owner—Harry J. Layton, 1370 18th Ave., San Francisco.
Architect—Not Given. $5000

DWELLING
(483) W LEE ST. 225 N Grafton St. One-story and basement frame dwelling.
Owner — The McCarthy Co., 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor — Aetna Constr. Co., 238 Arleta St. $3500

DWELLINGS
(484) W TWENTY - SECOND AVE. 218 and 268 S Noriega St. Two one-story and basement frame dwellings.
Owner—R. F. Galli, 377 West Portal Ave., San Francisco.
Architect—Not Given. $3750 each

DWELLINGS
(485) N GENEVA AVE. 133, 159, 185 and 211 W Delano. Four one-story and basement frame dwellings.
Owner—Martin L. Cuthbert, 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St. $3500 each

DWELLING
(486) NW GENEVA AVE. AND Delano St. One-story and basement frome dwelling.
Owner—Martin L. Cuthbert, 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St. $3750

DWELLING
(487) W NUEVA ST. 125 S. Blanken St., One-story and basement frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission St., San Francisco.
Architect—Not Given. $3000

DWELLING
(488) W NUEVA ST. 150 S Blanken St., One-story and basement frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission St., San Francisco.
Architect—Not Given. $3000

DWELLING
(489) W NUEVA ST. 175 S Blanken St., One-story and basement frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission St., San Francisco.
Architect—Not Given. $3000

DWELLING
(490) W NUEVA ST. 100 S Blanken St., One-story and basement frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission St., San Francisco.
Architect—Not Given. $3000

DWELLING
(491) N CRESTLAKE 835 W Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd., San Francisco.
Architect—Not Given. $4000

DWELLING
(492) N CRESTLAKE 868 W Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd., San Francisco.
Architect—Not Given. $4000

DWELLING
(493) N CRESTLAKE 901 W Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd., San Francisco.
Architect—Not Given. $4000

DWELLING
(494) N CRESTLAKE 802 W Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd., San Francisco
Architect—Not Given. $4000

ATERATIONS
(495) NO. 1160 POTRERO AVE. Alter apartments.
Owner—G. B. Asborno, 1660 Palou St. San Francisco.
Architect—Not Given.
Contractor—L. Murer, 1274 Quesada St., San Francisco. $5000

DWELLING
(496) E SIXTEENTH AVE. 59 S Rivera St. One-story and basement frame dwelling.
Owner—Jas. A. Arnott Jr., 633 Taraval St., San Francisco.
Architect—Not Given. $4000

DWELLING
(497) E TWENTY-SIXTH AVE. 321 S Ocean Ave. One-story and basement frame dwelling.
Owner — Jas W. McCabe, 716 Ulloa St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4500

ALTERATIONS
(498) NO. 1049 MARKET ST. Alter store.
Owner—Sterling Furniture Co., Prem.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St. $2500

FLATS
(499) S BEACH ST. 77 W Broderick St. Two-story and basement frame flats.
Owner—Peder P. Johnsen, 1750 Bay St., San Francisco.
Architect—Not Given. $10,000

DWELLING
(500) W RHODE ISLAND ST. 100 S 25th St. One-story and basement frame dwelling.
Owner—M. A. Bertram, 525 Texas St., San Francisco.
Architect—Not Given.
Contractor — The Cicerone Co., 1101 Potrero Ave., S. F. $3500

DWELLING
(501) W FORTY-THIRD AVE. 25 S Balboa St. One-story and basement frame dwelling.
Owner—Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(502) W FORTY-THIRD AVE. 50 S Balboa St. One-story and basement frame dwelling.
Owner—Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
274	Flannigan	Pickrell	5000
275	Marquart	Dawson	1500
276	Stulsaft	Owner	1000
277	Hufschmidt	Owner	4000
278	Roche	Dooley	6250
279	Santa	Owner	1000
280	Leekins	Leekins	4000
281	Lambert	Dawe	5000
282	Dinsmore	Haskell	10214
283	Bugbee	Hammarberg	5500
284	Reed	Boulevard	3000
285	San Jose	Owner	3000
286	Metcalf	Pedersen	1000
287	East	Nelson	4000
288	East	Nelson	10600
290	Lurie	Daley	15500
289	Kennedy	Owner	5200
291	Howard	Owner	1000
292	Simon	Owner	1000
293	Banchero	Thrams	2400
294	Zunino	Benassini	5000
295	Bardellini	Owner	1100
296	Rife	Bonds	6000
297	Mingham	Schneck	1300
298	Beeston	Shapero	4500
299	Morse	Armstrong	18600
300	Mitchell	Jensen	12280

DWELLING
(274) 2960 SOUTHWOOD DR., ALAMEDA. One-story 6-room stucco dwelling.
Owner—Irma Flannigan, Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, Alameda. $5,000

ALTERATIONS
(275) 835 PORTOLA AVENUE, ALAMEDA. Alteration and re-roofing dwelling.
Owner—J. Marquart, 1541 Santa Clara Ave., Alameda.
Architect—Not Given.
Contractor—L. S. Dawson, 1972 Tiffin Road, Oakland. $1500

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ALTERATIONS
(276) 1555 VERDI ST., **ALAMEDA.** Alterations to frame dwelling.
Owner and Contractor—M. Stulsaft, 365 Bush St., San Francisco.
Architect—Not Given. $1,000

March 13, 1936

Plans Completed

BUNGALOW COURT Cost, $3,000 ea. BERKELEY, Alameda Co., Cal. North of University of California.
Fourteen one-story frame and stucco residences (four rooms each) shake roof, wood sash, floor furnaces, hardwood floors, etc.
Owner and Builder—B. Reininghaus, 1057 Ordway St., Berkeley.
Architect—Not Given.
(9147) * 14

DWELLING
(277) NO. 274 ORANGE STREET, **OAKLAND.** One-story five-room dwelling.
Owner — Hufschmidt & Whalen, 337 17th St., Oakland.
Architect—Not Given. $4000

DWELLING
(278) NO. 5876 ST. PAUL COURT, **OAKLAND.** One-story six-room dwelling.
Owner—Edith Roche.
Architect—Not Given.
Contractor—Fred T. Dooley, 3536 Vale Ave., Oakland. $6250

WAREHOUSE
(279) 1154 FIFTY-FOURTH AVE., **OAKLAND.** Warehouse.
Owner — Santa Cruz Fruit Packing Co., 1145 57th Ave., Oakland.
Architect—Not Given. $1000

DWELLING
(280) NO. 3245 FLORIDA STREET, **OAKLAND.** Two-story six-room dwelling.
Owner — A. B. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland. $4000

DWELLING
(281) NO. 2329 EUNICE STREET, **BERKELEY.** Two-story 6-room frame dwelling and garage.
Owner—Dr. H. W. Lambert, 1441 Milvia St., Berkeley.
Architect—Not Given.
Contractor—Leslie C. Dawe, 49 Coventry Road, Oakland. $5000

DWELLING
(282) NO. 509 VINCENTE STREET, **BERKELEY.** One and one-half-story 5-room frame dwelling and garage.
Owner—Willard Walt.
Architect—Not Given.
Contractor—Millar White Constr. Co., 1880 San Antonio Ave., Berkeley. $4000

STORE BLDG.
(282) NO. 346-66-68 GRAND AVE., **OAKLAND.** One-story concrete store building.
Owner—J. W. and L. E. Dinsmore.
Architect — Williams & Wastell, 317 17th St., Oakland.
Contractor—Albert A. Haskell, 255 Ridgeway Ave., Oakland. $10,214

DWELLING
(283) NO. 39 BLACKFORD COURT, **OAKLAND.** One-story six-room dwelling.
Owner — Kenneth C. Bugbee, 5467 Locksley St., Oakland.
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard St., Berkeley. $5500

DWELLING
(284) NO. 5211 BOND STREET, **OAKLAND.** One-story five-room dwelling.
Owner—R. E. Reed, 5215 Bond Street, Oakland.
Architect—Not Given.
Contractor—Boulevard Builders, 3720 Foothill Blvd., Oakland. $3000

REPAIRS
(285) NO. 2317 FRUITVALE AVE., **OAKLAND.** Fire repairs.
Owner—San Jose Pacific Bldg. & Loan Assn., 3600 Broadway, Oakland.
Architect—Not Given. $3000

GARAGE
(286) NO. 245 PERKINS STREET, **OAKLAND.** One-story garage.
Owner—Howard Metcalf.
Architect—Not Given.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland. $1000

DWELLING
(287) NO. 1415 BARROWS ROAD, **OAKLAND.** One-story five-room dwelling.
Owner—East Bay Investment Co., Financial Center Bldg., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor—H. Nelson, Financial Center Bldg., Oakland. $4000

DWELLINGS
(288) NO. 3939-3945 OAKMORE RD., **OAKLAND.** Two two-story six-room dwellings.
Owner—East Bay Investment Co., Financial Center Bldg., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor—H. Nelson, Financial Center Bldg., Oakland. $5300 each

DWELLING
(289) NO. 1925 OAKCREST DRIVE, **OAKLAND.** Two-story six-room dwelling.
Owner—H. J. Kennedy, 1140 Chatham Road, Oakland.
Architect—Not Given. $5200

STORE
(290) NO. 1533 WEBSTER STREET, **ALAMEDA.** One-story reinforced concrete store.
Owner—The Lurie Co., San Francisco
Architect—Geo. W. Cotherell, 4221 Horton St., Alameda.
Contractor—Daley Bros., 4221 Horton St., Emeryville. $15,500

DWELLING
(291) NO. 1562C LINCOLN AVENUE **ALAMEDA.** Two-story 4-room stucco dwelling and store.
Owner — C. C. Howard, 1545 Santa Clara Ave., Alameda.
Architect—Not Given. $1000

ADDITION
(292) NO. 917 EXCELSIOR AVENUE **OAKLAND.** Addition.
Owner—Jake Simon, Premises.
Architect—Not Given. $1000

ALTERATIONS
(293) NO. 1359 EIGHTEENTH ST., **OAKLAND.** Alterations.
Owner—S. Banchero, Premises.
Architect—Not Given.
Contractor—C. H. Thrams, 28 Home Place, Oakland. $2400

DWELLING
(294) NO. 1632-34 CYPRESS ST., **OAKLAND.** Two-story six-room dwelling.
Owner—A. Zunino.
Architect—Not Given.
Contractor—Joe Benassini, 820 51st St. Oakland. $5000

ADDITION
(295) NO. 3700 GREEN ACRE ROAD, **OAKLAND.** Addition and one-story shed.
Owner—E. Bardellini.
Architect—Not Given. $1100

DWELLING
(296) NO. 915 KEELER ST., **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner—G. E. Rife, 1226 Monterey Ave., Berkeley.
Architect—Not Given.
Contractor — Milton S. Bonds, 583 Spruce St., Berkeley. $6000

ADDITION
(297) NO. 1508 McGEE ST., **BERKELEY.** Additions.
Owner—J. J. Mingham, Premises.
Architect—Not Given.
Contractor—A. W. Schneck, 3127 Herriott Ave., Oakland. $1300

DWELLING
(298) NO. 1126 MILLER AVENUE, **BERKELEY.** One-story five-room dwelling and garage.
Owner—H. Beeston, 2321 Dwight Way Berkeley.
Architect—J. B. Anthony, 1911 Oxford St., Berkeley.
Contractor—S. M. Shapero, 1849 Arch St., Berkeley. $4500

RESIDENCE
(299) NO. 28 SANDRINGHAM PL., **PIEDMONT.** Two-story 7-room frame residence and garage.
Owner—Clarence G. Morse, 1400 Mountain Blvd., Piedmont.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Piedmont. $18,600

RESIDENCE
(300) NO. 515 HAMPTON COURT, **PIEDMONT.** Two-story 9-room frame residence and garage.
Owner—Dr. H. Mitchell, 2122 Lakeshore Ave., Oakland.
Architect — Clarence Mayhew, 6026 Acacia Ave., Oakland.
Contractor—Jensen & Pedersen, 3413 Adeline St., Oakland. $12,280

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
26	Fleishhacker	Lindgren	40280
32	Kendall	Webb	6638

(26) LOCATION NOT GIVEN. All work for one-story frame dwlg.
Owner — Mortimer Fleishhacker Jr., 2418 Pacific Ave., San Francisco.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St., S. F.
Filed Mar. 13, '36. Dated Mar. 13, '36. 80% of labor and material on 10th of each month sum sufficoent to bring payments to 80% of contract price when completed .....
Usual 35 days..... .. ..Balance
TOTAL COST, $40,280
Bond, none. Limit, Aug. 24, 1936.
Forfeit, none. Plans and specifications filed.

ALTERATIONS
(32) LOT NO. 5, Resub of Highland Court, Piedmont. Alterations to 2-story frame building.
Owner—Mr. and Mrs. T. T. Kendall, 149 Caperton Ave., Piedmont.
Architect—Wm. E. Milwain.
Contractor—Thos. W. Webb and Donald Whalin.
Filed Mar. 18, '36. Dated Mar. 17, '36. Foundation in place and the frame up $1659.50
Plastered and roof finished.... 1659.50
Completed 1659.50
Usual 35 days..... 1659.50
TOTAL COST, $6638.00
Bond, $6638. Sureties, Pacific Indemnity Co. Forfeit, $3 per day. Limit, 65 days. Plans and Spec. filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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4.—Factories and Warehouses
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8.—Club Buildings
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Offices
11.—Ice and Cold Storage Plants
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13.—Public Buildings, Fire Houses and Jails
14.—Residences
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16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Sub-Contracts Awarded.
APARTMENTS Cost, $7500
OAKLAND, Alameda Co., Cal. No. Thirty-eighth Street.
Two-story frame and stucco apartment building (11 rooms).
Owner—Thesta C. Smith, 275 38th St., Oakland.
Architect—Not Given.
Contractor—C. F. Smith, 275 38th St., Oakland.
Plumbing and Heating — Glenview Plumbing Co., 4201 Park Blvd., Oakland.
Electric Wiring — Fred Schmits, 428 Moss Ave., Oakland.
Glass—Piedmont Lumber & Mill Co., 351 40th St., Piedmont.
Brick Work—H. P. Hindholm.
Lathing & Plastering—Sam Collarati.
Lumber—Piedmont Lumber & Mill Co. 351 40th St., Oakland.
Sub-bids are wanted on roofing, tile work, iron grille work, hardware, painting, flooring, window shades and terra cotta.

To Be Done By Day's Work.
ALTERATIONS Cost, $5000
SAN FRANCISCO. No. 390 Liberty Street.
Alterations to apartments.
Owner—Leona Baker, Premises.
Architect—Not Given.

Contract Awarded
APARTMENTS Cost, $18,000
SACRAMENTO, Sacramento Co., Cal. 2114 Sixteenth Street.
Three-story frame and stucco apartment building (nine 3-room apartments and one store on ground floor).
Owner—Adeline Prato.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Contractor—F. Miller, % architect.

To Be Done By Day's Work.
APARTMENTS Cost, $11,000
SAN FRANCISCO. NE 33rd Ave. and Fulton Street.
Two-story and basement frame and stucco apartments.
Owner and Builder—A. T. Morris & Sons, 5100 Fulton St., San Francisco.
Architect—Not Given.

Plans Completed.
ALTERATIONS Cost, $6000
SAN FRANCISCO. No. 1070 Pine St.
Alterations and additions to six flats for 12 2- and 3-room apartments; work involves adding baths, tile work, new main stairway, changing partitions, etc.
Owner—Dr. A. W. Morton.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Work will be done by day's labor under the supervision of the architect.

Plans Being Prepared
APARTMENTS Cost, $13,000
PITTSBURG, Contra Costa Co., Calif.
Two-story frame and stucco apartment building (50x125-ft.) four 3-room apts. (hardwood floors, wood sash, composition roofing, etc.)
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Bids will be asked in about 2 weeks.

Sub-Contracts Awarded
APARTMENTS Cost, $350,000
SAN FRANCISCO. NE Broadway and Buchanan Street.
Ten-story Class A steel frame apartment building (50 3- 4- and 5-rm. apts.) flat roof, steam heating system, wood sash, two elevators, tile baths, hardwood floors, garage, etc.
Owner—Lucille A. Meyer.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Meyer Const. Co. 735 Portola Drive.
Elevators—Atlas Elevator Co., 34 Harriet Street.
Sheet Metal—Sheet Metal Service Co., 213 Octavia Street.
Electric—Lindy Electric Co., 463 24th Avenue.
Tile—Cook Tile Co., 334 Claremont Boulevard.
Mill Work—Hayman Bldg. Supply Co., 735 Portola Drive.
Concrete — Golden Gate Atlas Materials Co., 16th and Harrison Sts.
Incinerator—Ludwig Incinerator Co., 960 Natoma Street.
Ornamental Iron—Star Orn. Iron W'ks 1271 Folsom Street.
Marble—Eisele & Dondero, 2895 Third Street.
Artificial Stone—Western Artificial Stone Co., 666 Brannan Street.
Mantels—L. Cardini, 121 14th Street.
As previously reported, structural steel awarded to McClintic Marshall Co., 20th and Illinois Sts.; grading to Hyman Rosenberg, 307 Girard Street; wrecking to Symon Bros. Wrecking Co., 1435 Market Street; concrete to Golden Gate Atlas Materials Co., 2625 16th Street.

2— BONDS

BONDS SOLD
LOS ANGELES, Cal.—The bonds of the Beverly Hills High School Dist. in the amount of $270,000 were sold by the Los Angeles county supervisors March 16 to Blyth & Co. and Griffith-Wagenseller & Durst at par, accrued interest at 2¾% and a premium of $2889.

3— CHURCHES

TAKING SEGREGATED BIDS
LOS ANGELES, Calif. — H. Sage Webster, engineer; Dwight C. Powell, associate, 101 N. La Brea Ave., are taking segregated bids for a two-story church building to be built at the corner of Normandie Ave. and 65th Pl., for Epworth M. E. Church, South; Rev. E. P. O'Rear, 6512 S. Normandie Ave., pastor.

PLANNED
TUCSON, Arizona.—First Southern Baptist Church of Tucson, Rev. J. N. Campbell, pastor, contemplates erecting a new edifice on the corner of East Speedway and North Third Ave., Tucson. Construction is scheduled to start next fall.

4— FACTORIES & WAREHOUSES

ADDITIONAL CONTRACTS AWARDED
LOS ANGELES, Cal.—Kawneer Mfg. Co., 135 N. Los Angeles St., awarded contract for 37 steel rolling doors to be installed in a new freight house under construction on Santa Fe Ave. between Third and Fourth Sts. for the Santa Fe railway. Pioneer Waterproofing & Roof Co., 608 Mateo St., awarded contract for the roofing, and G. C. Hewitt, 174 Glendale Blvd., was awarded contract for painting. As previously reported, Wm. P. Neil Co., 1671 E 4t9h St., general contractor.

Contract Awarded
ADDITION Cost, $——
WALLA WALLA, Washington.
One-story brick warehouse (100x200-ft.) composition roofing, concrete floors, wood sash, cooling building (60x150-ft.) concrete floors, corrugated iron roof, wood siding.
Owner—Libby, McNeil & Libby Cannery.
Architect—Not Given.
Contractor—Austin Co., Dexter Horton Bldg., Seattle.

Sub-Contracts Awarded.
SHEDS Cost, $30,000
WATSONVILLE, Santa Cruz Co., Cal. Watsonville Junction.
Two lettuce packing sheds (170x50-ft. and 120x50-ft.) four-car spot with additional car room, etc.
Owner—Pajaro Cold Storage Co., Watsonville.
Architect—A. W. Story, Pajaro Valley National Bank Bldg., Watsonville.
Contractor—T. H. Rosewall, Watsonville.
Sheet Metal—P. J. Freiermuth Co., Watsonville.
Glass—Orlando's Glass Shop, Watsonville.
Lumber—T. H. Rosewall, Watsonville.
Steel Sash—Central Supply Co., Watsonville.
Concrete — Granite Constr. Co., Watsonville.
Flooring—T. H. Rosewall, Watsonville
As previously reported, mechanical equipment awarded to Link-Belt Co., Paul Ave., San Francisco; plumbing to J. J. Freiermuth Co., Watsonville; electric motors to Meade Motor Co., Salinas; wiring to Just-Rite Electric Co. and P. V. Electric Co., Watsonville.

CONTRACT AWARDED
LOS ANGELES, Cal.—P. J. Walker Co. 3900 Whiteside Ave., awarded contract for complete construction of a three-story, Class A reinforced concrete commercial warehouse and garage building, 150x247 feet in area, at 1130 S Flower St. for the Flower Realty Co. (United Parcel Service). Cost, $200,000. Earl T. Heitschmidt 807 Subway Terminal Bldg., Los Angeles, and Abbott, Merkt & Co. ,architects and engineers, New York City, prepared the plnas.

To Be Done By Day's Work
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 271 Tehama St.
Alterations to dairy.
Owner—Liberty Dairy Co., premises.
Architect—Not Given.

CONTRACT AWARDED

LOS ANGELES, Cal.—Stanton-Reed Co., 816 W Fifth St., awarded contract for construction of a five-story reinforced concrete Class A warehouse (60x125-ft.) at 107 S. Rose Street for California Hardware Co. Cost, $100,000. John C. Austin and Frederic M. Ashley, 6th floor, Chamber of Commerce Bldg., architects.

Contract Awarded.
BUILDING Cost, $20,000
SAN FRANCISCO. S Thirteenth St. E Van Ness Ave. South.
One-story reinforced concrete industrial building (75x145 feet); tar & gravel roof, steel sash, concrete walls, concrete floors, etc.
Owner—Withheld.
Architect—Walter Falch, Hearst Bldg. San Francisco.
Contractor—A. Vogt, 250 11th Street, San Francisco.

LOW BIDDER

SANTA MONICA, Los Angeles Co., Cal.—Harman & Co., 3044 Riverside Drive, Los Angeles, submitted low bid to Douglas Aircraft Co. at $63,985, for concrete work for a new manufacturing unit (300x300 ft.) to be added to the west side of the company's plant at 3000 Ocean Park Blvd., Santa Monica. Edward Cray Taylor and Ellis Wong Taylor, 803 W. Third St., Los Angeles, architects and engineers.

Sub-Contracts Awarded
WAREHOUSE Cont. Price, $22,970
WINTERS, Yolo Co., Calif.
One- and two - story reinforced concrete warehouse and fruit packing building (60x230-ft.)
Owner—Winters Dry Fruit Company, Winters.
Architect—Dragon and Schmidts, 3016 Telegraph Ave., Berkeley.
Contractor—Geo. Petersen, 1841 Bancroft Ave., San Leandro.
Roofing—General Roof. Co. 3985 Beach St., Oakland.
Plumbing—J. Barth, Woodland.
Electric Wiring — Reliable Elevator Works, Sacramento.
Sheet Metal—J. Barth, Woodland.
Glass—W. P. Fuller & Co. Sacramento
Hardware—Associated Hardware Co.
Painting—A. B. Bowen, Winters.
Concrete—George Petersen.
Reinforcing Steel—Concrete Engr. Co., 1280 Indiana St., San Francisco.

Plans Being Prepared.
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Aves.
Group of four buildings for glass manufacturing plant (brick and insulux glass construction) concrete foundations, corrugated iron roofs and composition roofs, concrete floors, steel sash, etc.
Owner — Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco. (P. D. Burtt, Vice President, in charge.)
Structural Engineer—Kaj Theill: 580 Market St., San Francisco.
Plans will be completed in about 30 days.

5— FLATS

To Be Done By Day's Work.
FLATS Cost, $10,000 each
SAN FRANCISCO. N Jackson St. E Broderick Street.
Two two-story and basement frame and stucco flats.
Owner and Builder—Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect — John Ahnden, 822 39th Ave., San Francisco

Sub-Bids Being Taken.
FLATS Cost, $10,000 each
SAN FRANCISCO. N Jackson St. E Broderick Street.
Two two-story and basement frame and stucco flats.
Owner and Builder—Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect — John Ahnden, 822 39th Ave., San Francisco.

Contract Awarded.
FLATS Cost, $7500
SAN FRANCISCO. W Latona St., 275 N Thornton St.
Two-story and basement frame and stucco flats.
Owner—J. Rossini, 33 Reddy St., San Francisco.
Architect—Not Given.
Contractor — Roy A. Helgesson, 2695 23rd Ave., San Francisco.

Plans Being Prepared
FLATS Cost, $14,000
SAN FRANCISCO. Taraval Street.
Two 2-story frame and stucco flats (gas heating systems, hardwood floors, tile baths, etc.)
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Boulevard.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 1333 McAllister Street.
Alterations to flats.
Owner—Mrs. L. Prevost, Premises.
Architect—Not Given.
Contractor — Rome Carpenter Shop, 1659 Powell St., San Francisco.

To Be Done By Day's Work
FLATS Cost, $11,000
SAN FRANCISCO. S Beach Street W Broderick.
Two - story and basement frame and stucco flats.
Owner and Builder—Peder J. Johnsen 1750 Bay Street.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $6,495
CARMEL, Monterey Co., Cal. Sixth and San Carlos Streets.
Service station.
Owner—Union Oil Co. of California, 617 W 7th St., Los Angeles.
Plans by Engineering Dept. of Owner
Contractor—M. J. Murphy, P. O. Box 100, Carmel.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. NE Irving St. & Twenty-fourth Avenue.
Alterations to service station.
Owner—Richfield Oil Co., Balboa Bldg. San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.

Plans Being Prepared.
SERVICE STATION Cost, $6000
PETALUMA, Sonoma Co., Cal. Main and Kent Streets.
New super service station.
Owner—L. B. Hammell, Petaluma.
Plans by Engineering Dept. of Lessee.
Lessee—Richfield Oil Co., 248 Battery St., San Francisco.

Plans Being Prepared
SERVICE STATION Cost, $——
SAN MATEO, San Mateo Co., Calif. SE "B" St. and First Ave.
New service station.
Owner—Gilmore Oil Co., 3rd and 18th Sts., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—John Huggard, Rialto Bldg., San Francisco.

Plans Being Prepared
SERVICE STATION Cost, $6,000
SAN FRANCISCO. SW 24th Avenue and Geary Street.
One-story steel service station.
Owner — General Petroleum Corp. of California, 310 Sansome St., San Francisco.
Plans by Engineering Dept. of Owner. Bids will be asked in about 30 days.

Plans Awaiting PWA Approval.
GARAGE Cost, $14,000
SEBASTOPOL, Sonoma Co., Calif.
One-story reinforced concrete garage at High School.
Owner — Analy Union High School District.
Architect—Louis Stone and Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Upon approval of plans by the PWA bids will be asked.

Contract Awarded.
ALTERATIONS Cost, $1065
SACRAMENTO. Sacramento Co., Cal. Second and M Streets.
Alterations to service station.
Owner—Union Oil Co., California State Life Bldg., Sacramento.
Plans by Engineering Dept. of Owner.
Contractor—W. T. Trusedale, 2116 H St., Sacramento.

7— FEDERAL BUILDINGS

Bids Rejected
INSPECTION STATION Cost, $——
SASABE, Arizona.
United States Inspection Station.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans will probably be revised and new bids asked at a later date.
On previous bid opening lowest bid was submitted by W. Pearce, 220 W. 42nd St., New York, at $16,450.

BID OPENING DATE POSTPONED

CANAL ZONE—Until April 25 (date postponed from March 31) bids will be received by the Chief Quartermaster, Balboa Heights, Canal Zone, for general building construction in the Canal Zone as follows:
One auditorium building at Cristobal;
Quarters for lock guards, Gatun;
Quarters for lock guards, Pedro Miguel
Quarters for lock guards, Miraflores;
One storage shed, Miraflores;
One gas production plant, Balboa;
Two ward buildings, Nos. 18 and 19, Leper Colony, Palo Seco;
One ward building, No. 1, Leper Colony, Palo Seco.
Plans and specifications obtainable from the above office upon deposit of $10.00.

CONTRACT AWARDED

SANTA BARBARA, Cal.—Washington Ornamental Co., 13131 13th Street NW, Washington, D. C., at $126 was awarded contract by Treasury Department for plaster models for the U. S. post office to be erected in Santa Barbara.

BIDS WANTED

RENO, Nev.—Until April 8, 10 A. M. bids will be received by Procurement Division, Public W'ks Branch, Washington, D. C., for acoustical treatment on ceilings and additional doors at certain openings of the U. S. Attorney's Suite on the third floor of the U. S. Post Office, etc., at Reno.
Plans and specifications may be obtained from above office.

CONTRACT AWARDED

PRESCOTT, Ariz.—Arthur M. Gelden, Chicago, at $1,567 awarded contract by the Treasury Department for painting plaster at the U. S. post office in Prescott.

March 18, 1936

SPECIFICATIONS BEING WRITTEN

LOS ANGELES, Cal.—Procurement Division, Public W'ks Branch, Washington, D. C., is writing specifications for the new Federal office building to be erected at Spring, Temple and Main Sts., Los Angeles. The project is on the preferred list and will probably be on the market within a few weeks. Temporary quarters for the various departments in the present building have been advertised, the bids to be opened in Los Angeles on April 10. The building will be sixteen stories in height and is designed to carry several additional stories. It will cover a ground area of approximately 140,000 sq. ft. and will be a steel frame structure faced with granite. The appropriation is $6,250,000. The site has frontages of 525 feet on Spring and Main Sts., and a frontage of 300 feet on Temple St. It is understood that the contract for the new building will include the demolition of the existing post office and several small structures on New High St. Gilbert S. Underwood, a member of the Federal Board of Architects, is consulting architect for the project.

CONTRACT AWARDED

PEARL HARBOR, T. H.—Pioneer Const. Co., Seattle, awarded contract by the 14th Naval District March 16 at $307,000 for the construction of 25 quarters at the Fleet Air Base, Pearl Harbor; Spec. 8113.

Bids Wanted—To Close April 22nd, 1 P. M.

POST OFFICE Cost, $——
CENTRALIA, Wash. SE Locust and Silver Streets (140x160-feet).
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office. No deposit required for one set.

CONTRACT AWARDED

GLENDALE, Calif.—G. S. Shogren, 1370 Linden Ave., Glendale, at $724.00 awarded contract by Treasury Department for decorative painting of plaster surface in main entrance of the U. S. post office at Glendale.

Contract Awarded.

POST OFFICE Cost, $18,000
SAN FRANCISCO. W Steiner Street 50 S Chestnut St.
One-story reinforced concrete Class C branch Post Office for the Marina District.
Owner—Barron & Nathan.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.
Lessee—United States Government.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

BIDS WANTED

TABLE BLUFF, Humboldt Co., Cal. —Until April 8, 11 A. M., bids will be received by Public Works Officer, Mare Island Navy Yard, Washington, D. C., for miscellaneous repairs to the buildings and new water tank at the U. S. Naval Radio Station, Table Bluff (Eureka); Spec. No. 8149.

Plans and specifications may be obtained from above office and from the Bureau of Yards and Docks, Navy Department, Washington, D. C., upon deposit of $5.00.

BIDS WANTED

POINT REYES, Marin Co., Calif.—Until April 1, 11 A. M., bids will be received by Public Works Officer at Mare Island Navy Yard, for miscellaneous repairs and alterations to the buildings, fences, drains and concrete tank at the U. S. Naval Direction Finder Station, Point Reyes; Spec. No. 8150.

Plans and specifications may be obtained from above office and from the Bureau of Yards and Docks, Navy Department, Washington, D. C., upon deposit of $5.00.

CONTRACT AWARDED

SAN FRANCISCO—Thos. M. Jones, 643 29th Ave., at $1482 awarded contract by Treasury Department for new partition at the U. S. Post Office, Seventh and Mission Sts., San Francisco.

BIDS WANTED

CRESCENT CITY, Humboldt Co., Cal.—Until April 8, 11 A. M., bids will be received by Public Works Officer, Mare Island Navy Yard, for miscellaneous repairs and alterations to the Dormitory and Compass House and installation of road culverts at the U. S. Naval Direction Finder Station, Point St. George (Crescent City). Specification No. 8148.

Plans and specifications may be obtained from above office and from the Bureau of Yards and Docks, Navy Department, Washington, D. C., upon deposit of $5.00.

Sub-Contracts Awarded.

POST OFFICE Cont. Price, $42,830
BAKER, Oregon.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Hoffman Constr. Co., 715 SW Columbia St., Portland.
Excavation—R. J. Heriza, Baker.
Concrete Work—William A. McWaters Baker.
Plumbing and Heating—Urban & Sinnott, Portland.
Ornamental Iron — Portland Wire & Iron Works.
Roofing and Sheet Metal — Reuter & Sons, Portland.
Painting—Landroth & Boorse, Baker.
Tile—Carlton Tile Co., Portland.
Electric Wiring—Grasle Electric Co., Portland.
Mill Work — Shockley Lumber Co. Baker.
Marble—Lutz Marble Co., Portland.

8— CLUB BUILDINGS

Plans Being Prepared

ALTERATIONS Cost, $——
CARMEL, Monterey Co., Calif.
Alterations to club bldg. (new lounge, card room, etc.)
Owner—Manzanita Club, Carmel.
Architect—Milton Latham, P. O. Box 1257, Carmel.

Plans Being Prepared.

CLUBHOUSE Cost, $20,000
PASATIEMPO, Santa Cruz Co., Calif.
One-story frame and stucco clubhouse (living and dining room, 75 locker, etc.) Spanish style.
Owner—Marion Hollins, Pasatiempo.
Architect—Clarence Tantau, 210 Post St., San Francisco

Plans To Be Prepared.

ALTERATIONS Cost, $150,000
BERKELEY, Alameda Co., Calif. Campus of the University of California.
Structural changes and miscellaneous work at Stephens Union.
Owner—University of California.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco, and W. L. Huber, 1 Montgomery St., San Francisco.
Further details will be announced at a later date.

Prospective Bidders

LODGE BLDG. Cost, $50,000
MERCED, Merced Co., Calif. Nineteenth and M Streets.
1½-story frame and stucco lodge bldg. (lodge rooms, cafe, card rooms, lounge, gymnasium, banquet room and billard room).
Owner—Merced Lodge of Elks.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.
The following have procured plans. Bids open March 31, 2 P. M.:
Oliver M. Rousseau, 321 Kearny St., San Francisco.
Frank J. Reilly, 6350 Fulton St., San Francisco.
Peter Sartorio, 666 Mission St., San Francisco.
Theo. Johanns, 2020 15th St., San Francisco.
Mark Bristol, 1038 McKinley Ave., Oakland.
David Nordstrom, 4150 Emerald St., Oakland.

9— HOSPITALS

BIDS WANTED

SANTA BARBARA, Calif. — Until March 30, 10 A. M., new bids will be received by Santa Barbara county supervisors for the addition of a tuberculosis unit to the Santa Barbara county hospital, a PWA project. Plans and specifications may be obtained from the architect, Henry W. Howell, 157 Cheltenham Drive, Santa Barbara, upon deposit of $25. Certified or cashier's check or bond for 5% must accompany each bid.

CONTRACT AWARDED

TUCSON, Ariz.—E. A. Dow, 1017 First Ave., Tucson, awarded contract by Veterans' Administration, at $22,-650 for construction of additions and alterations to Administration Building No. 1 at the Veterans' Administration Facility, Tucson.

PLANNED

SAN FERNANDO, Los Angeles Co., Cal.—Frank T. Hines, director of the Veterans' Administration Facility, has recommended that the veterans' hospital in San Fernando be enlarged to provide 100 additional beds, the work to be undertaken at such time as funds may be available.

Preliminary Plans Awaiting Approval

ADDITION Cost, $60,000
WEIMAR, Placer Co., Calif.
Addition to tubercular sanatorium.
Owner—Weimar Joint Sanatorium.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Preliminary plans are awaiting the approval of the Bureau of Indian Affairs, Washington, D. C.

To Ask Bids Within Few Days.

HOSPITAL Cost, $75,000
CHICO, Butte Co., Calif. Esplanade bet. Fifth and Sixth Avenues.
One-story reinforced concrete hospital (50-bed capacity) tile roof, steam heating system, etc.; laboratory, surgery rooms, X-ray rooms and resident physician's offices.
Owner—Dr. N. T. Enloe.
Architect—Chester Cole, Chico.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Mechanical Engineer—A. Coddington, 222 Kearny St., San Francisco.
Bids will be asked within 1 week.

BIDS WANTED

SAN FRANCISCO.—Until March 24 10 A. M., bids will be received by the Custodian, U. S. Marine Hospital, 14th Ave. and Lake Street, for repairing roof leaks on main Building No. 1, Marine Hospital.

Specifications may be obtained from above office.

CONTRACT AWARDED

SAN FRANCISCO.—N. Hemminga,

627 38th Ave., at $167 awarded contract by Treasury Department for new flooring in Bldg. No. 12 at the Marine Hospital, 14th Ave. and Lake Street.

10— HOTELS

Preparing Preliminary Plans
ALTERATIONS Cost, $——
DEL MONTE, Monterey Co., Calif.
Alterations to hotel rooms at the Del Monte Hotel.
Owner—Hotel Del Monte.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.

PLANNED
LOS ANGELES, Cal.—Jay Paley, % E. F. Hutton & Co., 6619 Hollywood Blvd., contemplates erecting an apartment-hotel building on Sunset Blvd., at the south city limits of Beverly Hills, to cost approximately $2,000,000. Preliminary plans contemplate two units, one to be 14 stories in height and the other 8 stories. Paul Williams, 3839 Wilshire Blvd., will probably be the architect.

PLANNED
SANTA BARBARA, Calif.—Carrillo Building Co., Santa Barbara, will make improvements to the Hotel Carrillo, Santa Barbara, to cost $25,000. Work will include the installation of a cocktail room, redecorating, entrance alterations, sound deadening ceilings in guest rooms and new furnishings.

PLANNED
PHOENIX, Arizona.—Jack Stewart, manager of the Wigwam Guest Inn, Litchfield Park, Phoenix, and associates contemplate erecting a resort hotel northeast of Phoenix. Construction of a central building, surrounded by a number of bungalows, is proposed.

Bids In—Held Under Advisement.
ALTERATIONS, ETC. Cost, $75,000
MERCED, Merced Co., Cal. M Street
Alterations to El Capitan Hotel (3-story structure) new lobby, painting, decorating, etc., and a new one-story reinforced concrete office building.
Owner—Stanley S. Simonson, Merced.
Architect—Kent & Hass, 525 Market St., San Francisco.
Announcement will be made within a few days.

12— POWER PLANTS

Boiler Contract Awarded.
POWER PLANT Cost, $1,800,000
RICHMOND, Contra Costa Co., Calif. (Richmond Refinery).
New steam power plant (to contain 3 steam boilers with maximum working pressure of 900 lbs. per sq. in. and capable of generating 125,000 lbs. of steam per hour, 3 4000 kilowatt steam turbine generators, etc.).
Owner—Standard Oil Co., 225 Bush St. San Francisco.
Plans by Engineering Dept. of Stone & Webster.
Contractor — Stone & Webster, 1656 Russ Bldg., San Francisco.
Boilers—Riley Stoker Corp., 408 So Spring St., Los Angeles.
As previously reported, turbines awarded General Electric Co., Russ Bldg., San Francisco.

BIDS OPENED
RIVERSIDE COUNTY, Cal.—L. E. Dixon Co., 609 S. Grand Ave., Los Angeles, at $819,316.25 submitted low bid to the Metropolitan Water District, Los Angeles, under Spec. No. 143, for constructing the Eagle Mountain pumping plant of the Colorado River Aqueduct.

The work is located in Riverside County on the line of the Colorado River Aqueduct, about 10 miles north of the town of Desert Center, and comprises the construction of the Eagle Mountain pumping plant buildings, together with inlet works, outlet structures, electrical switching station, and the appurtenant works.

The buildings are to be of reinforced concrete and steel construction and the switch and bus structures of galvanized structural steel erected on concrete foundations. Cement, reinforcing steel, and certain other materials will be provided by the District.

The work has been divided into three schedules and no proposal will be considered for less than the whole of the work.

The work involves:

SCHEDULE 1

Schedule of prices for constructing the Eagle Mountain pumping plant buildings and appurtenant works.

Note—No bid will be considered for less than all the items of Schedules 1, 2, and 3. Award, if made, will be for all three schedules as one contract.

(1) 400 cu. yds. excavation: all classes, stripping slopes of loose and unsound rock;
(2) 31,710 cu. yds. excavation: earth, for pump building and control house;
(3) 13,750 cu. yds. excavation: rock, for pump building and control house;
(4) 9680 cu. yds. excavation; earth, for switch house, transformer foundations, trenches for power and control cable systems, 2300-volt station service racks, oil tanks, and compressor and generator house;
(5) 300 cu. yds. excavation: rock, for switch house, transformer foundations, trenches for power and control cable systems, 2300-volt station service racks, oil tanks, and compressor and generator house;
(6) 3800 cu. yds. excavation: earth, for delivery pipes, delivery pipe supports and anchors, inclined railway, and water storage tanks;
(7) 6600 cu. yds. excavation: rock, for delivery pipes, delivery pipe supports and anchors, inclined railway, and water storage tanks;
(8) 10 cu. yds. excavation; earth, for delivery pipe gate house and inclined railway hoist house;
(9) 1500 cu. yds. excavation: rock, for delivery pipe gate house, and inclined railway hoist house;
(10) 14,025 cu. yds. excavation: earth, for 230-kv. switch rack and adjacent roadways;
(11) 10 cu. yds. excavation: rock, for 230-kv. switch rack and adjacent roadways;
(12) 300 cu. yds. excavation; earth, for drainage ditches, pipe trenches, and miscellaneous purposes;
(13) 10 cu. yds. excavation: rock, for drainage ditches, pipe trenches, and miscellaneous purposes;
(14) 24 lin. ft. drilling 24-in. diam. plunger well for hydraulic elevator;
(15) 1020 cu. yds. backfill: not compacted, for all structures;
(16) 22,000 cu. yds. backfill, compacted, for all structures;
(17) 450 cu. yds. rock fill for transformer foundation;
(18) 260,000 sta. yds. earthwork overhaul;
(19) 1200 lin. ft. installing anchor bars in rock;
(20) 400 lin. ft. drilling grout holes;
(21) 500 cu. ft. pressure grouting;
(22) 7006 cu. yds. concrete in substructures of pump building and control house;
(23) 1026 cu. yds. concrete in 230-kv. switch rack; 2300-volt station service racks, switch house substructure and transformer foundations, power cable tunnel, oil tank foundations, and retaining walls;
(24) 3600 cu. yds. concrete in delivery pipe supports, anchors, and encasement and inlet manifold encasement;
(24) 3600 cu. yds. concrete in delivery pipe supports, anchors, and encasement and inlet manifold encasement;
(25) 2000 cu. yds. concrete in delivery pipe gate house and surge chamber;
(26) 345 cu. yds. concrete in electrical conduit envelopes;
(27) 712,000 lbs. fabricating and placing reinforcement steel in substructures of pump building and control house;
(28) 88,000 lbs. fabricating and placing reinforcement steel in 230-kv. switch rack, switch house substructure, transformer foundations, power cable tunnels, and 2300-volt station service rack foundations;
(29) 132,500 lbs. fabricating and placing reinforcement steel in delivery pipe supports, anchors, and encasement, and inlet manifold encasement;
(30) 307,000 lbs. fabricating and placing reinforcement steel in delivery pipe gate house and surge chamber;
(31) 7000 lbs. fabricating and placing reinforcement steel in electrical conduit envelopes;
(32) 1900 lbs. furnishing and placing galvanized anchor bolts in concrete for all structures;
(33) 5200 lbs. furnishing and placing ungalvanized anchor bolts in concrete for all structures;
(34) 44,000 lbs. furnishing and installing track rails and accessories in transformer foundations;
(35) 940 lin. ft. furnishing and laying track in cut or fill for inclined railway, complete with ties and ballast;
(36) 50 lin. ft. furnishing and laying track on trestle for inclined railway;
(37) 231,000 lbs. furnishing and erecting galvanized structural steel for 230-kv. switch and transformer racks and 2300-volt station service racks;
(38) 21,000 lbs. furnishing and installing miscellaneous iron and steel, not galvanized;
(39) 9000 lbs. furnishing and installing miscellaneous iron and steel, galvanized;
(40) 2400 lbs. furnishing and installing stair treads and tread plates;
(41) 600 lbs. furnishing and installing black pipe railing;
(42) 3000 lbs. furnishing and installing galvanized pipe railing;
(43) 1,045,000 lbs. furnishing and erecting steel delivery pipes;
(44) 357,000 lbs. furnishing and erecting inlet manifold, branch pipes, and pump inlet pipes;
(45) 15,500 lbs. furnishing and installing cast steel and standard steel pipe sleeves and thimbles;
(46) 110,000 lbs. furnishing and installing cast iron pipe, fittings, floor drains, and vents, including sewer and waste lines from plumbing fixtures;
(47) Furnishing and installing hot and cold water piping and plumbing fixtures in pump building, substructures, lump sum;
(48) Furnishing and installing metal toilet partitions in pump building substructure, lump sum;
(50) Furnishing and installing ventilating duct work in pump build-

(49) 126 sq. ft. furnishing and installing metal-clad swing doors with metal frames in pump building and switch house subing and control house substructure, lump sum;
(51) Furnishing and installing metal louvers, and steel sash and glazing, in switch house substructure, lump sum;
(52) 74 sq. yds. constructing thin partitions of metal lath and plaster, and suspended ceiling;
(53) Furnishing and installing transite panels and barriers in switch house substructure, lump sum;
(54) 2.4 MFBM furnishing and erecting timber trestle work for inclined railway;
(55) 47,200 lbs. furnishing and installing metal conduit 1¼-in. and smaller;
(56) 75,200 lbs. do. 1½-in. and larger
(57) 450 l.f. furnishing and installing 1-in. fibre conduit;
(58) 66,300 l.f. do, 2½-in. do;
(59) 100 l.f. do 3-in. do;
(60) 1750 l.f. do 4-in. do;
(61) 700 lbs. furnishing and installing copper sleeves and bars for electrical ground wire system;
(62) Furnishing and installing fabricated metal boxes for electrical system;
(62a) 750 lbs. boxes weighing 10 lbs. or less;
(62b) 725 lbs. boxes weighing 10 to 25 lbs.;
(62c) 1175 lbs. boxes weighing 25 to 40 lbs.;
(62d) 200 lbs. boxes weighing 40 to 60 lbs.;
(62e) 3000 lbs. boxes weighing over 60 lbs.;
(63) 300 lbs. furnishing and installing small commercial type sheet metal boxes for elec. system;
(64) 90 lbs. furnishing and installing small cast metal boxes for the electrical system;
(65) Pump building superstructure, inc. erection of crane, lump sum
(66) Control house superstructure, lump sum;
(67) Switch house superstructure, lump sum;
(68) Generator and compressor house lump sum;
(69) Concrete water tanks, lump sum
(70) 31,100 ton-miles hauling steel;
(71) 320,000 ton-miles hauling cement
(72) Overhaul of concrete aggregates fixed at 10c. per c.y.-mi.;

SCHEDULE 2

Scehdule of prices for constructing the Eagle Mountain reservoir and appurtenant works.

Note: No bid will be considered for less than all the items of Schedules 1, 2 and 3. Award, if made, will be for all three schedules as one contract.

(73) 74,000 c.y. excavation, all classes, for reservoir, intake channel spillway channel, siphon spillway and radial gate struc.;
(74) 1500 c.y. excavation, all classes, for drainage struc. and rdwy.;
(75) 13,300 c.y. excavation, earth, for intake siphons, trash rack, and headworks;
(76) 2800 c.y. excavation, rock, for intake siphons, trash rack, and headworks;
(77) 45,000 c.y. compacted reservoir embankment;
(78) 3800 c.y. rdwy. embankment;
(79) 200 c.y. riprap for rdwy.;
(80) 1000 c.y. backfill, not compacted, for structures;
(81) 14,000 c.y. backfill, compacted, for structures;
(82) 200,000 sta. yds. earthwork overhaul;
(83) 51,800 s.y. asphalt lining for reservoir and embankment;
(84) 4500 s.y. oil surface for rdwy.;
(85) 1450 c.y. conc. in intake channel, spillway channel, apron and adjacent radial gate structure;
(86) 550 c.y. concrete in siphon spillway and radial gate structure;
(87) 1160 c.y. concrete in 16-ft. dia. intake siphon and trash rack;
(88) 225 c.y. concrete in 5-ft. 6-in. dia. intake siphons and headworks;
(89) 60 c.y. concrete in roadway and drainage structures;
(90) 225,000 lbs. fabricating and placing reinf. steel in intake channel, spillway channel, apron, & adjacent radial gate struc.;
(91) 70,000 lbs. fabricating and placing reinf. steel in siphon spillway and radial gate struc.;
(92) 165,000 lbs. fabricating and placing reinf. steel in 16-ft. dia. intake siphon and trash rack;
(93) 35,000 lbs. fabricating and placing reinf. steel in 6-ft. 6-in. dia. intake siphons and headworks;
(94) 5,000 lbs. fabricating and placing reinf. steel in rdwy. and drainage struc.;
(95) 63,000 lbs. furnishing and installing trash rack metal work;
(96) 700 l.f. furnishing and installing 12-in. dia. corru. pipe culvert;
(97) 100 l.f. furnishing and installing 24-in. do;
(98) 5,000 lbs. furnishing and installing misc. iron and steel;
(99) 35,000 lbs. installing misc. metal work;
(100) 13,000 ton-miles hauling steel;
(101) 50,000 ton-miles hauling cement;
(102) Overhaul of concrete aggregates fixed at 10c per c.y.-mile.

SCHEDULE 3

Schedule of prices for constructing Eagle Mountain sand trap and appurtenant works.

Note: No bid will be considered for less than all the items of Schedules 1, 2 and 3. Award, if made, will be for all three schedules as one contract.

(103) 54,000 c.y. excavation, all classes, for sand trap;
(104) 1,700 c.y. backfill, compacted for sand trap;
(105) 3,700 c.y. concrete in sand trap;
(106) 460,000 lbs. fabricating and placing reinf. steel in sand trap;
(107) 140,000 lbs. furnishing and installing sand trap metal work;
(108) 15,000 lbs. installing misc. metal work;
(109) 13,000 ton-miles hauling steel;
(110) 55,000 ton-miles hauling cement;
(111) Overhaul of concrete aggregates fixed at 10c per c.y.-mile.

The total of the individual schedules and the grand totals of the bids are as follows:

(A) L. E. Dixon Co.—Sch. 1, $608,808.75; Sch. 2, $114,032.50; Sch. 3, $96,475.00. Grand total, $819,316.25.

(B) Wood & Bevanda—Sch. 1, $675,597.50; Sch. 2, $134,224; Sch. 3, $88,570; grand total, $898,391.50.

(C) Aqueduct Constr. Co.—Sch. 1, $704,135.40; Sch. 2, $127,060; Sch. 3, $93,655; grand total, $924,860.40.

(D) Three Companies, Inc.—Sch. 1, $736,884; Sch. 2, $128,123; Sch. 3, $104,646; grand total, $969,653.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.50	$ 2.50	$ 1.00	$ 6.00
(2)	.50	.40	.60	.60
(3)	1.50	1.75	1.50	1.80
(4)	.50	1.00	.26	.60
(5)	2.25	1.75	5.00	1.75
(6)	.75	1.00	.44	.40
(7)	1.50	1.75	1.64	3.00
(8)	1.00	2.00	1.90	4.00
(9)	2.00	2.00	1.90	4.00
(10)	.30	.40	.33	.60
(11)	5.00	1.75	2.00	4.00
(12)	1.00	1.00	.40	.60
(13)	3.00	1.75	2.00	4.00
(14)	12.00	20.00	20.00	10.00
(15)	.20	.25	.30	.20
(16)	.30	.40	.40	.20
(17)	2.50	3.00	1.80	1.50
(18)	.01	.01	.02	.01
(19)	.85	1.00	.60	1.00
(20)	1.00	1.00	1.00	1.00
(21)	1.50	1.50	1.00	2.00
(22)	11.00	12.00	11.00	12.00
(23)	15.10	16.00	18.00	18.00
(24)	9.16	7.00	8.30	10.00
(25)	14.00	12.50	21.00	22.00
(26)	9.27	12.00	12.00	14.00
(27)	.015	.015	.015	.015
(28)	.015	.015	.015	.015
(29)	.015	.015	.015	.015
(30)	.015	.015	.015	.02
(31)	.015	.015	.015	.015
(32)	.16	.20	.20	.20
(33)	.11	.12	.13	.16
(34)	.06	.07	.10	.10
(35)	4.30	6.00	4.00	4.50
(36)	4.30	10.00	4.00	4.00
(37)	.10	.09	.11	.13
(38)	.10	.12	.12	.14
(39)	.12	.12	.12	.14
(40)	.20	.15	.15	.20
(41)	.23	.30	.25	.35
(42)	.20	.30	25	.40
(43)	.12	.125	.132	.125
(44)	.14	.145	.16	.15
(45)	.17	.18	.16	.20
(46)	.115	.135	.13	.145
(47)	770.00	1,000.00	1,080.00	900.00
(48)	274.00	150.00	200.00	200.00
(49)	1.50	3.00	2.00	1.65
(50)	300.00	800.00	400.00	160.00
(51)	57.00	600.00	300.00	500.00
(52)	3.00	3.00	3.00	3.40
(53)	952.00	2,000.00	1,500.00	1,200.00
(54)	70.00	100.00	120.00	90.00
(55)	.15	.15	.15	.15
(56)	.18	.15	.15	.15

(57)	.25	.30	.30	.33
(58)	.16	.18	.16	.18
(59)	.21	.30	.23	.25
(60)	.22	.25	.34	.35
(61)	.50	.60	.50	.55
(62a)	.50	.60	.50	.50
(62b)	.40	.45	.34	.36
(62c)	.40	.45	.28	.30
(62d)	.35	.40	.28	.30
(62e)	.27	.32	.23	.25
(63)	.35	.40	.42	.45
(64)	.25	.30	.30	.35
(65)	57,806.00	69,000.00	72,675.00	73,000.00
(66)	15,209.00	25,000.00	22,400.00	25,000.00
(67)	10,000.00	12,000.00	15,000.00	14,000.00
(68)	1,700.00	2,500.00	2,545.00	2,400.00
(69)	7,047.00	9,000.00	12,800.00	14,500.00
(70)	.08	.08	.065	.06
(71)	.015	.06	.05	.04
(72)	.10	.10	.10	.10
	SCHEDULE 2			
(73)	.30	.40	.27	.40
(74)	.50	.40	.67	.40
(75)	.30	.40	.46	.40
(76)	1.50	1.75	1.25	1.60
(77)	.15	.25	.17	.16
(78)	.25	.25	.17	.16
(79)	1.25	1.00	3.50	1.60
(80)	.11	.25	.30	.20
(81)	.25	.25	.40	.23
(82)	.01	.01	.02	.01
(83)	.10	.08	.16	.15
(84)	.10	.08	.12	.15
(85)	11.00	10.00	12.90	14.00
(86)	13.00	14.00	18.50	17.00
(87)	13.00	14.00	12.80	9.50
(88)	17.50	14.00	20.00	20.00
(89)	15.00	14.00	20.00	16.00
(90)	.015	.01	.012	.015
(91)	.015	.01	.015	.015
(92)	.015	.01	.01	.015
(93)	.015	.01	.01	.015
(94)	.015	.01	.015	.015
(95)	.09	.08	.10	.10
(96)	1.40	1.50	1.80	1.35
(97)	2.35	3.00	3.25	2.50
(98)	.16	.20	.24	.20
(99)	.03	.03	.03	.035
(100)	.08	.08	.065	.06
(101)	.015	.06	.05	.04
(102)	.10	.10	.10	.10
	SCHEDULE 3			
(103)	.40	.30	.36	.31
(104)	.30	.40	.40	.28
(105)	14.00	15.00	13.00	15.50
(106)	.0075	.01	.01	.015
(107)	.12	.12	.12	.14
(108)	.03	.03	.03	.04
(109)	.08	.08	.065	.06
(110)	.015	.06	.05	.04
(111)	.10	.10	.10	.10

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

PLANNED

SAN DIEGO, Calif.—San Diego city council is studying plans, submitted by City Manager Flack, for a proposed police station and jail building to be built on Second Ave., San Diego, a WPA project. Cost of the building, to contain police quarters, court room, locker room and jail, estimated at $150,000.

Plans Completed

OFFIE BLDG. Cost, $35,000
STOCKTON, San Joaquin Co., Calif. Hazelton and B Streets.
One-story adobe brick and tile county office building.
Owner—County of San Joaquin.
Engineer—Julius B. Manthey, Courthouse, Stockton.
Mgr. of Const.—Austin E. Mahoney and Julius B. Manthey.
Project approved by the WPA.

BONDS VOTED

CARMEL, Monterey Co., Cal.—City of Carmel voted bonds in the amount of $12,000 March 3rd to finance construction of a two-story reinforced concrete fire station on Sixth Avenue between Mission and San Carlos in Carmel. Plans are being prepared by Architect Milton Latham, P. O. Box 1237, Carmel.

Total estimated cost of the building is $16,000. Project has been approved by the WPA.

(7363) 1st report July 9, 1935; 6th, March 5, 1936. 13

Preparing Working Drawings.

POLICE STATION Cost, $25,000
BURLINGAME, San Mateo Co., Calif. Burlingame Ave. near Park St.
One-story reinforced concrete Class C Police station; composition roofing, steam heating system, wood sash, etc.
Owner—City of Burlingame.
Architect — James H. Mitchell, 369 Pine St., San Francisco.
Application awaiting WPA approval.

Excavation Contract Awarded.

COURT HOUSE Cont. Price, $424,432
SALINAS, Monterey Co., Calif. Site of Old County Courthouse (Cayuga Street).
Three-story reinforced concrete fireproof courthouse (reinf. concrete foundations, steam heating plant, gas fired boilers, temperature control, composition roof, etc.)
Owner—County of Monterey.
Architect—Robert Stanton, Del Monte Hotel, Del Monte, and Chas. Butner, 51 Maple St., Salinas.
Engineer — Richard Ware, % Architect.
Mechanical Engineer—G. M. Simonson, 74 Montgomery St., San Francisco
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Excavation — Gunite Constr. Co., Watsonville.
Other awards will be made shortly.

CONTRACT AWARDED

SAN QUENTIN, Marin Co., Cal.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at $585 awarded contract by State Purchasing Department, Sacramento, for furnishing and installing two steel gates at the San Quentin Penitentiary.

14— RESIDENCES

Contract Awarded.

RESIDENCE Cost, $4000
SAN FRANCISCO. W Rhode Island St. S 25th St.
One-story and basement frame and stucco residence.
Owner—M. A. Bertram, 252 Texas St., San Francisco.
Architect—Not Given.
Contractor—Cicerone Co., 1101 Potrero Ave., Oakland.

Contract Awarded.

RESIDENCE Cost, $4500
SAN FRANCISCO. NW Cayuga St. 200 NE Santa Ynez St.
One-story and basement frame and stucco residence.
Owner—Chas. Blue, 1727 Felton St., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco.

Plans Being Prepared.

RESIDENCE Cost, $7000
FRESNO, Fresno Co., Cal. Elgarden Tract.
One-story frame and stucco residence (composition roofing, steel sash, roller screens, etc.)
Owner — Dr. W. L. Adams, Power Bldg., Fresno.
Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.

Contract Awarded.

RESIDENCE Cost, $14,000
PALO ALTO, Santa Clara Co., Calif. S Cowper St. and Washington Avenue.
Two-story frame and stucco residence
Owner—Chas. and Ruth Morse, 2245 Waverly St., Palo Alto.
Architect—Leslie I. Nichols, 532 Emerson St., Palo Alto.
Contractor—Wells P. Goodenough, 49 Wells St., Palo Alto.

Plans Being Prepared.

RESIDENCE Cost, $10,000
MENLO PARK, San Mateo Co., Calif.
Two-story and basement frame and stucco and brick veneer residence (9 rooms, 3 baths) wood shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Allan Sutter.
Architect—Conrad Kett, 519 California St., San Francisco.
Contractor—Paul Wolter, 72 Fernwood Drive, San Francisco.

Plans Being Prepared.

RESIDENCES Cost, $6000 each
SAN FRANCISCO. Monterey Heights
Eight one and one-half-story frame, stucco and brick veneer residences (5 rooms, 1 bath each) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder——Paul Wolter, 72 Fernwood Drive, San Francisco.

Architect—Conrad Kett, 519 California St., San Francisco.
Sub-bids will be taken in 1 week.

Plans Being Prepared.
RESIDENCES Cost, $6000 each
WHITE OAKS, San Mateo Co., Cal.
Four one and one-half-story frame and stucco residences (6 rooms, 1 bath, extra lavatory each); tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner — Paul Wolter, 72 Fernwood Drive, San Francisco.
Architect—Conrad Kett, 519 California St., Oakland.
Sub-bids will be taken in 1 week.

Sub-Bids Being Taken.
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 5614 Balboa Drive.
Two-story frame and stucco residence (seven rooms).
Owner—Paul A. Wolter.
Architect—Not Given.
Contractor—James Allen, 6718 Flora St., Oakland.

Plans Being Revised
RESIDENCE Cost, $——
PITTSBURG, Contra Costa Co., Calif.
1½-story frame and stucco residence (6 rooms) asbestos shingle roof, gas heating system, hardwood floors, tile bath).
Owner—E. H. Fischer, Pittsburg.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.

Contract Awarded
RESIDENCE Cost, $5,000
PALO ALTO, Santa Clara Co., Calif. 126 Lowell Avenue.
One - story and basement frame and stucco residence.
Owner—Edith W. Emerson.
Architect—Not Given.
Contractor — John Christiansen, 751 Webster St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $9,000
PIEDMONT, Alameda Co., Calif. 33 Monticello Avenue.
Two-story frame and stucco residence (seven rooms).
Owner—Martha Windsor, 928 Kingston Ave., Piedmont.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.

Contract Awarded
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. 640 Euclid Avenue.
Two-story frame and stucco residence (six rooms).
Owner—Louis B. Sands, 1521 Euclid Ave., Berkeley.
Architect — Michael Goodman, 2163 Center St., Berkeley.
Contractor—H. J. Schulz, 811 Mendocino Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. NW Geneva and Delano.
One - story and basement frame and stucco residence.
Owner—Martin L. Cuthbert, 940 Geneva Avenue.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford Street.

Contract Awarded
SAN FRANCISCO. W Lee, 225 ft. N Grafton.
One - story and basement frame and stucco residence.
Owner—McCarthy Co., 333 Kearny St.
Architect—Not Given.
Contractor—Aetna Const. Co., 238 Arleta.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
SAN FRANCISCO. NE 24th Avenue and Kirkham Street.
Two - story and basement frame and stucco residence.
Owner and Builder—Harry J. Layton, 1370 18th Avenue.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO W Lyell St. N Cayuga Street.
One-story and basement frame and stucco residence.
Owner and Builder — Wilhelm Fridstrom, 88 Lyell St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. W London St. S France Ave.
Two one-story and basement frame and stucco residences.
Owner and Builder—R. A. McAfee, 125 Vervantes Blvd., San Francisco.
Architect—Not Given.

Low Bidder.
RESIDENCE Cost, $4500
BERKELEY, Alameda County, Calif. Shasta Road.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Low Bidder—Skovmand & Lewis, 729 E-18th St., Oakland.

Plans Being Completed
RESIDENCE Cost, $——
WATSONVILLE, Santa Cruz Co., Cal.
One-story and basement frame and stucco residence (5 rooms) tar and gravel roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Bids will be asked in about one week.

Contract Awarded.
ALTERATIONS Cost, $6838
PIEDMONT, Alameda Co., Cal. No. 352 Palm Avenue.
Alterations to residence (add rooms, new plumbing, cement work, plastering, painting, hardwood flooring, etc.)
Owner—Sallie Kendall, Premises.
Architect—W. E. Milwain, 1503 Oakland Ave., Piedmont.
Contractor — Webb & Whalen, 2030 22nd Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN FRANCISCO. N Fulton St. E Thirty-third Ave.
Two-story and basement frame and stucco residence
Owner and Builder — A. T. Morris & Sons, 5400 Fulton St.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. W Twenty-second Ave. S Noriega Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—R. F. Galli, 377 West Portal Ave., San Francisco.
Plans by Owner.

Contract Awarded.
RESIDENCE Cost, $4500
SAN FRANCISCO. Alemany Blvd. & San Juan Ave.
One-story and basement frame and stucco residence.
Owner — McCarthy Co., 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor — Aetna Conctr. Co., 238 Arleta St., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Calif. 298 Indian Road.
Two-story frame and stucco residence (eight rooms).
Owner and Builder—Edward Larmer, 90 Fairview, Piedmont.
Architect—Not Given.
Plumbing—Madden Plbg. & Htg. Co., 3121 San Pablo Ave., Oakland.
Electric Wiring — F. W. Parkhurst, 6432 Pinehaven Road, Oakland.
Brick Work—Gardner Marshall, 3142 High St., Oakland.
Lathing and Plastering—A. Cardoni, 5244 Lawton Ave., Oakland.
Lumber—Loop Lbr. Co., 2001 Broadway, Alameda.
Steel Sash—Fenestra Const. Co., 63rd and Doyle, Oakland.
Concrete—Frank Salamid, 5350 Manila, Oakland.
Flooring—Rex Floor Co., 2468 65th Avenue, Oakland.
Reinforcing Steel — Beatle Steel Co., 1650 32nd St., Oakland.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, 1415 Barrows Road.
One-story frame and stucco residence (5 rooms).
Owner—East Bay Investment Co., Financial Center Bldg., Oakland.
Architect—Chester Trelchel, 696 Cleveland Ave., Oakland.
Contractor—H. Nelson, Financial Center Bldg., Oakland.

Contract Awarded
RESIDENCE Cost, $4,000
OAKLAND, 5211 Bond Street.
One-story frame and stucco residence (5 rooms).
Owner—R. E. Reed, 5215 Bond Street, Oakland.
Architect—not given.
Contractor—Boulevard Builders, 3720 Foothill Blvd., Oakland.

Preparing Preliminary Plans.
RESIDENCE Cost $5,000
BERKELEY, Ala. Co., Calif., Arch St.
One-story rustic residence (5 rooms), tar and gravel roof, gas heating system, wood sash, etc.
Owner—Name withheld.
Architect—George P. Simonds, 192 Main St., Hayward.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. S Palou St. 225 E Phelps Street.
One-story and basement frame and stucco residence.
Owner and Builder—T. R. Sharman, 1800 Quesada St., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $7000
HAYWARD, Alameda Co., Calif.
Two-story frame and stucco residence (7 rooms), shake roof, steel sash, hardwood floors, gas heating system
Owner—D. Scribner.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—George Lund, 21696 Montgomery Ave., Hayward.
Plumbing—J. Simons, Hayward.
Electric Wiring—Barnum Electric Co. Hayward.
Heating—H. F. Clear, Hayward.
Sheet Metal—Ray Peterson, Niles.
Tile Work—Al Moir, Hayward.
Glass—Hayward Mill & Lumber Co., Hayward.
Iron Grill Work — California Ornamental Iron & Fence Co., 835 8th Ave., Oakland.
Brick Work — Harold B. Petterson, Hayward.
Lathing and Plastering—Barger and Barger, Hayward.

Lumber—Hayward Mill & Lumber Co., Hayward.
Steel Sash—Gleason Steel Prods. Co., Emeryville.
Wood Sash—Hayward Mill & Lumber Co., Hayward.
Painting—Sam Anderson, Hayward.

Preliminary Estimates Being Taken.
RESIDENCE Cost, $12,000
SAN FRANCISCO. Germain Ave. W Twin Peaks Blvd.
Two-story frame and stucco residence
Owner—L. H. Nishkian.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Contract Awarded
RESIDENCE Cost, $8,000
REDWOOD CITY, San Mateo Co., Cal. 1021 Edgewood Road.
Two-story frame and stucco residence (7 rooms, 2 baths).
Owner—Dr. R. F. Monhelth.
Architect—Not Given.
Contractor—San Mateo Inv. Co., 2562 S. El Camino Real, San Mateo.

Contract Awarded
RESIDENCE Cost, $5,000
MENLO OAKS, San Mateo Co., Calif. Berkeley Avenue.
One - story and basement frame and stucco residence.
Owner—W. S. Brown.
Architect—Not Given.
Contractor—R. C. Knight, 495 Bailey Ave., Mt. View.

Plans Being Completed
RESIDENCE Cost, $——
PORTERVILLE, Tulare Co., Calif.
Two-story frame residence (9 rooms, two baths) Colonial type, redwood siding exterior, wood shingle roofing, wood sash, hardwood and pine floors, tile baths, tile mantel, oil burning unit furnace, etc.
Owner—A. T. Warden.
Architect—Arthur L. Acker, 1345 S. Sycamore Ave., Los Angeles.

Contract Awarded
RESIDENCE Cost, $12,000
SAN FRANCISCO. Sherwood Forest.
Two - story and basement frame and stucco residence.
Owner—Dr. and Mrs. J. D. Delprat, 2005 North Commerce Street.
Architect—Miller & Pflueger, 580 Market Street.
Contractor—G. P. W. Jensen, 320 Market Street.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 5876 St. Paul Court.
One - story and basement frame and stucco residence (six rooms).
Owner—Edith Roche.
Architect—Not Given.
Contractor—Fred T. Dooley, 3936 Vale Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 274 Orange Street.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—Hufschmidt and Whalen, 337 17th St., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,200 each
SAN FRANCISCO. W 30th Avenue N Rivera Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—Elmer R. Spinden, 160 Russ Street.
Architect—C. O. Clausen, 746 46th Avenue.

Plans Being Prepared.
RESIDENCE Cost, $6000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame residence (6 rooms, 2 baths) Redwood siding, shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.)
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be asked in about 2 weeks

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 3245 Florida Street.
Two-story frame and stucco residence (6 rooms).
Owner—A. B. Leekins, 4181 Moraga Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
SANTA CRUZ, Santa Cruz Co., Cal. 550 Escalona Drive.
One-story frame and stucco residence
Owner — Dr. W. L. Stanley, Santa Cruz.
Plans by A. O. Smith.
Contractor—L. F. Sayre, 15 N. Seabright Ave., Santa Cruz.

Contract Awarded.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. No. 2329 Eunice Street.
Two-story frame and stucco residence (6 rooms).
Owner—Dr. H. Lambert, 1441 Milvia St., Berkeley.
Architect—Not Given.
Contractor—Leslie C. Dawe, 449 Coventry Road, Oakland.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
ALAMEDA, Alameda Co., Cal. No. 1555 Verdi Street.
Alterations to frame residence.
Owner and Builder—M. Stulsaft, 365 Bush St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Twenty-first Ave. S Moraga St.
One-story and basement frame and stucco residence.
Owner and Builder — John Beck, 500 Leavenworth St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Twenty-sixth Ave. S Kirkham Street.
One-story and basement frame and stucco residence.
Owner and Builder—John McDonough, 1280 19th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $2000
ALAMEDA, Alameda Co., Cal. No. 835 Portola Avenue.
Alterations to residence.
Owner—J. Marquart, 1541 Santa Clara Ave., Alameda.
Archfitect—Not Given.
Contractor—L. S. Dawson, 1972 Tiffin Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
ALAMEDA, Alameda Co., Cal. No. 2960 Southwood Drive.
One-story and basement frame and stucco residence (6 rooms).
Owner—Irma Flannigan, Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1378 Alameda Ave., Alameda.

Sub-Bids Wanted.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Thirty - third Ave. S Vicente Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—Henry Horn, 170 Upland Drive, San Francisco.
Architect—Not Given.
Lumber—Smith Lumber Co., 4th and Channel Sts., San Francisco.
Sub-bids are wanted on the following:
Roofing, plumbing, electric wiring, heating, sheet metal, tile work, glass, brick work, lathing and plastering, wood sash, hardware, painting, concrete, flooring and window shades.

Sub-Contracts Awarded.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. No. 2150 Cowper Street.
Two-story rustic and brick residence.
Owner—Chas. P. Morse, 2243 Waverly St., Palo Alto.
Architect—Leslie Nichols, 532 Emerson St., Palo Alto.
Contractor—Wells P. Goodenough, 49 Well St., Palo Alto.
Roofing—W. L. Davis, Palo Alto.
Plumbing—H. P. Hansen, Palo Alto.
Electric Wiring—Erskin Electric Co., Redwood City.
Heating—C. B. Spangler, Palo Alto.
Tile — Berthman Tile Co., Redwood City.
Brick Work—L. Libaza, San Jose.
Lathing and Plastering—R. W. Alberson, Palo Alto.
Mill Work and Lumber—Pacific Mfg. Co., Santa Clara.
Sheet Metal — C. B. Spangler, Palo Alto.
Painting—Kidder Bros., Palo Alto.
Flooring — Heilberg Floor Co., Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. No. 236 Florence Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder — A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCES Cost, ——
CARMEL, Monterey Co., Cal. Lincoln Street and Tenth Avenue.
Two one-story frame and stucco residences (composition roof, plaster interior, etc.)
Owner—Mr. and Mrs. James H. Thoburn, Carmel.
Architect—Not Given.
Contractor—John Williams, P. O. Box 1693, Carmel.
Roofing—John Williams, Carmel.
Plumbing — Anderson - Dougherty - Hargis, Carmel.
Electric—Jack Belvail, Carmel.
Heating—Anderson-Dougherty-Hargis, Carmel.
Tile Work—Tynan Lbr. Co., Salinas
Brick Work—Harry Turner, Carmel.
Lathing and Plastering—Geo. Turner, Pacific Grove.
Wood Sash—Work Lumber Co., Monterey.
Painting—George Stevens, Monterey
Concrete—John Williams, Carmel.

Plans Being Prepared.
RESIDENCE Cost, $——
CARMEL, Monterey Co., Calif.
One-story frame residence (5 rooms, 2 baths) Cape Cod style.
Owner—Dr. Anderson.
Architect—Milton Latham, P. O. Box 1257, Carmel.
Bids will be asked in about 1 week.

Contract Awarded
RESIDENCE Cost, $13,000
SAN JOSE, Santa Clara Co., Calif. S Hedding St. between Park and Chapman Streets.

Two - story and basement frame and stucco residence.
Owner—Paul L. Lion, San Jose.
Architect — Ralph Wyckoff, Anglo Bank Bldg., San Jose.
Contractor—J. S. Newell, 838 Minnesota Ave., San Jose.

Plans Completed
BUNGALOW COURT Cost, $3,000 ea.
BERKELEY, Alameda Co., Cal. North of University of California.
Fourteen one - story frame and stucco residences (four rooms each) shake roof, wood sash, floor furnaces, hardwood floors, etc.
Owner and Builder—B. Reininghaus, 1057 Ordway St., Berkeley.
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCE Cost, $——
MONTEREY, Monterey County, Cal. Monte Regio Tract.
One - story frame anad stucco residence (hand-split redwood clapboard roofing, redwood block flooring, air conditioning system, etc.)
Owner—Miss Anita Huntley, Monterey
Plans by Mr. Comstock.
Contractor—Hugh W. Comstock, P. O. Box 533, Carmel.
Roofing—Hugh. W. Comstock, Carmel.
Plumbing and Sheet Metal—Anderson-Dougherty-Hargis Co., Carmel.
Electric Wiring—Dan Searle, Monterey.
Heating—Carmel Building Specialties Co., Carmel.
Lathing and Plastering—Geo. J. Turner, Pacific Grove.
Lumber—M. J. Murphy, Inc., Carmel.
Wood Sash—Work Lumber Co., Monterey.
Hardware—Carmel Building Specialties Co., Carmel.
Concrete—Hugh W. Comstock, Carmel
Flooring—E. G. Finn Hardwood Floor Co., Watsonville.
Reinforcing Steel—Carmel Bldg. Specialties Co., Carmel.

Contract Awarded
RESIDENCE Cost, $4200
FAIRFAX, Marin Co., Calif.
One-story frame and stucco residence (4 rooms) wood sash, shake roof, hardwood floors, probably electric heating system, pine floors, tile baths, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Contractor—Parson & Williams, 2268 80th Ave., Oakland.

RESIDENCE Cont. price $40,280
SAN FRANCISC, Pacific Ave. and Pierce Street.
Three-story frame, stucco and brick veneer residence.
Owner—Mortimer Fleishhacker.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Lindgren & Swinerton, 225 Bush Street.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. E Twenty-ninth Ave. 75 S Cabrillo Street.
One-story and basement frame and stucco residence.
Owner and Builder—T. E. Mohler, 751 28th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $3500
STOCKTON, San Joaquin Co., Calif. No. 1811 So. California Street.
One-story rustic residence (5 rooms).
Owner—Charles Lencioni.
Architect—Not Given.
Contractor — Carl Nelson, 1421 E. Channel St., Stockton.

Contract Awarded.
RESIDENCES Cost, $5000 each
MILLBRAE, San Mateo Co., Calif. Magnolia and La Cruz Avenue.
Three one-story and basement frame and stucco residences.
Owner—Gus Moeller.
Architect—Not Given.
Contractor—H. Christensen, 1122 27th Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $4,500
SAN FRANCISCO. NW Persia and Vienna Streets.
One - story and basement frame and stucco residence.
Owner—Pete Rodriguez, 446 Athens.
Architect—Not Given.
Contractor—A. De Benedetti & Son, 100 Brazil Street.

Contract Awarded.
RESIDENCE Cost, $4325
MENLO OAKS, San Mateo Co., Cal.
One-story frame and stucco residence
Owner—W. S. Brown et al.
Architect—Not Given.
Contractor — Ralph C. Knight, Mt. View.

Contract Awarded.
RESIDENCE Cost, $4254
ATHERTON, San Mateo Co., Calif. Selby Tract.
One-story frame and stucco residence.
Owner—Clinton F. Grant et al, Menlo Park.
Architect—Leslie I. Nichols, 532 Emerson St., Palo Alto.
Contractor — Ralph C. Knight, Mt. View.

Being Done By Day's Labor.
RESIDTNCE Cost, $5000
ARBUCKLE, Colusa Co., Calif. 2¾ miles east of Arbuckle.
One-story and attic residence (4 rms.) space in attic for two additional rooms in future; frame and wood finish, shingle roof, hot air heating system, hardwood floors, etc.
Owner—Thomas Mayhew, San Francisco.
Architect—O. A. Johnson, Sir Francis Drake Hotel, San Francisco.

Sub-Bids Wanted
RESIDENCES Cost, $4,000 each
REDWOOD CITY, San Mateo County, Cal. One mile south on Bayshore Highway.
Five one - story and basement frame stucco residences (5 rooms each).
Owner and Builder—Friend Realty Co. 625 Market St., San Francisco.
Architect—Not Given.
Sub-bids are wanted on all portions of the work, including bids for 22,000 square yards of macadam roadwork.

Contract Awarded
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 1126 Miller Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner—H. Beeston, 2321 Dwight Way, Berkeley.
Architect—J. B. Anthony, 1911 Oxford St., Berkeley.
Contractor—S. M. Shapero, 1749 Arch St., Berkeley.

Contract Awarded
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif. 915 Keeler Avenue.
Two-story frame and stucco residence (six rooms).
Owner—G. E. Rife, 1226 Monterey Ave. Berkeley.
Architect—Not Given.
Contractor—M. S. Bonds, 583 Spruce St., Berkeley.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 1632-1634 Cypress Street.
Two-story frame and stucco residence and store (six rooms).
Owner—A. Zunino.
Architect—Not Given.
Contractor—Joe Benassini, 650 51st St. Oakland.

To Be Done By Day's Work.
RESIDENCES Cost, $6000 each
SAN FRANCISCO. W Laguna Honda N Rockaway.
Two two-story and basement frame and stucco residences.
Owner and Builder—J. V. Campbell, 849 Laguna Honda, San Francisco
Architect—S. A. Colton, 544 Market St., San Francisco.

Contract Awarded
RESIDENCES Cost $6,000 ea.
OAKLAND, 3939-3945 Oakmore Road.
Two 2-story frame and stucco residences (6 rooms each).
Owner—East Bay Investment Co., Financial Center Bldg., Oakland.
Architect—Chester Treichel, 696 Cleveland.
Contractor—H. Nelson, Financial Center Bldg., Oakland.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, 39 Glackford Court.
One-story and basement frame and stucco residence (6 rooms).
Owner—Kenneth C. Bugbee, 5467 Locksley St., Oakland.
Architect—not given.
Contractor—Albert Hammarberg, 2430 Hilgard St., Berkeley.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO, No. 41 Walnut Street.
Alterations to residence.
Owner—A. S. Glekburg, Premises.
Plans by Conrad Kett, 519 California St., San Francisco.
Contractor—Paul A. Wolter Jr., 70 Fernwood St., San Francisco.

Plans Being Completed
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Cal. Oakmore Manor.
Two - story frame, stucco and brick veneer residence (7 rooms and 2 baths) shingle roof, gas heating system, hardwood floors, tile baths steel sash, etc.)
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Bids will be asked within a few days.

Plans Being Completed.
RESIDENCE Cost, $11,000
PIEDMONT, Alameda Co., Cal. Scenic Avenue.
Two-story frame and stucco residence (10 rooms, 6 baths) shingle roof. gas heating system, oak plank floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in one week.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. W 43rd Avenue S Balboa Street.
Two one - story and basement frame and stucco residences.
Owner and Builder — Herman Christensen, 1422 27th Avenue.
Architect—C. O. Clausen, 746 46th Ave.

To Be Done By Day's Work
RESIDENCE Cost, $5,500
SAN FRANCISCO. E 26th Avenue S Ocean Avenue.
One - story and basement frame and stucco residence.
Owner and Builder—Jas. W. McCabe, 716 Ulloa Street.

Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 6008 Chelton Drive.
Two-story frame and stucco residence.
Owner—M. A. Yewdall, 2639 Dana St., Berkeley.
Architect—Not Given.
Contractor—W. P. Johnson, 2649 Dana St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $5000
PALO ALTO, Santa Clara Co., Cal. No. 2533 Waverly Street.
One-story and basement frame and stucco residence.
Owner—Bert and M. Edelman.
Architect—Not Given.
Contractor—Arthur A. Smith, 130 Byron St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $9,570
MILL VALLEY, Marin Co., Calif.
Two-story frame and stucco residence
Owner—George C. Goheen, Mill Valley.
Architect—Conrad T. Kett, Clunie Bldg., San Francisco.
Contractor—Jos. Childs, 17 Carmelita Ave., Mill Valley.

Contract Awarded
RESIDENCE Cost, $7,000
SACRAMENTO, Sacramento Co., Cal. 1500 12th Avenue.
Two-story frame and stucco residence
Owner—Bert Neville, 530 36th Street, Sacramento.
Architect—Not Given.
Contractor—Giles Johnson, 1923 17th St., Sacramento.

Owner Taking Bids
RESIDENCE Cost, $8,000
RENO, Nevada.
Two-story frame, stucco and brick vener residence (shake roof, gas heating system, hardwood floors, steel sash, tile baths, etc.)
Owner—Frank Gregory, 129 N Virginia St., Reno.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contract Awarded
RESIDENCE Cost, $13,000
PALO ALTO, Santa Clara Co., Calif. 1415 Cowper Street.
Two-story brick residence.
Owner—Dr. Ephriam Weiss, 920 Larkin St., San Francisco.
Architect—John K. Branner, 210 Post St., San Francisco.
Contractor—Carl Walstrom, 1447 Excelsior St., Oakland.

Plans Being Completed
RESIDENCE Cost, $8,000
SACRAMENTO, Sacramento Co., Cal. Forty-fourth Street.
Two-story frame and stucco residence (6 rooms, 2 baths) tile roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—G. M. Hauck.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Bids will be asked within a few days.

Contract Awarded.
RESIDENCE Cost, $3000
PALMOR PARK, San Mateo Co., Cal.
One-story frame and rustic residence
Owner—Chas. C. Plaine.
Architect—Not Given.
Contractor—C. H. Beckman, Scenic Drive, Redwood City.

Contract Awarded.
RESIDENCE Cost, $2500
SAN CARLOS, San Mateo Co., Calif.
One-story frame and stucco residence
Owner—Sara E. Moseback.
Architect—Not Given.
Contractor — J. J. Binet et al, 633 Masonic Ave., San Francisco.

Preparing Preliminary Plans
RESIDENCE Cost, $7,000
REDWOOD CITY, San Mateo County.
Two-story frame and stucco residence
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contract Awarded.
RESIDENCES Cost, $1500 each
SAN FRANCISCO. W Alemany Blvd. S Santa Rosa Ave.
Two one-story and basement frame and stucco residences.
Owner—L. DePaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave, San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 1058 Sierra Street.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—Frank Stokes, 275 Hass Ave., San Leandro.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 580 Euclid Avenue.
Two-story frame and stucco residence (seven rooms).
Owner and Builder—Hans P. Christensen, 2726 Grove St., Berkeley.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 734-736 Beatie Street.
One - story and basement frame and stucco 2-family residence (seven rooms).
Owner and Builder—F. S. Taylor, 1622 Harrison St., Oakland.
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 1642 Shasta Avenue.
Two-story frame and stucco residence (seven rooms).
Owner—H. W. Ring, 1249 Shasta Ave., San Jose.
Architect—Not Given.
Contractor—J. E. Perkins, 1664 East Santa Clara St., San Jose.
Plumbing—William Ehlert.
Electric Wiring—Russell Electric Co.
Sheet Metal—William Ehlert.
Tile Work—Melvin Tile Company.
Iron Grille Work—Celling Iron Works.
Brick Work—Frank Filben.
Lathing and Plastering—Victor Plummer.
Lumber—Glenwood Lumber Company.
Wood Sash—Pacific Mfg. Co., Santa Clara.
Hardware—San Jose Hardware Co.
Painting—Carry Soos.
Concrete—J. B. Sisco.
Reinforcing Steel—San Jose Hardware Company.
All of San Jose.

15— SCHOOLS

BIDS OPENED
GLENDALE, Los Angeles Co., Cal. —T. A. Rucker, 1012 S. Adams St., Glendale, submitted low bid to Los Angeles board of education at $4632, for painting and miscellaneous work on the auditorium, classroom annex and administration building at John H. Francis polytechnic high school, 400 W. Washington Blvd. Other bids were: Jack Ewins, $4,700; H. J. McKinley, $4750; Harry Wasserman, $4,921; D. Zelinsky & Sons, $5452; Wm. Gelfan, $5570; J. P. Carroll, $5649; Klass Bros., $5650; Patterson Bros., $6487.

CONSTRUCTION TO START SHORTLY
LAS VEGAS, Nev.—G. K. Thompson, 2404 W 7th St., Los Angeles, will start work this week on erection of a classroom building and a gymnasium on the Fifth Street school site, Las Vegas, for the Las Vegas Union School District, a PWA project. The contract, which amounts to $191,239, was awarded in January. O. K. Plbg. Co., Las Vegas, awarded subcontract for plumbing and Gelber Electric Co., Las Vegas, a subcontract for the electrical work. Orville Clark, 369 North Ridgewood Place, Los Angeles, architect.

PREPARING PLANS
YUMA INDIAN RESERVATION, Ariz.—Architects Mayers, Murray and Phillips, 2 W 47th St., New York City are preparing plans for a new school building to be erected on the Yuma Indian Reservation, Imperial County, for the Interior Department, a PWA project The building will contain 3 regular classrooms, one special classroom, dining room, cafeteria, kitchen, shops and toilet rooms. It will have concrete block walls and a structural frame of reinforced concrete. Cost, $80,000.

BIDS WANTED
PASADENA, Cal.—Until April 7, 11 A. M., bids will be received by the Pasadena board of education for the construction of Horace Mann building at the Pasadena Junior College site. Plans and specifications may be obtained at 320 E. Walnut St., Pasadena, upon deposit of $25. Will be a 2-story reinforced concrete building to contain 70 classrooms, etc. Cyril Bennett, 311 First Trust Bldg., Pasadena, architect.

BIDS OPENED
LOS ANGELES, Cal.—Jack Ewins, 10,385 Almayo Ave., submitted low bid to the Los Angeles board of education at $1850 for painting and miscellaneous work on Bldg. No. 1 at Second Street school, 1042 E. Second St. Other bids were: W. G. Thompson, $2187; D. Zelinsky & Sons, $2550; Harry Wasserman, $2564; J. P. Carroll Co., $2589; T. A. Rucker, $2687; Wm. Gelfan, $2700; H. J. McKinley, $2800; Klaas Bros., $2841; Patterson Bros., $2937; L. W. Odell, $3475; H. F. Thedinga, $2697.

BIDS OPENED
LOS ANGELES Cal.—W. G. Thompson, Stowell Hotel, submitted low bid to Los Angeles board of education at $2417, for painting and miscellaneous work on the north and west buildings at Lorena Street school, 1015 S. Lorena St. Other bids were: Jack Ewins, $2665; Klass Bros., $3200; D. Zelinsky & Sons, $3232; H. F. Thedinga, $3370; J. P. Carroll Co., $3519; Harry Wasserman, $3,534; Wm. Gelfan, $3590; T. A. Rucker, $3600; H. J. McKinley, $3900; Patterson Bros., $4480; Geo. F. Tondro & Son, $4800.

BIDS WANTED
LOS ANGELES, Cal.—Until March 26, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for painting and miscellaneous work at the following schools: Gulf Avenue, Wilmington, main building, cost, $3500; Leland Street, San Pedro, main building, cost $4000; Orange St., Lomita, main building, cost, $3,000; Wilmington Park, Wilmington, main building, cost $5500; Torrance High, Torrance, main & shop building, cost, $6750.

BIDS WANTED

LOS ANGELES, Cal.—Until March 25, 2 P. M., new bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a one-story building (Unit No. 2) to be erected at 61st St. school, 6050 S. Figueroa St. Cost, $59,500. A. S. Nibecker, Jr., architect, 1425 South San Pedro St.

Plans Awaiting Approval

MANUAL TRAINING SHOP Cost, $——

MONTEREY, Monterey Co., Cal. Pacific Street.

One - story fireproof manual training shop (forge).

Owner — Monterey Elementary School District.

Architects—Roland Stringham and John Evers, 525 Market St., San Francisco.

Plans have been forwarded to the Monterey Elementary School District for approval.

Plans Approved

SCHOOL Cost, $20,000

BAKERSFIELD, Kern Co., Cal. Lincoln School Grounds.

One-story health school (frame and stucco construction) large clinic and rest room, two classrooms, showers and dressing roms, etc.

Owner—Bakersfield School District.

Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.

Application filed with the WPA.

Bids Opened

REHAB. SCHOOL Cost, $8,000

LIVERMORE, Alameda Co., Calif.

Rehabilitation of the Livermore High School.

Owner—Livermore High School Dist.

Structural Engineer—Harold B. Hammill, 381 Bush St., San Francisco.

Complete bids follow:

Structural Steel

Schrader Iron W'ks, 1247 Harrison St., San Francisco....$6,958.68

Bethlehem Steel Co., S. F..... 7,100.00

Judson Pacific Co., S. F..... 7,324.00

Reinforcing Steel

W. S. Wetenhall, 17th & Wisconsin Sts., S. F.....$5,178.00

Bethlehem Steel Co., S. F..... 5,343.00

W. C. Hauck & Co., S. F..... 5,487.00

Soule Steel Co., S. F..... 5,500.00

Gunn, Carle & Co., S. F..... 5,523.00

Lumber

Diamond Match Co., Chico (contract awarded) $2,301.50

E. K. Wood Lbr. Co., Oakland 2,380.00

Loop Lumber Co., Oakland..... 2,510.00

Eureka Mill Lbr. Co., Oakland 2,515.00

Structural steel and reinforcing steel bids held under advisement for a few days.

Bids Wanted—To Close March 30th, 2 P. M.

GYMNASIUM Cost, $——

MODESTO, Stanislaus County, Calif. Roosevelt Elementary School .

Construct portion of boys' gymnasium at Roosevelt Elementary School.

Owner—Modesto City School District.

Architect—J. J. Donovan, 950 Parker St., Berkeley.

Plans and specifications may be obtained at the office of the Board of Education, Modesto, E. D. Abbott, Secretary, and from the Architect upon deposit of $15.00.

BIDS OPENED

LOS ANGELES, Cal.—Karl H. Herweg, 716 N. Fuller Ave., submitted low bid to Los Angeles board of education at $1139 for painting and miscellaneous work on shop buildings at Jacob Riis high school, 139 W 69th St. Other bids were: H. F. Thedinga & Co., $1680; Henry Wasserman, $1700; Klaas Bros., $1784; Wm. Gelfan, $1830 J. P. Carroll Co., $1880; H. J. McKinley, $2100; T. A. Rucker, $2397.

Plans Being Prepared.

ADDITIONS Cost, $15,000

AUBERRY, Fresno Co., Calif.

Additions to high school (frame and stucco construction (locker rooms, dressing rooms, boiler room, additions to gymnasium and stage, etc.

Owner — Sierra Union High School District.

Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.

TO ASK BIDS

WASCO, Kern Co., Calif. — Wasco School District will call for bids next month for a library and a storeroom to be built as an addition to the present main elementary school bldg. in Wasco. It will cost approximately $4,000.

CONTRACT AWARDED

PASADENA, Cal.—Wm. C. Crowell, 495 E Broadway, Pasadena, awarded general contract at $89,650 for construction of a six-story and basement reinforced concrete school of the theatre building on El Molino St. between Colorado and Green Sts., Pasadena, for the Community Play House Assn. Cyril Bennett, 3211 First Trust Bldg., Pasadena, architect.

LOW BIDDER

FALLBROOK, San Diego Co., Cal. —J. R. Lippincott, 4344 S. Arlington St., Los Angeles, submitted low bid to Fallbrook Union High School District at $63,590, for the construction of a steel and concrete gymnasium and cafeteria building at Fallbrook, a PWA project. H. Louis Bodmer, 4001 Illinois St., San Diego, architect.

CONTRACT AWARDED

LONE PINE, Inyo Co., Cal.—Lone Pine Lumber & Supply Co., Lone Pine, at $4037.50 awarded contract for lumber, cement, lath, plaster, steel sash and celotex by the Lone Pine Union High School District.

Plans prepared by Architect Orville L. Clark, 369 North Ridgewood Place, Los Angeles.

Preparing Preliminary Sketches.

RECON. SCHOOL, ETC. $60,000

SAN LEANDRO, Alameda Co., Calif.

Reconstruction of existing unit and completion of scheme of Roosevelt School.

Owner—San Leandro School District.

Architect — George Klinkhardt, Bank of America Bldg., Oakland.

Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Plans Being Prepared.

ALTERATIONS Cost, $20,000

MILL VALLEY, Marin Co., Calif.

Alterations to Old Mill School.

Architect—Walter Falch, Hearst Bldg. San Francisco.

Bids will be asked in thirty days.

Contract Awarded.

RECONST. SCHOOL Cont. Price, $111,917

ALAMEDA, Alameda Co., Cal. No. 2130 Central Avenue.

Reconstruction of high school auditorium and gymnasium.

Owner—Alameda City School District.

Architect—Carl Werner, 1303 Bay St., Alameda.

Structural Engineers—L. H. Nishkian, 525 Market St.; Harold Hammill, 381 Bush St., and Harold Russel, Pacific Bldg., San Francisco.

Contractor—A. Nelson, 242 Ocean Ave. San Francisco.

Contract Awarded.

SCHOOL.... Cont. Price, $27,370

TRUCKEE, Nevada Co., Calif.

One-story frame and stucco elementary school (3 classrooms and auditorium).

Owner—Truckee School District.

Architect—Masten & Hurd, 233 Post St., San Francisco.

Contractor—H. L. Petersen, 731 Treat Ave., San Francisco.

Complete bids published Feb. 25.

Bids Wanted — To Close March 31, 2:00 P. M.

ADMINISTRATION BUILDING Cost, $125,000

FRESNO, Fresno Co., Cal. Mariposa and O Streets.

Two-story reinforced concrete school administration building.

Owner—Fresno School District.

Architect—Allied Architects of Fresno

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans and specifications may be obtained from the clerk of the board.

Bids will be opened in the Holland Bldg., Fresno.

CONTRACT AWARDED

WHITTIER, Los Angeles Co., Cal. —W. R. Ware, 720 S Painter Avenue, Whittier, awarded contract by Whittier Union High School District, at $43,500 for reconstructing the cafeteria building at Whittier high school, a PWA project. The work will consist principally of reinforcing the present brick structure with a steel frame. R. L. Warren, 119 Emporium Building, Whittier, architect.

Commissioned To Prepare Plans

COLLEGE BLDG. Cost, $30,000

SANTA ROSA, Sonoma Co., Cal. Santa Rosa Junior College Campus.

One-story frame and brick veneer domestic science and commercial building (4th unit) flat tile roof.

Owner—Santa Rosa Junior College District (Floyd Bailey, President) Santa Rosa.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

BIDS WANTED

LOS ANGELES, Cal.—Until Mar. 25 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., Los Angeles, for a one-story, reinforced concrete assembly hall (78x150 ft.) to be erected at Alexander Hamilton high school, 2955 Robertson Blvd., West Los Angeles. Cost, $93,000. John C. Austin and Frederic M. Ashley, architects, and G. H. Schulte, 6th floor, Chamber of Commerce Bldg. Los Angeles, structural engineer; R. E. Phillips, 816 W Fifth St., Los Angeles, merchanical engineer; C. A. Sanborn & Co., 357 S Hill St., Los Angeles, electrical engineer.

FUNDS ALLOTTED

NEAR REDONDO BEACH, Los Angeles Co., Calif.—The PWA has authorized a grant in the sum of $57,500 for labor and materials to be used in the construction of a one-story building at Grant school, North Redondo Beach, for the Redondo Beach School District. Cost, $85,000. The district will furnish the balance of the cost, amounting to $27,500, out of current funds. Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles architects.

Plans Being Completed.

SHOWER ROOMS Cost, $8000

HOLLISTER, San Benito Co., Calif.

One-story frame shower room building at High School.

Owner — San Benito County High School District.

Architect—W. H. Weeks, 595 Market St., San Francisco.

Bids will be asked shortly.

BIDS WANTED

LOS ANGELES, Cal.—Until March 27, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for painting and miscellaneous work at the following schools: Fifteenth St., 1527 Mesa St., San Pedro, Bldg. No. 1, cost, $5000; Fries Ave., 1301 Fries Ave., Wilmington, Bldg. No. 1, estimated cost, $3400; Point Fermin, 3333 Kerckhoff Avenue, San Pedro, main building less auditorium section and east building, cost $4200; Torrance elementary, corner 220th and Martina Sts., Torrance, main building, cost $6-000.

CONTRACT AWARDED

SANTA MARIA, Santa Barbara Co., Calif.—F. C. Stolte Co., San Simeon, awarded contract by Santa Maria Union High chool District, at $51,450, for construction of a junior college building, consisting of a first unit and science wing, in Santa Maria, a PWA project. The building will be a wood frame and stucco structure with tile and composition roofing, unit heat, etc. E. Keith Lockard, 117 E. De la Guerra, Santa Barbara, Architect. 15

BIDS OPENED

LOS ANGELES, Calif.—H. F. Thedinga & Co., 6305 Garvanza Ave., submitted low bid to Los Angeles board of education at $1085, for painting and miscellaneous work at the Brockton Avenue school, 1300 Brockton Ave., West Los Angeles. Other bids were: J. P. Carroll Co., $1181; William Gelfan, $1210; D. Zelinsky & Sons, $1334 Klaas Bros, $1354; H. J. McKinley,

BIDS OPENED

LOS ANGELES, Calif. — Patterson Bros., 573 Santa Rosa Ave., Oakland, submitted low bid to Los Angeles board of education March 13, at $3795, for painting and miscellaneous work at the Figueroa Street school, 11,115 S. Figuroa St. Other bids were: H. J. McKinley, $3900; D. Zelinsky & Sons, $3962; William Gelfan, $4370; J. P. Carroll Co., $4529; Klaas Bros., $4639.

BIDS WANTED

LOS ANGELES, Cal.—Until March 27, 2:00 P. M, bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for reconstruction, strengthening and rehabilitation of the main brick building at Yorkdale school, 5657 Meridian St. Cost, $56,200. C. K. Denman, 422 Washington Bldg., architect, and Stephenson B. Barnes, 803 W Third St., structural engineer.

BONDS VOTED

HAYWARD, Alameda Co., Cal.—Russell School District voted bonds in the amount of $5000 March 11. Proceeds to assist the financing of the construction of a new scheel building for the Russell School District, Alameda County.

Application filed with the WPA.

To Ask Material Bids.

SCHOOL... Cost, $21,000
ALAMO, Contra Costa Co., Calif.
One-story frame grammar school (4 classrooms).
Owner—Alamo School District.
Architect—Fred Reimers, 233 Post St., San Francisco.

Material bid will be asked immediately by the WPA.

BIDS WANTED

LOS ANGELES, Cal.—Until March 30, 2:00 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for painting and miscellaneous work on the following schools: Pacoima, Pacoima, main building (less 1925 addition), cost $2300; San Fernando elementary, north and south wings of main building, cost $2700; Van Nuys elementary, south building, cost, $1500; Lafayette junior high, shop and administration buildings, cost $5000; Canoga Park high, Canoga Park, shop building, cost $250.

BIDS WANTED

LOS ANGELES, Cal.—Until March 25, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for painting and miscellaneous work at the following schools: Fifteenth Street, San Pedro, Bldg. No. 1, cost $5000; Fries Ave., Wilmington, Bldg. No. 1, cost $3100; Point Fermin, San Pedro, main building, less auditorium section and east building, cost $4200; Torrance elementary, Torrance, main building, cost, $6000.

CONTRACT AWARDED

EAGLE ROCK, Los Angeles Co., Cal.—David Wein, 1709 Orchard Ave., was awarded contract by Los Angeles board of education at $2470 for painting and miscellaneous work on main building, less auditorium section, at Eagle Rock elementary school, 2057 Fair Park Ave. 5

CONTRACT AWARDED

POMONA, Los Angeles Co., Cal.—Weymouth Crowell Const. Co., 2104 E 15th St., Los Angeles, awarded the general contract by Board of Trustees of Pomona College, at $146,400 for the construction of a two- and part three-story women's dormitory at Pomona College, Third St., Claremont. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects. 5

BIDS OPENED

LOS ANGELES, Calif. — Patterson Bros., 573 Santa Rosa Ave., Oakland, submitted low bid to Los Angeles board of education at $9980, for painting and miscellaneous work in administration, auditorium, 1927 portion of classroom, boys' and girls' physical education, shop, home economics and cafeteria buildings at Thomas A. Edison junior high school, 6500 Hooper Ave. Other bids were: H. F. Thedinga & Co., $10,800; H. J. McKinley, $10,900; D. elinsky & ons, $11,200; SJ. P. Carroll Co., $11,224; William Gelfan, $11,500; Klaas Bros., $11,900. 5

Award Recommended

SAN BERNARDINO CO., Calif.—Barstow Elementary School District recommended to PWA that contract for new classroom and auditorium building in Barstow be awarded to school district on a force account basis at an estimated cost of $91,572. According to PWA officials, a contract of this kind is acceptable if, in the event the cost exceeds the estimate, the entire difference is borne by the district. Following are the three bids submitted by contractors on March 12 for the work complete; H. G. Klusman, $111,960; Cresmer Mfg. Co., $125,000; L. F. Dow, $126,461. The building will be a reinforced concrete structure with composition roofing, steel sash, low pressure steam heating system, etc. E. Charles Parke, 25 Fuller Bld., San Bernardino, Architect.

Bids Wanted—To Close March 25th, 2:30 P.M.

ADDITION Cost, $——
SAN FRANCISCO, Aptos Ave. and Upland Drive.
Three-story reinf. concrete additions to the Aptos Junior High School. 10 classrooms, lavatories, etc.); composition roof over concrete slab, wood sash, etc.
Owner—City and County of San Francisco.
Architect—Dodge Reidy, 821 Market St., San Francisco.

Bids are being taken as follows:

(1) General work, including mechanical and electrical. Est. cost, $65,000; deposit for plans, $25.

(2) General work only. Est. cost, $65,000; deposit for plans, $25.

(3) Mechanical and Plumbing. Est. cost, $8000; deposit of plans, $15.

(4) Electrical work. Est. cost, $2,800, deposit for plans, $15.

Plans and specifications may be obtained from Chas. Sawyer, City Architect.

CONTRACTS AWARDED

LOS ANGELES, Calif. — Contracts for painting and miscellaneous work on various school buildings were awarded by Los Angeles board of education as follows East building at Graham school, 1901 E. Firestone Blvd., awarded to Jack Ewins, 10,365 Almayo Ave., at $2,165; north and west buildings at Lorena St School, 1015 St. Lorena St., awarded to W. G. Thompson, Stowell Hotel at $2417; Building No. 1 at Second Street school, 1042 E. Second St., awarded to Jack Ewins at $1850; auditorium and classroom annex and administration building at John H. Francis polytechnic high school, 400 W. Washington Blvd., awarded to T. A. Rucker, 1012 S. Adams St., Glendale, at $4632; east building and 1924 portion of north building at Bridge Street school, 605 N. Boyle Ave., awarded to David Wein, 1709 Orchard Ave., at $2180.

BIDS OPENED

LOS ANGELES, Calif.—Klaas Bros., 3709 Edenhurst Ave., submitted low bid to Los Angeles board of education at $1387, for painting and miscellaneous work at the Burnside Avenue school 1515 Burnside Ave. Other bids were H. F. Thedinga & Co., $1395; J. P. Carroll Co., $1447; D. Zelinsky & Sons, $1490; H. J. McKinley, $1500; William Gelfan, $1515. 5

Plans Being Completed

TOILET BUILDING Cost, $4,000
PAJARO, Monterey Co., Calif.
One-story frame toilet bldg. at grammar school.
Owner—Pajaro Grammar School Dist.
Architect—Chas. Butner, 51 Maple St., Salinas.

Plans will be forwarded to State Division of Architecture for approval in about one week.

CONTRACT AWARDED

RENO, Nevada—Rocco Vanietti, Reno, Nevada, at $63,640 awarded contract by Reno School District for the construction of a new Southside Grammar School in Reno.

BIDS WANTED

SANGER, Fresno County, Calif.—Until April 8, 7:30 p.m., bids will be received by Sadie Rodgers, Clerk, Sanger School District for construction of an addition to the Physical Education Unit at the Taft School, in Sanger. Plans and specifications may be obtained at above office.

CONTRACT AWARDED

LOS ANGELES, Cal.—H . A. Nichols, 936 E Slauson Ave., awarded contract by Los Angeles board of education at $64,660, for the reconstruction, reahibilitation and strengthening of the main building and auditorium, including arcade section, at Van Ness Avenue school, 501 N. Van Ness Ave. Harold S. Johnson, 1001 Architects' Bldg., architect, and Ralph E. Marvin, 6362 Hollywood Blvd., structural engineer.

BIDS WANTED

LOS ANGELES, Cal.—Until April 3, 2 P. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St. for the reconstruction, strengthening and rehabilitation of the 1925 portion of the main building at Ascot Avenue School, 1425 E. 45th St. Cost, $53,000. A. C. Munson, Rm. 404, 433 S. Spring St., Architect and W. M. Bostock, $723 Passaic Ave., Huntington Park, Structural Engineer.

BIDS OPENED

LOS ANGELES, Calif. — Patterson Bros., 573 Santa Rosa Ave., Oakland, submitted low bid to the Los Angeles board of education March 16 at $1740 for painting and miscellaneous work on the main and kindergarten buildings at Seventy-ninth Street school, corner 79th St. and McKinley Avenue. Other bids were: Harry Wasserman, $1900; William Gelfan, $1936; Klass Bros., $1984; D. Zelinsky & Sons, $1,987; J. P. Carroll Co., $2120; H. J. McKinley, $2470; T. A. Rucker, $2600; H. F. Thedinga & Co., $2635.

BIDS OPENED

LOS ANGELES, Calif.—H. J. McKinley, 9305 Burton Way, Beverly Hills, submitted low bid to the Los Angeles board of education March 16 at $1680, for painting and miscellaneous work on Unit No. 2 at Sixty-sixth Street school, 309 East 67th St. Other bids were: Karl H. Herweg, $1845; J. P. Carroll, $1931; Wm. Gelfan, $2020; Klass Bros., $2020; Harry Wasserman, $2079; D. Zelinsky and Sons, $2147; T. A. Rucker, $2280; H. F. Thedinga & Co., $2345; Patterson Bros., $2440; David Wein, $2490.

BIDS WANTED

LOS ANGELES, Cal.—Until April 6, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 South San Pedro Street, Los Angeles, for painting and miscellaneous work at the following schools: Thomas Jefferson high, 1319 E 38th St., administration building (including academic unit) and cafeteria, cost $4,500; Venice high, corner of Venice Blvd. and Walgrove Avenue, Venice, Shop No. 2 and No. 3, cost $1,600; George Washington high, 10,860 South Denker Ave., administration and liberal arts building, science, arts, cafeteria and shop buildings, cost $6,500.

Contracts Awarded

SCHOOL Contract Price, $76,229
NEVADA CITY, Nevada Co., Calif.
One - story frame and stucco elementary school (13 classrooms and auditorium to seat 300) steam heating system, pine and maple floors)
Owner — Nevada City Elementary School District.
Architect—Wm. Mooser, Monadnock Bldg., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Meyer Bros., 735 Portola Drive, San Francisco.
Electric—United Electric Const. Co., 1190 Bryant St., San Francisco, $5,247.
Plumbing, Heating and Ventilating—Scott Co., 243 Minna Street, San Francisco, $15,789.
Complete bids published March 16.

LOW BIDDER

BALDWIN PARK, Los Angeles Co., Cal.—Herbert M. Baruch Corp., 625 S. Olive St., Los Angeles, submitted low bid to Baldwin Park School District at $67,297 (based on the acceptance of deductions for omission of the administration wing and for all alternates) for the construction of an auditorium bldg. on the Central school site in Baldwin Park, a PWA project. The bids were taken under advisement. Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, architect.

NEW BIDS WANTED

LOS ANGELES, Cal.—Until April 1, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 South San Pedro Street, for a two-story boys' and girls' physical education building to be erected at Mt. Vernon junior high school, 4066 W 17th St. John C. Austin and F. M. Ashley, architects, and G. H. Schulte, 608 Chamber of Commerce Building, structural engineer; O. W. Ott, Washington Bldg., structural engineer.

BIDS WANTED

LOS ANGELES, Cal.—Until April 1, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 South San Pedro Street, Los Angeles, for painting and miscellaneous work on the science building at Benjamin Franklin high school, 820 N. Avenue 54. Cost, $3100.

TAKING SEGREGATED BIDS

LOS ANGELES, Cal.—Until April 8, 2 P. M., segregated bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for (1) general contract, including painting, but excluding plumbing, heating and ventilating and electrical work; (2) general contract, including all work; (3) plumbing only; (4) heating and ventilating only; (5) electrical work only, for a new administration building and home economics building to be erected at Virgil junior high school, 152 North Vermont Ave. Cost, $175,000. Sumner P. Hunt, 701 Laughlin Bldg., architect; Wm. Mellema, 1661½ Beverly Blvd., structural engineer; E. L. Ellingwood, H. W. Hellman Bldg., mechanical engineer.

BIDS WANTED

LOS ANGELES, Cal.—Until April 7, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 South San Pedro Street, Los Angeles, for painting and miscellaneous work at the following schools: Eastman Street, 1200 S. Eastman St., east and west buildings, cost, $7775; Hammell Street, 438 N Brannick St., Units No. 1 and No. 2, cost $1500; Riggin Ave., 4865 E. Riggin Ave., 1928 portion of main building, cost $2500.

Electrical Bids Opened.

MACHINE SHOP Cost, $——
SAN FRANCISCO. Geary Blvd., Balboa St., 30th and 32nd Aves.
Electrical work for three-story reinforced concrete machine shop building at George Washington School (steel sash).
Owner—City and County of San Francisco.
Architect—Miller & Pflueger, 580 Market St., San Francisco.
Low Bidder—Lynn & Heffernan, 114 Ashton Ave., $8396.
Complete bids follow:

Lynn & Heffernan	$8396
United Elec. Constr. Co.	8457
Central Electric Co.	8577
Victor Lemoge	8850
Abbett Electric Co.	9543

BIDS OPENED

LOS ANGELES, Cal.—T. A. Rucker, 1012 S. Adams St., Glendale, submitted low bid to Los Angeles board of education Mar. 16 at $1987, for painting and miscellaneous work on the north and south buildings at Pacific Blvd. school, 5714 Pacific Blvd., Huntington Park. Other bids were: D. Zelinsky & Sons, $2275; Wm. Gelfan, $2500; Klass Bros., $2538; H. J. McKinley, $2625; J. P. Carroll Co., $2631; David Wein, $2860; Harry Wasserman $3310; Patterson Bros., $3358.

LOW BIDDER

ALHAMBRA, Los Angeles Co., Cal.—Steed Bros., 5 S. Stoneman Avenue, Alhambra, submitted low bid to Alhambra board of education at $163,500, for complete construction of the new classroom and auditorium building at the Ramona school site. John W. Smart, 39 E. Main St., Alhambra, architect; Murray Erick, Architects' Bldg., Los Angeles, structural engineer.

Plans Approved

IMPROVEMENTS Cost, $21,000
BERKELEY, Alameda Co., Calif.
Reconstruction of high school auditorium gallery and entrances.
Owner—Berkeley Board of Education.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—E. T. Spencer, Spreckles Bldg., San Francisco.
Plans have been approved by State Division of Architecture, Sacramento.
Grant approved by PWA.

Bids Wanted—To Close March 28, 2 P. M.

GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect—Wm. Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $25.

Commissioned To Redesign Plans.

ALTERATIONS Cost, $125,000
BERKELEY, Alameda Co., Cal. Allston Way and Grove Street.
Alterations to the gymnasium, etc., at Berkeley High School.
Owner—Berkeley Board of Education.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Plans were formerly prepared by Architect John Reid.

Plans Being Prepared

RECONSTRUCTION Cost, $12,000
BERKELEY, Alameda Co., Calif.
Reconstruction of Hillside Auditorium
Owner—Berkeley Board of Education.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—E. T. Spencer, Spreckles Bldg., San Francisco.
Grant approved by PWA.

Plans Being Prepared

SCHOOL Cost, $6,500
BERKELEY, Alameda Co., Calif.
Exterior plastering of central portion of Hillside School.
Owner—Berkeley Board of Education.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Grant approved by PWA.

Plans Being Prepared

AUDITORIUM Cost, $7,000
BERKELEY, Alameda Co., Cal. Sacramento and Rose Streets.
Reconstruct auditorium at Jefferson School.
Owner—Berkeley School District.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—E. T. Spencer, Spreckles Bldg., San Francisco.
Grant approved by PWA.

Plans Being Prepared

ADDITION, Alameda Co., Cal. Claremont Avenue bet. Ashby Avenue and Webster Street.
Reconstruct south wing and auditorium at John Muir School.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Grant approved by PWA.

Plans Being Prepared
SCHOOL BLDG. Cost, $18,000
BERKELEY, Alameda Co., Calif.
Reconstruct auditorium at the Willard School.
Owner—Berkeley School District.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—E. T. Spencer, Spreckles Bldg., San Francisco.

Plans Being Completed
REHABILITATE SCHOOL
Cost, $110,000
BERKELEY, Alameda Co., Calif.
Rehabilitation of Lincoln School.
Owner—Berkeley Board of Education.
Architect—Not Given.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Grant approved by PWA.

16—BANKS, STORES AND OFFICES

Sub-Contracts Awarded.
STORE Cost, $12,000
OAKLAND, Alameda Co., Cal. Grand Avenue.
One-story reinforced concrete store building (50x80 ft.)
Owner—J. W. and L. E. Dinsmore.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway Ave., Oakland.
Roofing—City Cornice Co., 3121 San Pablo Avenue.
Plumbing—L. J. Kruse, 6247 College Avenue.
Electric Wiring — Fred Schmits, 428 Moss Avenue.
Sheet Metal—City Cornice Co., 3121 San Pablo Ave.
Tile Work—Rigney Tile Co., 3012 Harrison Street.
Glass—Cobbledick-Kibbe Co., Washington at Third Sts.
Iron Grille Work—James Eandi, 1339 62nd Avenue.
Lathing and Plastering — Carl Rasmussen, 5801 Moraga Road.
Lumber—Loop Lumber Co., 2001 Broadway, Alameda.
Steel Sash — Gleason Steel Products Co., 1310 63rd Street.
Concrete—Nat Lena, 1174 19th St.
Terra Cotta — Rigney Tile Co., 3012 Harrison Street.
Reinforcing Steel—McGrath Steel Co., 354 Hobart Street.
All of Oakland unless otherwise noted.

Sub-Contracts Awarded.
OFFICE BLDG. Cont. Price, $345,983
SACRAMENTO, Sacramento Co., Cal. N Street between 11th and 12th.
Four - story reinforced concrete office building to house motor vehicle department offices) steam heating system, air conditioning, steel sash one freight elevator, three passenger elevators and two electric dumbwaiters).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco, $345,983.
Acoustic Celotex — Western Asbestos Co., 675 Townsend St., San Francisco.
Sheet Metal—Concrete Engr. Co., 1280 Indiana St., San Francisco.
Reinforcing Steel—Concrete Engr. Co. 1280 Indiana St., San Francisco.
Placing of Reinf. Concrete—J. Phillip Murphy, 222 Park View Avenue, Piedmont.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
As previously reported, plumbing awarded to M. R. Carpenter, 907 Front St., Sacramento, $21,270; heating and ventilating to Luppen & Hawley, Inc., 3126 J St., Sacto., $78,322; electric to Coast Electric Co., 2350 Cedar Ave., Long Beach, $31,572; Elevator and dumbwaiter to Otis Elevator Co., 1 Beach St., San Francisco, $45,835.

Plans Being Figured
ALTERATIONS Cost, $——
SAN FRANCISCO. 310 Sansome St.
Remodel lobby of Alaska Commercial Building.
Owner—Norris, Beggs and Bace, 544 Market Street.
Architect—Not Given. *

Plans Being Prepared.
ALTERATIONS Cost, $——
SAN JOSE, Santa Clara Co., Calif. Second Street.
Alterations and additions to store building (second story addition, etc.)
Owner—Montgomery Ward Co., Chicago, Ill.
Plans by Engineering Dept. of Owner, Chicago. *

Plans Being Figured—Bids Close March 25, 2 P. M.
BUILDING Cost, $15,000
SAN RAFAEL, Marin County, Calif. Fourth Street.
One - story reinforced concrete store and mfg. bldg. (75x126-feet).
Owner—Harry DeGregory, San Rafael.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Following will submit bids:
Leibert & Trobock, Albert Bldg., San Rafael.
Hannah & Wooldrige, 268 Market St., San Francisco.
Gagnon Brothers, 614 Fifth St., San Rafael.
John Carminati, San Rafael.
A. H. Seimer, 128 Calumet Avenue, San Anselmo.
Jos. F. Childs, 30 Carmelita Ave., Mill Valley.
(8930) 1st report Feb. 14; 4th, March 16, 1936. * 16

To Be Done By Day's Work.
ALTERATIONS Cost, $3000
BERKELEY, Alameda Co., Cal. No. 2048 Center Street.
Alterations and additions to front of Class C newspaper building.
Owner—Berkeley Gazette.
Plans by The Berkeley Society of Architects, 2101 Shattuck Ave., Berkeley.
Mgr. of Constr. — Harry Smith and Clarence Betz, 2011 Francisco St., Berkeley.

BIDS WANTED
LOMPOC, Santa Barbara Co., Cal. —Until March 30, 10 A. M., new bids will be received by the Santa Barbara county supervisors for the construction of a veterans' memorial building and county offices at Lompoc, a PWA project. Plans and specification may be obtained from the architects, Winsor Soule and John F. Murphy, 116 E. Sola St., Santa Barbara, upon deposit of $25. The building will be a one-story and part two-story structure of wood frame construction, instead of reinforced concrete as originally proposed, tile and composition roofing, O. P. trim, maple, mastic and tile floors, gas-steam radiators, water heaters, artificial stone, ornamental iron, steel windows, tile work, wall board, etc. 3

Contract Awarded.
STORE Cost, $12,000
CARMEL, Monterey Co., Cal. Dolores St., bet. 7th and 8th Sts.
Two-story reinforced concrete store building 40x64 feet).
Owner—Grant Wills.
Architect—Guy O. Koepp, Carmel.
Contractor—A. C. Storey, Carmel.
Lumber—Work Lumber Co., Monterey
Rock and Sand—Central Supply Co., Monterey.
Plumbing—Anderson, Doherty & Hargis, Salinas.

Plans Being Completed.
STORE Cost, $8500
OAKLAND, Alameda Co., Cal. Grand Avenue.
One-story Class C store building (45x80 ft.) concrete walls, wood floors and roofing, etc.
Owner—Withheld.
Architect—Noble and Archie Newsom. Russ Bldg., San Francisco.
Bids will be asked in about ten days.

Fixture Contract Awarded
ALTERATIONS, ETC. Cost, $30,000
SAN JOSE, Santa Clara Co., Calif. Broadway near 13th Street.
Alterations for restaurant, cocktail lounge and bar.
Owner—Tiny's Waffle Shop.
Architect—A. R. Williams, Humboldt Bank Bldg., San Francisco.
Cabinet Work and Fixtures—Fink and Schindler, 552 Brannan St., San Francisco.
Contracts on painting, plumbing, electrical work, etc., will be awarded shortly. *

March 16, 1936

Contract Awarded
STORE AND RESID. Cost, $4,500
SAN FRANCISCO, Calif. N Irving St. W. 9th Ave.
Two-story frame and stucco store and residence.
Owner—McDonald Florists, 730 Irving Street.
Architect—D. E. Jaekle, 126 Post St.
Contractor—A. C. Lindgren, 346 Lowell Street.

BIDS WANTED
SAN FRANCISCO—Until March 25, 3:00 P. M., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, for furnishing and installing stair treads on five flights of interior front stairs from the third to eighth floors, inclusive, and on two flights of interior rear stairs from the first to second floors, inclusive, of the San Francisco Water Department building, 425 Mason St. Specification, proposal blanks and additional information available at Room 701, 425 Mason Street.

Contract Awarded
ALTERATIONS Cost $165,000
SAN FRANCISCO, Stockton and Market Streets.
Alterations and additions to store building (440-ft. frontage) resurface exterior with glazed terra cotta, granite base, new display windows, fixtures, etc.
Owner—Roos Bros., Premises.
Architect—Bliss & Fairweather, Balboa Bldg., and Albert R. Williams, Humboldt Bank Bldg.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 614 Washington Street.
Alterations to restaurant.
Owner—Ho Yen Non, 814 Washington St., San Francisco.
Architect—Noth Given.
Contractor—Frank Yick, 670 Washington St., San Francisco.

BIDS WANTED
LOS ANGELES, Cal.—Until April 10, 2 P. M., bids will be received by the Custodian, U. S. Post Office, Los Angeles, for furnishing quarters to be leased to the U. S. Government as temporary quarters for activities now located in the present old U. S. Post Office and Court House Building in Los Angeles.
Plans and specifications may be obtained from the Custodian.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 29 Stockton Street.
Alterations to store.
Owner — Joseph Krasne, Alexander Hotel, San Francisco.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St., San Francisco.

Contract Awarded
STORE Cost, $15,500
ALAMEDA, Alameda Co., Calif. 1533 Webster Street.
One-story reinforced concrete store building.
Owner—The Lurie Co., 333 Montgomery St., San Francisco.
Plans by George W. Cotherell, 4221 Horton St., Emeryville.
Contractor—Daley Bros., 4221 Horton St., Emeryville.

March 18, 1936

Contract Awarded.
STORE & STATION Cost, $6300
RICHMOND, Contra Costa Co., Calif. Twenty-second St. and Macdonald Avenue.
One-story store building (concrete walls, frame and stucco interior) service station.
Owner—A. Kastelic (Civic Center Tire & Battery Co.), Richmond
Architetct—James Narbett, 466 31st St., Richmond.
Contractor—C. L. Theis, 1937 Garvin St., Richmond.
Construction has started.
(0114) 1st report Mar. 5; 2nd Mar. 10, 1936. * 16

CONTRACT AWARDED
LOS ANGELES, Cal.—R. E. Millsap, 603 Pacific Commerce Bldg., was awarded general contract for the construction of a one-story Class B concrete market and store building (148x125-ft.) at 8721-35 S. Broadway for Broadman Development Co. Plans were prepared by Architects Morgan, Walls & Clements, 1135 Van Nuys Bldg. Cost, $50,000.

Contract Awarded
REPAIRS Cost, $2,500
SAN FRANCISCO. 833 Market Street.
Repair fire damage to store and offices.
Owner — California Academy of Sciences, premises.
Architect—Not Given.
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street. *

SUB-BIDS WANTED
SAN JOSE, Santa Clara Co., Cal.—Oliver M. Rousseau, 321 Kearny St., San Francisco, desires sub-bids on all portions of the work for the construction of an addition and alterations to the Montgomery Ward Store in San Jose for which bids will be opened in Chicago by the owner on March 30.
Plans prepared by the Engineering Department of the owner. *

Plans Being Completed.
STORE Cost, $7500
SONOMA, Sonoma Co., Cal. Broadway and Napa Street.
One-story concrete store building.
Owner—Clewe Estate, Sonoma.
Plans by V. Jorgensen, Sonoma.
Bids will be asked in two weeks.

Plans Being Figured—Bids Close Mar-30th.
ALTERATIONS Cost, $——
SAN JOSE, Santa Clara Co., Calif. Second Street.
Alterations and additions to store building (second story addition, etc.)
Owner—Montgomery Ward Company, Chicago, Ill.
Plans by Engineering Dept. of Owner. Bids will be opened in Chicago.
Oliver M. Rousseau, 321 Kearny St., San Francisco, is among the contractors figuring the plans and desires sub-bids on all portions of the work.

Plans To Be Prepared.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 310 Sansome Street.
Alterations to lobby of Alaska Commercial Building.
Owner — Norris Beggs & Bace, 544 Market St., San Francisco.
Architect — Albert Roller, Crocker 1st National Bank Bldg., S. F.
In our issue of March 18 it was reported that bids were now being taken which was in error.

CONTRACT AWARDED
SAN FRANCISCO—Western Asbestos Company, 675 Townsend St., at $583 awarded contract by Department of Public Works for acoustical treatment in accounts and statistics room, Controller's Office, City Hall, to conform to present installation in Main Office.

17— THEATRES

Preparing Working Drawings.
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. No. 912 K Street.
Alterations to theatre (new ground floor, decorating, painting, etc.)
Owner—West Coast Theatres Co.
Architect—Not Given.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Bids will be asked in about 3 weeks.

Plans Being Prepared.
ALTERATIONS Cost, $10,000
SALINAS, Monterey Co., Cal. No. 137 Main Street.
Alterations to Crystal Theatre.
Owner—Crystal Theatre, Salinas.
Architect—Jorgensen & Deichmann, Associated Architects, 110 Sutter St., San Francisco.
Bids will be asked shortly.

Low Bidder
ALTERATIONS Cost, $40,000
NAPA, Napa Co., Calif. Main Street between First and Pearl Streets.
Alterations to old opera house for theatre.
Owner—Napa Theatre Corp., 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—Lindgren and Swinerton, Inc., 225 Bush St., San Francisco.
In our issue of March 12 it was reported the contract had been awarded to Lindgren & Swinerton. Contract has not been signed as yet.

Plans Being Completed
ALTERATIONS Cost, $50,000
OAKLAND, Alameda Co., Calif. 3200 Grand Avenue.
Alterations and additions to Grand Lake Theatre.
Owner—Grand Lake Theatre Co., Oakland.
Architect—S. Chas. Lee, 1648 Wilshire Blvd., Los Angeles, and 25 Taylor St., San Francisco. *
Bids will be asked in about 1 week.

Plans Being Completed.
ALTERATIONS Cost, $50,000
SAN FRANCISCO. Cole and Haight Streets.
Remodel Haight Theatre.
Owner—Golden Gate Theatre Co., 25 Taylor St., San Francisco.
Associated Architects — Jorgensen & Deichmann, 321 Bush Street.
Structural Engineer—L. H. Nishkian, 525 Market Street.
Plans will be completed in about 30 days.

Plans Being Completed
ALTERATIONS Cost, $50,000
OAKLAND, Alameda Co., Calif. 3870 Telegraph Avenue.
Alterations to Senator Theatre.
Owner—Senator Theatre, Oakland.
Architect—S. Chas. Lee, 1648 Wilshire Blvd., Los Angeles, and 25 Taylor St., San Francisco. *
Bids will be asked in about 1 week.

Contract Awarded.
ALTERATIONS Cost, $——
EUREKA, Humboldt Co., Cal. Fourth and C Streets.
Alterations to State Theatre.
Owner—Mann Circuit, 25 Taylor St., San Francisco.
Architect—Guy Morris, % Owner.
Contractor—Frank Mitchell, Rt 1, Box 63, Ukiah.

Contract Awarded.
ALTERATIONS Cost, $——
EUREKA, Humboldt Co., Cal. F St. near Fifth Street.
Alterations to Rialto Theatre.
Owner—Mann Circuit, 25 Taylor St., San Francisco.
Architect—Guy Morris, % Owner.
Contractor—Frank Mitchell, Rt. 1, Box 63, Ukiah.

CONSTRUCTION STARTED
PHOENIX, Arizona.—Phoenix Elks lodge started work this week on remodeling the Elks theater on West Washington St., Phoenix. Geo. Diamos, Tucson, has leased the building. Cost, $40,000. *

Plans Being Completed.
THEATRE Cost, $60,000
SAN FRANCISCO. Twenty-fourth and Noe Streets.
One-story and balcony steel frame and reinforced concrete theatre building (to seat 1000).
Owner—Golden State Theatre & Realty Co., 25 Taylor Street.
Architect—Mark Jorgensen, 321 Bush Street.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Specifications Being Written
REBUILD THEATRE Cost, $——
MODESTO, Stanislaus Co., Calif.
Rebuild threatre (recently destroyed by fire).
Owner—Modesto Theatre (W. R. Messinger, McHenry St., Modesto).
Architect—Russell G. deLappe, 5905 Keith St., Berkeley.
Bids will be asked within 1 week.

Preparing Working Drawings.
THEATRE Cost, $70,000
SAN FRANCISCO. Chestnut Street near Scott Street.
One-story steel and concrete theatre (to seat 900); modern style.
Owner—Sbarboro & Detjen.
Architect — John Ahnden, 822 39th Ave., San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Bids will be asked in about thirty days.

Planned
ALTERATIONS Cost, $5,000
WILLITTS, Mendocino Co., Calif.
Alterations to Majestic Theatre (new front, tile roof, new flooring, electric wiring, new marquee, etc.
Owner—George A. Smith, Willitts.
Architect—Not Given.

Sub-Contracts Awarded
ALTERATIONS Cost, $30,000
PETALUMA, Sonoma Co., Calif.
Alterations to theatre (work involves changes in foyer, refinish interior, move stage back, etc.)
Owner—T. & D. Theatres Inc. 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner
Engineer—L. H. Nishkian, 525 Mar-

ket St., San Francisco.
Contractor—Vogensen Const. Co., 160 Washington St., Petaluma.
Roofing—Vogensen Construction Co
Plumbing—Rex Hardware Co.
Sheet Metal—B. F. Shell.
Tile Work—Petaluma Granite & Marble Works.
Glass—Petaluma Glass Company.
Brick Work—Olsen & Son.
Lathing and Plastering—Baccala and Pedegrade.
Lumber—Diamond Match Company.
Terra Cotta—Olsen & Son.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave., San Francisco.
Structural Steel—Van Bebber Bros.
All of Petaluma unless otherwise specified.

19—MISC. CONSTRUCTION

BID OPENING POSTPONED

SAN FRANCISCO.—Until April 17, 3 P. M. (date postponed from April 10, previously reported) bids will be received by U. S. Engineer Office, 414 Custom House, under Proposal No. 868-36-22, for constructing and delivering afloat at San Francisco, one steel, twin screw, twin rudder hopper dredge with direct Diesel propulsion engine, hydraulic couplings and reduction gears, having 400-hp. on each shaft. The dredge will be 180 ft. overall in length with a 38-ft. beam and 14-ft. depth, with a hopper capacity of 300- and 500-c.y.

Pumping equipment will consist of a 340-hp. motor-driven pump, power being supplied by a 275-kwa. Diesel driven d.c. generator. Auxiliaries will be electrically driven, power for these being furnished by two 75-k.w., d.c. diesel-driven generating sets.

The dredge is to operate mainly in bar harbors along the Pacific Coast and will carry a crew of 37 men.

Plans and specifications obtainable from the above office upon deposit of $100.00.

SEEK FUNDS

PASADENA, Cal.—City of Pasadena has made application to WPA for funds in sum of $196,000 for additional improvements to the Rose Bowl in Pasadena. The work will include two bridges spanning the road tunnels at the south end of the bowl, two pedestrian bridges over the arroyo, additional comfort stations, ornamental pergolas, extension of the lighting system, increasing the capacity of the sewage line, sprinkler system on the field and grading of the parking areas around the bowl.

BIDS OPENED

SAN FRANCISCO, Calif.—William A. Degen, 2055 Santa Clara Ave., Alameda, at $1,483 submitted low bid and will be awarded contract by the Signal Officer, Headquarters, Ninth Corps Area, Presidio of San Francisco, under Proposal No. 1084 SC 36-2, for installation of telephone conduit and manholes at Fort Winfield Scott and Crissy Field.

Complete bids follow:

Wm. A. Degen, Alameda	$1,483.00
G. M. Gest, Oakland	1,874.00
Mills Constr. Co., S. F.	1,974.00
D. C. Manning, S. F.	2,033.00
R. Flatland, S. F.	2,175.00
Richmond Constr. Co.	2,740.00
Underground Const. Co., Berkeley	2,873.00
O. G. Ritchie, San Jose	3,000.00
Eaton & Smith, S. F.	3,151.00
Lynn & Heffernan, S. F.	3,355.00
United Electric Co., S. F.	4,247.00
Thomas Sontag	4,989.00

TO ASK BIDS

LOS ANGELES, Calif.—Twentieth-Century-Fox Film Corp., 10,260 Orton Ave., West Los Angeles, has had plans prepared and will take general contract bids in about two weeks for a three-story office building, 85x102-ft. in area, to be built at 10,260 Orton Ave. It will be a wood frame and stucco structure with composition roofing, cement and wood floors, pine trim, steel and wood sash, tile work automatic storage water heaters, gas heating, showers, wrought iron work, etc. Cost, $350,000. J. A. Barlow, care of the studio, is the structural engineer.

Contract Awarded

BUNKERS Cost, $6,000
STOCKTON, San Joaquin Co., Calif. 120 W Scotts Avenue.
Gravel bunkers.
Owner—Stockton Ice & Fuel Co., 33 South Eldorado St., Stockton.
Plans by Engineering Dept. of Owner.
Contractor — Lee F. De Saussure, % owner.

Contract Awarded.

MAUSOLEUM Cost, $81,666
OAKLAND, Alameda Co., Calif. End of Piedmont Avenue.
Interior finishing of mausoleum (marble, bronze and glass work, etc.)
Owner — Mountain View Cemetery Association, Oakland.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor — Dinwiddie Construction Co., Crocker Bldg., San Francisco
Complete bids published March 2.

BIDS WANTED

SAN FRANCISCO—Until March 25, 3:00 P. M., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, for raising and painting Lake Honda Cottage, Seventh Ave. near Laguna Honda Home. Work includes raising the building; removing entire present substructure and all underpinning below the main floor joists; removing brick chimney; constructing new structure and installing building on same; constructing foot bridge, and exterior painting of the premises.

Specifications, proposal blanks and additional information available at Room 701, San Francisco Water Department building, 425 Mason St.

Planned.

FUNERAL CHAPEL. Cost, $10,000
PLACERVILLE, El Dorado Co., Cal. Lower Main Street.
Owner—O'Keefe Co., Placerville.
Architect—Not Given.

To Be Done By Day's Work.

ALTERATIONS Cost, $3000
SAN FRANCISCO. SW Third and Townsend Streets.
Alterations to passenger depot.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Plans by Engineering Dept. of Owner.

To Be Done By Day's Work.

RETAINING WALL Cost, $3000
SAN FRANCISCO. Twenty-seventh and Douglas Streets.
Retaining wall.
Owner — San Francisco Recreation Commission, City Hall.
Engineer—George S. Harman, City Hall.
Work will be done by the WPA.

Contract Awarded

POOL Cost, $5,000
BURLINGAME HILLS, San Mateo Co. Calif. 153 Valdeflours.
Swimming pool.
Owner—Sylvia O. Brownell.
Architect—Not Given.
Contractor—Paddock Engr. Co., 1027 N Sycamore St., Los Angeles.

BIDS OPENED

SAN FRANCISCO—D. J. & T. Sullivan, 1942 Folsom St., at $292 submitted low bid to Department of Public Works for moving two bungalows from the Lawton School, 30th Ave. and Lawton St. to the Francis Scott Key School, 42nd Ave. between Lawton and Kirkham Sts. Only other bid was submitted by Hanson Bros. at $356.

BIDS OPENED

ALCATRAZ, Cal.—Following submitted bids to Warden, U. S. Penitentiary, Alcatraz, for furnishing and installing short wave radio equipment for Alcatraz. Work includes 125-watt radio telephone transmitter; rotary converter and associated equipment; radio frequency transmission line; 10-watt mobile transformer; high rfequency fixed tune mobile receiver; high frequency station receiver to operate on 110-v.a.c. at Berkeley; and antenna propen, antenna coupling net work with lightning arrestor:

Weiss Manufacturing Co.	$2825
Butte Electric Co.	4068
Heintz & Kaufman	5028
Collins Radio Co.	5428
Westinghouse Electric Co.	8300

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

PARKER DAM, Arizona—Monolith Portland Cement Co., Monolith, Calif., at $69,790 (delivered) awarded contract by the Bureau of Reclamation for furnishing 35,000 bbls. of cement for use in construction of Parker Dam.

BIDS OPENED

OAKLAND, Cal. — Utilities Supply Co., 1736 E. 15th St., Los Angeles, at $1802.60 submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, under Proposal No. 724, for furnishing 9000 lin. ft. of copper water service pipe as follows:
(1) 5000 lin. ft. 1-inch;
(2) 1500 lin. ft. 1½-inch;
(3) 2500 lin. ft. 2-inch.

Complete bids follow:

Utilities Supply Co.: (1) $623.50; (2) $334.10; (3) $835; total, $1802.60.

Identical bids at : (1) $840; (2) $372.75; (3) $914.25; Total, $2127 were submitted by the following—Tay Holbrook Co.; R. J. Leahy; Grinnell Co.; American Brass & Copper Co.; Richmond Sanitary Co.; Dalziel-Moller Co.; Walworth-California Co.; Ducommun Metals & Supply Co.; Crane Co.; Oakland Plumbing & Supply Co., and Moran Plumbing Co.

BIDS OPENED

SAN QUENTIN, Marin Co., Cal.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at $585 submitted low bid to State Purchasing Department, Sacramento, for furnishing and installing two steel gates at the San Quentin Penitentiary.

Complete bids follow:

Golden Gate Iron Works, S. F.	$585
Alling Iron Works, Sacramento	625
Fair Mfg. Co., San Francisco	652
Michel & Pfeffer, San Francisco	758
Patterson & Koster Iron Works, San Francisco	987

Contract to be awarded to Golden Gate Iron Works at $585.

BIDS OPENED

OAKLAND, Calif.—Following bids received by the Oakland City Council, W. W. Chappell, City Clerk, for furnishing:
(1) 13,373 l.f. No. 16 AWG saturated paper-insulated lead covered cable.
(2) 1,500 l.f. No. 10 AWG do.

Identical bids at (1) $2,107.45 and (2) $216.30 submitted by: General Cable Corp.; Westinghouse Electric Co.; Graybar Electric Co.; and the Electric Corp.

Identical bids at (1) $2,589.54 and (2) $231.75 submitted by: Gilson Electric Co.; Roeblings & Sons Co., and Maydwell & Hartzell Co.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

COCHISE COUNTY, Ariz.—J. A. Casson, Box 2293, Phoenix, at $122,685 submitted low bid and awarded contract by Arizona State Highway Commission, Phoenix, for work on the Benson-Douglas Highway (Douglas underpass) WPGM 79-H, A. V. E. 8069.

The work, which is located in Douglas, consists of the construction of a concrete and steel structure under the S.P.R.R. tracks, including many items of incidental work, and is to be completed on or before Dec. 31, 1936.

The principal items and approximate quantities are:

20,300 c.y. structural excavation;
26,400 c.y. mi. haul;
3,400 c.y. select material (CIP);
1,171 c.y. Class A concrete;
844 c.y. Class D concrete;
286,250 lbs. reinf. steel;
17,000 lbs. structural steel;
2,620 s.y. concrete pavement;
2,300 l.f. combined curb and gutter;
207 l.f. 36-in. part circle culvert;
350 tons plant mix;
20 tons cutback asphalt;
2 tons emulsified asphalt;
150 M. gals. sprinkling;
150 hours rolling;
2,100 l.f. 4-in. vit. clay pipe;
385 l.f. cast iron pipe (4 sizes);
56 l.f. 18-in. plain concrete pipe;
1 lump sum membrane and asphaltic plank waterproofing;
1 lump sum electric lighting system;
1 lump sum remove and reconstruct RR crossings.

O. F. Fisher, Phoenix, submitted the second low bid at $124.851.

CONTRACT AWARDED

WHEELER COUNTY, Ore. — Tom Lillebo, Reedsport, at $5,714 submitted only bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for construction of a composite frame trestle bridge over Kahler Creek near Spray on the John Day Highway in Wheeler County.

BIDS WANTED

KERN COUNTY, Cal.—Until April 6, 11 A. M., bids will be received by the Kern County Board of Supervisors, F. E. Smith, County Clerk, Court House, Bakersfield, for the construction of a timber bridge over Fiddler's Gulch, on the Randsburg-Johannesburg Highway.

The work involves:

(1) Structural excavation;
(2a) 3.012 MFBM Douglas fir timber, in place, including hardware, paint, etc., complete;
(2b) 17.727 MFBM Redwood timber, do

Plans and specifications obtainable from the office of County Surveyor.

BIDS WANTED

EL DORADO COUNTY, Cal.—Until April 7, 2 P. M., bids will be received by the El Dorado County Board of Supervisors, Arthur J. Koletzke, Clerk, Court House, Placerville, for the construction of a reinforced concrete bridge across Steeley Fork at Grizzly Flat, in District No. 2.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS WANTED

HUMBOLDT COUNTY, Nev.—Until April 8, 2:30 P. M., bids will be received by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Heroes Memorial Bldg. Carson City, for the construction of a concrete and steel overpass over the Western Pacific Railroad in Winnemucca, Humboldt County, Route 8, Section A-1, a length of approximately 0.037 mile. Estimated cost, $150,000.

The work involves:

(1) 750 c.y. structure excavation;
(2) 580 c.y. Class A concrete;
(3) 455 c.y. Class D concrete;
(4) 1,640,000 lbs. reinforcing steel;
(5) 174,000 lbs. structural steel;
(6) 363 l.f. concrete rail;
(7) 8,280 l.f. treated timber piles;
(8) 276 each driving treated piles;
(9) Lump sum, cable.

Plans and specifications obtainable from the above office upon deposit of $5.00, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco.

BIDS WANTED

HUMBOLDT COUNTY, Nev.—Until April 8, 2:00 P. M., bids will be received by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Heroes Memorial Bldg. Carson City, for the construction of a concrete and steel bridge over Humboldt River in Winnemucca, Humboldt County, Route 8, Section A-1, a length of approximately 0.048 mile.

The work involves:

(1) 9,372 c.y. roadway excavation;
(2) 1,250 c.y. structure excavation;
(3) 770 c.y. Class A concrete;
(4) 315 c.y. Class D concrete;
(5) 510 c.y. Class D concrete, for seal;
(6) 158,000 lbs. reinforcing steel;
(7) 269,000 lbs. structural steel;
(8) 474 l.f. concrete rail;
(9) Lump sum, cable.

Plans and specifications obtainable from the above office upon deposit of $5.00, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACTS AWARDED

STATE OF OREGON — Bids for bridge construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, March 13, and action taken as follows:

Wallowa County — Construction of composite pile trestle bridge over Wallowa River, two 6 ft. x 3 ft. concrete box culverts and extensions to three concrete box culverts on the Enterprise-Joseph Section of the Wallowa Lake Highway. Requires approximately 90 cu. yds. excavation; 530 lin. ft. treated piling; 160 cu. yds. concrete; 28,000 lbs. metal reinforcement; 15 M-FBM treated lumber and 144 lin. ft. composite handrail.

Awarded: Homer G. Johnson, Portland, $8399.

Multnomah County—Construction of steel and timber overcrossing over Union Pacific Railroad on Halsey St. (Barr Road) just east of Portland. Requires approximately 16,200 cu. yds. excavation; 8,200 lin. ft. treated piling; 840 cu. yds. concrete; 156,000 lbs. metal reinforcement; 92,000 lbs. structural steel; 188 M-FBM treated lumber; 1,300 lin. ft. cable guard fence; 2,500 cu. yds. gravel sub-base; 800 cu. yds. crushed rock surfacing materials and 4,800 sq. yds. asphaltic concrete pavement.

Low Bidder: Tom Lillebo, Reedsport, $72,927.

Bids referred to the Engineer with power to award contract.

22—DREDGING, HARBOR WORKS, EXCAVATION

NO BIDS RECEIVED

SAN FRANCISCO. — No bids were received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Proposal No. 868-36-2, for constructing a fill about 15,670,000 c.y. in volume, on the shoal in San Francisco Bay, north of Yerba Buena Island, and constructing a rubble retaining wall, involving about 180,300 tons of rock, for enclosing the upper levels of said fill. The site is to be reclaimed for a municipal airport and for the 1939 Bay Bridge Exposition.

Work will be financed with $3,043,120 allotment of WPA funds.

CONTRACT AWARDED

YERBA BUENA ISLAND, Calif.—Healy-Tibbitts Construction Co., 64 Pine Street, San Francisco, at $358 awarded contract by the Navy Department, Washington, D. C., under Spec. No. 8172, for furnishing and driving four 60-ft. piles, creosoted, for small boat landing at the U. S. Naval Receiving Station, Yerba Buena Island.

Complete bids published March 5.

CONTRACT AWARDED

SAN FRANCISCO.—Ben C. Gerwick Inc., 112 Market St., at $2,059.50 was awarded contract by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Proposal No. ER-868-5, for furnishing and driving 70 rough untreated piles of varying lengths on the shoal in San Francisco Bay north of Yerba Buena Island.

23—IRRIGATION PROJ.

March 19, 1936

BIDS WANTED

YAKIMA PROJECT, Washington—Until April 13, 10 A. M., bids will be received by the Bureau of Reclamation, Yakima, under Spec. No. 675, for the construction of earthwork, canal lining, and structures, Station 313+00 to Station 576+81.5, Yakima Ridge Canal, Roza Division, Yakima Project, Washington.

The work is located near Yakima, and the principal items of work involved are:

(1) 746,500 cu. yds. all classes excavation for canal;
(2) 9400 cu. yds. all classes excavation for structures;
(3) 160,000 station cu. yds. overhaul;
(4) 24,000 cu. yds. compacted embankment;
(5) 6000 sq. yds. preparing foundations for concrete lining in rock excavation;
(6) 82,000 sq. yds. trimming canal section in earth for concrete lining;
(7) 4500 cu. yds. backfill about structures;
(8) 1100 cu. yds. concrete in structs;
(9) 9770 cu. yds. concrete in canal lining;
(10) 100 sq. yds. dry-rock paving;
(11) 2000 cu. yds. gravel blanket on inside slopes of canal embankment;
(12) Placing 120,000 lbs. reinf. bars;
(13) Laying 400 lin. ft. 12-in. diam. concrete pipe;
(14) Erecting 40 M. ft. b.m. timber in structures;
(15) Construct 16,800 lin. ft. 6-in. dia. sewer-pipe drains;
(16) Install 3850 lbs. gates and other metalwork.

Work shall be commenced within 30 calendar days and completed within 350 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Yakima, Washington; Denver, Colo.; or Washington, D. C., without charge to prospective bidders; to others, $1.50 not returnable. 23

PERMITS ISSUED

SACRAMENTO, Calif. — Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during the month of February, 1936:

4695, Application 8506 (Los Angeles County), issued to U. S. Angeles National Forest, Los Angeles, Calif., February 6, 1936, for 0.005 c.f.s. from Tie Canyon Spring, for domestic and recreational purposes. Estimated cost $500.

4696, Application 7402 (Placer Co.). Issued to Palmer Gillette, Hollywood, Calif., February 10, 1936 (1) 75, and (2) 25 c.f.s., total 100 c.f.s. from (1) El Dorado Canyon, and (2) W. Br. El Dorado Canyon, for mining and domestic purposes.

4697, Application 7806 (Placer County). Issued to Palmer Gillette, Hollywood, Calif, February 10, 1936, for 25 c.f.s. from Volcano Creek, for mining and domestic purposes.

4698, Application 8484 (Riverside County). Issued to Joseph Dempsey, Riverside, Calif., February 10, 1936, for 2880 gals. per day from an unnamed spring, for domestic purposes. Estimated cost $100.

4699, Application 8187 (Butte County). Issued to Parrott Investment Company, San Francisco, Calif., February 18, 1936, for 100 c.f.s. or 5060 acre feet per annum from Big Butte Creek, for irrigation of 17,427 acres. Estimated cost $50,000.

4700, Application 8188 (Butte County). Issued to M. & T. Incorporated, San Francisco, Calif., February 18, 1936, for 100 c.f.s. or 5060 ac. ft. per annum from Big Butte Creek, for irrigation of 3620 acres. Estimated cost $50,000.

4701, Application 8435 (Siskiyou Co.). Issued to A. R. Leff, Sawyers Barr, February 20, 1936, for 3 c.f.s., from Murder Gulch, for mining purposes. Estimated cost $500.

4702, Application 8479 (Trinity Co.). Issued to J. J. Scannell, W. S. Ryder and J. C. Knight, Oakland, Calif., February 20, 1936, for 0.35 c.f.s., from E. Fk. Kingsbury Gulch, for mining and domestic purposes. Estimated cost $75.00.

4703, Application 8346 (Siskiyou Co.). Issued to L. A. Strouss, Clear Creek, Calif., February 25, 1936, for 1.0 c.f.s. from Carter Creek, for domestic purposes and irrigation of 25 acres. Estimated cost $300.00.

4704, Application 8513 (Siskiyou Co.). Issued to F. H. McGinnis, Seiad Valley, Calif., February 27, 1936, for 3 c.f.s., from School House Creek, for mining and domestic purposes.

APPLICATIONS FILED

SACRAMENTO, Calif.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during the month of February, 1936:

8548 (Trinity County). O. G. Rollenhagen and L. A. Radke, Hayfork, Cal., for 3 c.f.s., from Bear Creek Tributary to Trinity River to be diverted for mining purposes. Estimated cost $250.

8549 (Los Angeles County), June N. Hanby, Los Angeles, Calif., for 0.25 c.f.s., from an unnamed stream tributary to San Francisquito Canyon to be diverted for irrigation and domestic purposes on 30 acres. Estimated cost $300.

8550 (Sierra County). Fred A. Carpenter, Strawberry Valley, Calif., for 3 c.f.s. from Phelan Bean Ravine Tributary to Rock Creek to be diverted for mining purposes.

8551 (Inyo Canyon), Fred R. Smith and L. O. Day, Bishop, Calif., for 25 c.f.s., from Black Canyon Spring Tributary to Owens River, to be diverted for mining and domestic purposes. Estimated cost $500.

8552 (Orange County). George H. Veeh, Santa Ana, Calif., for 108.5 ac. ft. per annum, from an unnamed gulch tributary to Newport Bay to be diverted for irrigation and domestic purposes on 54 acres.

8553 (San Bernardino County). The Committee for the Mojave River Co. Water District, Helendale, Calif., for 400 c.f.s., from Mojave River at Lower Narrows, to be diverted for irrigation purposes on about 20,000 acs. Estimated cost $57,000.

8554 (Ventury County). Mildred C. Reynolds, Frazier Park, Calif., for 30,000 gallons per day from a well tributary to Seymour Creek, to be diverted for mining purposes. Estimated cost $1100.

8555 (Shasta County). F. F. Ford, Trustee for Pioneer Dredging Co., Oroville, Calif., for 2.25 c.f.s., from Sacramento River to be diverted for mining purposes. Estimated cost $25,000.

8556 (Riverside County). George B. Roberson, Palm Springs, Calif., for 0.125 c.f.s., from a spring tributary to Carrizo Creek, to be diverted for domestic purposes. Estimated cost $100.

8557 (Sierra County). Carl J. Johnson and D. H. Casey, Downieville, Calif., for 10 c.f.s., from Oregon Creek tributary to Middle Fork Yuba River, to be diverted for mining purposes.

8558 (San Bernardino County). Everett H. Swing, San Bernardino, Cal., for 300 c.f.s., from Mojave River, to be diverted for irrigation and domestic purposes on 15,000 acres. Estimated cost $1,646,000.

8559 (Butte County). Parrott Investment Company, San Francisco, Calif., for 50 c.f.s., from Big Butte Creek tributary to Sacramento River, to be diverted for irrigation purposes on 17,427 acres. Estimated cost $50,000.

8560 (Calaveras County). East Fork Mines, Oakland, Calif., for 40 c.f.s., from O'Neill and McKinney Creeks tributary to Calaveras River, to be diverted for mining purposes.

8561 (Contra Costa County). Thomas Telfer, Concord, Cal., for 2 c.f.s. from Pine Creek, tributary to San Pablo Bay, to be diverted for irrigation purposes on 93 acres.

8562 (Del Norte County). Joseph W. Payne, et al., of 610—30th St., Oakland, Calif., for 20 c.f.s., from Falls Creek, Elkhorne Creeks and unnamed springs tributary to So. Fk. Smith River, to be diverted for mining purposes. Estimated cost $2,500.

8563 (El Dorado County). Henry J. Garibaldi, Amador City, Calif., for 3 c.f.s. from So. Fk. or So. Fk., Cosumnes River tributary to Cosumnes River, to be diverted for mining and domestic purposes.

8564 (El Dorado County). Fallen Leaf Camp Association, care of J. C. L. Fish, Stanford University, Calif., for 0.0085 c.f.s. from an unnamed stream tributary to Fallen Leaf Lake to be diverted for domestic purposes. Estimated cost $800.

8565 (Butte County). M. & T. Incorporated, care of Pillsbury, Madison & Sutro, Attys., San Francisco, Calif., for 50 c.f.s., from Big Butte Creek, tributary to Sacramento River, to be diverted for irrigation purposes on 3620 acres.

8566 (Amador County). Sierra Mountain Water Co., 410 E. Market St., Stockton, Calif., for 300,000 ac. ft. per annum from Consumnes River, to be diverted for municipal purposes for City of Stockton. Estimated cost $7,200,000.

8567 (Amador County). Seirra Mountain Water Co., 410 E. Market St., Stockton, Calif., for 300,000 ac. ft. per annum from Cosumnes River, to be diverted for power purposes. 13840 t.h.p. to be developed.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

BONNEVILLE, Ore.—Following bids received by the U. S. Engineer Office, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, Portland, under Bid No. 694-36-264 for manufacturing and delivering 2400-volt metal clad switch gear for the power house station service system, Bonneville Dam.

(1) One lot 2400-volt metal clad switch gear and spare parts;
(2) Services of supervising erecting engineer during erection and installation of the switch gear, 90 man-days.

General Electric Co., Schenectady, N. Y.: (1) $75,959; (2) $1,980; total, $77,949.

Delta-Star Electric Co., Chicago: (1) $77,600; (2) $1,980; total, $79,580.

Westinghouse Electric and Mfg. Co., Portland: (1) $77,834; (2) $1,980; total, $79,814.

Bids held under advisement.

CONTRACTS AWARDED

DENVER, Colo.—Contracts for furnishing needle valves for various projects under Spec. No. 664, have been awarded by the Bureau of Reclamation, Denver, as follows:

(1 and 2) Two 36-in. interior or internal differential needle valves for Agency Valley Dam, Vale Project, and two 36-in. valves for Moon Lake Proj-

ect, Utah, awarded Joshua Hendy Iron Works, San Francisco, $16,733.90.

(3) Two 48-in. valves for Taylor Park Dam, Uncompahgre Proj., Colorado, awarded Hardie-Tynes Mfg. Co. Birmingham, Ala., $16,173.36.

(8 and 9) Two 60-in. valves and two 84-in. valves for Seminoe and Alcova Dams, Casper-Alcova Project, Wyo., awarded Hardie-Tynes Mfg. Co., Birmingham, Ala., $50,273.48.

BIDS OPENED

ALAMEDA AND CONTRA COSTA Cos., Cal.—K. I. Dowdy, 52 Ottawa Ave., San Francisco,at $1.62 per hour for hand loading and Eugene Della Rosa, Martinez, at $1.85 per hour for power loading submitted low bids to the Division of Highways, Jno. H. Skeggs, District Engineer, for the rental of two only pnumatic tired dump trucks, body capacity not less than 1½ cu. yd., chassis weight not less than 2800 lbs., for approximately 400 hours, to be used in Alameda and Contra Costa Counties.

Complete bids follow:

HAND LOADING

K. I. Dowdy, San Francisco, $1.62.

Oscar A. Davis, Oakland, $1.65.

E. Della Rosa, Martinez, $1.69.

Identical bids at $1.71 submitted by: J. Hargar, S. F.; Portola Truck Service, S. F.; G. W. Westover, Hayward; O. DeShon, Hayward; Rock & Gravel Truck Co., Oakland; N. P. Van Valkenburgh, L. A.; Geo. D. Prentice Jr., Oakland; C. Mankel, Sacramento; Daniel Gallagher, S. F.; W. Motta, Oakland; A. L. Green, Oakland, and Joe Cunha, Hayward.

Identical bids at $1.72 submitted by: Walter Ryals, Pasadent, and L. A. Herlyck, Pasadena.

Paul Nelson, Redwood City, $2.

POWER LOADING

E. Della Rosa, Martinez, $1.85.

Identical bids at $1.87 submitted by: Joseph Hargar, S. F.; Portola Truck Service, S. F.; G. D. Westover, Hayward; D. DeShon, Hayward; C. Mankel, Sacramento, and W. Motta, Oakand.

Bids held under advisement.

BIDS OPENED

EUREKA, Cal.—C. & L. Trucking Co., 139 Cora St., San Francisco, at $2.31 per hour submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of three 3-yd. dump trucks for approximately 500 hours each, for work under power shovels for hauling gravel, slide material, etc.

Complete bids follow:

C. & L. Trucking Co., San Francisco $2.31 per hour.

Daniel Gallagher T. M. & R. Co., San Francisco, $2.33.

Smith & Halbasch, Sacramento. $2.57.

W. K. Walker, San Francisco, $2.93.

Wm. Kern, Weott, $3.00.

Dewars Express, Eureka, $3.00

BIDS OPENED

MESA, Arizona—Following bids received by the Bureau of Reclamation, Denver, March 16, under Spec. No. 671, for furnishing (1) one vertical-shaft, 11,500 h.p., 214-r.p.m. hydraulic turbine or (2) a new plate-steel scroll case, speed ring and draft - tube liner for the 11,500 h.p. S. Morgan Smith Co. vertical shaft hydraulic turbine now installed in the power plant; and (3) one 102-in. diam. butterfly valve with operating mechanism, for installation in the Mormon Flat power plant of the Salt River Project, Arizona:

S. Morgan Smith Co., York, Pa.: (1) $38,790; (2) $15,425; (3) $14,650; (1 and 3) $51,440; (1, 2 and 3) $65,865.

Newport News Shipbuilding & Dry Dock Co., New York City: (1) $48,403; (2) no bid; (3) $19,770; 1 and 3) $66,345; f.o.b. Newport News, Va.

Allis Chalmers Mfg. Co., Milwaukee: (1) $45,132.75; (2) no bid; (3) $16,500.

Joshua Hendy Iron Works, San Francisco: (1) no bid; (2) no bid; (3) $12,938; f.o.b. Sunnyvale.

Hardie-Tynes Mfg. Co., Birmingham, Ala.: (1) no bid; (2) no bid; (3) $19,000.

All bids net.

Bids held under advisement.

BIDS OPENED

SAN MATEO AND SANTA CLARA AND SANTA CRUZ COUNTIES, Cal. —F. A. Lance, 48 Atlas Ave., San Jose, at $3.20 per hour submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one only ⅜-cu. yd. power shovel, equipped with interchangeable shovel dipper or clamshell bucket and boom, and suitable trailer for moving between assignments while on the job, used in San Mateo, Santa Clara and Santa Cruz Counties.

Complete bids follow:

F. A. Lance, San Jose	$3.20
Rock & Gravel Trucking Co., Oakland	3.65
Pacific Truck Service, San Jose	3.74
F. O. Bohnet Co., Campbell	4.00
L. C. Smith, San Mateo	4.15
C. Mankel, Sacramento	5.25
Harrison & Harrison, Oakland	6.00
Western Crane Service, Oakland	6.00
Chas. L. Harney, San Francisco	6.75

26— RAILROADS

March 13, 1936

CONTRACT AWARDED

HICKAM FIELD, T. H.—Max W. Moody, Honolulu, at $57,933 submitted low bid and awarded contract by Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W-397-36-5, for construction of a railroad track and sidings, standard 3-ft. gauge, at Hickam Field, and the salvaging of all existing track.

Complete bids follow:

Max W. Moody, Honolulu: (1) $57,-933; (2) deduct $3,130; (3) deduct $920.

Hawaiian Contr. Co., Honolulu: (1) $68,515; (2) deduct $2,996; (3) deduct $767.

George Hess, Honolulu: (1) $71,690; (2) deduct $2,800; (3) deduct $1,100.

Young Engr. Corp., Ltd., Honolulu: (1) $77,900; (2) deduct $2,500; (3) deduct $1,200.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

CONTRA COSTA COUNTY, Calif.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $33,426 awarded contract by the State Highway Commission, Sacramento, for constructing shoulders of crusher run base and applying seal coat thereon on about 16.6 miles in Contra Costa County between Antioch and Borden Highway.

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—Mercer-Fraser Co., Second and Commercial Sts., Eureka, at $69,338.95 awarded contract by State Highway Commission, Sacramento, for about 1.5 miles grading and surfacing with bituminous treated crushed gravel or stone in Eureka, Humboldt County, between the southerly city limits and Wabash Avenue.

CONTRACT AWARDED

MONTEREY COUNTY, Cal.—A. J. Raisch Co., Lincoln Ave. and San Salvador St., San Jose, at $134,348.35 awarded contract by the State Highway Commission, Sacramento, for about 8.3 miles grading and surfacing with plant-mixed surfacing in Monterey County between Soledad and Gonzales.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing steel tunnel sets under Spec. No. 1903 were opened by D. P. Nicklin Purchasing Agent of the Los Angeles Water & Power Bureau, 207 S Broadway, March 16.

The bids were taken as follows:

(1) 500 sets 5-in., 12¼ lb. I-beam sets
  (a) Fob cars or trucks, bidder's plant;
  (b) Fob cars Lone Pine.

(2) 250 sets 6x6-in., 20 lb., H-beam sets:
  (a) Fob cars or trucks, bidder's plant;
  (b) Fob cars Lone Pine.

The bidders were:

(A) Youngstown Steel Car Corp., Niles, Ohio. Terms ½ of 1% 20 days; weights (1) 32,800 lbs.; (2) 59,000 lbs. Option granted.

(B) Southwest Welding & Mfg. Co., Alhambra. Terms ¾ of 1% 20 days; weights (1) 37,600 lbs.; (2) 63,300 lbs. Option granted.

(C) Commercial Shearing & Stamping Co., Youngtown, Ohio. Terms ½ of 1% 20 days; weights (1) 33,600 lbs.; (2) 58,600 lbs. Option granted.

(D) Consolidated Steel Corp., Los Angeles. Terms net; weights (1) 33,-540 lbs.; (2) 58,250 lbs. Option granted.

(E) Consolidated Steel Corp., Los Angeles. Alternate bid for truck delivery to Lone Pine only.

(F) Bethlehem Steel Co., Los Angeles. Terms net; weights (1) 34,600 lbs.; (2) 59,800 lbs. Option granted.

The bids, showing prices per set, were:

	(1a)	(1b)	(2a)	(2b)
(A)	$9.55	$12.75	$18.40	$24.10
(B)	18.50	21.06	29.00	33.30
(C)	8.00	.....	14.41	.....
(D)	11.75	13.43	22.76	25.67
(E)	.....	12.78	.....	24.56
(F)	11.42	.....	25.60	.....

BIDS WANTED

HICKAM FIELD, T. H.—Until Apr. 3, 2 P. M., bids will be received by Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, T. H., under Bid No. W397-36-9, for the construction of roads at Hickam Field. Work will consist of the excavation, embankment and grading of the roadway, including all clearing and grubbing, shaping, sloping, compacting, constructing shoulders, drainage ditches, etc.

Plans and specifications obtainable from the above office upon deposit of certified check for 5%, payable to the Finance Officer, Fort Shafter, T. H.; and on file at the office of the Constructing Quartermaster, Fort Mason, San Francisco, where they may be viewed by prospective bidders.

CONTRACT AWARDED

IMPERIAL COUNTY, Calif.—V. R. Dennis Const. Co., 3911 Fifth Avenue, San Diego, at $209,844 awarded contract by the State Highway Commission, Sacramento, for about 20.6 miles grading and constructing bridges in Imperial County, on the Calipatria-Imperial Road between New River and a point two miles west of Calipatria.

CONTRACT AWARDED

VENTURA COUNTY, Calif.—C. F. Robbins, 602 Fairmount Ave., Glendale, at $65,321 awarded contract by the State Highway Commission, Sacramento, for about 2.8 miles grading and applying road-mix surface treatment in Ventura County between East Casitas Pass and Coyote Creek.

CONTRACT AWARDED

VENTURA COUNTY, Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at $67,523.05 awarded contract by the State Highway Commission, Sacramento, for about 4.9 miles widening roadbed and placing widening strip of Portland cement concrete pavement in Ventura County between Oxnard and Heuenme Road.

CONTRACT AWARDED

NAVAJO & APACHE COUNTIES, Arizona—Lee Moor Contracting Co., Bassett Tower Bldg., El Paso, Texas, at $52,914 submitted low bid and awarded contract by Arizona Highway Commission, Phoenix, for construction on the Holbrook-St. John Highway, WPH 6-A, AFE 2658. The work which is located about 38 miles southeast of Holbrook, consists of grading and draining of 3 miles of roadway, and the furnishing and placing aggregate base course and SC-2 road oil dust palliative, and is to be completed on or before August 15, 1936. The principal items and approximate quantities are:

36,000 cu. yds. roadway excavation;
5,400 cu. yds. drainage excavation;
800 cu. yds. structural excavation;
30,400 cu. yds. imported borrow;
33,000 cu. yds. mi. imported borrow haul;
10,400 tons aggregate base course;
232 cu. yds. concrete;
18,500 lbs. reinf. steel;
31,700 lin. ft. line fence;
150 M gals. sprinkling;
150 hours rolling;
24,800 gals. SC-2 road oil;
340 lin. ft. treated timber piles;
24 each placing piles in framed bents;
19 M.B.M treated timber;
1 M.B.M. untreated timber;
100 sq. yds. furnishing and placing oil mix.

Ken Hodgman, Pasadena, submitted the second bid at $54,515. *

BIDS WANTED

ALL-AMERICAN CANAL.—Until March 30, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, Arizona, under Spec. No. 773-D for the construction of road-mix surface treatment on the construction highway from the Laguna Dam to the Imperial Dam and of trees and parking areas in the Government Camp at Imperial Dam, All-American Canal System, Boulder Canyon Project.

The work is located from 14 to 18 miles northeast of Yuma and the principal items of work involved are:

(1) Distributing 535 tons of asphaltic oil;

(2) Preparing, treating, mixing and shaping 69,200 square yards highway, streets and parking areas;

(3) Hauling, placing and spreading 300 c.y. of pea gravel or sand.

Work shall be commenced within 15 calendar days and completed within 60 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Yuma, or Denver, without charge to prospective bidders; to others, $0.50 per copy, not returnable.

BIDS WANTED

SAN FRANCISCO, Cal.—Until Mar. 25, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,931, for construction of a one-course concrete sidewalk on the northwest side of San Jose Ave., between Havelock St. and Ocean Ave. Estimated cost, $2,200.

The work involves:

(1) 14,200 sq.ft. 3½-in. one course concrete sidewalk;
(2) 300 sq.ft. 6-in. do.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10. *

BIDS WANTED

NYE COUNTY, Nevada—Until Mar. 27, 3 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State highway system in Nye County, Route 4, Sections C2, C3, and D1, between 22 miles west of Lockes and 7 miles east of Lockes, a length of approximately 29.81 miles.

The work involves:

(1) 90 A. clearing and grubbing;
(2) 70 l.f. remove culvert pipe;
(3) 2 each, remove culvert headwalls;
(4) 134,950 c.y. roadway excavation;
(5) 141,230 sta.yds. overhaul;
(6) 48,450 c.y. select borrow;
(7) 23,677 c.y. imported borrow;
(8) 1,900 c.y. structure excavation;
(9) 29.81 mi. subgrade;
(10) 29.81 mi. finish roadway;
(11) 42,450 c.y. selected material surface;
(12) 62,370 tons crushed gravel or stone surface;
(13) 297 c.y. Class A concrete;
(14) 154 c.y. Class B concrete;
(15) 34,960 lbs. reinforcing steel;
(16) 1,800 l.f. 18-in. C.M.P.;
(17) 2,514 l.f. 24-in. C.M.P.;
(18) 55 c.y. hand laid riprap;
(19) 100 each monuments.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. *

BIDS WANTED

LINCOLN COUNTY, Nevada.—Until March 27, 2:30 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Lincoln County, Route 7, Section B3, between Crystal Springs and 14 miles west of Callente, a length of approximately 30.07 miles.

The work involves:

(1) 94,900 c.y. rdwy. excav.;
(2) 63,360 sta. yds. overhaul;
(3) 5,800 c.y. select borrow;
(4) 41,612 c.y. imported borrow;
(5) 1,340 c.y. struc. excav.;
(6) 26.1 miles subgrade;
(7) 3.97 miles reshape roadway;
(8) 30.07 miles finish roadway;
(9) 97,100 tons crush. gravel or stone surface;
(10) 171 c.y. Class A concrete;
(11) 105 c.y. Class B concrete;
(12) 21,160 lbs. reinf. steel;
(13) 3,164 l.f. 18-in. CMP (dipped);
(14) 676 l.f. 24-in. CMP (dipped);
(15) 400 c.y. hand-laid riprap (grouted);
(16) 64 each, monuments;
(17) 1,000 stations surface ditches.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. *

CONTRACT AWARDED

SAN FRANCISCO, Calif.—C. C. W. and H. H. Haun, 666 Mission St., at $1,394 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,823, for the improvement of Prospect Ave., between Cortland Ave. and Santa Marina St. (construction of concrete stairway and retaining wall).

BIDS WANTED

LINCOLN COUNTY, Nevada.—Until March 27, 2:00 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Lincoln County, Route 7, Section D3, between Stonehouse and Pony Springs, a length of approximately 15.73 miles.

The work involves:

(1) 54 l.f. remove culvert pipe;
(2) 38,350 c.y. rdwy. excav.;
(3) 65,592 sta. yds. overhaul;
(4) 24,272 c.y. select borrow;
(5) 1,170 c.y. struc. excav.;
(6) 15.73 miles subgrade;
(7) 15.73 miles finish roadway;
(8) 68,000 tons crush. gravel or stone surface;
(9) 33 c.y. Class B concrete;
(10) 750 lbs. reinforcing steel;
(11) 132 l.f. 15-in. CMP;
(12) 1,280 l.f. 18-in. CMP;
(13) 166 l.f. 24-in. CMP;
(14) 74 l.f. 30-in. CMP;
(15) 174 l.f. 36-in. CMP;
(16) 126 each move pipe culvert headwalls;
(17) 36 each monuments.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. *

LOW BIDDERS

MOHAVE COUNTY, Ariz.—E. L. Yeager, P. O. Box 127, Winslow, at $140,669, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Kingman-Boulder Dam Highway, FLH 2-B, C, D & E; A.F.E. 6906. The work, which begins about 50 miles northwest of Kingman, and extends northwesterly about 25.3 miles to within one mile of Boulder Dam, consists of furnishing and placing aggregate base course, shoulder material and cutback oil cake (either road mix or plant mix method) and is to be completed on or before Dec. 31, 1936. The items and quantities are:

376,000 s.q. reshaping road surface;
1,000 M. gals. sprinkling;
1,000 hours rolling;
29,900 tons aggregate base course (C I P);
5,600 tons shoulder material (CIP);
41,200 tons mineral aggregate (CIP);
1,800 tons cutback asphalt;
317 tons road oil (95 plus);
74,200 gal. road oil (SC-2);
25.3 miles processing road mix;
3,700 tons screenings;
1,000 tons stockpiling dry aggregate
250 tons stockpiled screenings;

ALTERNATE PLANT MIX ITEMS

620 M. gal. sprinkling;
620 hours rolling;
9,000 tons aggregate base course (C I P);
37,900 tons plant mix;
1,500 tons cutback asphalt;
25.3 miles placing plant mix.

N. G. Hill, Phoenix, submitted the second low bid at $142,156.

BIDS WANTED

MARIN AND SONOMA COS., Cal.—Until March 30, 2 P. M., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Building, San Francisco, for treating shoulders with liquid asphalt on about 16.8 miles in Marin and Sonoma Counties between Ignacio Wye and Napa County Line.

The work will require 200 tons of liquid asphalt, SC-2 in place.

Plans and specifications obtainable from the above office. *

BID OPENING POSTPONED

PALO ALTO, Santa Clara County, Calif.—Date for opening bids for paving and sewer construction has been indefinitely postponed by the Palo Alto Board of Public Works, E. L. Beach, Clerk, City Hall. Bids were to have been opened March 13, 4 p.m.

CONTRACTS AWARDED

OREGON STATE.—Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, March 12, and action taken as follows:

Coos and Douglas Counties—Winchester Bay-North Bend Rock Production Project. Furnish approximately 11,000 cu. yds. crushed rock or crushed gravel in stockpile.

Awarded: Umpqua River Navigation Co., Gardner, $29.590.

Klamath county — Klamath Falls-Midland Section of Klamath Falls-Weed Highway, 4.93 miles bituminous macadam surfacing; also furnish 3,000 cu. yds. crushed rock in stockpile. Requires approximately 4,300 cu. yds. excavation; 5,000 lin. ft. cable guard fence; 47,000 cu. yds. crushed rock sub-base, base and shoulder materials; 59,000 sq. yds. bituminous macadam wearing surface; and furnish 3,000 cu. yds. crushed rock in stockpile.

Awarded: Harold Blake, Portland, 124,640.

Multnomah County—Humphrey Boulevard, 45th Avenue and Cameron Road Bituminous Macadam Project on two sections of county road. 3.06 miles surfacing and bituminous macadam wearing surface. Requires approximately 2,400 cu. yds. excavation; 8,800 cu. yds. pit-run gravel sub-base materials; 2,550 cu. yds. crushed gravel base and shoulder materials; 1,000 cu. yds. salvaged surfacing materials; and 33,000 sq. yds. bituminous macadam wearing surface.

Awarded: Harold Blake, Portland, 641,606 (tar).

Wasco County—The Dalles-Threemile Creek Section on three sections of county road. 4.0 miles oil mat surface treatment requiring approximately 35,000 sq. yds. oil mat surface treatment.

Awarded: Warren Northwest, Inc., Portland, $6,871.

Lincoln County—Approaches to Alsea Bay Bridge on Oregon Coast Highway. 0.36 mile grading and rock surfacing; also furnish crushed rock in stockpile. Requires approximately 20,000 cu. yds. excavation; 240 lin. ft. concrete curb; 70 cu. yds. cement rubble masonry walls; 5,600 cu. yds. crushed rock surfacing materials; and 1,900 cu. yds. crushed rock in stockpile.

Awarded: Saxton & Looney and J. S. Risely, Portland, $25,352.

Bids on the following projects in Columbia and Lane Counties were rejected:

Columbia County—Columbia County Oiling Project on four sections of county road. 8.46 miles crushed rock surfacing and oil mat surface treatment. Requires approximately 2,650 cu. yds. crushed rock surfacing materials; and 86,000 sq. yds. oil mat surface treatment.

Low bid submitted by J. C. Compton, McMinnville, at $29,807 (tar).

Columbia County — Mist-Pittsburgh Section of Nehalem Secondary Highway and Mist-Clatskanie Secondary Highway. 11.63 miles crushed rock resurfacing and oil mat surface treatment; also furnish 2,000 cu. yds. crushed rock in stockpile. Requires approximately 3,000 cu. yds. crushed rock surfacing materials; 123,000 sq. yds. oil mat surface treatment and 2,000 cu. yds. crushed rock in stockpile.

Low bid submitted by Dolan Const. Co., Tillamook, at $54,976 on oil and at $54,940 on tar.

Lane County—Approaches to Siuslaw River Bridge on Oregon Coast Highway. 0.47 mile grading and rock surfacing; also furnish 300 cu. yds. crushed rock in stockpile. Requires approximately 11,500 cu. yds. excavation; 750 lin. ft. concrete curb; 70 lin. ft. timber stairs; 2,000 cu. yds. sub-base materials; 1,600 cu. yds. crushed rock or crushed gravel surfacing materials; and furnish 300 cu. yds. crushed materials in stockpile.

Low bid submitted by Homer G. Johnson, Portland, at $21,976.

Work will be done by force account.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on March 25 and in Los Angeles on March 26:

IV-Nap-8-B, between the Napa City limits and Napa Wye; bids open Mar. 25; PLANS (No. of Sheets) 4; (Cost) $0.40; No Cross-Sections; (Total) $.40.

VI-Mad-125-C, bet. Keishaw Corners and Coarse Gold; bids open March 25: PLANS (No. of Sheets) 23; (Cost) $2.30; CROSS-SECTIONS (No. Sheets) 214; (Cost) $21.40; (Total) $23.70.

VII-L. A.-23-G, bet. Lancaster and Kern County Line; bids open March 26: No Plans nor Cross-Sections.

VIII-SBd-26-A, bet. Santa Ana River and Alabama St.; bids March 26: PLANS (No. Sheets) 19; (Cost) $1.90; CROSS-SECTIONS (No. of Sheets) 83 (Cost) $8.30; (Total) $10.20.

VIII-SBd-191-A, at Little Mountain Entrance to San Bernardino; bids open March 26: PLANS (No. Sheets) 6; (Cost) $0.60; CROSS-SECTIONS (No. of Sheets) 14; (Cost) $1.40; (Total) $2.00.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

NOTICE TO BIDDERS

RIVERSIDE COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project Riverside County, between Box Springs and 3 miles east of Moreno, road VIII-Riv-19- 194-C.C, for which bids are to be received in Los Angeles on April 2.

Said representative will meet prospective bidders at Cowboy Service Station on Box Springs Grade, about 4½ miles east of Riverside business district on Friday, March 20, and 27, at 1:00 P. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

CONTRACT AWARDED

MARIN COUNTY, Cal. — E. Forde, 640 Redhill Ave., San Anselmo, at $21-994 awarded contract by State Highway Commission, Sacramento, for 2.4 miles surfacing with crusher run base plant-mixed surfacing, and armor coat in Marin County between Route 1 and Point San Quentin.

COMPLETE BID LISTING

INYO COUNTY, Cal.—Young & Son Co., Ltd., 599 Colusa Ave., Berkeley, at $12,723.50, as previously reported, submitted low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, for grading 1.8 miles in Inyo County between eight miles southeast of Keeler and Centennial Wash.

The work involves:

(1) 26,500 c.y. rdwy. excav., unclass.;
(2) 67,000 sta. yds. overhaul;
(3) 100 c.y. structure excavation;
(4) 250 l.f. 18-in. CMP;
(5) 42 each, monuments.

Total bids follow:

(A) Young & Son Co., Ltd., Berkeley: $12,723.50.
(B) A. S. Vinnell Co., Los Angeles: $19,395.00.
(C) Basich Bros., Torrance: $22,193.

Unit bids follow:

	(A)	(B)	(C)
(1)	$0.45	$0.70	$0.77
(2)	.005	.008	.01
(3)	1.50	1.00	2.00
(4)	.75	.50	3.00
(5)	3.00	2.00	4.00

BIDS OPENED

ALAMEDA, Alameda Co., Calif.—Heafey-Moore Co., 344 High St., Oakland, at $22,179.95 submitted low bid to the Alameda City Council for the improvement of Maitland Drive, consisting of resurfacing present pavement and other incidental work, involving:

(1) 2117 tons asphaltic concrete leveling course;
(2) 1650 tons asphaltic top concrete, Type D;
(3) 3081 tons of crusher run base and shoulders;
(4) 8000 sq. ft. rock gutter;
(5) 18,000 sq. ft. ditch grading;
(6) 37,160 sq. ft. armor coat for shoulders;
(7) 130 l.f. 8-in. corrugated metal pipe culvert in place;
(8) 80 l.f. 8-in. do:
(9) 3 c.y. Class A concrete for headwalls.

Total bids follow:

(A) Heafey-Moore Co., Oakland, $22,-179.95.
(B) Independent Const. Co., Oakland, $22,874.50.
(C) Union Paving Co., San Francisco, $27,445.95.

Unit bids follow:

	(A)	(B)	(C)
(1)	$3.80	$4.10	$4.55
(2)	3.80	4.35	4.60
(3)	1.75	1.30	2.00
(4)	.12	.15	.25
(5)	.02	.03	.07
(6)	.0225	.025	.01
(7)	1.15	1.30	1.50
(8)	1.35	1.50	2.00
(9)	20.00	18.00	25.00

Bids held under advisement.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until March 30, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of Page, Foots and Hopkins Streets at Campbell.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1.

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until March 24, 10 A. M., bids will be received by Berkeley City Council, Florence Turner, City Clerk, for the extension of Sutter Street from Shattuck Ave. to Rose St., east of the Southern Pacific electric tracks.

(1) 7,000 sq. ft. grading;
(2) 10 c.y. grading below subgrade;
(3) 520 l.f. concrete curb and gutter;
(4) 110 l.f. concrete curb;
(5) 4,300 sq. ft. crusher run base;
(6) 4,300 sq. ft. bituminous surfacing
(7) 370 sq. ft. bituminous resurfacing
(8) 500 sq. ft. asphaltic concrete pavement;
(9) 650 sq. ft. asphaltic concrete resurfacing;
(10) 100 sq. ft. sidewalk reconstruction;
(11) 35 l.f. 10-in. pipe culvert;
(12) 80 l.f. 8-in. pipe culvert;
(13) 2 curb inlets;
(14) One catchbasin;
(15) 2 hand holes.

Plans and specifications obtainable from the office if City Engineer Harry Goodridge upon deposit of $10.00.

BIDS WANTED

MODOC COUNTY, Cal.—Until April 8, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 5.1 miles grading and surfacing with road-mix surfacing in Modoc County between Adin and Rush Creek.

The work involves:

(1) 1,250 c.y. rdwy. excav. (Location A);
(2) 41,000 c.y. do (Location B);
(3) 900 c.y. imported borrow;
(4) 1,025 c.y. struc. excav.;
(5) 75 c.y. ditch and channel excav.;
(6) 26,500 sta. yds. overhaul;
(7) 264 sta. finishing rdwy.;
(8) 240 tons liquid asphalt ROMC-3 or 4;
(9) 4,100 c.y. mineral aggregate;
(10) 8,600 lbs. bar reinf. steel;
(11) 80 c.y. Portland cement concrete (struc.);
(12) 43 each headwalls removed and reset;
(13) 116 l.f. 12-in. CMP;
(14) 456 l.f. 15-in. CMP;
(15) 68 l.f. 18-in. CMP;
(16) 337 l.f. pipe culverts removed & relayed;
(17) 52 each culvert markers;
(18) 36 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

BIDS WANTED

SONOMA COUNTY, Calif.—Until March 30, 2 P. M., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for applying penetration oil treatment to existing shoulders on about 19.1 miles in Sonoma County between Forestville and Cotati.

The work involves:

(1) 150 tons liquid asphalt, SC-1A, in place;
(2) 95 tons liquid asphalt, SC-2, in place;
(3) 300 tons screenings.

Plans and specifications obtainable from the above office.

BIDS WANTED

SONOMA COUNTY, Calif.—Until March 30, 2 P. M., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for applying penetration oil treatment to shoulders on about 15.2 miles in Sonoma County between Lytton and Cloverdale.

The work will require 150 tons of liquid asphalt, SC-2, in place.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

KERN COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $86,146.80 awarded contract by the State Highway Commission, Sacramento, for about 4.9 miles grading, applying road-mix surface treatment and constructing a timber bridge in Kern County between Eric and La Rose.

NOTICE TO BIDDERS

RIVERSIDE COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project Riverside County, between Bendel's Corner and Imperial County Line, road XI-Riv-26-G for which bids are to be received in Los Angeles on April 2.

Said representative will meet prospective bidders at The Oasis Store approximately 21 miles south of Indio, on Monday, March 30, at 1:00 P. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

March 19, 1936

CONTRACTS AWARDED

STATE OF OREGON.—Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, March 13, and action taken as follows:

Clatsop and Tillamook Counties—Bear Creek - Bare Mountain Summit Section of Wolf Creek Highway; 2.17 miles grading, requiring approximately 154,000 c.y. excavation; 50 c.y. concrete, and 7,500 lbs. metal reinforcement.

Low Bidder: J. A. Lyons, 33rd and Halsey, Portland, $110,050. Bids referred to Engineer with power to award contract.

Crook and Deschutes Counties—Redmond Rock Production Project. Furnish approximately 8,700 cubic yards crushed gravel in stockpile.

Awarded: Babler Bros., 2407 N 28th, Portland, $16,560.

Lincoln County—Approaches to Yaquina Bay Bridge on Oregon Coast Highway; 0.64 mile grading, 0.56 mile bituminous macadam surfacin, and furnishing crushed rock in stockpile. Excavation; 48,000 c.y. special borrow materials; 850 l.f. concrete curb; 375 c.y. Class D concrete; 46,000 lbs. metal reinforcement; 2350 c.y. rock sub-base materials; 2900 c.y. crushed rock surfacing materials; 7,200 sq. yds. bituminous macadam wearing surface; and furnish 4,500 c.y. crushed rock in stockpile.

Low Bidder: H. G. Johnson, 1136 NE Woodlawn, Portland, $69,655. All bids rejected, to be readvertised.

Morrow County—Roadside oases nr. Castle Rock and Boardman on Columbia River highway. Development of two artificial oases. Requires drilling of two 8-in. wells; construction of two pump houses; installation of pipe lines and other irrigation facilities; erection of 406 rods woven wire fence, and planting of trees, shrubs and lawn grass.

Low Bidder: O. N. Pierce and Frank Conner, 4226 NE 10th, Portland, $8,290. Referred to Engineer with power to award contract.

Sherman County—Biggs-Moro Rock Production Project. Furnish approximately 5,500 cu. yds. crushed rock in stockpile.

Low Bidder: H. C. Rogers, Yakima, $9,597. Referred to engineer with power to award contract.

Yamhill County—Yamhill Co. Oiling Project on four sections of county road; 0.79 mile grading, 4.06 miles rock surfacing, 0.68 mile bituminous macadam wearing surface, and 3.61 miles oil mat surface treatment. Requires approximately 5,300 c.y. excavation; 2,700 c.y. rock or gravel subbase materials; 5,300 c.y. crushed rock or crushed gravel surfacing materials; 7,400 sq. yds. bituminous macadam wearing surface, and 37,000 sq. yds. oil mat surface treatment.

Awarded: J. C. Compton, McMinnville, $39,612 (tar).

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on April 1, and in Los Angeles on April 2:

IV-C.C-75-D, bet. the county road to Byron and easterly boundary; bids to be opened April 1: No Plans nor Cross-Sections.

VII-Ora-181-182-Ora, in the city of Orange, Chapman Ave. and Glassell St.; bids to be opened April 2: PLANS (No. of Sheet) 6 (Cot) $.60; No Cross Sections; (Total) $0.60.

VIII-SBd-19-194 - C.C, between Box Springs and 3 miles east of Moreno; bids to be opened April 2: PLANS: (No. Sheets) 29; (Cost) $2.90; CROSS-SECTIONS (No. Sheets) 250; (Cost) $25; (Total) $27.90.

XI-Riv-26-G, bet. Bendel's Corner and Imperial County line; bids to be opened April 2: PLANS (No. Sheets) 16 (Cost) $1.60; CROSS - SECTIONS: (No. of Sheets) 34 (Cost) $3.40; (Total) $5.00.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento. 29

BIDS WANTED

SAN FRANCISCO—Until March 27, 11:30 A. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,929, for the construction of a sewer in Anza St., between Arguello Blvd. and Parker Ave. Estimated cost $4500.

The work involves:

(1) 7 brick manholes, complete;
(2) 80 lin. ft. 8-in. V.C.P. sewer, in place;
(3) 420 lin. ft. 12-in. V.C.P. sewer, in place;
(4) 210 lin. ft. 15-in. V.C.P. sewer, in place;
(5) 390 lin. ft. 18-in. V.C.P. sewer, in place;
(6) 290 lin. ft. 21-in. V. C. P. sewer, encased in concrete, in place;
(7) 1 8x6-in. V.C.P. wye branches, in place;
(8) 7 12x6-in. V.C.P. wye branches, in place;
(9) 1 15x6-in. V.C.P. wye branches, in place;
(10) 1 18x6-in. V.C. P. wye branches, in place;
(11) 2 21x8-in. V.C.P. wye branches, encased in concrete;
(12) 300 lin. ft. 6-in. V.C.P. side sewers, in place;
(13) 56 lin. ft. 8-in. V.C.P. side sewers in place.

Plans and specifications obtainaable from the office of City Engineer John

J. Casey, Room 351, City Hall, upon cash deposit of $10. * 29

BIDS OPENED

SAN FRANCISCO—M. Betrolino, 32 Shotwell St., at $24c per sq. ft. submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,915, for the construction or reconstruction of approximately 10,000 sq. ft. of one-course concrete sidewalks on Chestnut and other streets.

Complete bids follow:

M. Bertolino, 24c per sq. ft.
D. C. McCabe, 27c per sq. ft.
E. J. Treacy, 28o per sq. ft.
Bids held under advisement.

BIDS WANTED

SAN FRANCISCO—Until March 27, 11:30 A. M., bids will be received by the Department of Public Works, W. H. Worden, Director, Room 251, City Hall, under Spec. No. 18,918 for the widening and reconstruction of Eighth Street, between Market and Townsend Streets, a PWA project. Estimated cost $71,737.

The work involves:

(1) 1500 cu. yds. rock fill;
(2) 25,000 sq. ft. remove asphalt-concrete pavement, consisting of a concrete base and asphaltic concrete wearing surface;
(3) 65,000 sq. ft. remove asphalt concrete wearing surface;
(4) 52 catchbasins reset or reconstructed;
(5) 1700 lin. ft. furnish and install 1½ inch conduit;
(6) 52 concrete curb inlets;
(7) 4500 lin. ft. granite curb reset;
(8) 3500 sq. ft. granite curb redressed
(9) 2240 lin. ft. granite curb tangent (new);
(10) 500 lin. ft. granite curb circular (new);
(11) 90 cu. yds. Class B concrete curb backing;
(12) 53,500 sq. ft. 8-in. Class B concrete pavement;
(13) 3600 tons asphaltic concrete base and leveling course;
(14) 2600 tons asphaltic conc. wearing surface;
(15) 385 tons asphaltic concrete conform pavement.
(16) 30 street and traffic signs reset
(17) 11,900 sq. ft. one-course concrete sidewalk;
(18) 5100 sq. ft. asphalt - macadam walk, consisting of a 4-inch rock macadam base and a 1-inch asphaltic concrete wearing surface;
(19) 1100 furnish new cross walk markers;
(20) 650 center line traffic markers, in place;
(21) 15,400 lin. ft. 4-inch white lacquer traffic lines, complete;
(22) 190 lin. ft. 12-in. V.C.P. sewer in place;
(23) 473 lin. ft. 15-in. do;
(24) 70 lin. ft. 24-in. do:
(25) 240 lin. ft. 10-in. culvert in place;
(26) 180 lin. ft. 6-in. side sewers in place;
(27) 630 lin. ft. 6-in. do;
(28) 42 lin. ft. 8-in. culvert in place;
(29) 6 8-in. x 12-in. wye branches in place;
(30) 8 8-in. x 15-in. do;
(31) 4 6-in. x 12-in. do;
(32) 4 6-in. x 15-in. do;
(33) 6 brick manholes complete;
(34) 2 brick catchbasins complete;
(35) 5 manhole frame and covers installed;

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10. *

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until March 30, 11 A. M., as previously reported, bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of Page, Foots and Hopkins Streets at Campbell.

The work involves 33,100 sq. ft. of armor coat resurfacing, oil and screenings.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler, at a charge of $1.

30—RESERVOIRS & DAMS

BIDS WANTED

RIO GRANDE PROJECT, New Mexico-Texas.—Until April 2, 10 A. M., bids will be received by the Bureau of Reclamation, El Paso, Texas, under Spec. No. 672, for construction of the Caballo Dam, Rio Grande Project.

The work is located near Hatch, N. M., and the principal items of work involved are:

(1) 263,000 c.y. stripping;
(2) 499,000 c.y. unclass. open-cut excavation;
(3) 1,035,000 c.y. excav. from borrow pits, common;
(4) 153,500 c.y. do, rock;
(5) 7,000 c.y. tunnel and shaft excavation;
(6) 28,000 c.y. backfill about struc.;
(7) 1,130,000 c.y. earth fill in embankment;
(8) 15,000 c.y. gravel blanket on embankment;
(9) 130,000 c.y. rock fill on downstream slope of dam embankment;
(10) 52,500 c.y. riprap;
(11) 2,620 c.y. conc. in tunnel, shaft, and gate chamber;
(12) 23,750 c.y. conc. in other struc.
(13) 3,000 sq. yds. special finish of concrete surfaces;
(14) 3,000 c.f. pressure grouting;
(15) 1,060 c.y. dry-rock and grouted paving;
(16) Placing 1,580,000 lbs. reinforcement bars;
(17) Driving 600,000 lbs. of sheet steel piling;
(18) Drilling 4,250 l.f. grout and weep holes;
(19) Constructing 8,310 l.f. clay pipe drains;
(20) Furnishing and installing 50,000 lbs. steel tunnel liner plates;
(21) Installing 825,000 lbs. metal work
(22) Installing 200 l.f. electrical metal conduit;
(23) Furnishing 1,200 c.y. surfacing material for highway.

Work shall be commenced within 30 calendar days and completed within 700 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at El Pao, Texas; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $2.50, not returnable.

BIDS WANTED

FRIANT DAM, Calif.—Until April 2, 10 A. M., bids will be received by the Bureau of Reclamation, 206 Old Post Office Bldg., Sacramento, Walker Young, Chief Engineer, for excavation of Friant Dam site, Central Valley project, about 1¼ miles northeast of Friant.

The principal items of work involved are:

(1) 200 c.y. all classes of open-cut excavation at portals;
(2) Drifting 300 l.f. of holes, no drift to be larger than 150 ft.;
(3) 700 l.f. additional drifting, no drift to be longer than 500 ft.

Work shall be commenced within 15 calendar days and completed within 90 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the Bureau of Reclamation at Sacramento or Denver, Colo., without charge to prospective bidders; to others, $0.50 not returnable. * *

31—PIPE LINES & WELLS

BIDS WANTED

MODESTO, Stanislaus Co., Cal. — Until March 25, 7:30 P. M., bids will be received by the Modesto City Council, H. E. Gragg, City Clerk, City Hall, for drilling a well, furnishing and installing casing, sand pumping and developing said well.

Specifications obtainable from the office of the City Engineer. * 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

ENGINEERS RETAINED

CARMEL, Monterey Co., Cal.—Bd. of Trustees of the Carmel Sanitary District has retained C. C. Kennedy, Call Bldg., San Francisco, and Harry N. Jenks, 2701 Benvenue, Berkeley, engineers, to make a complete survey of the Carmel sewage disposal problem.

33— WATER WORKS

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Eaton & Smith, 715 Ocean Ave., at $25,442.40 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,874, for construction of four reinforced concrete fire cisterns, Group 4, A.W.S.S., in Dolores St., between 14th and 20th sts.

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at $29,963.43 was awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,904, for installing the San Francisco Bay Bridge approach extension to the auxiliary water supply system for fire protection, a PWA project.

CONTRACT AWARDED

COALINGA, Fresno Co., Cal.—Submersible Pump Co., at $3,800 awarded contract by the Coalinga City Council for furnishing one complete water well pumping unit, 900-gpm capacity to pump direct against a 55-lb. pressure in a 10-in. main. The pump is to be equipped with either a foot or standing valve switch box and pressure control, and one horizontal check valve, size of discharge pipe.

The pump is to be set at 230 feet below surface; power supply is 440-volt, 3-phase, 60-cycle, inside diameter of well, 15½ inches.

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

ALAMEDA, Alameda Co., Calif.—Hannah Irrigation Co., Pleasanton, at $2,449 awarded contract by the Alameda City Council for furnishing underground valves and sprinkler heads for the Alameda Municipal Golf Course sprinkler system.

CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Cal.—Scott Company, 243 Minna St., San Francisco, at $1417 awarded contract by Treasury Department for lawn sprinkling system at the Post Office, Redwood City.

35— TUNNELS

CONTRACT AWARDED

COMPTON, Los Angeles Co., Cal.—Petersen Bros., Inglewood, at $359 awarded contract by Treasury Department for seeding and planting grounds at the U. S. Post Office, Compton.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until April 23, 10 A. M., bids will be received by the Metropolitan Water District, 306 West 3rd St., Los Angeles, for furnishing synchronous motors for the Colorado River Aqueduct pumping plants. Spec. No. 153. The motors to be furnished have been grouped under three items. Bids may be submitted for any item or items but no bid will be considered for part of an item:

Item	Pumping Plant	No. of Motors	Rated output (each motor)
(1)	Intake & Gene	6	6,700 kw 9,000 hp
(2)	Iron Mountain	3	3,200 kw 4,300 hp
(3)	Eagle Mt. and Hayfield	6	9,300 kw 12,500 hp

Certified or cashier's check must accompany the bid as follows: Item No. 1, $60,000; Item 2, $25,000; Item No. 3, $75,000.

Specifications available from Room 1007 upon payment of $5.00. *

WAR DEPARTMENT

SACRAMENTO, Cal.—Until March 23, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-202, for furnishing 25 cylinders (220 cu. ft. each) of oxygen and 12 cylinders (260 cu. ft. each) of acetylene.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

HAMILTON FIELD, Marin Co., Cal. —Until April 3, 10 A. M., bids will be received by the Constructing Quartermaster Fort Mason, under Bid No. W 6616-36-29, for furnishing:

(1) 275 tons fine aggregate sand; fob cars and/or trucks, Hamilton Field
(2) 50 tons crushed stone or gravel, coarse aggregate, No. 4 to 1-in.; fob cars and/or trucks, Hamilton Field;
(3) (Alternate) 50 tons crushed stone or gravel, coarse aggregate, No. 4 to 1¼-in.; fob cars and/or trucks Hamilton Field.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until March 27, 2 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-210, for furnishing six kedge anchors of forged steel, weighing 1500 lbs. each, and 12 marking buoys, cut, rolled and finished complete.

Delivery fob Rio Vista.

Specifications obtainable from above office.

RECLAMATION BUREAU

GRAND COULEE DAM, Wash.—Until April 7, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 777-D, for furnishing and delivering fob cars at the shipping point and/or Odair, Wash., two welded steel hulls for pump barges, 20 ft. wide by 40 ft. long by 4 ft. 6 in. deep, with field-welding electrodes for services at the Grand Coulee Dam, Columbia Basin Project. The hulls will be assembled in the field and launched by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.50, not returnable.

CANAL ZONE

PANAMA CANAL ZONE—Until March 23, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Agent, The Panama Canal, Washington, D. C., under Schedule No. 3130, for furnishing miscellaneous supplies and equipment including:

Twist Drills, Adjustable Pipe Dies, Pressure-reducing valves, Bibb Cocks, Stop Cockts, Basin Traps, Bath Plugs, Water Closet Siphons, Ratchet Braces, Leveling Rods, Railway Switch Stands, Magnet Wire, Pottery Jars, Cotton Fibre Washers (for Bibb Cocks), Pulverixed Silica, and Copper-jacketed Steel Tubing.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

EAST BAY UTILITY DIST.

OAKLAND, Calif.—Until March 18, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Proposal No. 731, for furnishing 350,000 gals. gasoline and 50,000 gals. kerosene.

Specifications obtainable from the above office.

OAKLAND, Cal.—Until March 25, 8 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L. S. 168, for furnishing fifty gate valves.

Bids will be taken as follows:

(1) 12 6-inch valves;
(2) 20 8-inch valves;
(3) 9 10-inch valves;
(4) 7 12-inch valves;
(5) 2 16-inch valves.

Specifications obtainable from above office. *

RECLAMATION SERVICE

BOULDER CITY, Nev.—Until April 6, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 676, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, structural steel supports, gratings, and handrailings for the walkaways, stairs, and ladders to be installed in the lower Arizona and lower Nevada tunnels at the Boulder Dam, Boulder Canyon Project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $3.50 not returnable.

U. S. INDIAN SERVICE

CHARLO, Mont.—Until March 26, 2:30 P. M., bids will be received by the Assistant Director, U. S. Indian Irrigation Service, Room 520, 751 S. Figueroa St., Los Angeles, for furnishing one pumping unit consisting of a vertical pump having a capacity of approximately 25 sec. ft. at a dynamic head of 42.5 ft. plus certain losses and a 150-hp., 2200 volt, 3 phase 60 cycle motor, complete with controlling devices, pipe and other accessories fob cars bidder's shipping pt. and/or cars, Charlo, Mont. For the Crow Creek Pumping Plant, Flathead Irrigation Project, Montana, approximately 4 miles northeast of Charlo. H. V. Clotts, assistant director, U. S. Indian Irrigation Service.

GOVERNMENT ISLAND, Calif. —Until March 24, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 3299: 24 folding tables, 3-ft. wide by 6-ft. long; fob bidder's shipping point and/or Government Island;

BID NO. 3300: 119 park arresters, complete with adapters; fob bidder's shipping point and/or Government Island.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL.—Until March 30, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3131, for furnishing miscellaneous supplies and equipment, including:

Cast iron pipe fittings, adjustable dies, files, phosphor bronze ribbon, molded compound bushings, burial caskets, screw clamps, rubber matting, blankets, cuprous oxide, coal tar, naptha, pine oil, manganese linoleate, powdered rosin, white cotton waste, Southern yellow pine and Dougals fir lumber, car stake lumber (fir, spruce, hemlock or Southern Yellow pine) and calcium chloride.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

RECLAMATION BUREAU

ALMONT, Colorado—Until April 2, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 776-D for furnishing and delivering f.o.b. cars at the shipping point and/or Almont, Colorado, prefabricated structural steel treads; tion bolts; gratings and for hand- and pipe, fittings and in the outlet rails, to be install Park Dam, Unworks of the Tunnel, Colorado. The compahgre be installed by the materials.

Governcations obtainable from the Se office without charge to prospective bona fide bidders; to others $1, not returnable.

TULE LAKE, Cal.—Until March 30, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 774-D, for furnishing and delivering f.o.b. cars at the factory shipping point or at Tule Lake, one ditch-cleaning and excavating machine of the crawler-traction and endless chain, bucket-digging-unit type to be used for cleaning, deepening, and widening drains and canals and excavating new drains and canals on the Klamath project, Oregon.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, 25c, not returnable.

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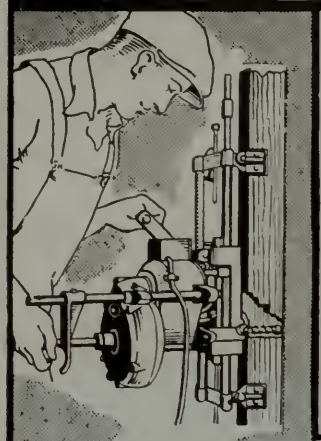

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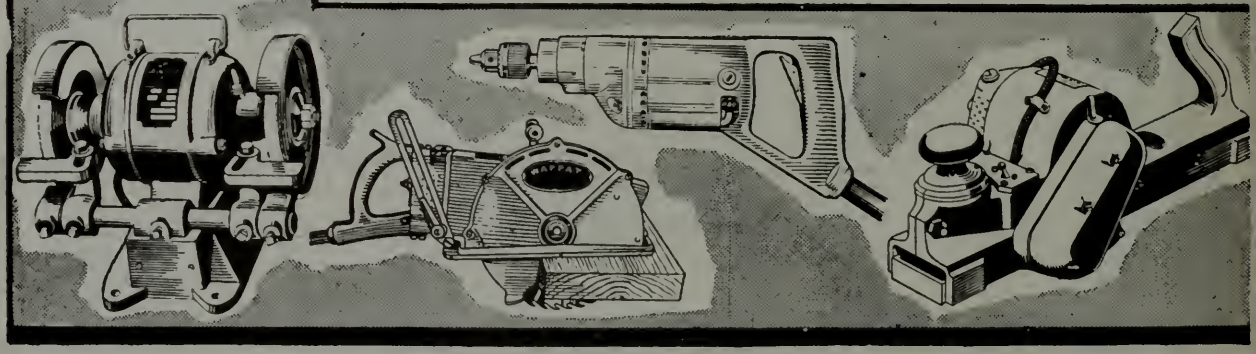

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$569,081 LOW PROPOSALS ON STATE OFFICE

Sacramento Firm Submits Low Figure For General Work

SACRAMENTO, March 24.—Low bids aggregating $569,081 were submitted to the State Division of Architecture today for construction of the new Public Works building in Sacramento.

For general work, Azevedo Construction Co., 920 "O" street, Sacramento, was low bidder at $379,995. Second and third low proposals respectively, were: K. E. Parker Co., San Francisco, $386,970; and Dinwiddie Construction Co., San Francisco, $393,000.

Lowest bidder for heating and air conditioning was Luppen and Hawley of Sacramento, with a proposal of $87,237. Hately & Hately, Sacramento, at $89,323, and M. R. Carpenter, Sacramento, at $91,907, submitted second and third low bids, respectively.

Coast Electric Co., Long Beach, submitted a low bid of $40,167 for electrical work. On this contract second and third low bidders were Geo. C. Foss, Sacramento, at $40,301, and Reliable Elevator Works, Sacramento, $40,400.

Low bid for plumbing was that of Hately & Hately, Sacramento, at $23,777. M. R. Carpenter, Sacramento, at $24,584; and J. J. McDermott, Sacramento, at $25,250 submitted second and third low bids.

Only three bids were received for elevators, the low figure being $37,905, submitted by Westinghouse Electric Elevator Co., San Francisco. Other bids were: Otis Elevator Co., San Francisco, $40,973; and Pacific Elevator & Equipment Co., San Francisco, $42,672.

IN NEW QUARTERS

Architects Wm. L. Higgins and Chester Root, Associates, announce the removal of their offices from 19 North Second street to the Security building, First and San Fernando streets, San Jose. The firm formerly was known as Wolfe & Higgins, Architects.

STATE HOSPITAL WARD BIDS ASKED

SACRAMENTO, March 24.—Contracts for erection of a two-story ward building at Camarillo state hospital, Ventura county, were advertised for bids today by the State Division of Architecture. Proposals will be opened April 21 for the structure, which will be of reinforced concrete with tile roof, according to plans prepared in the office of State Architect Geo. B. McDougall.

Four contracts will be let: for general work, plumbing, electrical work, and heating and ventilating.

BERKELEY GETS LARGER GRANT OF PWA FUNDS

School District Reconstruction Program Enlarged To $319,000

Allowing enlargement of the Berkeley school reconstruction and repair program to include work at six schools, the Federal Public Works Administration has announced that the original $90,000 grant to the board has been increased to $144,000. Work planned will cost about $319,000.

Plans for rehabilitation of Lincoln school at a cost of $110,000 are being completed, the board reports.

Two jobs at the high school are contemplated, plans already being approved for one, reconstruction of the auditorium gallery and entrances at an estimated cost of $21,000. Plans for alterations to the gymnasium and other work, to cost about $125,000, are being redesigned.

The board also has ordered plans for four smaller jobs. They are: reconstruction of the auditorium at Hillside school, $12,000; exterior plastering of the central portion, Hill side school, $6,500; reconstruction of the south wing and auditorium at John Muir school, $20,000; and reconstruction of the Jefferson school auditorium, $7,000.

BIDS APRIL 18 ON EXCAVATION FOR RESERVOIR

Utilities Commission Offers Sunset Reservoir Contract

Bids for excavation and embankment for Sunset reservoir in San Francisco will be opened by the Public Utilities Commission April 15, it was announced this week.

The reservoir, which is to be located between Twenty-fourth and Twenty-eighth avenues and Ortega and Quintara Sts., will cost about $650,000 when completed, it is estimated.

The reservoir will have a capacity of approximately 90,000,000 gallons. The contract advertised this week calls for excavation and covering the entire surface when excavated, including the reservoir floor, with a rolled clay blanket.

Bidding items include 68,000 cu. yds. excavating and placing material in embankment and fill; 186,000 cubic yards excavating and disposing of surplus material; 114,000 cubic yards removing overburden from borrow pits in adjacent lots; 115,000 cubic yards excavating and placing clayey-sand or material other than the rock obtained from borrow pits in adjacent lots; 90,000 cubic yards excavation and placing clayey-sand or material other than rock obtained from Balboa reservoir site; 47,000 cubic yards excavating and placing rock obtained from borrow pits in adjacent lots; providing and operating blade graders, harrows, tamping rollers and power rollers and numerous others.

The project is one of five major jobs in the commission's current PWA program which have not yet been awarded. Others include concrete work and roofing at University Mound reservoir, $587,000; Crystal Springs Pipeline No. 2 from Crystal Springs dam to Burlingame $580,000; discharge pipeline from Sunset reservoir, $250,000; pumping station to be built at Irvington, $50,000.

January oil burner shipments numbered 7,436, the Bureau of the Census reports, as compared with 4,406 in January last year, and 3,545 in January, 1934.

BIDS APRIL 18 FOR RENO SPAN AND UNDERPASS

Second Washoe County Grade Separation Contract Advertised

Bids for construction of an underpass and bridge in Reno, for which approximately $152,000 has been programmed, are scheduled for opening April 18 by the Nevada State Highway Directors, it was announced this week.

Financed from Works Program funds, the project is the second Reno grade separation to be advertised during the past week. Bids for an underpass under the Southern Pacific tracks on West Second street near Reno are to be opened April 15 in Carson City.

The contract for which proposals are to be received April 18 calls for construction of a concrete and steel underpass and a concrete and steel bridge on Alameda and Wells avenue in Reno.

The structures will require approximately 3,135 cubic yards of Class A concrete; 330,500 pounds of reinforcing steel, and 391,000 lbs. of structural steel, in addition to numerous other items.

The two Reno grade separations bring the total of Nevada state highway contracts out for bids to seven. On March 27 proposals will be received on three contracts: for 29.8 miles of road work in Nye county between 22 miles west of Lockes and seven miles east of Lockes; for about 30 miles of road work in Lincoln county between Crystal Springs and 14 miles west of Caliente; and for 15.7 miles of road work between Stonehouse and Pony Springs in Lincoln county. The highway directors will receive bids April 8 on two contracts: for construction of an overpass and a bridge, both located in Winnemucca, Humboldt county.

ENGINEERS' COUNCIL REVIEWS YEAR'S WORK

Publication of the third annual report of the Engineers' Council for Professional Development makes available to engineers and educators a record of the activities of this body. It provides authentic information on the organization, purposes, policies, personnel of the council and the work of its four major committees on student selection and guidance, engineering schools, professional training, and professional recognition.

The 36-page annual report contains a list of the participating bodies and their representatives for 1935-36, the report of C. F. Hirshfeld, chairman of ECPD for 1935, committee reports, the charter and rules of procedure of ECPD, the policies adopted by ECPD since its formation, a brief report on finances, and the committee personnel for 1935-1936.

Advertise $1,750,000 Waldo Approach Under Two Contracts; Bids April 15

SACRAMENTO, March 24.—Contracts for construction of the $1,750,000 Waldo approach to the Golden Gate Bridge were authorized for advertising today by the State Highway Commission. Bids will be opened in Sacramento April 15.

The approach highway, which will carry traffic from the bridge terminus through the Marin hills for about three and a half miles to the Redwood highway at Waldo, will be contructed under two contracts, it was announced. One calls for construction of the tunnel and approaches, and the other for grading and surfacing about three and four-tenths miles of highway between Waldo and the bridge.

The highway will carry four lanes of traffic, and will pass thru a tunnel about 1000 feet long.

The road contract calls for grading and surfacing with plant-mixed surface on crusher run base. Major items under this contract include 1,752,000 cubic yards of roadway excavation; 13,100,000 station yards overhaul; 35,000 tons crusher run base; 15,000 tons mineral aggregate and 750 tons liquid asphalt in plant-mixed surfacing; a total of 11,452 feet of corrugated metal pipe of various sizes and numerous other items.

The tunnel contract includes construction of the tunnel with Portland cement lining and pavement, together with graded roadway approaches, over a total length of about three-tenths of a mile. Among major bidding items are 60,000 cu. yds. roadway excavation; 51,000 cu. yds. tunnel excavation; 600,000 sta. yds. overhaul; 1,050 cu. yds. Portland cement concrete pavement; 2,800 cu. yds. Portland cement concrete in structures; 1,000 lin. ft. of concrete tunnel lining; 1,000,000 lbs. of structural steel, and others.

Award of the Waldo approach contracts will bring principal work on the Marin section under construction, the Sausalito lateral already having been started.

EASTBAY PLUMBERS MEETING MARCH 30

Members of the Oakland Master Plumbers' Association will be hosts to master plumbers from other Eastbay cities at a dinner meeting Monday evening, March 30, according to Secretary Fred H. Crane. Dinner will be served at 6:30 P. M. at the Coit Hotel, Fifteenth and Harrison Streets in Oakland.

Guest speakers will include L. J. Kruse, national director of the association; W. H. Picard, state president; and D. W. Durant, president of the Oakland association. A group of films illustrating the manufacture of cement lined and seamless steel pipe will be shown.

January distillate oil burner shipments totaled 8,019, the Bureau of the Census reports, as compared with 5,006 in January last year.

CARLSON BIDS $194,385 FOR MADERA ROAD

Highway Commission Opens Proposals On Two Contracts

SACRAMENTO, March 25.—R. R. Carlson, Weber Ave. and E Street, Stockton, today submitted a low bid of $194,385 to the State Highway Commission for grading and oiling about eight miles in Madera county between Kelshaw Corners and Coarse Gold.

Seven contractors submitted proposals for the contract, with a bidding range of about $130,000 between low and high figures.

Total bids were:

R. R. Carlson, Stockton	$194,385
C. W. Caletti, San Rafael	226,015
Dale Hinman, Denver, Colo.	244,166
Isbell Const. Co., Reno	279,175
Gibbons & Reed, Burbank	279,644
Mittry Bros. Const. Co., L. A.	307,135
A. Teichert & Son, Sacto.	325,941

The bidding schedule included, among others, major items of approximately 296,000 cubic yards of roadway excavation; 1,250,000 station yards overhaul; 27,500 cubic yards imported borrow; 285 tons of liquid asphalt; a total of 5,576 feet of corrugated metal pipe of various sizes, and others.

A. G. Raisch, 1 DeHaro street, San Francisco, was low bidder at $38,374 for surfacing about two and six-tenths miles in Napa county between Napa city limits and Napa Wye. The bids were:

A. G. Raisch, San Francisco	$38,374
E. A. Forde, San Anselmo	41,444
Hanrahan Co., San Francisco	42,166
Pacific States Const. Co., S. F.	42,940
L. C. Seidell, Sacramento	44,737

THREE PAMPHLETS ON FORMICA GEARS

Three booklets describing Formica and its application in various types of gears have been published by the Formica Insulation Co., 4613 Spring Grove Ave., Cincinnati. The booklets carry the titles: "What Formica Is," "The Formica Gear Book," and "Formica Truck Tire Folder." Copies may be obtained without charge by writing the manufacturer.

BRIDGE CABLE OPERATIONS AT HIGHEST PEAK

Gate Span Officials Seeking Funston Ave. Approach Right-of-Way

With difficulties over financing construction of the Lyon street outlet of the Golden Gate Bridge approach through the Presidio reported settled, efforts this week will be directed toward obtaining a suitable right-of-way for the main Funston avenue approach through the Presidio, according to bridge officials.

At a conference last week between city and bridge officials it was determined that San Francisco and the bridge district will halve the cost of the Lyon street link, each contributing fifty percent of the $275,000 cost. The $84,000 already spent by the district on this unit is to be credited toward its obligation, it is stated.

Meanwhile cable spinning operations have reached their highest peak with 1000 miles of wire being stretched over the Golden Gate every eight-hour working day.

At the beginning of operations today there were 37 complete strands over each cat walk. Each completed cable will embody 61 strands. If the present spinning rate is maintained, as expected, the cables will be finished before May 1st.

Activity on the approach roads is centered about the east approach through the Presidio on the San Francisco side and construction of the Sausalito lateral on the Marin side. Footings are being poured in concrete for the high viaduct of the east approach and Tuesday pile-driving is to commence on the low viaduct at the site of the takeoff of the Lyon street approach.

More than 150 men are working on the Sausalito lateral and this unit is going forward well on schedule, the work attracting much attention upon the part of passengers on the north bay ferries.

Work on the 1500-foot Marin approach span also is under way, being chiefly concentrated on placing and adjusting the steel base plates for the 200-foot supporting columns. Painting both towers now is virtually completed.

Total employment at the beginning of this week averages 684 workers, divided as follows:

Cable contract, 325; painting, Marin approach span and high and low viaducts, 134; Sausalito lateral, 150 and replacement, non-commissioned officers' quarters in Presidio 75.

OPENS OFFICES

Alfred A. Pyle, Ltd., certified tiling contractor, announces the opening of offices at 290 Tehama St., San Francisco; telephone DOuglass 0284. For the past fourteen years Mr. Pyle has been in charge of the tile department of a local firm.

STATE LEADS IN PWA WORK

More construction work financed under the 1935 PWA appropriation is underway in California than in any other state except New York, according to a summary prepared for Administrator Harold Ickes. It shows 111 projects started in this state to cost $39,263,248. ....

....In the current PWA program 2,007 local non-Federal projects have been placed in construction by March 7 by recipients of Federal grants. These are estimated to cost $467,800,000.

Work will begin shortly on $165,000,000 worth of projects for which contracts have been awarded. This list includes 1,540 jobs.

Valley Appraisers Start Inspection of Construction Sites

The appraisal board of the Central Valley Project held its organization meeting in Sacramento Friday and left immediately thereafter for an inspection of properties to be acquired for the several units shortly to be placed in construction. They were accompanied by Walker Young, construction engineer.

The men on the board are Curtis Walker of Washington, D. C.; real estate dealer and member of the American Appraisal Institute; Professor B. A. Etcheverry of the University of California and F. C. Herrmann, San Francisco consulting engineer.

Others who met with them at Sacramento are: Gilbert F. Mellin, the chief right of way man; Richard R. Coffey of Los Angeles, district counel for the United States Reclamation Bureau; A. R. Honnold, local counsel, and A. D. Edmonston, representing State Engineer Edward Hyatt.

PRODUCTION, ORDERS BALANCED AT MILLS

For the first time in recent years reporting mills listed production, orders and shipments in balance for the week ending March 14, a bulletin from the West Coast Lumbermens Association states. Weather conditions are more favorable and the outlook is for fairly steady buying in the American market, according to the association, which receives reports from 201 down and operating mills in Washington and Oregon.

Production during the week amounted to 111,143,806 board feet, approximately 66.4 percent of the average weekly cut during the 1926-1929 period. Orders for 111,289,508 board feet were recorded, and shipments amounted to 111,682,724 ft.

STATE EXCHANGE WILL MEET NEXT WEEK IN FRESNO

Plan Discussions Of Local, National Problems At April 4 Conclave

The semi-annual meeting of the California State Builders Exchange will be held in Fresno April 4, with discussions of a number of national and local problems scheduled for the morning, afternoon and evening sessions.

The meeting will be held at the Fresno Hotel. First session is slated for 10:00 A. M.

The morning session will be devoted to election of a fourth vice-president and a director for Orange county, introduction of special guests and hearing committee reports.

An executive committee luncheon and a luncheon for other board members and delegates will be held at noon.

Re-convening at 1:30 P. M., delegates will hear the State Registrar of Contractors discuss activities of the license bureau. Members of the Contractors License Board will be introduced to the meeting.

Other topics slated for discussion at the afternoon meeting include the structural pest control low, which will be outlined by Registrar Glen V. Slater; the state fair practices act as related to the building industry; continuation of Title I of the Federal Housing Act; WPA functions; and determination of the time and place for the next meeting.

Dinner will be served at 6:30 P. M. State officials have been invited to speak on the State Unemployment Reserves Act and policing of the State Compensation Act.

BUREAU ENGINEER GOES TO CAPITAL

Charles S. Moore, associate highway engineer in the U. S. Bureau of Public Roads in the San Francisco District office, has been transferred to the headquarters office at Washington, D. C., for work on the study of rural highways recently started by the bureau. Mr. Moore was administrative assistant to Levant Brown, engineer in charge of the forest and park roads division of the San Francisco district. His position has been filled by promotion of Roy E. Jorgensen.

HOLLISTER RESIDENTS PLANNING SIX HOMES

Plans for construction during the coming season of six residences at an aggregate cost of approximately $30,000 have been announced by Hollister property owners. Four of the new homes will be located in Stone's Addition and two on Fifth street, it is reported.

BIDS CALLED FOR COMPLETING BOULDER PLANT

To Contract Miscellaneous Jobs Of Finishing Building

Bids on three of the final contracts for miscellaneous work at Boulder power plant are scheduled for opening during the second week of April at the Reclamation Service's Boulder City office.

With the dam completed and officially turned over to the government by the contractor, activities at Boulder now are centering around the power plant completion.

Bids for sheet metal work for the plant's cooling and ventilating system are to be opened April 9, it is announced by Chief Engineer R. F. Walter.

On April 10 the bureau will receive bids for construction of structural glass, marble and aluminum work at the dam and power plant. Work will include furnishing and installing structural glass and accessories for wainscots, toilet stalls shower stalls, dressing room stalls, screen partitions and seats; marble, hollow tile and furring for lobbies in the two elevator towers on the dam; paneled railings of structural glass and aluminum for control rooms at the power plant; and aluminum doors and appurtenant hardware for structural glass work.

The following day, April 11, proposals for construction of rubber tile floor covering for the power plant and switchyard are to be opened.

7 WASHINGTON STATE BUILDINGS FINISHED

Seven buildings have been completed in Washington's $3,616,000 program of construction at state institutions, it is reported. Aggregate value of the complete structures is approximately $1,081,000.

In addition, work is underway on eleven other buildings included in the PWA program at an estimated cost of about $1,735,000, and construction under the general contract on the $800,000 statehouse building at Olympia is scheduled to start shortly.

LYNCH PRESIDENT OF PORTLAND CONTRS.

M. J. Lynch of the United Contracting Company, Portland, was elected president of Portland Chapter, Associated General Contractors, at the annual meeting of the chapter. Mr. Lynch succeeds C. A. Schram as president.

J. A. Lynch was named first vice-president; H. A. Dick of Gilpin Construction Co., was elected second vice-president; Theodore Shoemaker of Warren Northwest, Inc., treasurer, and W. T. Jacobsen, secretary.

Sacramento Wage Agreement Takes Effect April 1

A conference board representing the Sacramento Builders' Exchange and the Sacramento County Building Trades Council has reached a new wage agreement, which will become effective April 1, according to a notice mailed to contractors and others by Exchange President Allyn L. Burr and Secretary M. B. Kunz of the Building Trades Council.

Rates set up in the agreement are based on an eight-hour day and a 40-hour week, the notice states. Rates listed in the agreement are as follows:

Asbestos Worker	$8.00
Bricklayer	12.00
Carpenter	8.80
Cabinet Worker (job site)	8.80
Cement Finisher	8.80
Concrete Worker	6.40
Concrete Mixerman	7.40
Engineer (Hoist)	8.80
Electrical Worker	9.50
Glazier	8.00
Hodcarrier (brick)	8.00
Hodcarrier (plaster)	8.80
Ironworker (arch)	9.00
Ironworker (reinf.)	9.00
Ironworker (structural)	11.00
Ironworker (eng.)	11.00
Floorlayer	8.80
Laborer	5.50
Lather	10.00
Millman	7.20
Painter	8.80
Plasterer	12.00
Plumber	10.00
Roofer	8.80
Sheetmetal Worker	9.36
Steamfitter	10.00
Carpet Layer	8.80
Tile Setter	9.00
Tile Setter Helper	5.50
Terrazzo Worker	8.80
Terrazzo Worker Helper	6.40
Marble Setter	8.80
Marble Setter Helper	5.50
Modeler	16.00
Model Maker	12.00
Model Caster	9.00
Elevator Constructor	10.40
Elevator Constructor Helper	7.28
Elevator Service Worker	9.36
Pile Driver	10.67
Pile Driver Engineer	12.00
Jackhammer Man	6.00
Gunite Nozzleman	8.80
Gunite Gunman	7.40
Gunite Concrete Mixer Operator	7.40
Gunite Worker	6.40
Gunite Rodman (less than 1½-inch)	12.00
Gunite Rodman (over 1½-in.)	8.80
Gunite Rebound Man	6.40
In Lumber Yards:	
Clerk (for 44½-hr. week)	$33.00
Piler (for 44½-hr. week)	27.00
Truck driver (for 44½-hr. week	33.00

Plasterers, bricklayers, lathers and hod-carriers are to start work at 8:00 A. M. and work continuously as other crafts for six hours, providing further that a committee be appointed from the Conference Board to act in determining the period of emergency in relation to the six-hour crafts necessitating an 8-hour day and further that when 20% of the working members are idle, a 6-hour day be resumed.

New orders for oil burners last year numbered 139,451, the Bureau of the Census reports, as compared with 99,812 in 1935.

ALL-AMERICAN CANAL BRIDGES OUT FOR BIDS

Reclamation Service Seeks Erection, Structural Steel Proposals

Bids for the construction of two bridges and an overchute across the All-American Canal near Yuma, Arizona, are scheduled for opening April 15 and 16 by the U. S. Reclamation Service. Proposals will be opened in Denver April 15 for furnishing structural steel for the bridges and in Yuma the following day for erecting the three structures.

The construction contract calls for erecting a railroad bridge at station 1029, a highway bridge at statoion 1035, and the Araz Wash overchute at station 1042 of the canal, about six miles northwest of Yuma.

Principal bidding items include 40,000 cubic yards of canal and wash channel excavation; 16,200 cubic yards of structure excavation; 14,900 cubic yards of backfill; 3,800 cubic yards riprap; 8,475 cu. yds. concrete; placing 1,255,000 lbs. of reinforcing steel; erecting 1,344,000 pound of structural steel in bridges; driving 110,000 pounds of steel sheet-piling, and others.

The structural steel contract, for which bids are to be received at the Reclamation Service's Denver office April 15, calls for furnishing and delivering steel required for the railroad bridge and the highway bridge.

REDWOOD HARBOR BONDS PROPOSED

A proposal to issue $200,000 in bonds for constructing a deep water terminal at Redwood City will be submitted to voters there shortly by the city council. No date has been set for the election, but the council has authorized the city attorney to prepare proceedings.

The money will be used to pay one-half the estimated dredging cost of $188,000 and to construct terminal facilities. The War Department has approved the harbor project, subject to local participation in the financing.

PROPOSE $130,000 WORK AT BENICIA

New construction at the Benicia arsenal to cost nearly $130,000 has been proposed to the house military affairs committee by Representative Frank H. Buck, according to Washington dispatches. Approval of the expenditure was given by the War Department, it is stated.

Work would include construction of nine non-commissioned officers' barracks, $74,700; warehouse, $30,000, and a building to connect two existing buildings and provide storage space, $25,000.

FHA Stimulus To Building Industry Recovery Reviewed By Administrator

Pointing to building permit totals for the last seven months of 1935, which according to the U. S. Bureau of Labor Statistics showed an average monthly increase of 207 percent over the same months of 1934, Federal Housing Administrator Stewart McDonald in his annual report to Congress says mortgage money for home construction now is available in most districts on the most attractive terms in the history of the country.

From the time of its inception to the end of 1935 FHA insured modernization and repair notes amounting to $254,070,729, accepted home mortgages totaling $170,594,864 for insurance and on large scale housing projects accepted mortgages aggregating $27,030,234. In addition some $27,149,088 in home mortgages were in process of appraisal at the end of the year and others aggregating $61,235,287 had been appraised, examined and rejected.

The following are excerpts from Administrator McDonald's letter of transmittal, which accompanied the report:

The modernization credit-insurance plan of the Federal Housing Administration, during the early months of 1935, was already an effective means of expediting recovery in the building and allied industries, one of the purposes of the National Housing Act. It became an increasingly powerful stimulus to industry during the year. During the last six months modernization and repair notes insured under the plan averaged over $27,000,000 per month, four times the average amount during the latter months of 1934 when the plan was in effect.

As of December 31, 708,405 notes, amounting to $254,070,729 in value, and made for the purpose of financing property repairs and improvements, had been insured. These loans were made available through the cooperation of over 6,000 financial institutions under the modernization credit plan, with nearly 70 percent of the amount advanced by the commercial banks of the country.

Over and above these results an immense volume of modernization and repair work has gone ahead on a cash basis or has been financed in other ways. This has resulted from the activities of some 7,000 local better housing committees cooperating with the Federal Housing Administration and covering most of the cities and towns in the United States.

The mutual mortgage insurance plan provides for the insurance of mortgages on one- to four-family dwellings in an amount not to exceed $16,000, nor for more than 80 percent of the appraised value, and for a period not to exceed 20 years. The plan could not become fully operative until the end of the first quarter of the year because of the need for new State legislation. It was necessary to send representatives to 45 States in which the legislatures were in session to explain the purposes of mutual-mortgage insurance. In each case the legislature passed one or more appropriate measures, although in Georgia the action was vetoed by the Governor. Thus, by July 13, 44 States permitted local financial and fiduciary institutions to invest their funds in Federal Housing Administration insured mortgages.

The introduction of the mutual mortgage insurance system has brought about marked changes in the entire home mortgage field and has been influential in bringing about these developments:

The firm establishment of the long-term monthly amortized mortgage in the home mortgage lending practice of the Nation.

The free flow of mortgage money from centers of supply into communities where funds are normally scarce.

The reduction in mortgage financing charges for large sections of the country, due to the uniform interest rate established by the Administration.

Improvement in construction practices, influenced by standardized appraisal methods, based on minimum property standards.

Increased safety to both the home buyer and the mortgage lender throughout the life of the mortgage as a result of insurance protection and the safeguards attending it.

For the seven months from June to December, 1935, residential construction as measured by value of building permits reported to the Bureau of Labor Statistics has shown an average monthly increase of 207% over the same months of 1934 and exceeded that for any simliar period since 1931. In the month of December the permits were greater than in any other December since 1930.

During the last seven months of 1935, new construction home mortgages accepted for insurance by the Federal Housing Administration equaled approximately 31 per cent of the building permits for one and two-family dwellings, as estimated from the data reported by the Bureau of Labor Statistics, covering cities of 10,000 population and over. This ratio rose to 37 percent in the month of December, 1935.

February shipments of electric industrial truck and tractors numbered 75, as compared with 84 in January, 56 in February, 1935, and 52 in February, 1934, the Bureau of the Census reports.

HOPPER GETS CONTRACT FOR S. F. THEATRE

Will Erect $60,000 Structure At Twenty-Fourth And Noe Streets

Award of a contract for construction of a $60,000 theatre in San Francisco was announced this week by Golden State Theatre and Realty Company, 25 Taylor street, following filing of plans for the structure with the Central Permit Bureau.

Contractor for the building, which will be located at Twenty-fourth and Noe streets, is Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.

The first new theatre to be erected in San Francisco recently, it will be of steel frame and reinforced concrete construction and is planned to seat 1000 persons.

Plans for the building were prepared by Architect Mark Jorgensen and Structural Engineer L. H. Nishkian.

Other applications filed with the permit bureau yesterday included nine one-story frame residences to be erected by Standard Building Company, 1500 Judah street, at an aggregate cost of about $32,000. They will be located at Thirty-first avenue and Kirkham street.

Heyman Bros., 742 Market street, filed plans for five $3,900 frame houses to be erected on Dunsmuir near Silver avenue. Permit applications for two $4,000 houses to be built on Forty-fifth avenue near Kirkham were filed by Anza Home Building Company.

COURTHOUSE JOB TO EMPLOY 100

Average daily force at work on the Monterey county courthouse in Salinas, on which work was started this week by Contractors Barrett & Hilp, will be 100 men employed over a period of 300 working days, it is estimated by State PWA Director A. D. Wilder. Of these, 67 will be skilled workmen and 33 unskilled, it is stated.

The $470,000 structure is being erected around the old courthouse, built in 1877. When the new building is completed the old will be razed and replaced by a brick paved patio and a fountain.

GOV'T ENGINEER IS SACRAMENTO VISITOR

R. H. Hayes, U. S. Reclamation Service engineer attached to the bureau's Washington D. C. office, has been a visitor this week in Sacramento, where he conferred with Colonel L. B. Chambers, district engineer. Mr. Hayes is engaged in work on designs for proposed dams to be included in the Central Valleys water project, it is reported.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
503	Camara	Richardson	1800
504	Arnott	Owner	4000
505	Arnott	Owner	4000
506	Pacific	Owner	4000
507	Pacific	Owner	4000
508	Wessel	Jensen	1000
509	Vogt	Owner	12000
510	El Patio	Mullen	3000
511	Servetto	Owner	1000
512	Williams	Williams	2500
513	Bailey	Owner	16000
514	Callos	Byrne	1875
515	Stoneson	Owner	2000
516	San Francisco	WPA	1500
517	Morton	Owner	1250
518	Barker	Owner	3000
519	Sahlein	Owner	5000
520	Ede	Gibbs	3000
521	Standard	Owner	28000
522	Standard	Owner	3500
523	Cardinabe	Munson	6000
524	Heyman	Owner	19500
525	Anza	Rousseau	4000
526	Anza	Rousseau	4000
527	Nelson	Owner	3000
528	Giannetti	Barsotti	3500
529	Golden	Owner	40000
530	Penziner	Owner	85000
531	Brett	Sandino	10000
532	Walter	McSheehy	1387
533	Nielsen	Owner	1000
534	Hirsch	Malloch	2000
535	Powers	Arnott	3000
536	Cheatham	Messenger	4500
537	Liebman	Owner	30000
538	Texas	Gettins	3000
539	Battat	Mullen	2000
540	Johnson	Owner	3500
541	Johnson	Owner	3500
542	Rauscher	Presci	4200
543	Graves	Rosberg	3393
544	Stoneson	Owner	4000
545	Stoneson	Owner	10500
546	West	State	2000

ALTERATIONS
(503) 260 ARLINGTON. Alter dwelling.
Owner—M. Camara, 260 Arlington.
Architect—Not Given.
Contractor—Dan C. Richardson, 4400 19th Street. $1,800

DWELLING
(504) E 16th AVE. 28 S Rivera. One-story and basement frame dwelling.
Owner and Builder—Jas. A. Arnott & Son, 633 Taraval Street.
Architect—Not Given. $4,000

DWELLING
(505) SE 16th AVE. and Rivera. One-story and basement frame dwelling.
Owner and Builder—Jas. A. Arnott & Son, 633 Taraval St.
Architect—Not Given. $4,000

DWELLING
(506) S MORAGA 95 W 20th Avenue. One - story and basement frame dwelling.
Owner & Builder—Pacific Coast Bldg., Inc., 369 Pine Street.
Architect—J. L. Cornich, 221 24th Avenue. $4,000

DWELLING
(507) S MORAGA 120 W 20th Avenue. One - story and basement frame dwelling.
Owner & Builder—Pacific Coast Bldg., Inc., 369 Pine Street.
Architect—J. L. Cornich, 221 24th Avenue. $4,000

ALTERATIONS
(508) 2356 GREENWICH ST. Alter dwelling.
Owner—J. R. Wessel, 1352 Filbert St.
Architect—W. W. Wurster, 260 California Street.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street. $1,000

FACTORY
(509) S 13th ST. 104 E Van Ness. One-story Class C factory.
Owner and Builder—Alfred H. Vogt, 250 11th Street.
Architect—W. C. Falch, Hearst Bldg.
Engineer—C. Zollner, Hearst Bldg. $12,000

ALTERATIONS
(510) SW MARKET and Van Ness Ave South. Alter ballroom.
Owner—El Patio Ballroom, Premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $3,000

ALTERATIONS
(511) 2337 GREENWICH ST. Alter flats.
Owner and Contractor — G. Serveto, 2337 Greenwich Street.
Architect—Not Given. $1,000

DWELLING
(512) E CONRAD 153 S Desmond St. One - story and basement frame dwelling.
Owner—J. B. Williams, 137 Shakespeare.
Architect—Not Given.
Contractor—Williams Const. Co., 137 Shakespeare. $2,500

FLATS
(513) W TELEGRAPH HILL 315 S Lombard. Four-story frame flats.
Owner and Builder—G. A. Dalley, 210 Post Street.
Plans by Owner.
Engineer—Walter L. Huber, Crocker First National Bank Bldg. $16,000

ALTERATIONS
(514) 6 27th ST. Alter flats.
Owner—Geo. Callos, 1546 Guerrero St.
Architect—Not Given.
Contractor — Wm. Byrne, 1606½ Dolores Street. $1,875

OFFICES
(515) S SLOAT 690 E 19th AVE. One-story frame offices.
Owner and Builder — Stoneson Bros., 1630 Ocean Ave.
Architect—Not Given. $2,000

CONVENIENCE STATION
(516) 27th ST. and Doulass, Block 6584. Class B convenience station.
Owner—S. F. Recreation Commission, City Hall.
Architect—William G. Merchant, Russ Building.
Day work by WPA, 450 Mission St. $1500

ALTERATIONS
(517) 1070 PINE ST. Alter apts.
Owner—Dr. A. W. Morton, 1055 Pine.
Architect—A. H. Knoll, Hearst Bldg. $1,250

DWELLING
(518) S NOE 90 W 30th St. One-story and basement frame dwelling.
Owner and Builder—H. B. Barber, 225 College.
Architect—Not Given. $3,000

ALTERATIONS
(519) NO. 2544 MISSION ST. Alter store.
Owner—Caroline Sahlein, % Architect.
Architect—Earle B. Bertz, 681 Market St., San Francisco. $5000

ALTERATIONS
(520) NO. 1045 MARKET ST. Alter store.
Owner—William Ede Co., Kohl Bldg., San Francisco.
Architect—Not Given.
Contractor—M. Gibbs, 2116 Fillmore St., San Francisco. $3000

DWELLINGS
(521) SE THIRTY-FIRST AVE. AND Kirkham St.; E 31st Ave. 25, 50, 100, 125, 150, 175 and 200 S Kirkham St. Eight one-story and basement frame dwellings.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500 each

DWELLING
(522) E THIRTY-FIRST AVE. 75 S Kirkham St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(523) N EIGHTEENTH ST. 75 W Texas St. Two-story frame store and dwelling.
Owner—Joseph and Mildred Cardinabe 274 Connecticut St., San Francisco
Architect—Not Given.
Contractor—John Munson, 2419 15th St., San Francisco. $6000

DWELLINGS
(524) E DUNSMUIR ST. 365, 400, 330, 260 and 215 Silver Ave. Five one-story and basement frame dwellings.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $3900 each

DWELLING
(525) W FORTY-FIFTH AVE 300 S Kirkham St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 321 Keanry St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St. $4000

DWELLING
(526) W FORTY-FIFTH AVE. 325 S Kirkham St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 321 Keanry St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St. $4000

DWELLING
(527) E CAYUGA ST. 175 W Rousseau. One-story and basement frame dwelling.
Owner—B. E. Nelson. 3706 26th St., San Francisco.
Architect — William Mooser, Monadnock Bldg., S. F. $3000

DWELLING
(528) E BOARDMAN PLACE 150 S Bryant St. One-story and basement frame dwelling.
Owner—G. Giannetti, 17½ Boardman Place, San Francisco.

Architect—Not Given.
Contractor — Arturo Barsotti, 1499 Quesada St., S. F. $3500

THEATRE
(529) N TWENTY-FOURTH ST. 50 E Noe St. Two-story Class A theatre.
Owner—Golden State Theatre & Realty Co., 25 Taylor St.
Architect—Not Given. $40,000

APARTMENTS
(530) N JACKSON ST. 90 W Laguna St. Class C apartments (84 rooms).
Owner—A. Penziner, 887 Bush St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Engineer — W. W. Briete, 120 Battery St., San Francisco. $85,000

APARTMENTS
(531) E STANYAN ST. 198 N Turk St. Two-story and basement rame apartments (12 rooms).
Owner — H. Brett, 34 Yerba Buena Ave., San Francisco.
Architect—Not Given.
Contractor—Frank J. Sandino Jr., 2645 Sacramento St. $10,000

ALTERATIONS
(532) NO. 2415 WASHINGTON ST. Alter dwelling.
Owner—F. and A. Walter, 134 Funston Ave., San Francisco.
Architect—Not Given.
Contractor—James B. McSheehy, 137 Clifford Terrace. $1387

ALTERATIONS
(533) NO. 3710 CLAY ST. Alter dwelling.
Owner—V. W. Nielsen, Premises.
Architect—Conrad Kett, 519 California St., San Francisco. $1000

ALTERATIONS
(534) SW THIRD AND FOLSOM Sts. Alter market.
Owner—Hirsch Bros., 176 Sutter St., San Francisco.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. $2000

TAVERN
(535) S HUNTERS POINT 136 East Galvez. One-story frame tavern.
Owner—W. Powers, 1731 San Jose.
Architect—Not Given.
Contractor—James Arnott & Son, 633 Taraval St. $3,000

DWELLING
(536) SW PACHECO 75 NW Tenth Avenue. One-story and basement frame dwelling.
Owner—Grace Cheatham, 1939 Tenth Avenue.
Architect—Not Given.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley. $4,500

APARTMENTS
(537) E DIVISADERO 100 S Marina Blvd. Three-story and basement frame apartments.
Owner—Ben Liebman, 1555 Francisco.
Architect—R. R. Irvine, 3431 Market.
Engineer—Jas. M. Smith, 251 Kearry Street. $30,000

ALTERATIONS
(538) NE BURNETT and Portola. Alter service station.
Owner—The Texas Co., Hearst Bldg.
Architect—Not Given.
Contractor — H. T. Gettins Co., 268 13th Street. $3,000

ALTERATIONS
(539) 100 GRANT AVE. Alter shop.
Owner—Battat Linen Shop, 235 Geary.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $2,000

DWELLING
(540) E 18th AVE. 205 N Wawona. One - story and basement frame dwelling.
Owner and Builder—S. F. Johnson, 2601 17th Avenue.
Architect—Not Given. $3500

DWELLING
(541) E 28th AVENUE 150 N Rivera. Two - story and basement frame dwelling.
Owner and Builder—N. E. Johnson, 666 Mission Street.
Architect—Not Given. $3500

ALTERATIONS
(542) 2447 MISSION St. Alter dwelling and store.
Owner—A. Rauscher, 2447 Mission St.
Architect—Not Given.
Contractor—Oscar Presci & Sons, 240 Langton. $4,200

DWELLING
(543) W ALMADEN 195 N Anza. Two story and basement frame dwelling.
Owner—P. W. Graves, 1243 42nd Ave.
Architect—Oscar H. Thayer, 110 Sutter Street. $3393

DWELLING
(544) NE NIAGARA & Cayuga. One-story and basement frame dwelling.
Owner & Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Not Given. $4,000

DWELLINGS
(545) SE ROME, 88, 113 and 138 NE Mt. Vernon. Three one-story and basement frame dwellings.
Owner & Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Not Given. $3500 each

SIGN
(546) 24 STERLING. Roof sign.
Owner—West Coast Adv. Co., 24 Sterling.
Architect—Not Given.
Contractor—State Mfg. Co., 55 Rausch Street. $2,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
301	Windsor	Windsor	8500
302	Miller	Kopf	1428
303	Taylor	Owner	5000
304	Forrest	Ghigliotti	1434
305	Conlogue	Owner	6100
306	Christensen	Owner	4500
307	Stokes	Owner	4000
308	Sands	Schulz	6000
309	Foxworthy	Parks	1500
310	Dahlquist	Owner	3700
311	Yewdall	Johnston	5500
312	Cross	Furniture	1000
313	Piedmont	Owner	32000
314	Fisher	Owner	7500
315	Morse	Armstrong	18600
316	Braddock	Almquist	5350
317	Dooley	Owner	4500
318	Warren	Owner	3000
319	Crowe	Muller	16000
320	Falk	Owner	6500
321	Berkeley	Owner	568884
322	Berkeley	Owner	62230
323	Flagg	Appelbe	5500
324	Lance	Franzen	1000
325	East	Owner	1750
326	Stroud	Owner	4500
327	Paul	Tiegland	7700
328	Haulman	Haulman	5000
329	Moehlmann	Stead	1800
330	Gay	Fox	3000
331	Edner	Trimlett	4639
332	Mission	Thrams	1800
333	Stapleton	Armstrong	10000
334	Woods	Johnson	4200
335	Waldman	Owner	4000
336	Morse	Armstrong	20600
337	Anderson	Owner	1185
338	Lurie	Daley	1500
339	Cerruti	Cisero	5900
340	Syndicate	Owner	6000
341	Hewitt	Reninghaus	3000
342	Hewitt	Reninghaus	3000
343	Hewitt	Reninghaus	3000
344	Hewitt	Reninghaus	3000
345	Tate	Owner	5500
346	Pratt	Owner	4500
347	Chambers	Nordstrom	9500
348	Mountain	Dinwiddie	81666
349	Simon	Acme	1100
350	Lilienthal	Reese	4820
351	Vaughn	Colby	1000

RESIDENCE
(301) NO. 33 MONTICELLO AVE., **PIEDMONT.** Two-story 7,room frame residence and garage.
Owner—Martha Windsor, 928 Kingston Ave., Oakland.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Oakland. $8500

ADDITION
(302) NO. 3601 FRUITVALE AVE., **OAKLAND.** Additions.
Owner—Thos. I. Miller, 2018 47th Ave., Oakland.
Architect—Not Given.
Contractor—Ben. F. Kopf, 845 Pacific Ave., Alameda. $1428

DWELLING
(303) NO. 734-736 BEATIE STREET, **OAKLAND.** One-story 7-room 2-family dwelling.
Owner—F. S. Taylor, 1622 Harrison St., Oakland.
Architect—Not Given. $5000

ADDITION
(304) NO. 486 FIFTY-EIGHTH ST., **OAKLAND.** Addition.
Owner—Mrs. G. Forrest, Premises.
Architect—Not Given.
Contractor—Louis Ghigliotti, 5503 Telegraph Ave., Oakland. $1434

DWELLINGS
(305) NO. 1540-46 SEVENTY-SEVENTH Ave., **OAKLAND.** Two one-story 5-room dwellings and garages.
Owner — F. W. Conlogue, 2607 64th Ave., Oakland.
Architect—Not Given. $3050 each

DWELLING
(306) NO. 580 EUCLID AVE., **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner — Hans P. Christensen, 2726 Grove St., Berkeley.
Architect—Not Given. $4500

DWELLING
(307) NO. 1098 SIERRA STREET, **BERKELEY.** One-story six-room frame dwelling and garage.
Owner—Frank Stokes, 275 Haas Ave., San Leandro.
Architect—Not Given. $4000

DWELLING
(308) NO. 604 EUCLID AVE., **BERKELEY.** Two - story six-room frame dwelling and garage.
Owner—Louis B. Sands, 1521 Euclid Ave., Berkeley.
Architect — Michael Goodman, 2163 Center St., Berkeley.
Contractor—H. K. Schulz, 811 Mendocino Ave., Berkeley. $6000

ADDITIONS
(309) NO. 762 ARLINGTON AVE., **BERKELEY.** Additions.
Owner—Dr. Foxworthy, Premises.
Architect—Not Given.
Contractor — Randolph Parks, 1847 Yosemite St., Berkeley. $1500

DWELLING
(310) 1600 27th AVE., **OAKLAND.** One-story 6-room dwelling.
Owner and Builder—Aaron Dahlquist, 1612 27th Ave., Oakland.
Architect—Not Given. $3700

DWELLING
(311) 6008 CHELTON DRIVE, **OAKLAND.** Two-story 7-room dwelling.
Owner—M. A. Yewdahl, 2639 Dana St. Berkeley.
Architect—Not Given.
Contractor — W. P. Johnston, 2639 Dana St., Berkeley. $5500

ALTERATIONS
(312) 2006 BROADWAY, **OAKLAND.** Alterations.
Owner—Walter R. Cross.
Architect—Not Given.
Contractor — Furniture Specialty Co., 14th Ave. and Marin Way, Oakland. $1,000

SCHOOL
(313) NO. 120 LAKE AVE., **PIEDMONT.** Elementary school.
Owner—Piedmont School District, 800 Magnolia Ave., Piedmont.
Architect—J. J. Donovan, Parker St. Berkeley. $32,000

RESIDENCE
(314) NO. 44 HIGHLAND AVENUE, **PIEDMONT.** Two-story 8-room residence and garage.
Owner—H. P. Fisher, 376 17th Street, Oakland.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland. $7500

RESIDENCE
(315) NO. 28 SANDRINGHAM ST., **PIEDMONT.** Two-story 7-room residence and garage.
Owner—Clarence G. Morse, 1400 Mt. Blvd., Piedmont.
Architect—F. L. Confer, 2812 Russel St., Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $18,600

RESIDENCE
(316) NO. 221 BONITA AVENUE, **PIEDMONT.** Two-story six-room residence and garage.
Owner—A. M. Braddock, 908 J St., Sacramento.
Architect—E. R. DeChene, 364 14th St., Oakland.
Contractor—T. M. Almquist, 4218 La Cresta Ave. $5350

DWELLING
(317) 3735 VIRDEN AVE., **OAKLAND.** One-story 6-room dwelling.
Owner and Builder—Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given. $4500

DWELLING
(318) 3044 DAKOTA ST., **OAKLAND.** One-story 5-room dwelling.
Owner and Builder—Weldon H. Warren, 3821 Canon Ave., Oakland.
Architect—Not Given. $3,000

DWELLING
(319) 44 BOWLING DR., **OAKLAND.** Two-story 9-room dwelling.
Owner—H. E. Crowe, 1107 Amador St., Berkeley.
Architect—Not Given.
Contractor—T. A. Muller, 1416 Jefferson St., Oakland. $16,000

DWELLING
(320) 3001 GIBBONS DR., **ALAMEDA.** Two-story 6-room stucco dwelling.
Owner and Builder—Chas. Falk, 1520 East 38th St., Oakland.
Architect—Chas. F. Dean, Sacramento $6,500

SCHOOL
(321) 1581 LE ROY, **BERKELEY.** School.
Owner and Builder—Berkeley Board of Education, 2325 Milvia St.
Architect—Not Given. $56,884

GYMNASIUM
(322) 1222 UNIVERSITY AVE., **BERKELEY.** Gymnasium.
Owner and Builder—Berkeley Board of Education, 2325 Milvia St.
Architect—W. C. Ambrose, 2325 Milvia St., Berkeley. $62,230

DWELLING
(323) 1355 QUEENS RD., **BERKELEY.** Two-story six-room frame dwelling.
Owner—Mrs. A. Flagg, 1866 B Street, **Hayward.**
Architect—H. H. Gutterson, San Francisco.
Contractor—Frank G. Appelbe, 1067 Walker Ave., Oakland. $5500

ALTERATIONS
(324) 2842 WOOLSEY, **BERKELEY.** Alterations.
Owner—L. C. Lance, 66 Oak Vale, Berkeley.
Architect—Not Given.
Contractor—C. H. Franzen, 883 54th St., Berkeley. $1,000

ALTERATIONS
(325) 2276 SHATTUCK AVE., **BERKELEY.** Alterations.
Owner and Builder—East Bay Syndicate, Inc., 601 American Building, Oakland.
Architect—Not Given. $1750

DWELLING
(326) 1415 ADA, **BERKELEY** One-story 5-room frame dwelling and garage.
Owner and Builder—J. A. Stroud, Jr., 370 17th St., Oakland.
Architect—C. H. Trelchel, 696 Cleveland Ave., Berkeley. $4500

DWELLING
(327) 2666 VIRGINIA, **BERKELEY.** Two-story 8-room frame dwelling and garage.
Owner—Mrs. Anna Paul, Leach Street Oakland.
Architect—Not Given.
Contractor—C. M. Teigland, 4668 Dolores Ave., Oakland. $7,700

DWELLING
(328) NO. 3126 GIBBONS DRIVE, **ALAMEDA.** Two-story 6-room frame and stucco dwelling.
Owner—C. P. Haulman, 1243 Broadway, Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $5000

ALTERATIONS
(329) NO. 2249 OREGON STREET, **BERKELEY.** Alterations and additions.
Owner—W. M. Moehlmann, Premises.
Architect—Not Given.
Contractor—Frank A. Stead, 3206 Boise St., Berkeley. $1800

DWELLING
(330) 35 EUCALYPTUS PATH, **OAKLAND.** One-story 4-room dwelling.
Owner—Mertie Gay.
Architect—Not Given.
Contractor—Fox Brothers, 1478 Union Ave., Berkeley. $3,000

DWELLING
(331) 2879 E 16th ST., **OAKLAND.** One-story 5-room dwelling.
Owner—H. R. Edner, 1629 6th Ave., Oakland.
Architect—Not Given.
Contractor—Robt. Trimlett, 5027 Foothill Blvd., Oakland. $4639

ALTERATIONS
(332) 1723 TELEGRAPH AVENUE, **OAKLAND.** Alterations.
Owner—Mission Sweater Shop, 1733 Telegraph Ave., Oakland.
Architect—Not Given.
Contractor—C. H. Thrams, 28 Home Place, Oakland. $1800

DWELLING
(333) 6016 ACACIA AVE., **OAKLAND.** Two-story 6-room dwelling.
Owner—C. P. Stapleton.
Architect—E. L. Snyder, Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.
And 1-story garage, $350. $10,000

DWELLING
(334) 2766 KINGSLAND AVE., **OAKLAND.** One-tory 5-room dwelling.
Owner—George Woods, 2606 56th Ave., Oakland.
DWELLING
Contractor—H. A. Johnson, 2462 Mavis St., Oakland. $4,200

DWELLING
(335) 5333 BRANN ST., **OAKLAND.** One-story 6-room dwelling.
Owner and Contractor—A. E. Waldman, 3192 McKillop Rd., Oakland.
Architect—Not Given. $4,000

DWELLING
(336) 5654 MARGARIDO DR., **OAKLAND.** Two-story 8-room dwelling.
Owner—C. S. Morse.
Architect—E. G. Bangs, 411 30th St., Oakland.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $20,600

DWELLING
(337) 3834 RANDOLPH AVE., **OAKLAND.** One-story one-room dwelling.
Owner and Builder—F. D. Anderson, 1556 Broadway, Oakland.
Architect—Not Given. $1,185

SIGN
(338) 4184 PIEDMONT AVE., **OAKLAND.** Electric sign.
Owner—The Lurie Company.
Architect—Not Given.
Contractor—Daley Bros., 4221 Horton St., Emeryville. $1500

DWELLING
(339) 2065 38th AVE., **OAKLAND.** One-story 6-room dwelling.
Owner—J. Cerruti, 2065 38th Avenue, Oakland.
Architect—Not Given.
Contractor—John Cisero, 474 42nd St., Oakland. $5900

DWELLING
(340) WEST COLTON BLVD., Lot 671, **OAKLAND.** Two-story six-room dwelling.
Owner and Builder—Syndicate Merriewood Co., 1401 Broadway, Oakland
Architect — E. R. MacDonald, 3812 Broadway, Oakland. $6,000

DWELLING
(341) 1836 ARCH ST., **BERKELEY.** One and one-half-story four-room frame dwelling and garage.
Owner—G. Hewitt, 68 Plaza Drive, Berkeley.
Architect—Not Given.
Contractor — B. Reininghaus, 117 El Camino Real, Berkeley. $3,000

DWELLING
(342) 1819 ARCH ST., **BERKELEY.** One and a-half story three-room dwelling and garage.
Owner—G. Hewitt, 68 Plaza Drive, Berkeley.
Architect—Not Given.
Contractor — B. Reininghaus, 117 El Camino Real, Berkeley. $3,000

DWELLING
(343) 1812 ARCH ST., **BERKELEY.** One and a-half story three-room dwelling and garage.

Owner—G. Hewitt, 68 Plaza Drive, Berkeley.
Architect—Not Given.
Contractor — B. Reininghaus, 117 El Camino Real, Berkeley. $3,000

DWELLING
(344) 1822 ARCH ST., **BERKELEY.** One and one-half-story four-room frame dwelling and garage.
Owner—G. Hewitt, 68 Plaza Drive, Berkeley.
Architect—Not Given.
Contractor — B. Reininghaus, 117 El Camino Real, Berkeley. $3,000

DWELLING
(345) NO. 5109 PROCTOR AVENUE, **OAKLAND.** Two-story six-room dwelling.
Owner—S. P. Tate, 5317 Broadway, Oakland.
Architect—Not Given. $5500

DWELLING
(346) NO. 4229 ATLAS AVENUE, **OAKLAND.** Two-story six-room dwelling.
Owner—L. S. Pratt, 1006 E-14th St., San Leandro.
Architect—Not Given. $4500

DWELLING
(347) NO. 691 ROSEMOUNT ROAD **OAKLAND.** Two - story 8-room dwelling.
Owner — Frank D. Chambers, 1428 Franklin St., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor — David Nordstrom, 4150 Emerald St., Oakland. $9500

INTERIOR FINISH
(348) END OF PIEDMONT AVE., **OAKLAND.** Interior finish.
Owner—Mountain View Cemetery Association.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor — Dinwiddie Constr. Co., 210 Crocker Bldg., S. F. $81,666

ALTERATIONS
(349) NE EIGHTH ST. & BROADWAY, **OAKLAND.** Alterations.
Owner—Simon Hardware Co., Prem.
Architect—Not Given.
Contractor — Acme Constr. Co., 9528 Foothill Blvd., Oakland. $1100

DWELLING
(350) NO. 1514-16 SIXTY-SEVENTH AVE., **OAKLAND.** One-story 8-room 2-family dwelling and two one-story garages.
Owner—Florence Lilienthal, 604 53rd St., Oakland.
Architect—Not Given.
Contractor—Thos. C. Reese, 618 Victoria St., San Leandro. $4820

ADDITIONS
(351) NO. 2700 BENVENUE AVE., **BERKELEY.** Additions and alterations.
Owner—J. R. Vaughn, 2235 Telegraph Ave., Berkeley.
Architect—Not Given.
Contractor—J. F. Colby, 2229 Carlton St., Berkeley. $1000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
27	Graves	Rosberg	3393
28	Malloch	Malloch	——
29	Delprat	Jensen	15811
30	Society	Jacks	1616

DWELLING
(27) W LINE ALMADEN COURT, Lot 5 Blk 1131, Francisco Heights. One - story and basement frame dwelling.
Owner—Paul W. Graves.
Architect—Oscar R. Thayer, 110 Sutter Street.
Contractor—Carl G. Rosberg, 309 Cordova Street.
Filed, Mar. 23, '36. Dated, Mar. 21, '36
Upon completion 75%
Usual 35 days..... 25%
TOTAL COST, $3,393
Limit, 90 working days from date. Plans and specifications filed.

BUILDING
(28) E 87-6 N 21 W 27-6 N 48 W 60 50 V Blk 44. All work for three-story and basement frame and concrete building.
Owner—J. R. Malloch, 1235 Montgomery St., San Francisco.
Engineers—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.
Filed Mar. 24, '36. Dated Mar. 19, '36.
Progressive payments .....
TOTAL COST, $——
Bond, none. Limit, 150 **working days** Forfeit, none. Plans and specifications filed.

DWELLING
(29) LOT 22 BLK 2992, Sub. No. 1, Sherwood Forest. All work for two-story and basement frame dwelling.
Owner—Dr. and Mrs. G. Daniel Delprat, 938 Rockdale Ave., S. F.
Architect—Miller & Pflueger, 580 Market St., San Francisco.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St., S. F.
Filed Mar. 24, '36. Dated Mar. 23, '36.
Frame up $3952.75
Brown plaster coat on..... 3952.75
When completed 3952.75
Usual 35 days..... 3952.75
TOTAL COST, $15,811.00
Bond, $7905.50. Sureties, M. P. Anderson and James Ringrose. Limit, 100 working days from date. Forfeit, none. Plans and specifications filed.

KENNEL
(30) N SIXTEENTH ST., from Alabama to Florida Sts. All work for dog kennel and driveway.
Owner — San Francisco Society For Prevention of Cruelty to Animals.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.
Filed Mar. 24, '36. Dated Mar. 23, '36.
When accepted $1212
Usual 35 days..... 404
TOTAL COST, $1616
Bond, none. Limit, Finish by April 21, 1936. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

28	Alves	Zaballos	3809
33	Mountain	Dinwiddie	81666

ADDITION
(23) END PIEDMONT Ave., Oakland. Addition to mausoleum.
Owner—Mountain View Cemetery Association.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.
Filed, Mar 20, '36. Dated, Mar 16, '36.
15th of each month 75% of labor and materials.
Usual 35 days, 25%.
TOTAL COST, $81,666
Bond, $40,850. Sureties, Pacific Indemnity Co. Limit, Sept. 1, 1936. Plans and Spec. filed.

SAN FRANCISCO UNDER $1000

SIGN, electric, $100; 846 Geary Street; owner, Alhambra Delicatessen, 846 Geary; contractor, QRS Neon, 690 Potrero.
SIGN, electric, $100; 2431 Mission St.; contractor, Anchor Pool Parlors, premises; contractor, QRS Neon, 690 Potrero.
SIGN, electric, $100; 241 California St. owner, Pine Lodge Restaurant, premises; contractor, QRS Neon Corp., 690 Potrero.
SIGN, electric, $100; 2540 Mission St.; owner A. J. Duchi, premises; contractor, QRS Neon Corp., 690 Potrero.
SIGN, electric, $300; 3036 16th Street; owner, Henrys, premises; contractor, QRS Neon, 690 Potrero.
BILLBOARD, $25; E Sanchez 125 S 14th; owner, Foster & Kleiser, 1675 Eddy St.
BILLBOARD, $19; SW 19th Ave. and Judah St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $7; S Pacific 184 East Polk; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.
SIGN, electric, $220; Taraval St. and 18th Ave.; owner, M. Reis, premises; contractor, Brumfield, 965 Folsom St.
SIGN, electric, $200; 2374 Mission St.; owner, S. Millenevy, premises; contractor, QRS Neon, 690 Potrero Avenue.
BILLBOARD, $44; SW Howard and Embarcadero; owner and contractor, Foster & Kleiser, 1675 Eddy.
ALTER dwelling, $490; 1503 Dolores; owner, Mrs. Ahern, premises; contractor, L. Salomon, 1734 Broderick St.
BILLBOARD, $13; NE Geary St. and Blake; owner and contractor, Foster & Kleiser, 1675 Eddy St.
ALTER restaurant, $180.00; 250 Van Ness Ave.; owner, Holger Nielsen, 4137 24th St.
SIGN, electric, $100; 2262 Chestnut; owner, E. F. Foy, premises; contractor, QRS Neon, 690 Potrero.
BILLBOARD, $13; SW Lincoln Way and 23rd Ave.; owner and contractor, Foster & Kleiser, 1675 Eddy
ALTER dwelling, $350; 57 La Grande; owner, Eugene Miller, premises.
BILLBOARD, $7; S Taraval 57 W 24th Ave.; owner and contractor, Foster & Kleiser, 1675 Eddy St.
BILLBOARD, $19; W 3rd 100 S 16th; owner and contractor, Foster and Keiser, 1675 Eddy St.
ALTER shed, $200; 3040 Mission St.; owner, Jess Lenning, premises; contractor, James Finigan, 3344 Army St.
SIGN, electric, $300; 1251 48th Ave., owner, Top Hat Barbecue, premises; contractor, QRS Neon, 690 Potrero.
SIGN, electric, $200; 2301 Chestnut St.; owner, Bastiani Drug Co., premises; contractor, QRS Neon, 690 Potrero.
ALTER rooming house, $100; 86 Duboce Ave.; owner, C. Hornung, 295 Fell St.
SIGN, electric, $125; 771 Market St.; owner, Chase's Chocolates, premises; contractor, Novelty Electric Sign Co., 66 Washburn.
ALTER store, $150; 670 Larkin St.; owner, Estate of Grace N. Boyd Hobart Bldg.
BILLBOARD, $13; N Lombard 186 E Broderick St. Owner and builder, Foster and Kleiser Co., 1675 Eddy.
ALTER dwelling, $400; 1016 Pierce; owner, W. Simpson, 2628 Sutter.
FLUES, $50; S Geneva 107 W Delano; owner, Dull-Cuthbert, 940 Geneva; Walters Furnace & Sheet Metal Co., 2330 Market St.
ALTER offices, $475; 962 Battery St.; owner, Kraft-Phenix Cheese Corp. premises; contractor, S. A. Giusti & Co., 200 Green St.
SIGN, electric, $200; 2420 Mission St.; owner, M. Abrams, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
ALTERATIONS Cost, $6,000
SAN FRANCISCO. 1160 Potrero Ave.
Alterations to apartments.
Owner—G. B. Asborno, 1660 Palou St.
Architect—Not Given.
Contractor—L. Murer, 1274 Quesada Street.

Low Bidder
APARTMENTS Cost, $20,000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two - story frame and stucco apartment building.
Owner—Dr. L. R. Dupulch, Oakland.
Architect—Miller & Warnecke, Financial Centef Bldg., Oakland.
Low Bidder—Mark Bristol, 1038 McKinley Ave., Oakland.
Bids held under advisement.

Contract Awarded
APARTMENTS Cost, $12,000
SAN FRANCISCO. E Stanyan Street 198 N Turk.
Two - story and basement frame and stucco apartment bldg. (12 apts.)
Owner—H. Brett, 34 Yerba Buena Ave.
Architect—Not Given.
Contractor—Frank J. Sandino Jr., 2645 Sacramento Street.

Sub-Bids Being Taken.
APARTMENTS Cost, $60,000
SAN FRANCISCO. E Divisadero St. bet. Jefferson and Marina Blvd.
Three-story and basement apartment bldg. (frame and stucco construction with steel and concrete basement; 12 4-room apts.) elevator, steam heating system, hardwood floors, stall showers, etc.
Owner & Builder—Ben Liebman, 1555 Francisco Street.
Architect—R. R. Irvine, 3431 Market Street.
Engineer—James Smith, 251 Kearny Street.

3— CHURCHES

Preliminary Plans Approved
ALTER CHURCH Cost, $15,000
RICHMOND, Contra Costa Co., Calif.
Alterations and additions to church building (add Sunday School, etc.)
Owner—First Presbyterian Church, Richmond.
Architect—Charles F. Maury, Monadnock Bldg., San Francisco.
Working drawings will be started immediately and bids will be asked in about thirty days.

4— FACTORIES & WAREHOUSES

SPRINKLER CONTRACT AWARDED
LOS ANGELES, Cal.—Architects J. C. Austin and F. M. Ashley, 6th floor, Chamber of Commerce Bldg., report that the contract for a sprinkler system for a 5-story, reinforced concrete warehouse to be erected at 107 South Rose St. for California Hardware Co. has been awarded to Tolles Co., 740 S. Broadway. Stanton-Reed Co., 816 W Fifth St., general contractors.

LOW BIDDER
WEST LOS ANGELES, Cal.—Myers Bros., 3407 San Fernando Road, submitted low bid at approximately $200,000 to the 20th Century-Fox Film Corporation for a property storage building to be built at 10,260 Orton Ave., West Los Angeles. J. A. Barlow, 10,260 Orton Ave., West Los Angeles, engineer.

Plans To Be Prepared.
PLANT Cost, $125,000
RICHMOND, Contra Costa Co., Calif. Thirteen Acre Site.
New spray chemical plant.
Owner—California Spray Chemical Co. (Chas. F. Andres, Mgr.), Richmond.
Engineers — Stone & Webster, Russ Bldg., San Francisco.
Further details will be announced shortly.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 100 Grant Avenue.
Alterations to shop.
Owner—Battat Linen Shop, 235 Geary St., San Francisco.
Architect—Not Given.
Contractor — Mullen Manufacturing Co., 60 Rausch Street.

Contract Awarded
ADDITION Cost, $2,854
TURLOCK, Stanislaus Co., Cal. North Broadway Yards.
Forty-foot addition to electric shop.
Owner—Turlock Irrigation Dist., Turlock.
Architect—Not Given.
Contractor—Jarvis Bros., Modesto

Contract Awarded.
ADDITION Cost, $5000
SAN JOSE, Santa Clara Co., Calif. Race and Moorpark.
Addition to cannery.
Owner — Herschel California Fruit Products Co., Premises.
Plans by Owner, % Frank Gioisoa, 625 No. 14th St., San Jose.
Contractor—M. Perino, 148 Race St., San Jose.

Planned
CREAMERY Cost, $——
LOS PALOS, Merced Co., Calif.
One - story concrete and hollow tile creamery.
Owner—Gustine Creamery (Branch of California Milk Products Co.)
Architect—Not Given.

Contract Awarded
ADDITION Cost, $——
STOCKTON, San Joaquin Co., Calif.
Five-story elevator and barley rolling and corn cracking addition to mill (40-ft. square) wood frame and galvanized iron construction.
Owner — Poultry Producers' Association of Central California (R. S. Cannon, Mgr.)
Plans by Engineering Dept. of Owner.
Contractor—T. W. Williamson, P. O. Box 93, Stockton.

CONTRACT AWARDED
SANTA MONICA, Los Angeles Co., Cal.—Harman & Co., 3044 Riverside Drive, Los Angeles, awarded contract by Douglas Aircraft Company, at approximately $65,000, for concrete work for a new manufacturing unit (300x300 ft.) to be added to the west side of the company's plant at 9000 Ocean Park Blvd., Santa Monica. Edward Cray Taylor and Ellis Wing Taylor, 803 W. Third St., Los Angeles, architects and engineers.

FIRE LOSS
WOODLAND, Yolo Co., Calif.—Fire destroyed the Hughes Popsicle Manufacturing plant in West Sacramento March 21. Damage estimated at $20,000. Eric Hughes is the proprietor.

COMPLETING PLANS
LOS ANGELES, Cal.—Architect A. R. Sedgley, 910 N. Serrano Ave., is completing working drawings for a one-story frame and corrugated iron reinforced concrete and brick distillery building with four-story tower section warehouse and boiler room building to be erected at the southeast corner of Nadeau and Male Sts., Los Angeles County, for Hepburn & McTavish.

5— FLATS

Sub-Contracts Awarded
FLATS Cost, $11,500 each
SAN FRANCISCO. Beaumont Avenue (Francisco Heights).
Two 2-story and basement frame and stucco flats (two 5-room flats in each building) flat roof, steel and wood sash, hardwood floors, tile baths, steam heating system, etc.
Owner and Builder—L. B. Ham and George T. Davis, 105 Montgomery Street.
Architect — Ed. Musson Sharpe, 525 Market Street.
Roofing—Higgins & Kraus, 741 Tehama Street.
Electric Wiring—C. W. Farrow, 1534 Eighth Avenue.
Heating—Higgins & Kraus, 741 Tehama Street.
Sheet Metal—Atlas Heating Co., 557 Fourth Street.
Tile Work—Donlon and Fratessa, 24 12th Street.
Iron Grille Work—Sunset Iron W'ks, 964 Harrison Street.
Brick Work—F. A. John, 2822 Bush.
Lathing and Plastering—Jas. Piconi, 63 Gilbert Street.
Lumber—Loop Lumber Co., Central Basin.
Wood Sash—Portman's Planing Mill, 1618 Mission Street.
Hardware—Jackson Hardware Co.
Painting—A. E. Lane.
Concrete—Standard Concrete Co., 3025 Geary Street.
Flooring—Carl Stendell, 41 Cumberland Street
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Avenue.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 6 27th Street.
Alterations to flats.
Owner—George Callos, 1546 Guerrero.
Architect—Not Given.
Contractor — Wm. Byrne, 1606½ Dolores Street.

To Be Done By Day's Work
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 2337 Greenwich.
Alterations to flats.
Owner—G. Servetto, premises.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

March 20, 1936

To Ask Bids Within One Week.
GARAGE Cost, $14,000
SEBASTOPOL, Sonoma Co., Calif.
One-story reinforced concrete garage at High School.
Owner — Analy Union High School District.
Architect—Louis Stone and Henry C. Smith, Humboldt Bank Bldg., San Francisco.

Sub-Contracts Awarded.
ADDITION Cost, $20,000
OAKLAND, Alameda Co., Calif. 2601 Adeline Street.
One-story concrete garage addition.
Owner — Kraft-Phenix Corp., 962 Battery St., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Mill Work—Lannom Bros. Planing Mill, 5th & Magnolia Sts., Oakland.
Mis Iron—Independent Iron Works, 821 Pine St., Oakland.
Roofing—J. W. Bender Roofing Co., 18th & Bryant Sts., San Francisco.
Glass—W. P. Fuller & Co., 259 10th St., Oakland.
Masonry—Harry E. Drake, 3855 California St., San Francisco.
Electric—Alta Electric & Mechanical Co., 467 O'Farrell St., San Francisco.
Plumbing & Heating—James H. Pinkerton, 927 Howard St., San Francisco.
As previously reported, lumber awarded to J. H. McCallum, Bryant and Oak Grove Sts., Oakland. Reinforcing steel to Gunn, Carle & Co., 20 Potrero Ave., San Francisco.

March 23, 1936

Contract Awarded.
SERVICE STATION Cost, $3500
SAN MATEO, San Mateo Co., Calif. 19th St. and El Camino Real.
One-story service station.
Owner and Builder—H. D. Currence, 30 10th Ave., San Mateo.
Architect—Not Given.

CONTRACT AWARDED
LOS ANGELES, Cal.—Ray J. Daum 3964 Budlong Ave., awarded contract at approximately $33,257 for construction of a one-story, Class C brick and concrete garage and salesroom building (95x211-ft.) at 1050 E. Slauson Ave. for W. H. Daum. A. G. Bailey, 1322 S. Curson Ave., architect.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. NE Burnett and Portola Drive.
Alterations to service station.
Owner—The Texas Co., Hearst Bldg.
Plans by Engineering Dept. of Owner.
Contractor—H. T. Gettins Co., 268 13th Street. *

7— FEDERAL BUILDINGS

BIDS OPENED
SAN FRANCISCO.—Thos. M. Jones, 643 29th Ave., at $747 submitted only bid to Construction Engineer, Federal Office Bldg., for dark room equip. at the Federal Office Building in San Francisco. Bid referred to Washington. *

BIDS OPENED
PEARL HARBOR, T. H.—City Welding Shop, Honolulu, T. H., at $4,590, submitted low bid to Commandant 14th Naval District, Pearl Harbor, for improvements to elevators at the Fleet Air Base, Pearl Harbor; Spec. No. 8,110. Only other bid was submitted by Van Hamm Young Co., Ltd., Honolulu, at $4,979.
Bids held under advisement. *

BIDS WANTED
MARE ISLAND, Cal. — Until April 15, 11 A. M., bids will be received by Public Works Officer, Mare Island Navy Yard, for completion of painting five, 450 foot steel radio towers at the Navy Yard (Radio Station) Mare Island. Specifications No. 8096.
Work consists of complete cleaning and painting of four towers and partial clearing and painting of one tower.
Plans and specifications may be obtained from above office and from the Bureau of Yards and Docks, Navy Department, Washington, D. C., upon deposit of $5.

Sub-Contracts Awarded
POST OFFICE Cont. Price, $83,000
REDDING, Shasta Co., Calif. Oregon Street bet. Placer and Yuba Sts.
United States Post Office.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Dinwiddie Const. Co., Crocker Bldg., San Francisco.
Reinforcing Steel—Pacific Coast Steel Co., 20th and Illinois Streets, San Francisco.
Limestone—California Cut Stone Co., South San Francisco.
Roofing—J. W. Bender Roofing Co., 1999 Bryant St., San Francisco.
Mill Work—Lannom Bros., Fifth and Magnolia Sts., Oakland.
Glass — Habernicht & Howlett Glass Co., 529 Clay St., San Francisco.
Hardware—Corbin Hardware Co.
Steel Windows—S. Pomeroy.
Marble—Eisele & Dondero, 2895 3rd St., San Francisco.
Terrazzo—Valley Terrazzo Company.
Plumbing and Heating—Scott Co., 243 Minna St., San Francisco.
Electric — American Electric Co., 462 Bryant St., San Francisco.
Vaults—Herring-Hall-Marvin Safe Co. 214 California St., San Francisco.
Lumber—Redding Lumber Co., Redding.
Gravel, Sand and Rock—Chas. Dietelhorst, Redding.
A previously reported, excavation awarded to S. R. Eastwood, Redding; structural steel to Judson Pacific Co., 609 Mission St., San Francisco; waste molds to Herman Bosch, 2075 Folsom St., San Francisco.

CONTRACT AWARDED
SAN DIEGO, Calif.—Whiting-Mead Co., 2260 E Vernon Ave., Los Angeles, awarded contract by the 11th Naval District at $660 for replacement of fencing and window guards at Naval Operating Base (Supply Depot) San Diego, under Spec. No. 8163.

Bids Wanted — To Close April 17, 1 P. M.
POST OFFICE Cost, $——
CARSON CITY, Ormsby Co., Nevada.
U. S. Post Office and Courthouse, (elevators, etc.)
Owner—United States Government.
Plans by Supervising Architect., Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.

8— CLUB BUILDINGS

Contract Awarded
BUILDING Cost, $8,000
MOUNTAIN VIEW, Santa Clara Co., Cal. Bush and Calderon Avenue.
One - story frame and stucco chapel, lodge hall and kitchen.
Owner—Society of Fiesta of Old Mountain View (Serafin Aguier, Pres.)
Architect—Not Given.
Contractor—John Cardoza, Mt. View.

Plans Being Prepared.
CLUBHOUSE Cost, $40,000
RIO DEL MAR, Santa Cruz Co., Cal.
One-story reinforced concrete clubhouse (174 feet in length) (concrete piers) 400 lockers, dining rooms, tile shower room, kitchen, steam heating plant, etc.
Owner — Rio Del Mar Country Club (Walter McGowan, Gen. Mgr.)
Plans by Engineering Dept. of Owner, Russ Bldg., San Francisco.
Whether bids will be asked or not is not determined at this time.

9— HOSPITALS

CONTRACT AWARDED
SAN FRANCISCO.—W. G. Thompson, 336 Church St., at $2,535 awarded contract by Treasury Department for interior and exterior painting of buildings at the Marin Hospital. Work includes certain interior painting of main building No. 1, and exterior painting of buildings Nos. 1, 6, 7, 9, 10 and 16.

Planned
HOSPITAL Cost, $——
MADERA, Madera Co., Calif. East Yosemite Ave. and North A St.
New hospital building (to accommodate 12 patients) two operating rooms, laboratory, delivery room, X-ray room, kitchen, nurses' dining room, etc.
Owner—Dr. R. R. Dearborn, 107 So. D St., Madera.
Architect—Not Given.
Further details will be announced at a later date.

Bids Wanted—To Close April 21, 2 P. M.
WARD Cost, $——
CAMARILLO, Ventura Co., Calif. (State Hospital).
Two-story reinforced concrete ward building (units 6 and 7), tile roof, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Plans and specifications may be obtained from above office upon deposit of $25.
Bids will be taken as follows:
(1) General Work.
(2) Electrical Work.
(3) Plumbing.
(4) Heating and Ventilating.

Planned.
NURSERY Cost, $——
SAN JOSE, Santa Clara Co., Calif. Eighth Street.
New day nursery.
Owner—San Jose Day Nursery, 32 N-Seventh St., San Jose.
Architect—Not Given.
Contractor — George Kocher, Notre Dame Ave. and Carlisle St., San Jose.

Bids Wanted—To Close April 13, 10 A. M.
ALTERATIONS, ETC. Cost, $——
SALEM, Oregon.
Alterations and additions to State Tuberculosis Hospital.
Owner—State of Oregon.
Architect—L. L. Dougan and C. H. Wallwork, 115 Studio Bldg., Portland.
Plans and specifications may be obtained from the architects upon deposit of $15.

Bids will be opened in the office of the State Treasurer, Oregon Bldg., Portland.

10— HOTELS

Planned
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. 12th and L Streets.
Alterations and redecorating of the Senator Hotel.
Owner — Hotel Senator Corp. (J. L. Nagle, Pres.; A. M. Hull, Mgr.)
Architect—Robt. C. Hite, care owner.
Further details will be announced shortly.

12— POWER PLANTS

BIDS WANTED
BOULDER CITY, Nev.—Until April 11, 10 A. M., bids will be received by the Bureau of Reclamation, Boulder City, Nevada, under Spec. No. 780-D, for the construction of rubber - tile floor covering for the Boulder power plant and switchyard relay house, Boulder Canyon Project. The work is located about 7 miles northeast of Boulder City.

Work shall be commenced within 10 calendar days and completed within 75 calendar days from the date of receipt of notice to proceed.

Specifications obtainable from the office of the Bureau of Reclamation at Boulder City, Nevada, or Denver, Colo., without charge to prospective bidders; to others, $1.00 per copy, not returnable.

BIDS WANTED
BOULDER CITY, Nev.—Until April 9, 10 A. M., bids will be received by the Bureau of Reclamation, Boulder City, under Spec. No. 778-D, for the construction of sheet-metal work for the cooling and ventilating system for the Boulder power plant, Boulder Canyon Project. The work is located about 7 miles northeast of Boulder City.

Work shall be commenced within 10 calendar days and completed within 180 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the office of the Bureau of Reclamation at Boulder City, Nevada, or Denver, Colo., without charge to prospective bidders; to others, $2.00 per copy, not returnable.

BIDS WANTED
BOULDER CITY, Nev.—Until April 10, 10 A. M., bids will be received by the Bureau of Reclamation, Boulder City, Nev., under Spec. No. 779-D, for the construction of structural glass marble, and aluminum work for the Boulder Dam and power plant, Boulder Canyon project, located about 7 miles northeast of Boulder City.

The principal items of work involved are:

(1) Furnishing and installing structural glass and accessories for wainscots, toilet stalls, shower stalls, dressing room stalls, screen partitions, and seats.

(2) Furnishing and installing marble, together with hollow tile partitions and furring, for the lobbies in the two elevator towers on the Boulder Dam.

(3) Furnishing and installing paneled railings of structural glass and aluminum for control rooms in the Boulder power plant.

(4) Furnishing and installing aluminum doors and appurtenant hardware for structural glass work.

Work shall be commenced within 15 calendar days and completed within 120 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the office of the Bureau of Reclamation at Boulder City, Nevada, or Denver, Colo., without charge to prospective bidders; to others, $1.50 per copy, not returnable.

LOW BIDDERS
PEARL HARBOR, T. H.—Alta Elec. & Mechanical Co., 467 O'Farrell St., San Francisco, at $146,920 submitted low bid to Bureau of Yards & Docks, Navy Department, Washington, D. C., for remodeling sub-station building and for electrical equipment at the Navy Yard, Pearl Harbor, T. H. Specification No. 8051. Second low bid was submitted by Hawaiian Electrical Co., Honolulu, at $147,000.

Complete bids will be published shortly.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED
SAN JOSE, Santa Clara Co., Cal.—D. N. & E. Walter, 562 Mission St., San Francisco, at $6138.94 submitted only bid and was awarded contract by City Council for following work:
(1) Furnishing and laying linoleum in auditorium, kitchen, two exhibit halls, five committee rooms and men's and women's rest rooms.
(2) Venetian blinds for 33 windows in main auditorium.
(3) Draperies for 19 windows in committee and exhibit room and Dunne Hall, nine hangings in Montgomery Theatre and six large drapes in main auditorium.
(4) Carpets to cover auditorium foyers and four aisles and two small platforms on either side of Montgomery stage.

Concrete Contract Awarded.
COURT HOUSE Cont. Price, $424,432
SALINAS, Monterey Co., Calif. Site of Old County Courthouse (Cayuga Street).
Three - story reinforced concrete fireproof court house (reinf. concrete foundations, steam heating plant, gas fired boilers, temperature control, composition roof, etc.)
Owner—County of Monterey.
Architect—Robert Stanton, Del Monte Hotel, Del Monte, and Chas. Butner, Glikbarg Bldg., Salinas.
Engineer—Richard Ware, care architect.
Mechanical Engineer—G. M. Simonson 74 Montgomery St., San Francisco
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Concrete—Central Supply Co., Watsonville.
As previously reported, excavation contract awarded to Gunite Const. Co. Watsonville.
Other awards will be made shortly.

Bids Opened.
ADDITION Cost, $9000
STOCKTON, San Joaquin Co., Calif. Channel and San Joaquin Streets.
Reinforced concrete addition to county jail (to accommodate 75); steel doors, Fenestra steel resisting or Soule steel windows, etc.
Owner—County of San Joaquin.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
Low Bidder—Samuel Eyre, Tracy.
Complete bids follow:
Samuel Eyre, Tracy $12,560
Carl Nelson, Stockton 13,273
John Hachman, Stockton 13,800
Bids held under advisement.

Sub-Contracts Awarded.
AUDITORIUM Cont. Price, $109,535
EUREKA, Humboldt Co., Calif. F St. between 11th and 12th Streets.
One-story and balcony civic auditorium (main auditorium 100 feet square; stage, secondary room, large foyer, etc.; concrete walls, steel trusses, steel balcony, wood sheathing, interior redwood finish, steel sash, hot air heating system ventilating system, etc.; to seat 2400).
Owner—City of Eureka.
Architect—F. T. Georgeson, 537 G St., Eureka.
Structural Engineer—W. H. Ellison, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Lumber—Humboldt Milling Co., Eureka.
Form Lumber—E. S. Hanson, Eureka
Electric—Home Electric Co., Eureka.
Plumbing, Heating and Ventilating—James A. Nelson, Inc., 1375 Howard St., San Francisco.
Concrete—Central Supply Co. Watsonville.

BOND ELECTION
WILLIAMS, Colusa Co., Cal.—City of Williams will vote April 21 on a proposal to issue bonds in the amount of $15,400 to finance construction of a one-story city hall, firehouse and jail in Williams.

Preliminary plans prepared by Architects Starks and Flanders, Forum Bldg., Sacramento.

Preparing Preliminary Plans
AUDITORIUM Cost, $67,350
SANTA CRUZ, Santa Cruz Co., Cal. Church and Locust Streets.
One - story and balcony, structural steel and reinforced concrete auditorium (88x169 ft.) main hall to seat 1200, balcony to seat 350; stage, dressing rooms, six committee rooms, etc.
Owner—City of Santa Cruz.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Financing arrangements are now being discussed.

Plans Completed
LIBRARY Cost, $14,000
SACRAMENTO, Sacramento Co., Cal. McKinley Park
One-story reinforced concrete branch library.
Owner—City of Sacramento.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Plans are awaiting approval of the city council.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $35,000
PIEDMONT, Alameda Co., Cal. Seaview Avenue.
Two-story and basement, frame and brick veneer residence (12 rooms, 6 baths) shingle tile roof, gas hot air heating system, tile baths, hardwood floors, etc.
Owner—Mr. Catlin.
Architect—Fred Reimers, 233 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $60000
SAN JOSE, Santa Clara Co., Calif. No. 1441 McDaniel Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—Paul N. Anderson, 1210 Lincoln Ave., San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCES Cost, $2500 each
SAN JOSE, Santa Clara Co., Calif No. 541-545 Minor Avenue.
Two one-story frame residences (3 rooms each).
Owner—H. C. Schlosser, 115 Hollywood Ave., San Jose.
Architect—Not Given.

Contractor—H. E. Hiatt, 243 Vine St., San Jose.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. No. 1500 Calaveras Avenue.
Two-story frame and stucco residence (7 rooms).
Owner — George Lindsay, 1408 Hanchett Court, San Jose.
Plans by George Kocher.
Contractor—George Kocher, Graphic Arts Bldg., San Jose.

Contract Awarded.
RESIDENCE Cost, $4500
SAN JOSE, Santa Clara Co., Calif. 1098 Locust Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—Tony De Carlo, 168 Union St., San Jose.
Architect—Not Given.
Contractor—John D'Amico, Rt. 3, Box 562, Storey Road, San Jose.

Contract Awarded.
RESIDENCE Cost, $3500
SAN JOSE, Santa Clara Co., Calif. No. 1472 Shortridge Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—V. Felicich, E. San Fernando St., San Jose.
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 N 31st St., San Jose.

Contract Awarded.
RESIDENCES Cost, $3000 each
SAN JOSE, Santa Clara Co., Calif. No. 1691-1695 Shortridge Avenue.
Two one-story frame and stucco residences (4 rooms each).
Owner—V. Guluzzo, Mt. Pleasant Rd., San Jose.
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 N. 31st St., San Jose.

Contract Awarded
RESIDENCE Cost, $6,000
PIEDMONT, Alameda Co., Calif. 221 Bonita Avenue.
Two-story frame and stucco residence (six rooms).
Owner—A. M. Braddock, 908 J Street, Sacramento.
Architect—E. R. DeChenne, 364 14th St., Oakland.
Contractor—T. M. Almquist, 4218 La Cresta, Piedmont.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. E Dunsmuir N Silver Avenue.
Five one-story and basement frame and stucco residences.
Owner and Builder—Heyman Bros. 742 Market Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. E 31st Avenue S Kirkham Street.
Nine one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

Plans Being Completed
RESIDENCE Cost, $8,000
SAN FRANCISCO. 27th Avenue near El Camino del Mar.
Two-story frame residence (7 rooms, 2 baths) asbestos shingle siding on walls, asbestos shingle roof, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. D. M. Campbell.
Architect—Arnold Constable, 580 Market Street.
Bids will be asked March 30.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5333 Brann Street.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—A. E. Waldman, 3192 McKillop Road, Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,077
SAUSALITO, Marin Co., Cal. Prospect Avenue.
Two-story frame residence (7 rooms, 2 baths) asbestos shingle siding on walls, asbestos shingle roof, wood sash, hardwood floors, tile baths, etc.
Owner—R. J. Morehouse.
Architect—Arnold Constable, 580 Market St., San Francisco.
Contractor—E. J. Lehman, 782 Elizabeth St., San Francisco.

Contract Awarded
RESIDENCE Cost, $11,000
OAKLAND, Alameda Co., Calif. 6016 Acacia Avenue.
Two-story frame and stucco residence (six rooms).
Owner—C. P. Stapleton.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded
RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Calif. 35 Eucalyptus Path.
One-story frame residence (4 rooms).
Owner—Mertie Gay.
Architect—Not Given.
Contractor—Fox Brothers, 1478 Union Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 2879 East 16th Street.
One - story and basement frame and stucco residence (five rooms).
Owner—H. R. Edner, 1629 Sixth Ave., Oakland.
Architect—Not Given.
Contractor—Robt. Trimlett, 5027 Foothill Blvd., Oakland.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 2766 Kingsland Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner—George Woods, 2606 56th Ave., Oakland.
Architect—Not Given.
Contractor—H. A. Johnson, 2462 Mavis St., Oakland.

Plans Being Figured — Bids Close April 1.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co.
Two-story frame and stucco residence (10 rooms and 3 baths) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Ruag.
Architect — Leo Sharps, 1477 Burlingame Ave., Burlingame.
Following will submit bids:
Oscar Cavanagh, 432 Occidental Ave., San Mateo.
Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.
C. H. Bessett, 826 Walnut Ave., Burlingame.
R. Minor, 1444 Burlingame Avenue, Burlingame.
Dowsett Ruhl Co., Russ Bldg., San Francisco.

Plans Completed.
RESIDENCES Cost, $5000 & $6000
SAN FRANCISCO. Francisco Heights
Ten one-story and basement frame and stucco residences (5 and 6 rooms) tile & composition shingle roofs, hardwood floors, tile baths, etc.)
Owner and Builder—Heyman Bros., 742 Market St., San Francisco.
Architect — C. O. Clausen, 746 Ave., San Francisco.
Sub-bids will be taken in about 1 week.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. N Crestlake West Sloat Blvd.
Four one-story and basement frame and stucco residences.
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. W Nueva S Blanken.
Four one-story and basement frame and stucco residences.
Owner and Builder—Wm. H. Grahn, 2965 Mission Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $12,000
SAN FRANCISCO. Germain Ave. W Twin Peaks Blvd.
Two-story frame and stucco residence
Owner—L. H. Nishkian.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—J. H. Hjul, 128 Russ St., San Francisco.
Construction will start in about one week.

CONTRACT AWARDED
STANISLAUS COUNTY, Cal. — Wallstrom & Ahlberg, Turlock, at $3,674 awarded contract for constructing two one-story ditch tenders' houses one to be erected near Hughson and one near Delhi.

Contract Awarded
RESIDENCE Cost, $4,500
SAN FRANCISCO. W Rhode Island, S 25th Street.
One - story and basement frame and stucco residence.
Owner—M. A. Bertram, 525 Texas St.
Architect—Not Given.
Contractor — The Cicerone Co., 1101 Potrero Avenue.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. E 16th Avenue S Rivera.
One - story and basement frame and stucco residence.
Owner and Builder—Jas. A. Arnott, Jr., 633 Taraval Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO. E Conrad, 153 S Desmond.
One - story and basement frame and stucco residence.
Owner—J. B. Williams, 137 Shakespeare Street.
Architect—Not Given.
Contractor—Williams Const. Co., 137 Shakespeare Street.

Contract Awarded.
RESIDENCE Cost, $5000
LOS ALTOS, Santa Clara Co., Calif. Los Altos Golf & Country Club.
One-story frame residence and garage.
Owner—Prof. Lewis M. Terman, 761 Dolores St., Palo Alto.
Architect—Charles K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor — Carroll Da Mant, 137 Donohoe St., Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $7500
FRESNO, Fresno Co., Cal. No. 915 Cambridge Street.
Two-story frame and stucco residence
Owner and Builder—John G. Porter. 177 Blackstone Ave., Fresno.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Calif. No. 2202 Lakeside Street.
Two-story frame and stucco residence (6 rooms).
Owner—George W. Jones, 526 S. Grant St., Stockton.
Architect—Not Given.
Contractor—F. Paul Dobson, 1150 W. Harding St., Stockton.

Contract Awarded.
RESIDENCE Cost, $6500
ALAMEDA, Alameda Co., Cal. No. 3126 Gibbons Drive.
Two-story frame and stucco residence (6 rooms).
Owner—C. P. Haulman, 1243 Broadway, Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.

Contract Awarded.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Calif. No. 2666 Virginia Street.
Two-story frame and stucco residence (8 rooms).
Owner—Miss Anna Paul, Leach St., Oakland.
Architect—Not Given.
Contractor—C. M. Teigland, 4668 Dolores Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $4000
REDWOOD CITY, San Mateo Co., Calif. No. 1019 Iris Street.
One-story and basement frame and stucco residence.
Owner—Joe Farr.
Architect—Not Given.
Contractor—Storey & Taylor, 370 Hillview Ave., Redwood City.

Construction Started
RESIDENCE, ETC. Cost, $——
MT. DIABLO, Contra Costa Co., Calif.
Two-story frame ranch house, swimming pool, garage, etc. (tile roof, steel sash, etc.)
Owner—Chas. M. Fryer.
Architect—Newsom & Newsom, Russ Building, San Francisco.
Contractor—Mgr. of Const.—M. Allen, Mt. Diablo.

To Be Done By Day's Work
ALTERATIONS Cost, $1,500
PALO ALTO, Santa Clara Co., Calif. 926 Cowper Street.
Alterations to residence.
Owner and Builder—John W. Lewis, 926 Cowper St., Palo Alto.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE, ETC. Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. 198 Dana Avenue.
One - story frame, stucco and stone residence, summer house garage and barbecue pit, etc.
Owner and Builder—William Staller, 360 Forest Ave., Palo Alto.
Architect—Harold G. Stoner, 41 Sutter St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. S Noe Street W 30th Avenue.
One - story and basement frame and stucco residence.
Owner and Builder—H. B. Barber, 225 College Avenue.
Architect—Not Given.

Contract Awarded
RESIDENCE Cont. Price, $3,393
SAN FRANCISCO. Francisco Heights.
One-story frame and stucco residence (5 rooms, 1 bath) Spanish-Colonial style; composition shingle roof, wood sash, hot air gas heating system, stall shower, service porch and entrance, etc.
Owner—Paul W. Graves.
Architect—Oscar R. Thayer, 110 Sutter Street.
Contractor—Carl G. Rosberg, 309 Cordova Street.

Bids Opened.
RESIDENCE Cost, $6500
CONTRA COSTA COUNTY, Calif. Moraga Valley.
One and one - half - story frame and stucca residence (6 rooms and 2 baths) tile roof, steel sash, hardwood floors, tile baths, etc.
Owner—Herbert Hauser.
Architect—Guy L. Brown, American Bldg., Oakland.
Low Bidder — Reite & Shaw, 1397 E-27th St., Oakland.
Complete bids follow:
Reite & Shaw, Oakland.....$ 9,876
J. Petersen & Sons, Oakland.... 9,936
J. R. Rich, Oakland..... 10,080
Bids will be rejected, and new bids taken from the two low contractors.

Contract Awarded
RESIDENCE Cost, $4,500
SAN FRANCISCO. E Boardman Pl., S Bryant Street.
One - story and basement frame and stucco residence.
Owner—G. Giannetti, 17½ Boardman Place.
Architect—Not Given.
Contractor—Arturo Barsotti, 1499 Quesada Street.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. E Cayuga W Rosseau.
One - story and basement frame and stucco residence.
Owner & Builder—B. E. Nelson, 3706 26th Street.
Architect — Wm. Mooser, Monadnock Building.

Contract Awarded
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. W 45th Avenue S Kirkham Street.
Two one - story and basement frame and stucco residences.
Owner—Anza Home Building Co., 321 Kearny Street.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Oliver M. Rousseau, 321 Kearny Street.

Plans Being Figured.
RESIDENCES Cost, $4200 each
SAN LEANDRO, Alameda Co., Cal.
Three one-story and basement frame and stucco residences (six rooms each) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

To Be Done By Day's Work
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 3710 Clay Street.
Alterations to residence.
Owner—V. W. Nielsen, premises.
Architect—Conrad Kett, 519 California Street.

Contract Awarded
ALTERATIONS Cost, $1,400
SAN FRANCISCO. 2415 Washington Street.
Alterations to residence.
Owner—F. A. Walter, 134 Funston Avenue.
Architect—Not Given.
Contractor—James B. McSheehy, 137 Clifford Terrace.

Contract Awarded.
RESIDENCES Cost, $4000 each
BERKELEY, Alameda Co., Calif. 1810-1812-1822 and 1836 Arch St.
Four one and one-half-story frame residences (4 rooms each).
Owner—G. Hewitt, 68 Plaza Drive, Berkeley.
Architect—Not Given.
Contractor — P. Reininghaus, 117 El Camino Real, Berkeley.

Contract Awarded
RESIDENCES Cost, $3,500 each
SAN FRANCISCO. 42nd Avenue near Judah Street.
Two 1-story and basement wood frame and stucco residences (5 rooms and garage each) tile trim, asphalt and tile roof, terrazzo steps, tile in kitchens and bathrooms, warm air heating systems, hardwood floors, etc.
Owner—A. L. Medrow.
Plans by L. O. Berg, 720 Corbett Ave.
Contracter—Einar Berg, 24 Stillings Avenue.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 2065 Thirty-eighth Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner—J. Cerruti, 2065 38th Avenue, Oakland.
Architect—Not Given.
Contractor—John Cisero, 474 42nd St., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. No. 2180 Bryant Street.
Two-story and basement frame and stucco residence (6 rooms).
Owner—Mrs. A. B. Lemmon, 1116 Ramona St., Palo Alto.
Architect—Not Given.
Contractor—Stedman & Stedman, 1818 Bryant St., Palo Alto.

Plans Being Completed
RESIDENCE Cost, $20,000
PIEDMONT, Alameda Co., Cal. Upper Piedmont Estates.
Two - story and basement frame and stucco residence (tile roof, hardwood floors, tile baths, etc.)
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Sub-Being Taken Taken.
RESIDENCE Cost, $4,000
SALINAS, Monterey Co., Calif.
One-story frame and stucco residence (five rooms).
Owner and Builder—Verne Bryan, Rt. 1, Box 209, Salinas.
Architect—Chester Root, Security Bldg., San Jose.

Plans Being Figured
RESIDENCE Cost, $4,000
IRVINGTON, Alameda Co., Calif.
One-story frame and stucco residence (four rooms).
Owner—Withheld.
Architect—Chester Root, Security Bldg., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $4500
SAN MATEO, San Mateo Co., Calif. One-story frame and stucco residence (5 rooms).
Owner—Withheld.
Architect — Chester Root, Security Bldg., San Jose.

Contract Awarded.
RESIDENCE Cost, $4500
STOCKTON, San Joaquin Co., Calif. No. 1736 Lucerne Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—Ivan E. Hitt, 1629 So. Stanislaus St., Stockton.
Architect—Not Given.
Contractor—P. C. Hunt, P. O. Box 104, Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
BELLHAVEN, San Mateo Co., Calif. Almanor Street.
One-story frame and stucco residence
Owner and Builder—David D. Bohannon, Bay and Circle Road, Menlo Park.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, $40,280
SAN FRANCISCO. Pacific Ave. and Pierce Street.
Three-story frame ,stucco and brick veneer residence.
Owner—Mortimer Fleishhacker.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Electric—Frank Goodman, 666 Mission Street.
Plumbing—Scott Co., 243 Minna St.
Marble Mantels—J. E. Back Co., Inc., 1533 San Bruno Ave.
Roofing—J. W. Bender, 18th and Bryant Street.
Doors—di Cristina & Son, 3150 18th Street.
Excavation—L. Devincenzi, Blake St.
Masonry—W. A. Rainey & Son, 323 Clementina Street.
Mill Work — Pacific Mfg. Co., 454 Montgomery St.
Concrete Materials—Golden Gate Atlas Materials Co., 16th and Harrison.
Lumber — Loop Lumber Co., Central Basin.

Contract Awarded.
RESIDENCE Cost, $16,000
OAKLAND, Alameda Co., Cal. No. 44 Bowling Drive.
Two-story and basement frame and stucco residence (9 rooms).
Owner—H. E. Crowe, 1107 Amador St., Berkeley.
Architect—Not Given.
Contractor—T. A. Muller, 1416 Jefferson St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
ALAMEDA, Alameda Co., Cal. No. 3001 Gibbons Drive.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—Chas. Falk, 1520 E. 38th St., Oakland.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contract Awarded.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. No. 1355 Queens Road.
Two-story frame and stucco residence (6 rooms).
Owner—Mrs. A. Flagg, 1866 B Street, Hayward.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor — Frank G. Apelbe, 1067 Walker St., Oakland.

PREPARING PLANS
BAKERSFIELD, Kern Co., Cal.—Architect Clarence Cullimore, 101 Oleander Ave., Bakersfield, is preparing plans for the following residences to be built in Bakersfield: Colonial style residence for Dr. Keith S. McKee to cost $30,000; frame and stucco residence, with shingle roof, for Malcolm Brock to cost $15,000; adobe residence for Asa C. Dimon to cost $10,000. Mr. Cullimore is also preparing plans for an adobe residence to be built in Visalia for Irvin H. Betts to cost $15,000, and an adobe residence in Woodlake for Fred E. Vanderhoof to cost $15,000.

RESIDENCE Cost, $5000
To Be Done By Day's Work.
OAKLAND, Alameda Co., Cal. No. 3735 Virden Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $11,000
BURLINGAME, San Mateo Co., Cal. Lot 13 Blk 57, Easton.
Two-story frame and stucco residence
Owner — M. O. Farmer, 1105 Bernal St., Burlingame.
Architect—Not Given.
Contractor—Frank G. Applebe, 1067 Walker Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Calif Lot 1 Blk 39, El Camino Real.
One-story and basement frame and stucco residence.
Owner & Builder—F. C. Grisez, Millbrae Highlands.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Calif. Lot 24 Blk 35, Dwight St.
One-story and basement frame and stucco residence.
Owner—John Buchanan, 230 Channing Road, Burlingame.
Architect—Not Given.
Contractor—Bean & Buchanan, 1512 Adeline Drive, Burlingame.

Contract Awarded.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Calif. Lot 8 Blk 7, Manor Chathoin.
One-story and basement frame and stucco residence.
Owner—Harvey Murch, 925 Laguna St., Burlingame.
Architect—Not Given.
Contractor—R. A. White, 744 Crossway, Burlingame.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. Lot 12 Blk 13, Maple Street.
One-story frame and stucco residence
Owner—Robert H. Levy.
Architect—Not Given.
Contractor—San Mateo Investment Co. 2562 El Camino Real, San Mateo.

Low Bidder.
RESIDENCE Cost, $20,000
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two-story frame and brick veneer residence.
Owner—George Harlow.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Jensen & Pedersen, 3413 Adeline St., Oakland.

Contract Awarded.
RESIDENCE Cost, $——
ROSS, Marin Co., Calif.
Two-story wood, board and batten residence (Early California Type) (10 rooms and 4 baths) split shake roof, wood sash, oil burning heating system, hardwood floors, tile baths, etc.
Owner—Oscar Heuter.
Architect—Harold Stoner, 11 Sutter St., San Fancisco.
Contractor—Sherwood Constr. Co., 39 Sutter St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One-story and basement frame and stucco residence (5 rooms).
Owner—Withheld.
Architect—Farr & Ward, 68 Post St., San Francisco.

Sub-Bids Wanted.
RESIDENCE Cost, $12,500
WOODSIDE HEIGHTS, San Mateo Co.
Two-story frame, stucco and brick residence (12 rooms).
Owner—Paul Wolter Jr., 72 Fernwood Drive, San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco.
Contractor—S. M. White, Woodside Heights, adjacent to Menlo Country Club.

To Be Done By Day's Work
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Calif. 1415 Ada Street.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—J. A. Stroud, Jr., 370 17th St., Oakland.
Contractor—C. H. Treichel, 696 Cleveland Ave., Oakland.

Plans Being Completed
RESIDENCES Cost, $5,000-$6,000
SAN FRANCISCO. Francisco Heights
Ten one - story and basement frame and stucco residences five and six rooms) tile & composition shingle roofs, gas heating systems, wood sash, hardwood floors, tile baths)
Owner and Builder—Heyman Brothers, 742 Market Street.
Architect—C. O. Clausen, 746 46th Ave.
Sub-bids will be asked in one week.

Sub-Bids Wanted.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No 5614 Balboa Drive.
Two-story frame and stucco residence (seven rooms).
Owner—Paul A. Wolter Jr. 72 Fernwood Drive, San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco.
Mgr. of Conser. — James Allen, 6718 Flora St., Oakland.
Sub-bids are wanted on all portions of work.

Plans Being Completed.
RESIDENCE Cost, $6500
RICHMOND, Contra Costa Co., Calif.
Two-story and basement residence (6 rooms and 2 baths) shake roof, plaster, board and batten exterior, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—James Narbett, 462 31st St., Richmond.
Bids will be asked in one week.

To Be Done By Day's Work.
RESIDENCE Cost, $3500
SAN JOSE, Santa Clara Co., Calif. No. 1335 Newhall Street.
One-story frame and stucco residence (5 rooms).
Owner—Clark L. Bradley, 1215 McKendrie St., San Jose.
Plans by Edward Kress, 121 Mayellan Ave., San Jose.

Preparing Working Drawings.
RESIDENCE Cost, $10,000
KENT, Marin Co., Calif.
Two-story stone and timber residence and double garage (seven rooms, three baths, maid's room, two sleeping porches, hardwood floors, fireproof shingle roof, etc.)
Owner—A. Pinther, Corte Madera.
Architect—W. E. Baumberger, 65 Wellington Ave., San Anselmo.
Bids will be asked in thirty days.

Plans Being Completed.
RESIDENCE Cost, $——
FORT BRAGG, Mendocino Co., Calif.
One-story and basement frame residence (five rooms) wood siding, shingle roof, wood sash, hardwood floors, etc.
Owner—Mr. Penitenti, Fort Bragg.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Owner will take bids shortly.

Contract Awarded.
RESIDENCE Cost, $3000
SAN JOSE, Santa Clara Co., Calif. No. 37 S. King Road.
One-story frame residence (4 rooms).
Owner—V. Guluzzo, Mt. Pleasant Rr., San Jose.
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 No. 31st St., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $3500
SAN JOSE, Santa Clara Co., Calif. No. 1656 McKee Road.
One-story frame and stucco residence (5 rooms).
Owner and Builder—V. & L. Costanzi, King Road, San Jose.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO, Calif. E. 16th Ave. S. Rivera St.
Two, one-story and basement frame and stucco residences.
Owner & Builder—Jas. A. Arnott & Son, 633 Taraval Street.
Architect—Not given.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif. 2356 Greenwich Street.
Alterations to residence.
Owner—J. R. Wessell, 1352 Filbert Street.
Architect—W. W. Wurster, 260 California Street.
Contractor—G. P. W. Jensen, 320 Market Street.

To Be Done By Day's Work
RESIDENCES $4,500 ea.
SAN FRANCISCO, Calif. S. Moraga W. 20th Ave.
Two, one-story and basement frame and stucco residences.
Owner & Builder — Pacific Coast Building, Inc., 369 Pine Street.
Architect—Not given.

Low Bidder
RESIDENCE Cost, $——
ORINDA, Contra Costa Co., Calif.
Two - story wood, plaster and brick residence (five rooms) shake roof, oil heating system, hardwood floors tile bath, etc.
Owner—Jos. Blum.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.
Low Bidder—J. M. Walker, 1709 Grove Street, Berkeley.

Owner Taking General Bids
RESIDENCE Cost, $18,000
VALLEJO, Solano Co., Calif.
Two - story and basement frame and stucco residence (9 rooms and 4 baths) tile roof, canvas walls, tile baths, steel sash, watertight hardware, oak floors, electric heating system (to be installed by owner)
Owner—Dr. E. J. Casper.
Architect—Chas. E. J. Rogers, Phelan Building, San Francisco, and Casa de Vallejo Hotel, Vallejo.

Contract Awarded.
RESIDENCE Cost, $9000
BURLINGAME HILLS, San Mateo Co., Cal. Hillside and Valdeflores Streets.
Two-story and basement frame and stucco residence.
Owner——C. J. Korinck.
Architect—Not Given.
Contractor—G. W. Williams, 315 Primrose Road, Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. NE Niagara and Cayuga Streets.
One-story and basement frame and stucco residence.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO. Pacheco St. and Tenth Avenue.
One-story and basement frame and stucco residence.
Owner—Grace Cheatham, 1939 10th Ave., San Francisco.
Architect—Not Given.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. E Eighteenth Ave N Wawona Street.
One-story and basement frame and stucco residence.
Owner and Builder—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. E Twenty-eighth Ave. N Rivera Street.
Two-story and basement frame and stucco residence.
Owner and Builder—N. E. Johnson, 666 Mission St., San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $5000
SAN FRANCISCO. No. 2447 Mission Street.
Alterations to residence and store.
Owner—A. Rauscher, Premises.
Architect—Not Given.
Contractor—Oscar Prescl & Sons, 240 Langton St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. W Almaden 195 N Anza St.
Two-story and basement frame and stucco residence.
Owner — Paul W. Graves, 1243 42nd Ave., San Francisco.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.
Contractor—Carl G. Rosberg, Hotel Royal, San Mateo.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, $5349
SANTA ROSA, Sonoma Co., Calif.
Two-story frame and stucco residence (six rooms) shingle roof, gas furnace, board and batton first floor, wood frame on second, oak floors, California stucco walls, etc. (early California type).
Owner—A. M. Call.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Leon Koch, 526 Orchard St., Santa Rosa.
Plumbing—W. D. Porter.
Heating—Ed. Holtz.
Tile Work—G. W. Davenport, San Rafael.
Glass—Allan Smith.
Sheet Metal—Ed. Holtz.
Brick Work—D. Lancina.
Lathing and Plastering—R. Keehn.
Flooring—Wm. Jorgensen.
Lumber—Allan Smith.
Concrete—M. Maxwell.
Painting—L. Jenson.
All of Santa Rosa unless otherwise noted.

Contract Awarded.
RESIDENCE Cost, $5445
SACRAMENTO, Sacramento Co., Cal. No. 1145 Swanstrom Drive.
Two-story frame and stucco residence (6 rooms).
Owner—Mrs. Melba Giorgi, 605 J St., Sacramento.
Architect—Not Given.
Contractor—C. C. Ruby, 4800 T St., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
SACRAMENTO, Sacramento Co., Cal. No. 2716 Sacramento Blvd.
Two-story frame and stucco residence
Owner and Builder—E. A. Corum, 2665 Donner St., Sacramento.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SACRAMENTO, Sacramento Co., Cal. No. 634 Fifty-fourth Street.
One-story and basement frame and stucco residence.
Owner & Builder—Jack Baldani, 1659 18th St., Sacramento.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7000
SACRAMENTO, Sacramento Co., Cal. 2674 Eleventh Avenue.
Two-story frame and stucco residence
Owner — Cliff Clower, 2332 Marshall St., Sacramento.
Architect—Not Given.
Contractor—E. A. Corum, 2665 Donner St., Sacramento.

Contract Awarded
RESIDENCE Cost, $4,500
BERKELEY, Alameda County, Calif. Shasta Road.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Contractor—Skovmand and Lewis, 729 E 18th St., Oakland.

Preparing Working Drawings.
RESIDENCE Cost, $5,000
BERKELEY, Ala. Co., Cal. Arch St.
One-story rustic residence (5 rooms) tar and gravel roof, gas heating system, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Bids will be asked in about 2 weeks.

Plans Being Completed
RESIDENCE Cost, $15,000
HAYWARD, Alameda Co., Calif.
Two-story rustic residence (10 rooms, 5 baths) shingle roof, gas heating system, hardwood floors, tile baths wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Bids will be asked in about 2 weeks.

Plans Being Figured.
RESIDENCE Cost, $7500
RICHMOND, Contra Costa Co., Calif. Mira Vista Tract.
Two-story and basement frame ond stucco residence (7 rooms and 3 baths) tile, tar and gravel roofing, central heating plant, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Jas. Narbett, 462 31st St., Richmond.
Following will submit bids:
George Tandy, 673 38th Street
C. Theiss, 1937 Garvin Avenue
Elmer Freethy, 224 16th Street.
Fred Hosking, 541 Civic Center.
Carl Overaa, 2105 Roosevelt Ave.
Norman Anderson, 3000 Barrett Ave.

J. A. Legault, 420 31st Street.
All of Richmond.

To Be Done By Day's Work.
RESIDENCES Cost, $1500 each
SAN FRANCISCO. SE Rome St. NE Mt. Vernon.
Three one-story and basement frame and stucco residences.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., S. F.
Architect—Not Given.

15— SCHOOLS

Planned
HIGH SCHOOL Cost, $115,000
AVENAL, Kings Co., Calif. Site to be selected.
New high school building.
Owner—Lemoore Union High School District.
Architect—W. H. Weeks, 593 Market St., San Francisco.
Proposed work is in a very preliminary stage.

CONTRACTS AWARDED
LOS ANGELES, Cal.—Los Angeles board of education awarded contracts for school painting and miscellaneous work as follows: Brockton Ave. school 1300 Brockton Ave., main building less 1931 addition, awarded to H. F. Thedinga & Co., 6305 Garvanza Ave., at $1085; Burnside Avenue school, 1515 Burnside Ave., 1924 portion of main building, awarded to Klass Bros., 3709 Edenhurst Ave., at$ 1387; Figueroa St. school, 11,115 S. Figueroa St., Bldg. No. 1, awarded to Patterson Bros., 573 Santa Rosa Ave., Oakland, at $3795; Thos. A. Edison junior high school, administration building, auditorium, 1927 portion of classroom building, boys' and girls' physical education building, shop, home economics and cafeteria buildings, awarded to Patterson Bros., at $9980; Pacific Boulevard school, 5714 Pacific Blvd., Huntington Park, north and south buildings, awarded to T. A. Rucker, 1012 S. Adams St., Glendale, at $1987; 79th St. school, corner 79th St. and McKinley Ave., main and kindergarten buildings, awarded to Patterson Bros., at $1740.

CONTRACT AWARDED
LOS ANGELES, Calif.—George M. Easton, 4822 W. Jefferson Blvd., Los Angeles, awarded contract by Los Angeles board of education at $146,800, for the construction of a two-story classroom building and a one-story boys' physical education building at Nathaniel Narbonne high school, 25,423 Redondo-Wilmington Blvd., Lomita. Albert C. Martin, architect, and Norman Patten, 233 Higgins Bldg., Los Angeles, structural engineer, and C. A. Sanborn & Co., 357 S. Hill St., Los Angeles, mechanical engineer.

LOW BIDDER
SANTA ANA, Orange Co., Calif.—Means, Ball & Honer, 103 E Third St., Santa Ana, submitted low bid to Santa Ana board of education at $69,987, for Unit E, a one-story classroom building to be erected at the high school site at Santa Ana. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects

BIDS WANTED
LOS ANGELES, Calif.—Until April 10, 11 A. M., bids will be received by Regents of the University of California at Los Angeles, Room 48, Library Bldg., U.C.L.A. campus, Westwood, for a two-story administration building and a one-story bus station to be erected on the university campus at Westwood. Both units will be of reinforced concrete construction with shingle tile roofs; the administration building will be 175x75-ft. in area; reinforced concrete slab type roof construction, steel sash, structural and reinforcing steel, concrete, brick, air conditioning, hardwood and linoleum floors, steam heating, toilets, retaining walls, tile drains, etc. The estimated cost of the two buildings is $213,000. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects; Leland & Hunter, 41 Sutter St., San Francisco, mechanical engineers.

BIDS WANTED
LONG BEACH, Cal.—Until April 1, 4 P. M., bids will be received by the Long Beach board of education for the construction of the Signal Hill elementary school. Plans and specifications may be obtained from the business manager of the board, 715 Locust Ave., Long Beach, upon deposit of $25. Clarence J. Aldrich, 1834 Dawson Ave., Long Beach, architect.

BIDS OPENED
LOS ANGELES, Cal.—Jack Ewins, 255 Stanton Ave., Pasadena, submitted low bid to Los Angeles board of education at $1475 for painting and miscellaneous work on the annex bldg. at the South Park school, 455 East Manchester Ave. Other bids were: D. Zelinsky & Sons, $1545; Klass Bros., $1580; Chris Heinsbergen, Jr., $1699; D. Wein, $1820; Harry Wasserman, $1840; Wm. Gelfan, $1850; T. A. Rucker, $1864; J. P. Carroll, $1929.

Bids Opened.
SCHOOL Cost, $55,000
OAKLAND, Alameda Co., Cal. Monticello and Fleming Aves.
Structural alterations to Maxwell Park School (15 classrooms).
Owner—Oakland School District.
Architect — W. G. Corlett, Oakland Board of Education, Oakland.
Low Bidder — Carl N. Swenson, 355 Stockton Ave., San Jose.
Complete bids follow:
(1) Salvage materials.

Carl N. Swenson, San Jose	$63,440	
	(1)	50
K. E. Parker Co., S. F.	64,240	
	(1)	400
Villadsen Bros., Piedmont	65,140	
	(1)	1,000
W. G. Thornally, Oakland	65,370	
	(1)	—
Monson Bros., San Francisco	65,504	
	(1)	200
George Swanstrom, Oakland	69,960	
	(1)	50
L. C. Dunn, San Francisco	71,246	
	(1)	100
Fred J. Early S. F. and Oakland	78,400	
	(1)	200

Bids held under advisement.

BIDS OPENED
LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E 18th St., submitted low bid to the Los Angeles board of education for painting and miscellaneous work on the administration (less 1925 portion) domestic science and shop Bldgs. Nos. 1 and 2 at the David Starr Jordan high school, 2265 E 103rd St. Other bids were: Jack Ewins, $3,395; Chris Heinsbergen, Jr., $3,573; Harry Wasserman, $3662; J. P. Carroll, $3960; Klaas Bros., $4150; D. Wein $4200; Wm. Gelfan, $4200; Patterson Bros., $4375; T. A. Rucker, $4732.

BIDS OPENED
LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E 18th St., submitted low bid to the Los Angeles board of education at $459, for painting and miscellaneous work at the Woodlawn Avenue school, 6314 Woodlawn Ave., Bell. Other bids were: Wm. Gelfan, $824; D. Wein, $950; Klaas Bros., $957; J. P. Carroll, $960; Harry Wasserman $975; T. A. Rucker, $1257.

BIDS OPENED
LOS ANGELES, Cal.—T. A. Rucker, 1012 S Adams St., Glendale, submitted low bid at $9320 to Los Angeles board of education for painting and miscellaneous work on the main, classroom, annex, cafeteria and domestic science and mechanical arts buildings at the John Muir junior high school, 5929 S. Vermont Ave. Other bids were: Wm. J. Shirley, $9488; J. P. Carroll, $9777; Wm. Gelfan, $10,400; H. Wasserman, $10,465; D. Zelinsky & Sons, $10,793; Patterson Bros., $11,982.

BIDS WANTED
LONG BEACH, Los Angeles Co., Cal.—Until April 1, 4 P. M., bids will be received by Long Beach Board of Education for the construction of the Signal Hill Elementary School. Plans and specifications may be obtained from the business manager of the board, 715 Locust Ave., Long Beach, upon deposit of $25. Clarence J. Aldrich, 1834 Dawson Ave., Long Beach, Architect.

CONTRACT AWARDED
ALHAMBRA, Los Angeles Co., Cal.—Steed Bros., 5 S. Stoneman Avenue, Alhambra, awarded general contract by Alhambra Board of Education, at $109,300 (subject to PWA approval), for the construction of the new reinforced concrete classroom and auditorium building at the Ramona School site. John Walker Smart, 39 E. Main St., Alhambra, Architect, and Murray Erick, Architects' Bldg., Los Angeles, Structural Engineer.

CONTRACT AWARDED
SAN MATEO, Cal.—Regal Floor Co. 490 Brannan Street, San Francisco, at $1392 awarded contract by San Mateo Union High School District for furnishing and laying floor in the gymnasium of the San Mateo High School, Bellevue and Delaware Sts., San Mateo and in the Burlingame High School main gymnasium, Carolan and Oak Grove Aves, Burlingame.
Complete bids follow:

Regal Floor Co.	$1392
Acme Floor Co.	1564
Ace & Square Deal Flooring Co.	1569
Western Hardwood Floor Co.	1649
Royal Floor & Linoleum Co.	1784
Inlaid Floor Co.	1800

All of San Francisco.

Electrical Contract Awarded.
RECON SCHOOL Cont. Price $54,322
OAKLAND, Alameda Co., Cal. Lincoln Avenue and Scenic Street.
Structural alterations to the Sequoia School (12 rooms) brick and tile construction).
Owner—Oakland School District.
Architect—W. G. Corlett, Administration Bldg., Oakland.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.
Electric—California Electric Co., 12th and Oak Sts., Oakland.
It was reported in our issue of Mar. 14, that the electrical contract was awarded to Central Elec. Co., Oakland, which was in error.
Other awards reported March 10.

Bids Rejected—Plans To Be Revised
CLASSROOM UNIT Cost, $75,000
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Brick classroom unit (17 classrooms; second unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Plans will be revised and new bids will be asked shortly.
On bid opening lowest bid was submitted by Wm. C. Keating, Sacramento at $116,400. Complete bids published March 20th.

Plans Being Prepared.
SCHOOL BLDG. Cost, $18,000
BERKELEY, Alameda Co., Calif.
Reconstruct auditorium at the Willard School.
Owner—Berkeley School District.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education, Berkeley.
It was previously reported that Eldridge T. Spencer was Consulting architect, which was in error.

Plans Being Prepared
AUDITORIUM Cost, $7,000
BERKELEY, Alameda Co., Cal. Sacramento and Rose Streets.
Reconstruct auditorium at Jefferson School.
Owner—Berkeley School District.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—William C. Am-Ambrose, Berkeley Board of Education, Berkeley.
It was previously reported that Eldridge T. Spencer was consulting architect, which was in error.

Plans Being Prepared
RECONSTRUCTION Cost, $12,000
BERKELEY, Alameda Co., Calif.
Reconstruction of Hillside Auditorium
Owner—Berkeley Board of Education.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education, Berkeley.
It was previously reported that Eldridge T. Spencer was consulting architect which was in error.

Plans Being Prepared
SCHOOL Cost, $——
BAKERSFIELD, Kern Co., Cal. Lincoln School Site.
One-story frame and stucco school.
Owner—Bakersfield School District.
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.
Application filed with the WPA.

Preparing Working Drawings.
COLLEGE BLDG. Cost, $40,000
SANTA ROSA, Sonoma Co., Calif. Santa Rosa Junior College Campus
One-story Class B frame and brick veneer domestic science and commercial building (4th unit) flat tile roof
Owner — Santa Rosa Junior College District (Floyd Bailey, President) Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Plans will be completed in about 7 weeks.

PLANS AWAITING APPROVAL
LOS ANGELES, Calif.—Architects Allison & Allison, 1014 Edison Bldg., Los Angeles, and Mechanical Engineers Leland & Hunter, 41 Sutter St., San Francisco, have completed working drawings and specifications for a two-story administration building to be erected on the campus of the University of California at Los Angeles, Westwood. The building will be of reinforced concrete construction, 175x75 feet in area; tile covered reinforced concrete slab roof, steel sash, structural steel, reinforced concrete slab floors and stairways, air conditioning, etc. The estimated cost is $200,000. The plans are now awaiting final approval of the state architect and bids will probably be called for within the next two weeks.

Bids Opened
CLASSROOM UNIT Cost, $75,000
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Brick classroom unit (17 classrooms; second unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Low bidder—Wm. C. Keating, 1121 24th St., Sacramento.
Complete bids follow:
Wm. C. Keating, Sacramento..$116,400
H. W. Robertson, Sacramento..$118,496
Campbell Construction Co., Sacramento $118,744
A. Nelson, San Francisco.....$122,995
Bids held under advisement.

CONTRACTS AWARDED
LAGUNA BEACH, Orange Co., Calif—Means, Ball & Honer, 103 E. Third St., Santa Ana, submitted low bid to Laguna Beach High School District and awarded contract (subject to the approval of the PWA) at $61,839, for a two-story gymnasium building to be erected at Laguna Beach high school, corner of Park Ave. and Manzanita St., Laguna Beach. W. J. Esser, 3711 Cerritos Ave., Long Beach awarded the contract at $25,200 for one-story, five-classroom annex to existing building at the same site. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects.

LOW BIDDER
FULLERTON, Orange Co., Calif.—Person & Hollingsworth, 503 S Lorena St., Los Angeles, submitted low bid to Fullerton Elementary School District at $231,990, for new building replacements at the Wilshire school in Fullerton. Clyde C. Deuel, 405 Douglas Bldg., Los Angeles, structural engineer; Myron Hunt and H. C. Chambers, 1216 Continental Bldg., Los Angeles, consulting architects.

Preliminary Sketches Prepared.
GYMNASIUM Cost, $——
CORCORAN, Kings Co., Calif.
Addition to high school gymnasium.
Owner—Corcoran Union High School District.
Architect—Fred L. Swartz, Brix Bldg., Fresno.

Preparing Preliminary Plans.
SCHOOL Cost, $——
SAN FRANCISCO. Franklin St. and Broadway.
Three-story reinforced concrete parochial school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—H. A. Minton, 525 Market.
Engineer—L. H. Nishkian, 525 Market.

Bids Opened.
GYMNASIUM Cost, $——
MODESTO, Stanislaus Co., Calif.
Construct portion of girls' gymnasium at Modesto High School.
Owner—Modesto High School District
Architect—John J. Donovan, 950 Parker St., Berkeley.
H. Tennyson, 125 Poplar Avenue, Modesto, submitted only bid at $17,700. Complete bid follows:
(1) ded. for omitting concrete slabs, $1292.
(2) ded. for omitting brick work, $75.
(3) ded. for omitting interior sash, etc., $755.
(4) ded. for omitting tile and composition roofing, $692.
(5) ded. for omitting sheet metal, $160
(6) ded. for omitting glass and glazing, $80.
(7) ded. for omitting plumbing, $480.
(8) ded for omitting heating, $170.
Bid held under advisement for a few days.

LOW BIDDER
LOS ANGELES.—W. G. Thompson, 336 Church St., San Francisco, submitted low bid to Los Angeles board of education at $3150, for painting and miscellaneous work on the main brick building at Wadsworth Street school, 1025 E 38th St.

LOW BIDDER
LOS ANGELES.—W. G. Thompson, 336 Church St., San Francisco, submitted low bid to Los Angeles board of education at $3610, for painting and miscellaneous work on the administration bldg., primary unit and classroom building at State Street school, 3211 Santa Ana St., South Gate.

LOW BIDDER
LOS ANGELES.—W. G. Thompson, 336 Church St., San Francisco, submitted low bid to Los Angeles board of education at $998.10, for painting and miscellaneous work on the northeast, northwest and southeast buildings and auditorium at Middleton St. school, corner Zoe and Middleton Sts., Huntington Park.

LOW BIDDERS
LOS ANGELES.—W. G. Thompson, 336 Church St., San Francisco, and D. Zelinsky & Sons, 1438 E 18th St., Los Angeles, submitted identical low bids of $1198 to Los Angeles board of education for painting and miscellaneous work on the main building at San Gabriel Avenue school, 8628 San Gabriel Ave., South Gate.

LOW BIDDER
SAN PEDRO, Los Angeles Co., Cal.—Pacific Realty & Buliding Co., 133 E Broadway, Long Beach, submitted low bid to Los Angeles board of education at $104,928, for reconstruction, rehabilitation and strengthening Units No. 1 and No. 2 at Barton Hill school, 423 N Pacific Ave., San Pedro. C. B. Lewis, 333 W 6th St., San Pedro, architect, and Murray Erick, 811 W 7th St., Los Angeles, structural engineer.

LOW BIDDER
SAUGUS, Lo Angeles Co., Calif.—Escherich Bros., 234 W 37th Place, Los Angeles, submitted low bid to the Saugus School District on a basis of a main bid of $38,093, with certain deductions, for a new building to be erected at Saugus school at Saugus, a PWA project. J. A. Larralde, 2231 Del Mar Ave., Wilmar, architect.

Sketches Approved
SCHOOL Cost, $60,000
PETALUMA, Sonoma Co., Cal. Howard and Walnut Streets.
Two-story and basement reinforced concrete parochial school (8 classrooms; 37x156-ft.) for St. Vincent's Parochial School.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Arnold Constable 580 Market St., San Francisco.
Structural Engineer — K. Theill 580 Market St., San Francisco.

New Bids Wanted—To Close April 4th, 9 A. M.
REHAB. SCHOOL Cost, $——
LIVERMORE, Alameda Co., Calif.
Rehabilitation of the Livermore High School.
Owner—Livermore High School Dist.
Structural Engineer—Harold B. Hammill, 381 Bush St., San Francisco.
Bids are being taken as follows:
(1) Reinforcing steel;
(2) Lumber.
Lumber contract has been awarded to Diamond Match Co. at $2,301.50.

Preliminary Plans Prepared
GYM. & AUDITORIUM Cost, $200,000
EVERETT Washington.
Two-story frame and stucco gymnasium and auditorium (260x118-ft.)
Owner—Everett School District.
Architect — Earl Morrison, Textile Tower, Seattle.
Application will be filed with PWA for a grant of 45%.

CONTRACT AWARDED

SAN DIEGO, Cal.—Hunt & Currey, Bancroft Bldg., San Diego, awarded contract by Grossmont Union High School District at $46,427 (subject to PWA approval) for construction of a manual arts building at Grossmont high school, San Diego County. F. L. Hope, Jr., Commonwealth Bldg., San Diego, architect.

CONTRACT AWARDED

BARSTOW, San Bernardino Co., Cal.—H. G. Klusman, 154 N. Archibald Ave., Cucamonga, awarded contract by Barstow Elementary School District, at $105,158 (subject to the approval of the PWA), for construction of reinforced concrete auditorium and classroom building at Barstow. E. Charles Parke, 25 Fuller Bldg., San Bernardino, architect.

MATERIAL BIDS WANTED

NEAR BAKERSFIELD, Kern Co., Cal.—Until April 9, 8 P. M., bids will be received by W. P. Lewis, Clerk, Rosedale Union School District, for following materials for the construction of the Rosedale Grammar School, eight miles west of Bakersfield. Total estimated cost, $85,000. Work is being financed by WPA.

900 sacks Portland cement;
150 tons crushed rock or gravel;
150 tons concrete sand;
75 tons plaster sand;
5 tons reinf. steel and fabric;
40,000 BF lumber;
2,000 pounds nails;
1,500 machine bolts and washers;
1 lot structural steel;
50 squares of galv. corru. iron;
100 rolls asphaltic felt;
50 rolls rosin sized paper;
2,500 pounds asphalt;
1 lot iron pipe and fittings and valves;
1 lot C. I. sewer pipe and fittings
1 lot elec. materials and equip.;
150 pounds lead;
25 pounds solder;
100 pounds oakum;
1 lot misc. hardware;
1 lot paint materials;
2,000 sq. yds. plaster board lath;
300 sq. yds. metal lath;
1,500 sq. yds. stucco netting;
1 lot metal trim, corner bead and screed;
500 sacks hardwall plaster;
50 sacks hydrated lime;
100 sacks stucco;
1 lot tools and equipment.

Further information, specifications, and detailed lists may be seen and secured at the office of the school and also at the office of Perrine & Mackie, architect and engineer.

CONTRACTS AWARDED

LOS ANGELES.—W. G. Thompson, 336 Church St., San Francisco, was awarded contracts by the Los Angeles board of education for painting work at various schools of the district as follows: Middleton St. school, painting of northeast, northwest, southeast and auditorium buildings and miscellaneous work at $998; State Street School, painting of the administration, primary and annex buildings and miscellaneous work at $3610; Wadsworth Street school, painting of the administration building and miscellaneous work at $3150.

CONTRACT AWARDED

ALHAMBRA, Los Angeles Co., Cal.—Atlas Const. Co., 39 Congress St., Pasadena, awarded general contract by Alhambra board of education (subject to PWA approval) at $41,100 for construction of an auditorium and a classroom building at the Garfield school site in Alhambra. John Walker Smart, 39 E. Main St., Alhambra, architect, and Murray Erick, Architects' Bldg., Los Angeles, structural engineer. The construction will be of frame and stucco, composition roofing, etc.

Bids Opened

ADDITION Cost, $——

SAN FRANCISCO. Aptos Avenue and Upland Drive.

Three-story reinf. concrete additions to the Aptos Junior High School (ten classrooms, lavatories, etc.) composition roof over concrete slab, wood sash, etc.

Owner—City and County of San Francisco.

Architect—Dodge Reidy, 821 Market Street.

Low bids follow:

General Work—DeLuca & Son, 1745 Filbert Street, $57,742.

Mechanical and Plumbing—Skelly and Kohler, 1344 9th Ave., $6,650.

Electric—Victor Lemoge, 281 Natoma Street, $1,712.

Complete bids follow:

General Work

(1) Add for change on ground floor.

DeLuca & Son		$57,742
	(1)	1,106
O. Monson		59,562
	(1)	2,100
F. C. Amoroso & Sons		61,215
	(1)	2,409
Meyer Construction Co.		61,502
	(1)	1,465
L. C. Dunn		65,950
	(1)	1,400
MacDonald & Kahn		67,776
	(1)	1,558

Mechanical and Plumbing

Skelly & Kohler		$6,650
	add (1)	100
Anderson & Rowe		6,998
	add (1)	172
F. W. Snook		7,155
	ded. (1)	270
Scott Company		7,837
	ded. (1)	126
M. J. Reeves Co.		7,847
	ded. (1)	248

Electric

Victor Lemoge		$1,712
	add (1)	127
H. S. Tittle		1,740
	add (1)	58
Abbett Electric Co.		1,916
	add (1)	90
Lynn & Heffernan		1,938
	add (1)	67
United Electric Const. Co.		1,947
	add (1)	42.50
B. J. Doherty		2,072
	add (1)	116
Central Electric Co.		2,198
	add (1)	60
Globe Electric Works		2,297
	(1)	.....
N. C. Nicklassen		2,300
	add (1)	67
G. H. Armstrong		2,390
	add (1)	110

Bids held under advisement.

BIDS WANTED

SAN FRANCISCO. — Until April 1, 1:45 P. M., informal bids will be received by Department of Public Wks, Room 251 City Hall, for installation of acoustical treatment in the office of the Assistant Director of Public Health, Health Center Bldg., to match present installation in adjoining office.

Further particulars may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th St.

SITE PURCHASED

LOS ANGELES, Cal.—Los Angeles board of education authorized purchase of 22 acres of land, located at Exposition Blvd. and Farmdale, to be used as a site for the construction of the new West Adams high school. Architects H. L. Gogerty and C. E. Noerenberg, 6272 Yucca St., were previously appointed by the board to prepare plans for the project which is estimated to cost approximately $500,000.

Electrical Contract Awarded.

MACHINE SHOP Cont. Price, $8396

SAN FRANCISCO. Geary Blvd., Balboa St., 30th and 32nd Aves.

Electrical work for three-story reinforced concrete machine shop building at George Washington School (steel sash).

Owner—City and County of San Francisco.

Architect—Miller & Pflueger, 580 Market St., San Francisco.

Contractor—Lynn & Heffernan, 114 Ashton Ave., San Francisco.

Complete bids published March 19.

CONTRACT AWARDED

LOS ANGELES, Cal.—Carlo Bongiovanni Const. Co., 2561 Canyon Dr., awarded contract by the Los Angeles board of education at $117,099 (using alternate deductions of $400 for omission of Contex), for a two-story main building to be erected at Soto Street school, 1020 S. Soto St. Wm. L. Woollett, 5330 Lamo Linda St., architect.

LOW BIDDER

VENTURA, Ventura Co., Calif.—H. Mayson, 9315 Hooper Ave., Los Angeles, submitted lowest general contract bid to the Ventura Union High School District at $73,555 (using salvaged materials) for a classroom bldg. to be erected at Ventura junior high school, Ventura, a PWA project.

CONTRACT AWARDED

TEMPE, Ariz.—Del E. Webb Const. Co., 1600 E. Jefferson St., Phoenix, awarded contract at approximately $71,402, for the construction of a combined stadium and industrial arts building on the college campus at Tempe for Arizona State Teachers' College, a PWA project. The building will be of reinforced concrete construction with classrooms beneath the stadium seats to be used for industrial arts classes. L. M. Fitzhugh, 329 Ellis Bldg., Phoenix, architect. The PWA has approved the contract and construction work will be started immediately.

16—BANKS, STORES AND OFFICES

To Be Done By Day's Work.

ALTERATIONS Cost, $2500

BERKELEY, Alameda Co., Cal. No. 2276 Shattuck Avenue.

Alterations to building.

Owner — East Bay Syndicate, Inc., American Bldg., Oakland.

Architect—Not Given.

Sub-Bids Wanted.

ALTERATIONS

PALO ALTO, Santa Clara Co., Calif.

Alterations to one-story frame tavern (shingle exterior, hardwood flooring, dance floor, mill work, bar fixtures, plastering, plumbing etc.)

Owner—Withheld.

Architect—Not Given.

Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.

Sub-bids are wanted on all portions of the work.

Bids Opened

OFFICE BLDG. Cost, $600,000

SACRAMENTO, Sacramento Co., Cal. South N Street bet. 11th and 12th.

Four - story reinforced concrete office bldg. (steam heating system, air conditioning system, etc.) Public Works Building.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Low bids follow:

General Work — Azevedo Const. Co., 920 O St., Sacramento, $379,995.

Electric—Coast Electric Co., 2350 Ce-

dar Ave., Long Beach, $40,167.
Heating and Air Conditioning—Luppen & Hawley, Inc., 3126 J St., Sacramento, $87,237.
Plumbing—Hately & Hately, 1710 10th St., Sacramento, $23,777.
Elevators—Westinghouse Elec. Elevator Co., 1 Montgomery Street, San Francisco, $37,905.
Complete bids follow:

General Work

Azevedo Const. Co., Sacto.....$379,995
K. E. Parker Co., S. F..... 386,970
Dinwiddie Const. Co., S. F..... 393,000
H. Mayson, Los Angeles..... 395,000
Robt. E. McKee, Los Angeles.. 415,000
Barrett & Hilp, San Francisco 418,938
Clinton Const. Co., S. F..... 426,000

Electric

Coast Electric Co., Long Beach..$40,167
Geo. C. Foss, Sacramento..... 40,301
Reliable Elevator Works, Sacto. 40,400
Abbett Electric Co., S. F..... 41,863
Chas. A. Langlais, S. F..... 43,856
Luppen & Hawley, Sacto..... 44,750

Heating and Air Conditioning

Luppen & Hawley, Sacto.....$87,237
Hately & Hately, Sacramento.... 89,323
M. R. Carpenter, Sacto..... 91,907
James A. Nelson, S. F..... 99,740
J. Herman Co., Los Angeles.....103,000

Plumbing

Hately & Hately, Sacto.....$23,777
M. R. Carpenter, Sacramento.... 24,584
J. J. McDermott, Sacramento.... 25,250
Luppen & Hawley, Sacramento.. 25,633
James A. Nelson, San Francisco 25,792

Elevators

Westinghouse Electric Elevator Co., San Francisco $37,905
Otis Elevator Co., S. F..... 40,973
Pacific Elevator & Equipment Co., San Francisco..... 42,672
Bids held under advisement.

Planned.
ALTERATIONS Cost, $35,000
Alterations to building (40x160 feet).
Owner—R. W. Stoval, 610 K St., Sacramento.
Architect—Not Given.
Further details will be announced shortly.

Bids Opened
STORE Cost, $——
SAN JOSE, Santa Clara Co., Calif. Second Street.
One-story frame and stucco store bldg.
Owner—Max Blum.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Low Bidder—Henry Bolwin, 1041 Garland Ave., San Jose.
Complete bids follow:
Henry Bolwin $5,903
Ward & Sons 6,105
E. Nommensen 6,163
Henry Bridges 6,174
All of San Jose.
Bids held under advisement.

CONTRACT AWARDED
SAN BERNARDINO, Cal.—Bakker & Robinson, 732 D St., San Bernardino, awarded contract for one-story market building to be built on west side of E St. adjacent to the Harris department store (80x127-ft.) for W. W. Oswald. Howard E. Jones, 518 Andreson Bldg., San Bernardino, architect. Cost, $60,000.

Sub-Contracts Awarded
POST OFFICE Cost, $18,000
SAN FRANCISCO. W Steiner Street 50 S Chestnut Street.
One-story reinforced concrete Class C branch post office for the Marina District.
Owner—Barron & Nathan.
Architect—W. D. Peugh, 333 Montgomery Street.
Lessee—United States Government.
Contractor—Cahill Bros., 206 Sansome Street.
Structural Steel—Bethlehem Steel Co., 20th and Illinois Streets.
Miscellaneous and Ornamental Iron—F. Kern Sons, 517 6th St.
Reinforcing Steel — W. S. Wetenhall, 17th and Wisconsin Streets.
Lumber—J. H. McCallum, Bryant and Oak Grove Street.
Plumbing—H. Bertram, 726 Bryant St.
Electric—Collonan Electric and Mfg. Co., 3201 Mission Street.

CONTRACT AWARDED
OAKLAND, Cal. — Westinghouse Electric Co. at $2323.75 awarded contract by the Oakland City Council for furnishing 13,373 lin. ft. No. 16 AWG saturated paper-insulated lead covered cable and 1500 lin. ft. No. 10 AWG do.

Air Conditioning Contract Awarded.
AIR CONDITIONING $25,000
FRESNO, Fresno Co., Cal. Fulton and Fresno Streets.
Air conditioning system in the four-story Cory Building.
Owner—B. H. Cory, Fresno.
Architect—Not Given.
Contractor—York Ice Machinery Corp. 231 Ninth St., San Francisco.

Plans Being Completed.
ALTERATIONS Cost, $25,000
OAKLAND, Alameda Co., Cal. Broadway near Thirteenth Street.
Alterations for restaurant, cocktail lounge and bar.
Owner—Tiny's Waffle Shop.
Architect—A. R. Williams, Humboldt Bank Bldg., San Francisco.
Bids will be asked in one week.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN JOSE, Santa Clara Co., Calif. No. 235 W. Santa Clara Street.
Alterations to office building.
Owner — Medico-Dental Association, Premises.
Plans by W. D. Lotz, 1040 Benton St., San Jose.
Contractor — Carl N. Swenson, 355 Stockton Ave., San Jose.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO, Calif. S. W. Market and Van Ness Ave. So.
Alterations to ballroom.
Owner—El Patio Ballroom, premises.
Architect—Not given.
Contractor — Mullen Mfg. Co., 60 Rausch St. San Francisco.

Contract Awarded
STORE & RESIDENCE Cost, $7,000
SAN FRANCISCO. N 18th Street W Texas.
Two-story frame and stucco store and residence.
Owner—Joseph and Mildred Cardinabe 274 Connecticut Street.
Architect—Not Given.
Contractor—John Munson, 2419 15th Street.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 1045 Market St.
Alterations to store building.
Owner—William Ede Co., Kohl Bldg.
Architect—Not Given.
Contractor—M. Gibbs, 2116 Fillmore Street.

Contract Awarded
ALTERATIONS Cost, $2,000
OAKLAND, Alameda Co., Calif. 1723 Telegraph Avenue.
Alterations to store.
Owner—Mission Sweater Shop, 1733 Telegraph Ave., Oakland.
Architect—Not Given.
Contractor—C. H. Thrams, 28 Home Place, Oakland.

To Be Done By Day's Work
OFFICES Cost, $2,500
SAN FRANCISCO. S Sloat Blvd. East 19th Avenue.
One-story frame office building.
Owner and Builder — Stoneson Bros., 1630 Ocean Avenue.
Architect—Not Given.

Planned.
SAN RAFAEL, Marin Co., Calif.
Remodel Ship "ENCINAL" for ship cafe.
Owner—Spenger's Fisheries, Inc., San Rafael (Paul Spenger).
Architect—Not Selected.
Proposed work is in a very preliminary stage.

To Be Done By Day's Work.
ALTERATIONS Cost, $1750
BERKELEY, Alameda Co., Calif. Bancroft and Shattuck Ave.
Alterations to store building (Ferro Enamel front).
Owner—East Bay Syndicate, Inc.
Architect—Guy L. Brown, American
Lessee—Joan Kristine Beauty Shop, Berkeley.
Bldg., Oakland.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO. SW Third St. and Folsom.
Alterations to market.
Owner—Hirsch Bros., 176 Sutter St.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission Street.

Plans To Be Prepared.
BUILDING Cost, $——
SANTA CRUZ, Santa Cruz Co., Cal. Site To Be Selected.
New medical building.
Owner—Drs. Alfred Phillips and Dr. S. B. Randall, Santa Cruz.
Architect—Not Selected.
Further details will be announced shortly.

PLANS COMPLETED
AJO, Arizona—Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, have completed working drawings and specifications and will take bids soon for an addition to an office building at Ajo for Phelps-Dodge Corp. It will be a one-story structure, 40x100 feet in area, with brick exterior walls, plaster facing, tile roofing, tile partitions, metal lath, concrete floors surfaced with asphalt tile, hot air heat, etc. Estimated cost, $22,000.

Contract Awarded.
TAVERN Cost, $4000
SAN FRANCISCO. S Hunters Point E Galvez St.
One-story frame tavern.
Owner—W. Powers, 1731 San Jose Ave., San Francisco.
Plans by Owner.
Contractor—James Arnott & Son, 533 Taraval St., San Francisco.

BIDS OPENED
SAN FRANCISCO. — Patterson and Koster, 280 13th St., at $415 submitted low bid to the Public Utilities Commission, City Hall, for furnishing and installing stair treads on five flights of interior front stairs from the third to eighth floors, inclusive, and on two flights of interior rear stairs from the first to second floors, inclusive, of the San Francisco Water Department Bldg., 425 Mason St.
Complete bids follow:
Patterson & Koster $415.00
D. A. Pancoast..... 425.00
O. P. Shelley..... 518.00
Fair Mfg. Co..... 700.00

17— THEATRES

Bid Opening Date Postponed Until April 2, 12 Noon.
ALTERATIONS Cost, $10,000
SALINAS, Monterey Co., Calif. No. 137 Main Street.

Alterations to Crystal Theatre.
Owner—Crystal Theatre, Salinas.
Architect — Jorgensen & Deichmann, Associated Architects, 110 Sutter St., San Francsico.
Following will submit bids:
Peter Sartorio, 666 Mission St., San Francisco.
Henry Geisler, Roseville.
L. A. Geisler, Monterey.
Moore & Roberts, 693 Mission St., San Francisco.
Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.

Sub-Contracts Awarded
THEATRE Cost, $80,000
ALAMEDA, Alameda Co., Cal. Central and Park Avenue.
One-story reinforced concrete Class C theatre (to seat 1000).
Owner—A. E. Levin, George Oppen, et al, 745 Clement St., San Francisco.
Architect—S. Charles Lee, 2404 W 7th St., Los Angeles.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Electric—Alta Electric & Mechanical Co., 467 O'Farrell St., San Francisco.

Bids Wanted — To Close April 6, 10 A. M.
STAGE RIGGING & DRAPES $——
PALO ALTO, Santa Clara Co., Calif. Stage rigging and drapes for the Stanford Theatre.
Owner—Stanford University.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Following will submit bids:
American Studios, 557 Market St., San Francisco.
B. F. Shearer, 243 Goolden Gate Ave., San Francisco.
General Seating Co., 160 Second St., San Francisco.
National Theatre Supply Co., 121 Golden Gate Ave., San Francisco.

Contract Awarded
THEATRE Cost, $60,000
SAN FRANCISCO, Twenty-fourth and Noe Streets.
One-story and balcony steel frame and reinforced concrete theatre building (to seat 1000).
Owner—Golden State Theatre & Realty Co., 25 Taylor Street.
Architect—Mark Jorgensen, 321 Bush.
Structural Engineer—L. H. Nishkian, 525 Market Street.
Contractor—A. J. Hopper, 1769 Pleasant Valley Road, Piedmont.

BIDS WANTED
VANCOUVER, Wash.—Until April 2, 2 P. M., bids will be received by the Vancouver Port District, T. P. MacComber, Port Manager, for the construction of a freight terminal and dock, including a dock, transit shed, and warm storage warehouse.
The project will consist of a pier 810 ft. long and 191 ft. wide on which a warehouse 120 ft. wide will be constructed.
Total cost is estimated at $316,000. A grant of $136,000 has been allotted by the PWA.
Plans and specifications obtainable from the above office upon deposit of $25.

18— WHARVES & DOCKS

AWARD RECOMMENDED
LOS ANGELES, Calif.—Los Angeles harbor department March 18 recommended to PWA that contract for steel frame transit shed and concrete wharf at Berth 155, under Specification No. 950; PWA Docket No. 1209; unit 2, be awarded to the Wm. P. Neil Co., 4671 E. 49th St., at $347,000 (work complete). The work involves constructing a steel frame transit shed and a concrete wharf, 441 feet in length by 120 feet in width, including steel rolling doors and sash, electrical and sprinkler systems, pavement, trackage, etc. 18

AWARD RECOMMENDED
LOS ANGELES, Cal.—Los Angeles Harbor Department has recommended to the PWA that contract for constructing a timber apron wharf at Berth 155, under Specification No. 949, be awarded to the Wm. P. Neil Co., 4671 E. 49th St., at $41,000. The work involves the construction of a creosoted timber wharf approximately 462 feet in length by 22½ feet in width.

AWARD RECOMMENDED
LOS ANGELES, Cal.—Los Angeles Harbor Department has recommended to the PWA that contract for concrete wharf and steel frame transit shed at Berth 155, under Specification No. 950; PWA Docket No. 1209, Unit 2, be awarded to W. P. Neil Co., 4671 E. 49th St., at $347,000.

CONTRACT AUTHORIZED
LOS ANGELES, Cal.—PWA State Director has authorized the execution of a contract between the Los Angeles Harbor Department and Merritt-Chapman & Scott Corp., 720 Wilmington-San Perdo Road, San Pedro, for constructing a cargo (fruit) terminal at Berth 147, Los Angeles Harbor, under Specification No. 954. The work involves construction of creosoted timber wharf approximately 630 ft. in length by 33 ft. in width, and covered conveyor platforms served by rail trackage. Contract price, $153,584.

Contract Awarded.
DOCK & SHED Cont. Price, $50,896
STOCKTON, San Joaquin Co., Calif. Stockton Waterfront.
Local freight and barge trans - shipment dock and transit shed (extension to water system, drainage railroad and road systems) heavy mill construction, corrugated iron covering, composition roofing, concrete floors, etc.
Owner—Stockton Port Commission.
Plans by Engineering Dept. of Owner
Contractor—O. H. Chain, 41 So. Sutter St., Stockton.

19—MISC. CONSTRUCTION

BIDS OPENED
SAN DIEGO, Cal.—M. H. Golden, Bank of America Bldg., San Diego, at $560 submitted only bid to 11th Naval District, for driving piles for future hangar at the 11th Naval District (Wilson Cover) San Clemente Island, Calif. Spec. No. 8184.
Recommendation made that contract be awarded to M. H. Golden.

CONTRACT AWARDED
SAN FRANCISCO.—M. G. West Co., 117 Front St., at $1,150.50 awarded the contract by City Purchasing Department for furnishing filing cabinets for the Municipal Courts, under Bid No. 1524. *

BIDS WANTED
STOCKTON, San Joaquin Co., Cal. —Until April 1, 5 P. M., (to be opened at 8 P. M.) bids will be received by Stockton City Clerk, City Hall, Stockton, for public address system in the Stockton City Hall.
Specifications may be obtained from the City Engineer, City Hall, Stockton, upon deposit of $5. *

PLANS BEING PREPARED
LOS ANGELES, Cal.—20th Century-Fox Film Corp., 10,260 Orton Ave., West Los Angeles, is having plans prepared by its engineering department for two sound stages to be built at 10,260 Orton Ave., West Los Angeles. They will be steel frame structures with metal lath and plaster exteriors. One will cover an area of 135x212 feet and the other an area of 135x240 feet. Building program at the studio calls for the erection of eight new stages, six to be built at a later date. As previously reported, plans are now out for bids for a property storage building and plans for an office building will go out the latter part of this month.

Plans Being Prepared.
MORTUARY Cost, $20,000
PLACERVILLE ,Eldorado Co., Calif. B and Caloma Streets.
One-story frame, brick and concrete mortuary (chapel, organ, etc.) air conditioning system, etc.
Owner—George Van Vleck, Placerville
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Bids will be asked in about two weeks.

BIDS WANTED
SACRAMENTO, Calif.—Until March 31, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-36-149, for furnishing 40 steel cylindrical pontoons, with swivel connection, completely assembled and finished. Each pontoon shall consist of two steel cylinders, with manhole and eyepads, Douglas fir spreaders and platforms, structural steel pontoon saddles, and cast steel and upper and lower bearing plates, with bolt and strongbacks for securing 21-in. O. D. discharge pipe to the upper bearing plate.
Plans and specifications obtainable from above office. *

To Be Done By Day's Work
BATHS Cost, $7,500
BOYES SPRINGS, Sonoma Co., Calif.
New tile baths and massage department (rest rooms, etc.)
Owner—Boyes Hot Springs.
Architect—W. C. Ambrose, 244 Kearny St., San Francisco.
Mgr. of Const.—Mr. Lietenberg, Boyes Springs.

Plans Being Completed.
FUNERAL HOME Cost, $——
EXETER, Tulare Co., Cal. NE Pine and B Streets.
New funeral home (English type of architecture).
Owner—J. M. Hadley, Visalia.
Plans by Judson Steele, 822 W. Mineral King St., Visalia.

To Be Done By Day's Work
CONVENIENCE STA. Cost, $2,500
SAN FRANCISCO, Douglass and 27th Streets.
Class B convenience station.
Owner—S. F. Recreation Commission.
Architect—William G. Merchant, Russ Building.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 2500 16th St.
Alterations to dog kennels.
Owner—San Francisco Society for the Prevention of Cruelty to Animals.
Engineer—C. Heller, 111 Sutter St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. *

BIDS WANTED
LOS ANGELES, Cal.—Until April 13, 2 P. M., bids will be received by Los Angeles County Supervisors for furnishing all materials, labor, and transportation for the installation of a Grade "A" Bank Vault Local Burglar Alarm System for the protection

of the Los Angeles County Treasury Vault on the Third Floor of the Hall of Records, in accordance with specifications on file at the office of the Mechanical Engineer, R. E. Shonerd, 10th floor, Hall of Records. Certified or cashier's check for 10% must accompany each bid. Mame B. Beatty, Clerk of the Board, 501 Hall of Records.

Marble Contract Awarded

MAUSOLEUM Cost, $81,666
OAKLAND, Alameda Co., Calif. End of Piedmont Avenue.
Interior finishing of mausoleum (marble, bronze and glass work, etc.)
Owner—Mountain View Cemetery Association, Oakland.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor—Dinwiddie Const. Co., Crocker Bldg., San Francisco.
Marble—Jos. Musto Sons Keenan Co., 555 North Point St., San Francisco

Contract Awarded.

GRANDSTAND Cont. Price, $96,070
PULLMAN, Washington. State College Campus.
Grandstand (105x390 ft.) struc. steel roof, frame exterior, built-up roofing, fir flooring, etc.; seating capacity of 2800).
Owner—State of Washington.
Architect—Stanley A. Smith, Pullman
Contractor—Howard Wright, 2210 2nd St., Washington.

BIDS OPENED

SAN FRANCISCO.—Harry A. Cohen at $912 submitted low bid to the Public Utilities Commission, Rm. 287, City Hall, for raising and painting Lake Honda Cottage, Seventh Ave., near Laguna Honda Home. Work includes raising the building; removing entire present substructure and all underpinning below main floor joists; removing brick chimney; constructing new structure and installing building on some; constructing foot bridge and exterior painting of the premises.

Complete bids follow:

Harry A. Cohen	$ 912
B. J. and T. Sullivan	1,065
Pearson & Johnson	1,078
Hanson Brothers	1,295
F. I. Greeley	1,463

Bids held under advisement. *

PREPARING PLANS

LOS ANGELES, Cal.—Los Angeles Investment Co., 1033 S. Broadway, is projecting plans for an automobile racing course to be erected on its property located east of Municipal Airport. The city planning commission has recommended variance of the zoning ordinance to permit the construction of a plant with a one-mile oval course suitable for staging A.A.A. sanctioned contests.

Contract Awarded.

ALTERATIONS Cost, $60,000
LOS ANGELES, Los Angeles Co., Cal. NE Sixth and Los Angeles Streets.
Alterations and additions to bus depot (work involves complete rebuilding of exterior and interior of present building, including wrecking, concrete work, structural steel, cement gun work, tile work, sheet metal, roofing, painting plumbing, heating, ventilating equipment and electrical work.
Owner—Pacific Greyhound Lines.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor — Atlas Constr. Co., 39 Congress St., Pasadena.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

OAKLAND, Cal.—American Brass & Copper Co., 383 7th St., Oakland, at $2127 awarded contract by the East Bay Municipal Utility District., under Proposal No. 721, for furnishing 9000 lin. ft. of copper water service pipe.

BIDS OPENED

MESA, Ariz.—Bids for furnishing 5-000 barrels of Portland cement for use at Mesa, under Bid No. 42,558-A, were opened by the U. S. Bureau of Reclamation, Denver. The bids were:

Southwestern Portland Cement Co.: Shipping from El Paso, $3.32 cloth sacks, $3.12 bbl. paper sacks; discounts 20c bbl. for cash; 10c return on sacks with freight collect.

Pacific Portland Cement Co.: Shipping from Redwood Harbor — same prices and terms.

Santa Cruz Portland Cement Co.: Shipping from Davenport—same prices and terms.

Monolith Port. Cement Co. — Shipping from Monolith—same prices and terms.

Riverside Cement Co. — Shipping from Crestmore —— same prices and terms.

Graham Bros.—Shipping from Long Beach—same prices and terms.

California Portland Cement Co.—2.-123 fob Colton; 20c bbl. cash discount; 10c sack returned, freight collect.

Henry Cowell Lime & Cement Co.—$1.65 fob Cowell, Calif.; 10c cash discount; 10c sack returned, freight collect.

CONTRACT AWARDED

GRAND COULEE DAM, Wash.—Triangle Condult & Cable Co., Brooklyn, New York, awarded the contract by the Bureau of Reclamation, Denver, at $9,229, for furnishing 154,000 l.f. steel tubing, fob Odair, Wash.; Prop. No. 38207-A. The bids were opened February 7.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 150,000 ft. BM 3x6-in. by 16-ft. No. 1 common rough Douglas fir lumber and 150,000 ft. BM 4x6 same, under Spec. No. 1908 were opened by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, March 24. The bids were taken on deliveries as follows:

(1) cars or trucks bidder's shipping point;
(2) cars or trucks Los Angeles harbor
(3) cars Lone Pine;
(5) trucks Mono Basin construction camps.

The bids were:

Glick Bros. Lumber Co.: (1) $4800; (2) $8,400; (3) no bid; (4) $12,900. Terms, 5% 30 days.

Globe Lumber Co.: (1) $4125; (2) Alt. $5250; (3) no bid; (4) alt. $8700; 2% 20 days.

W. E. Cooper Lumber Co.: (1) $4,-950; (2) (3) (4) no bids; 2% 20 days.

Security Lumber Co.: (1) $4500; (2) (3) and (4) no bids; 2%; 20 days.

Daugherty Lumber Co.: (1) $3735; (2) (3) and (4) no bids; 2% 20 days.

Patten-Blinn Lumber Co.: (1) no bid; (2) $7350; (3) (4) no bid; 2% 30 days.

Hammond Lumber Co.: (1) $4575; (Alt. A) $4725; (Alt. B) $4875; (2) $6-750 (Alt. A) $6900; (Alt. B) $7050; (3) $10,200; (Alt. A) $10,350; (Alt. B) $10,-500; (4) $10,275; (Alt. A) $10,425; (Alt. B) $10,590.

Terms net.

"BUILDING REPAIRS"

We furnish steel angles, channels, "I" beams, steel plates, chimney plates and steel bars. New and used material.

OCEAN SHORE IRON WORKS

UNderhill 4310 550 EIGHTH ST. SAN FRANCISCO

Atlas Economy Gas Fuel Circulating System of Warm Air Heating

The ATLAS ECONOMY GAS CONVECTOR, the most important link in this circualting system, is as modern as tomorrow. Its square casing comes in a two-tone green, marking the age when a furnace can be as attractive and pleasing to the eye as it is efficient.

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ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
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21— BRIDGES

CONTEMPLATED

OROVILLE, Butte Co., Cal.—City Council has granted City Engineer S. J. Norris permission to engage an engineer to prepare plans and specifications for the Montgomery St. extension bridge over the Western Pacific tracks. The council is negotiating with the WPA for funds to construct abutments for the structure.

BIDS WANTED

WASHOE COUNTY, Nevada.—Until April 15, 2 P. M., bids will be received by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Heroes' Memorial Bldg. Carson City, for the construction of a concrete and steel underpass under the Southern Pacific Railway on W. Second St., near Reno.

The work involves:

(1) 70 c.y. remove concrete;
(2) 20,883 c.y. roadway excavation;
(3) 1,080 c.y. select borrow;
(4) 450 c.y. structure excavation;
(5) 0.25 mile finish roadway;
(6) 1,680 c.y. Class A concrete;
(7) 182,500 lbs. reinforcing steel;
(8) 424,000 lbs. structural steel;
(9) 110 c.y. hand-laid riprap;
(10) 10 each, monument;
(11) 11,500 sq. ft. asph. waterproofing (3-ply);
(12) Lump sum, pumping equipment;
(13) Lump sum, lighting equipment;
(14) 200 l.f. 6-in. wrought iron pipe;
(15) 478 l.f. 8-in. do;
(16) 2,100 c.y. ballast;
(17) 2,250 lbs. castings;
(18) Lump sum, move buildings.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. *

BIDS WANTED

ALL-AMERICAN CANAL — Until April 16, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, Arizona, under Spec. No. 665, for the construction of a railroad bridge at Station 1029, a highway bridge at Station 1035, and the Araz Wash overchute at Station 1042 of the All-American Canal, Boulder Canyon project.

The work is located about 6 miles northwest of Yuma, and the principal items of work involved are:

(1) 40,000 cu. yds. canal and wash channel excavation;
(2) 16,200 cu. yds. structure excavation;
(3) 1200 cu. yds. compacted embankment;
(4) 14,900 cu. yds. backfill;
(5) 935 cu. yds. dry rock paving;
(6) 3800 cu. yds. riprap;
(7) 8475 cu. yds. concrete;
(8) Placing 1,255,000 lbs. reinforcement bars;
(9) Erecting 1,344,000 lbs. structural steel in bridges;
(10) Driving 110,000 lbs. steel sheet-piling;
(11) Installing 23,700 lbs. metal hand-rails and other metalwork;
(12) Erecting 5 MFBM timber;
(13) Constructing 120 lin. ft. timber railing.

Plans and specifications obtainable from the office of the Bureau of Reclamation, Yuma, Arizona; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $2.50 per copy, not returnable.

SUB-CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Barrett & Hilp, 918 Harrison St., San Francisco, general contractors, have awarded a sub-contract for piling to J. H. Baxter & Co., 333 Montgomery St., San Francisco, for piling in connection with the construction of an undergrade crossing under the tracks of the Southern Pacific Co. at Lafayette St., in Santa Clara. *

BIDS WANTED

WASHOE COUNTY, Nevada.—Until April 18, 2:30 P. M., bids will be received by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Heroes Memorial Bldg. Carson City, for the construction of a concrete and steel underpass and a concrete and steel bridge on Alameda and Wells Ave., Reno, a length of approximately 0.31 mile.

The work involves:

(1) 402 l.f. remove curb and gutter;
(2) Lump sum, remove bridge;
(3) 8,458 sq. ft. remove paving;
(4) 26,446 c.y. rdwy. excav.;
(5) 1,224 c.y. select borrow;
(6) 2,335 c.y. structure excavation;
(7) 5,031 sq. yds. subgrade;
(8) 0.047 mile finish roadway;
(9) 1,320 c.y. crushed gravel or stone surface;
(10) 242 c.y. do (foot paths);
(11) 39 tons asphaltic road material, Type SC-2;
(12) 3 tons do, Type MC-2;
(13) 2 tons emulsified asph. penetration;
(14) 5,031 sq. yds. roadmix;
(15) 11,225 sq. ft. pavement patches;
(16) 3,135 c.y. Class A concrete;
(17) 270 c.y. Class A concrete (curb, gutter and sidewalk);
(18) 271 c.y. Class D concrete;
(19) 1,466 l.f. concrete rail;
(20) 330,500 lbs. reinforcing steel;
(21) 391,000 lbs. structural steel;
(22) 70 l.f. 8-in. CMP;
(23) 104 l.f. 12-in. CMP;
(24) 1,034 l.f. 8-in. perforated underdrain;
(25) 118 l.f. 10-in. do;
(26) 2,300 lbs. castings;
(27) 70 l.f. pipe rail;
(28) 1,000 sq. ft. 3-ply waterproofing;
(29) 800 c.y. ballast;
(30) Llump sum, lighting equipment;
(31) Lump sum, misc. items.

Funds in the amount of $152,855.84 have been programmed for this project.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. *

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

LOS ANGELES, Cal.—Until April 13, 2 P. M., bids will be received by Los Angeles County Board of Supervisors, 501 Hall of Records, for constructing a viaduct on Soledad Canyon Road over the Southern Pacific Railroad tracks on the Valley line. The proposed viaduct will be of concrete, wood and steel construction, 248 ft. in length, with a 24-ft. roadway; steel girders, wood joists, wood and concrete piers and redwood railing. Work will be done by contract. Cash Contract No. 434. Steel will be furnished by the county. Plans may be obtained at the office of the Construction Division of the Road Department, 11th floor, Hall of Records. Certified check or cashier's check 10%, must accompany each bid. Mame B. Beatty, 501 Hall of Records, Clerk of the Board.

BIDS WANTED

SANTA CRUZ, Cal.—Until April 7, bids will be received by the Santa Cruz County Board of Supervisors, Court House, Santa Cruz, for construction of a 12-ft. culvert approximately 98 ft. long in Eureka Canyon, to replace the bridge over Corralitos Creek which was destroyed by floods recently. Estimated cost, $12,000.

Lloyd Bowman, County Surveyor.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS OPENED

LOS ANGELES, Cal.—Standard Dredging Co., Central Bldg., Los Angeles, submitted low bids to the Los Angeles harbor department March 18 for hydraulic suction and bucket dredging in Los Angeles Harbor: Spec. No. 953. Contract will involve the removal of approximately 287,000 c.y. of material from the east channel, Outer Harbor, San Pedro district; 95,000 c.y. from Slips 230 and 232, Terminal Island, and 454,700 c.y. from West Basin, Wilmington district, with disposal sites as specified. The bids follow:

Standard Dredging Co., 34½c per c.y. on all items, both bucket and suction dredging.

Merritt - Chapman & Scott Corp., bucket dredging only, (2) 36.8c; (3) 35.9c; (4) 35.9c; (6) 79c.

LOW BIDDER

PEARL HARBOR, T. H.—Hawaiian Dredging Co., Honolulu, at $264,711 submitted the only bid received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8014, for extension to quay wall of reinforced concrete construc-

tion supported on concrete piles and on concrete cylinders on wood piles, and includes timber, finder system, track work, steel sheet piling, piping systems, electrical work and fittings at the Navy Yard, Pearl Harbor.

AWARD RECOMMENDED

LOS ANGELES, Cal.—Los Angeles Harbor Department has recommended to the PWA that contract for constructing rubble bulkhead wall and riprap bank protection for the new terminal facility at Berth 155, under Specification No. 955; PWA Docket No. 1209, Unit 3, be awarded to the harbor department at $14,700.

23—IRRIGATION PROJ.

CONTRACT AWARDED

GILA VALLEY PROJECT, Arizona—Mittry Bros. Constr. Co., 5531 Downey Road, Los Angeles, at $681,575 awarded contract by the Bureau of Reclamation, Yuma, under Spec. No. 657, for the construction of earthwork and tunnels, Station 30 to Station 931, Gravity Main Canal, Gila Valley Project, Arizona.

The individual schedules involve:

SCHEDULE NO. 2, earthwork and tunnel No. 1, Gravity Main Canal, Station 285 +30 to station 330+00, $210,830.

SCHEDULE NO. 3, earthwork and tunnel No. 2, Gravity Main Canal, Station 330+00 to Station 408+00, $470,745.

24— STREET LIGHTING SYSTEMS

BOND ELECTION

YREKA, Siskiyou Co., Cal.—A proposal to issue $5600 in bonds to finance construction acquisition and completion of electric light standards and electroliers will be placed before the voters at a special election April 14.

25—MACHINERY AND EQUIPMENT

CONTRACTS AWARDED

SALT RIVER PROJECT, Arizona—Contracts for furnishing nineteen motor-driven radial gate hoists; nineteen gate position indicators; new parts for alterations to 19 radial gates; and pipe handrailing and accessories, for installation in the north and south spillways of Roosevelt Dam, Salt River Project, have been awarded by the Bureau of Reclamation, Denver, Colo., underSpec. No. 767-D, as follows:

(1) Radial gate hoists;
(2) Gate position indicators;
(3) Radial gate alterations;
(4) Pipe handrails.

Commercial Iron Works, Portland, (1) $22,300.49.

Philips & Davies, Kenton, Ohio, (2) $419.08.

(3) John W. Beam, Denver, (3) $5,249.62.

BIDS OPENED

LOS ANGELES, Calif.—Bids for furnishing one 300 kv., 550-volt, D. C. motor, generator set for operation on a 5000-volt, 60-cycle, 3-phase source of energy, and capable of delivering direct current energy to the department's 550-volt, 2-wire underground grid distribution system, under Specifications No. 1885, were opened by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, 207 S. Broadway.

The bids were taken as follows:

(1) one motor generator set so designed that at a future date the motor windings may be connected for operation at 2300 volts, 60 cycles, and the generator may be converted at minimum cost into a 250-volt D. C. generator;

(1-Alt. A) one motor generator set as specified above but designed solely for present service without reference to any future change of voltage;

(1-Alt. B) one used motor generator set suitable for operation from a 5000-volt, 60-cycle, 3-phase source of energy and capable of delivering approximately 300 Kw. of D. C. energy at 525 to 575 volts.

No bids were submited on Item (1-Alt. B).

The bids were:

Ideal Electric & Mfg. Co. (Lombard Smith Co.), (1) $6995; (-Alt. A), $6595; add $50 for 9 lead.

General Electric Co., (1) $7904; (1-Alt. A), $7904.

Fairbanks-Morse & Co., (1) $8103; (1-Alt. A) $6787. Alternate bid for synchronous motor drive: (1) $7872; (1-Alt. A) $6827.

Westinghouse Electric & Mfg. Co., (1) $8135; (1-Alt. A) $8135.

Thomas Manufacturing Co., (1) $8200; (1-Alt. A) $7900.

Allis-Chalmers Mfg. Co. (1) $9782; (1-Alt. A) $8675. Alternate bid for Mercury Arc Rectifier set No. 26, $11,500.

All terms net.

BIDS OPENED

PASADENA, Calif.—Bids for furnishing and delivering transformers to be used in connection with the transmission to the city of power from the Boulder Dam power plant were opened by the Pasadena city clerk Mar. 18. The items are:

(1) 2 rated 9000 kva., self-cooled, 1 12,00 kva. auxiliary air blast. 3-phase, 60-cycle, oil-insulated, self-cooled, inert gas type, surge proof transformers of outdoor type; normal voltage 33,500 volts high side and 16,500 volts low side;

(1a) (alternate to item No. 1)—bidder may submit a bid on manual remote control tap changing equipment with load ratio or selective switches within main transformer plant;

(2) (alternate to items Nos. 1 and 1a)—same as item No. 1, except external manually-operated; no load tap changing equipment.

The bids were:

Pennsylvania Transformer Co.—(1) no bid, (1a) no bid, (2) $42,279.

Wagner Electric Co.—(1) no bid, (1a) no bid, (2) $42,792.

Westinghouse Electric & Mfg. Co.—(1) $61,060, (1a) $61,060, (2) $44,544.

Allis-Chalmers Mfg. Co.—(1) $60,300, (1a) $60,300, (2) $43,688.

General Electric Co.—(1) $61,015, (1a) no bid, (2) $44,505.

Moloney Electric Co.—(1) no bid, (1a) no bid, (2) $42,721.

28 — FIRE EQUIPMENT

BIDS WANTED

OAKLAND, Cal.—Until April 7, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing one service fire truck.

Specifications obtainable from above office.

29— STREETS AND HIGHWAYS

BIDS WANTED

MARIN COUNTY, Cal.—Until April 15, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.4 miles grading and surfacing with plant-mixed surfacing on crusher run base, in Marin County between Waldo Point and the Golden Gate Bridge.

The work involves:

(1) 178 sta. clearing and grubbing right of way;
(2) 33,000 M. gals. water;
(3) 1,752,700 c.y. rdwy. excav., unclassified;
(4) 13,100,000 sta. yds. overhaul;
(5) 12,500 c.y. struc. excav.;
(6) 178 sta. finishing rdwy.;
(7) 35,000 tons crusher run base;
(8) 95 tons liquid asph. MC-2 (prime coat);
(9) 15,000 tons of mineral aggregate (plant-mixed surf.);
(10) 750 tons liquid asphalt MC-5 or MC extra heavy (plant-mixed sur.);
(11) 1,100 tons screenings (seal coat);
(12) 70 tons liquid asphalt MC-3 (do);
(13) 160 tons liquid asphalt SC-1A or SC-2 (seal coat);
(14) 46,000 lbs. bar reinf. steel (struc.)
(15) 475 c.y. Class A Portland cement concrete (struc.);
(16) 3,200 c.y. rubble masonry;
(17) 3,992 l.f. 8-in. CMP, 16 gauge;
(18) 900 l.f. 12-in. do;
(19) 480 l.f. 15-in. do;
(20) 3,050 l.f. 18-in. do;
(21) 2,100 l.f. 24-in. CMP 12 gauge;
(22) 930 l.f. 30-in. CMP 10 gauge;
(23) 8,180 l.f. 8-in. perf. metal pipe underdrains;
(24) 1,440 c.y. rock filling material (underdrains);
(25) 100 l.f. 6-in. vit. clay pipe;
(26) 31 each spillway assemblies;
(27) 500 each guide posts;
(28) 5.0 mile standard property fence;
(29) 2.0 miles special do;
(30) 20 each fence gates (standard fence);
(31) 12 ea. fence gates (special fence)
(32) 100 each monuments;
(33) 225 c.y. removing concrete.

NOTE: The State will furnish corrugated metal pipe, perforated metal pipe, and spillway assemblies as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

MOHAVE COUNTY, Arizona—E. L. Yeager, P. O. Box 127, Winslow, at $140,668.51 awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Kingman-Boulder Dam Highway, FLH 2-B, C, D & E; A.F.E. 6906. The work, which begins about 50 miles northwest of Kingman, and extends northwesterly about 25.3 miles to within one mile of Boulder Dam, consists of furnishing and placing aggregate base course, shoulder material and cutback oil cake (either road mix or plant mix method) and is to be completed on or before Dec. 31, 1936.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until April 7, 2 P. M., bids will be received by the Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for applying penetration oil treatment to existing shoulders on about 10.2 miles in San Diego County between Otay Junction and Coronado.

The work will require 300 tons of SC-2 road oil in place.

Plans and specifications obtainable from above office.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until April 7, 2 P. M., bids will be received by the Division of Highways, E. E. Wallace, District Engineer, 1365 Har-

bor Blvd., San Diego, for applying penetration oil treatment to existing shoulders on about 57.1 miles in San Diego County, between Poway Creek and northerly boundary, between Oceanside and San Luis bridge, and between Oceanside and Vista.

The work involves:

(1) 310 tons SC-2 road oil in place, Location "A";
(2) 590 tons SC-2 road oil in place, Location "B";

Plans and specifications obtainable from above office.

BIDS OPENED

NAPA COUNTY, Cal.—A. G. Raisch 1 DeHaro St., San Francisco, at $38,-374.50 submitted low bid to the State Highway Commission, Sacramento, for about 2.6 miles surfacing with crusher run base and plant-mixed surfacing in Napa County between Napa city limits and the Napa Wye.

The work involves

(1) 500 c.y. struc. excav.;
(2) 9,800 tons of imported borrow (shoulders);
(3) 4,900 tons crusher run base;
(4) 4,750 tons mineral agg. (plant-mixed surfacing);
(5) 240 tons liquid asphalt MC-5 or MC - extra heavy (plant-mixed surfacing);
(6) 31 tons liquid asph. MC-2 (prime coat);
(7) 22 tons liquid asph. (MC-3 (seal coat);
(8) 30 tons of liquid asphalt SC-1A (shoulders);
(9) 350 tons screenings (seal coat & shoulders);
(10) 6,750 lbs. bar reinf. steel;
(11) 97 c.y. Class A Portland cement concrete (struc.);
(12) 8 l.f. 15-in. CMP;
(13) 36 l.f. 18-in. CMP;
(14) 8 l.f. 24-in. CMP;
(15) 4 l.f. 30-in. CMP;
(16) 14 each headwalls, removed and reset;
(17) 800 l.f. 8-in. perf. metal pipe;
(18) 150 c.y. rock filling material;
(19) 10 c.y. concrete removed and disposed of.

Total bids follow:

(A) A. G. Raisch, San Francisco, $38,-374.50.
(B) E. A. Forde, San Anselmo, $41,-444.
(C) Hanrahan Co., San Francisco, $42,166.
(D) Pacific States Constr. Co., San Francisco, $42,940.
(E) L. C. Seidel, Sacramento, $44,-737.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.50	$ 1.50	$ 1.00	$ 1.00	$ 2.00
(2)	.62	.75	.65	.75	.80
(3)	1.65	1.95	1.95	2.00	2.10
(4)	2.92	3.00	3.25	3.20	3.20
(5)	16.70	17.00	19.00	18.00	18.00
(6)	19.00	19.50	22.00	20.00	20.00
(7)	19.00	19.50	22.00	20.00	20.00
(8)	13.00	13.00	14.00	13.00	13.50
(9)	2.40	2.45	2.60	2.80	3.40
(10)	.05	.06	.05	.06	.07
(11)	20.00	20.00	20.00	21.00	20.00
(12)	1.00	.50	.50	.40	.60
(13)	1.00	.50	.50	.40	.70
(14)	1.00	.50	.50	.40	.80
(15)	1.00	.50	1.00	.55	1.00
(16)	10.00	10.00	10.00	15.00	15.00
(17)	.50	.30	.40	.20	.25
(18)	2.50	2.50	3.00	2.50	3.00
(19)	10.00	5.00	3.00	3.00	12.00

BIDS OPENED

SAN FRANCISCO—U. Peira, 375 Delano Ave., San Francisco, at $1,-444.50 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,931 for construction of a one-course concrete sidewalk on the northwest side of San Jose Ave., between Havelock Street and Ocean Avenue.

The work involves:

(1) 14,200 sq. ft. 3½-in. one course concrete sidewalk;
(2) 300 sq. ft. 6-in. do.

Complete bids follow:

U. Peira: (1) $.0975; (2) $0.20; total, $1444.50.
E. J. Treacy: (1) $0.115; (2) $0.20; total, $1693.
Chas. L. Harney: (1) $0.118; (2) $0.23; total, $1744.60.
Love & Haun: (1) $.124; (2) $0.194; total, $1819.
M. J. Lynch: (1) $0.129; (2) $0.195; total, $1890.30.
D. C. McCabe: (1) $.13; (2) $0.17; total, $1897.
DeLuca & Son: (1) $0.13; (2) $0.175; total, $1898.50.
C. C. W. & H. H. Haun: (1) $0.1375; (2) $0.23; total, $2021.

All bids referred to the City Engineer.

LOW BIDDER

LOS ANGELES, Calif. — Southern California Roads Co., 2145 E 25th St., Los Angeles, at $83,547.77 submitted low bid to the County Board of Supervisors for the improvement of Sunset Blvd. at its intersection with Horn Ave., Palm Ave. and Holloway Drive, westerly to the easterly boundary of the city of Beverly Hills westerly of Doheny Road, a total distance of 3500 l.f. or 0.66 mile, a PWA project.

BIDS OPENED

LOS GATOS, Santa Clara Co., Cal. —Leo F. Piazza, 296 N. 6th St., San Jose, at $743.67 submitted low bid to the Los Gatos Town Council, Donna M. Winning, Town Clerk, for the improvement of Santa Cruz Ave. from Main St. to Broadway, State Highway, Route 42.

The other bids were:

Wm. M. Meyers, $794.97.
A. Tonelli, $991.52.

CONTRACT AWARDED

MORROW COUNTY, Oregon.—O. N. Pierce and Frank Conner, 4226 NE 10th, Portland, at $8,290 awarded contract by R. H. Baldock, State Highway Engineer, Portland, for the development of two artificial roadside oases near Castle Rock and Boardman on Columbia River Highway.

Bids were opened March 13 and referred to the engineer with power to award contract.

CONTRACT AWARDED

CLATSOP and Tillamook Counties, Ore.—J. A. Lyons, 33rd and Hasley, Portland, at $110,050 awarded contract by R. H. Baldock, State Highway Engineer, Portland, for 2.17 miles grading on the Bear Creek-Bare Mountain Section of Wolf Creek Highway.

Bids were opened March 13 and referred to the engineer with power to award contract.

MADERA COUNTY — 8 Miles Grade and Oil — (State)

MADERA COUNTY, Cal. — R. R. Carlson, Weber Ave. and E St., Stockton, at $194,385 submitted low bid to the State Highway Commission, Sacramento, for about 8 miles grading and oiling in Madera County between Kelshaw Corners and Coarse Gold.

The work involves:

(1) 1 lot clearing and grubbing;
(2) 1,200 M. gals. water;
(3) 296,000 c.y. rdwy. excav., unclass.
(4) 27,500 c.y. imported borrow;
(5) 1,250,000 sta. yds. overhaul;
(6) 2,700 c.y. ditch excavation;
(7) 3,800 c.y. struc. excavation;
(8) 421 sta. finishing rdwy.;
(9) 285 tons liquid asphalt SC-2;
(10) 600 c.y. Class A Portland cement concrete (struc.);
(11) 71,000 lbs. bar reinf. steel;
(12) 54 each spillway assemblies;
(13) 918 l.f. 8-in. CMP;
(14) 14 l.f. 12-in. CMP;
(15) 196 l.f. 18-in. CMP;
(16) 4,410 l.f. 24-in. CMP;
(17) 38 l.f. 30-in. CMP;
(18) 164 l.f. 12-in. perf. metal pipe underdrains;
(19) 50 l.f. 8-in. do;
(20) 50 c.y. rock filling material (underdrains);
(21) 85 each culvert markers;
(22) 60 l.f. laminated guard railing;
(23) 14.75 miles new property fence (standard);
(24) 1.25 miles do (hog tight);
(25) 22 each drive gates;
(26) 170 each monuments complete in place.

Total bids follow:

(A) R. R. Carlson, Stockton, $194,385.
(B) C. W. Caletti & Co., San Rafael, $226,015.20.
(C) Dale Hinman, Denver, Colorado, $244,166.
(D) Isbell Constr. Co., Reno, Nevada, $279,175.
(E) Gibbons & Reed Co., Burbank, $279,644.30.
(F) Mittry Bros. Constr. Co., Los Angeles, $307,135.80.
(G) A. Teichert & Son, Inc., Sacramento, $325,941.25.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$8,000.00	$5,800.00	$6,600.00	$6,000.00	$13,000.00	$9,500.00	$10,500.00
(2)	1.25	1.25	3.50	2.00	1.65	2.50	3.00
(3)	.38	.495	.49	.62	.61	.68	.74
(4)	.45	.52	.55	.50	.72	.65	.60
(5)	.005	.0025	.01	.01	.004	.005	.01
(6)	.50	.95	1.00	.60	.65	2.00	1.50
(7)	1.00	1.00	1.80	1.50	2.00	2.50	2.00
(8)	7.50	5.20	10.00	10.00	5.00	7.00	7.00
(9)	12.00	14.50	15.00	16.50	12.75	15.00	17.00
(10)	27.00	23.50	25.00	27.00	26.00	20.00	25.00
(11)	.06	.052	.06	.05	.05	.06	.05
(12)	20.00	12.50	14.00	15.00	15.00	18.00	15.00
(13)	1.00	1.10	.90	1.25	1.20	1.10	1.00
(14)	1.50	2.30	1.20	1.65	1.65	2.50	1.50
(15)	2.00	2.80	1.80	2.00	1.90	3.00	2.25
(16)	2.50	2.90	2.60	2.75	2.90	3.50	3.00
(17)	4.00	4.30	4.00	4.25	3.70	4.25	4.00
(18)	1.25	1.70	1.30	1.85	1.65	2.50	1.50
(19)	.90	1.50	1.00	1.50	1.20	1.00	1.00
(20)	1.50	4.00	2.00	2.50	5.50	4.00	6.00
(21)	2.00	1.80	2.00	3.00	1.65	2.00	2.50
(22)	1.00	1.00	2.00	1.50	1.00	2.00	1.50
(23)	400.00	450.00	500.00	525.00	500.00	650.00	500.00
(24)	550.00	700.00	800.00	675.00	660.00	700.00	675.00
(25)	16.00	16.00	14.00	15.00	14.00	25.00	20.00
(26)	3.00	2.60	3.00	3.50	3.00	4.00	4.00

COMPLETE BID LISTING

COCONINO COUNTY, Ariz. — Jack Casson, P. O. Box 2293, Phoenix, at $74,968.75, as previously reported, submitted low bid and recommended for award of contract by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for placing a crushed rock base course on all of Route 8, Hermit Rest and the Headquarters Service roads and parking areas, Grand Canyon National Park, Coconino County.

The length of the project is 9.141 miles, exclusive of service roads and parking areas, which have an area of approximately 67,205 sq. yds.

The work involves:

(1) 38,200 tons of crushed rock base course;
(2) 3,000 tons supplemental crushed rock, 1¼-in. maximum;
(3) 955 tons do, ½-in. maximum;
(4) 1,350 M. gals. watering;
(5) 564 tons applying liquid asphaltic road material, Type SC-2;
(6) 45 c.y. unclass. excav. for struc.
(7) 120 l.f. 12-in. CMP in place;
(8) 96 l.f. 18-in. CMP in place;
(9) 23 c.y. masonry;
(10) Sanding asphaltic material, extra work;
(11) Misc. drainage construction, extra work;
(12) Construction of project signs, extra work.

Total bids follow:

(A) J. A. Casson, Phoenix, $74,968.75.
(B) Arizona Sand & Rock Co., Phoenix, $81,087.43.
(C) Pearson & Dickerson, Prescott, $85,034.00.
(D) Daley Corp., Phoenix, $89,885.60.
(E) Engineer's estimate, $63,903.05.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$ 1.62	$ 1.66	$ 1.80	$ 1.80	$ 1.40
(2)....	1.35	1.50	1.45	1.60	1.15
(3)...	1.35	2.15	3.00	2.00	2.95
(4)....	3.00	4.50	3.00	5.00	4.00
(5)....	3.75	5.50	5.00	10.00	3.90
(6)....	2.50	2.00	3.00	4.00	2.40
(7)....	1.75	2.10	2.00	2.00	1.60
(8)....	2.00	3.08	3.00	2.50	2.20
(9)....	17.00	27.50	37.00	30.00	20.00
(10)....	300.00	300.00	300.00	300.00	300.00
(11)....	200.00	200.00	200.00	200.00	200.00
(12)....	175.00	175.00	175.00	175.00	175.00

CONTRACT AWARDED

COCHISE COUNTY, Arizona — Lee Moor Contracting Co., 807 Bassett Tower Building, El Paso, Texas, at $54,918.71, submitted the low bid and awarded contract by the Arizona State Highway Commission, Phoenix, for construction of the Douglas-Safford Highway, WPGS 114-D; A.F.E. 8110.

The work, which is located about 1½ miles north of the town of Cochise, consists of the construction of a reinforced concrete overpass and approaches, and is to be completed on or before Oct. 15, 1936.

The principal items and approximate quantities are:

1,300 c.y. rdwy. excav.;
6,200 c.y. drainage excav.;
290 c.y. structural excav.;
54,000 c.y. imported borrow;
4,000 c.y. select material;
370 c.y. concrete;
53,700 lbs. reinf. steel;
76,400 lbs. structural steel;
432 l.f. corrugated metal pipe;
2,600 l.f. road guard;
250 hours rolling;
1,000 M. gals. sprinkling.

Total bids follow:

Lee Moor Constr. Co., El Paso, Texas, $54,918.71.
Tiffany Constr. Co., Safford, Arizona, $56,990.04.
Daley Corp., San Diego, $57,621.89.
Allied Building & Constr. Co., Omaha, Neb., $58,759.01.
Phoenix-Tempe Stone Co., Phoenix, $58,791.03.
Ken Hodgman, Phoenix, $60,354.36.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on April 8:

II - Med - 28-A, bet. Adin and Rush Creek: PLANS (No. Sheets) 7 (Cost) $0.70; No Cross-Sections (Total) $0.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS WANTED

PINAL COUNTY, Arizona—Until April 3, 2 p. m., bids will be received by the Arizona State Highway Commission, for highway construction on the Casa Grande-Sacaton Highway, W.P.M.S. 122; A.F.E. 1870 and W.P. S.S. 122; A.F.E. 1871. The work, which etxends from the town of Casa Grande northeasterly about 14.4 miles to the junction with the Phoenix-Tucson Highway near Sacaton, consisting of grading, draining and oil processing by the road mix method, and is to be completed on or before Oct. 30, 1936.

The principal items are:

1,300 cu. yds. roadway excav.;
4,000 cu. yds. drain. excav.;
270 cu. yds. structural excav.;
4,300 cu. yds. borrow;
3,900 cu. yds. imported borrow;
4,900 cu. yd. mi. imported borrow haul;
2,400 cu. yds. select material (CIP);
8,100 tons aggregate base course (CIP);
2,700 lin. ft. grading fords;
600 M. gals. sprinkling;
600 hrs. rolling;
111 cu. yds. class A concrete;
9,300 lbs. reinf. steel;
378 lin. ft. C. M. pipe (4 sizes);
3,800 lin. ft. line fence;
14.4 miles preparation of subgrade;
17,400 tons mineral aggregate (CIP);
240,800 gal. SC-2 road oil;
14.4 miles processing road mix;
1,700 tons screenings;
28.1 miles shaping shoulders.

Funds in the sum of $131,000 have been programmed for this work. Plans may be obtained from the State Highway Engineer, T. S. O'Connell. Certified check or cashier's check for 5% must accompany each proposal.

BIDS WANTED

LONG BEACH, Calif. — Until March 31, 2 p. m., bids will be received by the City Clerk, E. L. MacDonald, room 101, City Hall, to be opened in room 301, for the construction of about 11,280 lin. ft. of reinforced concrete sheet piling retaining wall, creosoted timber anchor piles, sheet tie rods, galvanized pipe hand railing and other appurtenances, earth fills, and by removing portions of the existing concrete retaining wall, concrete coping, concrete steps, ornamental light standards and concrete pedestals, and by removing and reconstructing wood walings on existing wooden retaining walls, for the improvement of portions of Rivo Alto Canal, Naples Canal, The Colonnade Canal, Alamitos Bay and San Gabriel River, in accordance with plans and specifications prepared by the city engineer-public service director J. W. B. Blackman.

The work, which will cost about $330,000, will be financed to the extent of $81,500 by the property owners under 1911 Act proceedings, $100,000 county allocation from gas-tax funds, and the balance not to exceed $146,991.00 by the Public Works Administration.

The work involves:

PROPOSAL A (For Shallow Work)
2,656 cu. yds. concrete sheet piles;
276 cu. yds. concrete coping;
850,485 lbs. reinf. steel;
12,810 ft. creosoted piling;
57,300 lbs. anchor rods, nuts, and washers;
8,750 lbs. lifting hooks;
192 sq. ft. expansion joint material;
414 lbs. expansion joint pipe;
1,541 lbs. expansion joint bars;
5,450 cu. yds. earth fill.

PROPOSAL B (For Deep Work)
6,040 cu. yds. concrete sheet piles;
834 cu. yds. concrete coping;
1,588,304 lbs. reinf. steel;
23,140 ft. creosoted piling;
114,500 lbs. anchor rods, nuts and washers;
1,925 lbs. drain pipe;
22,925 lbs. lifting hooks;
550 sq. ft. expansion joint material;
1,586 lbs. expansion joint pipe;
5,159 lbs. expansion joint bars;
11,550 cu. yds. earth fill.

REMOVALS
2,400 lin. ft. walls to be removed;
20 sets of steps to be removed;
6,900 lin. ft. coping to be removed;
7,300 lin. ft. railing to be removed;
22 light standards to be removed. 22

BIDS WANTED

LASSEN COUNTY, Cal.—Until Apr. 10, 2 P. M., as previously reported, bids will be received by the Division of Highways, F. W. Haselwood, Dist. Engineer, Redding, for about 1.4 mile surfacing with road-mix surfacing in Lassen County, between Hillside and Nubieber.

The work involves:

(1) 127 tons liquid asphalt, ROMC-4, in place;
(2) 1750 cu. yds. mineral aggregate, in place.

Plans and specifications obtainable from above office and on file at the office of DAILY PACIFIC BUILDER.

BIDS WANTED

MARICOPA COUNTY, Arizona — Until March 31, 2 p. m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Phoenix-Tempe Highway, N.R.M. 30-B, A.F. E. 519. The work, which is located in Phoenix on West Van Buren St., between 7th Ave. and 3rd Ave., consists of widening and resurfacing the present pavement and incidental work, and is to be completed on or before Aug. 15, 1936.

The principal items are:

2888 sq. yds. grading under pavement;
900 tons aggregate base course (CIP);
600 tons asphaltic concrete base course;
700 tons asphaltic concrete top course;
165 tons asphaltic surface finish;
46 sq. yds. 6-in. concrete pavement;
2550 lin. ft. combined curb and gutter;
500 lin. ft. gutter;
9000 sq. ft. 4-in. concrete sidewalk;
2600 sq. ft. 6-in. concrete sidewalk;
1300 sq. yds. removal of pavement;
3550 lin. ft. removal of curb and gutter (4 types);
9800 sq. ft. removal of sidewalk;
5200 lin. ft. filling cracks.

Funds in the sum of $20,737.91 have

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO—Until April 13, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1532 for furnishing 36-in. and 48-in. gate valves as follows:

PROPOSAL A

(1) Two 48-in. diam., double disc, sliding stem gate valves for 75 lbs. unbalanced cold water working pressure and 150 lbs. test, complete with extended stems and rising stem wheel operated floor stands.

(2) One 48-in. diam., double disc. O. S. & Y. gate valves for 75 lbs. do, complete with wheel operated gearing.

PROPOSAL B

(3) Two 36-in. diam., non-rising stem flanged end, bronze mounted, double disc, bottom wedge, parallel seat, gate valves for 75 lbs. per sq. inch unbalanced cold water working pressure and 150 lbs. test with spur gears, pinion and stem operating nuts.

PROPOSAL AB

Items 1, 2 and 3 combined.

Specifications obtainable from the above office.

EAST BAY UTILITY DIST.

OAKLAND, Cal. — Until April 3, 5:30 P. M., bids will be received by the East Bay Municipal Utility Dist., John H. Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 733, for furnishing one back hoe attachment for 'General" ½ cu. yd. shovel.

Specifications obtainable from above office.

SACRAMENTO COUNTY

COURTLAND, Sacramento Co., Cal. —Until April 3, 8 P. M., bids will be received by the Board of Trustees of the Bates Joint Union School, L. C. Peck, Clerk, Courtland, for furnishing a 54-passenger school bus chassis and body, 14-in. bases.

Specifications obtainable from above office.

WAR DEPARTMENT

LOS ANGELES, Cal.—Until April 2, 11 A. M., bids will be received by the U. S. Engineer, 751 S. Figueroa St., for furnishing 165,300 bd. ft. No. 1 Douglas fir f.o.b. bidder's shipping point for Hauser Siding, Los Angeles. Circ. Prop. No. 537.

SACRAMENTO, Cal.—Until March 31, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-217, for furnishing one dragline bucket of not less than 31 cu. ft. capacity.

Delivery fob Sacramento.

Specifications obtainable from above office.

SACRAMENTO, Cal. — Until March 31, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-218, for furnishing 2000 ft. of standard hoisting rope of 6 strands, 19 wires to the strand, fiber core.

Delivery f.o.b. Rio Vista.

Specifications obtainable from above office. *

FORT LEWIS, Washington — Until April 1, 10 A. M., bids will be received by the Purchasing & Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-36-30, for furnishing pumps as follows:

(1) One electric motor driven centrifugal pump, complete with motor, starter, and foundation bolts.

(2) One electric motor driven centrifugal pump, complete with motor, automatic push button starter and foundation bolts.

Delivery f.o.b. Fort Lewis.

Specifications obtainable from above office and on file at the office of the DAILY PACIFIC BUILDER *

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

MACHINE, sensitive radial drilling on tapping; East or West Yard. Sch. 7436; March 31.

FITTINGS, cone joint, for small tubing; Mare Island. Sch. 7428; Mar. 31.

COMPRESSOR sets, parts and spares; Mare Island. Sch. 7423; March 31

FILES, Mare Island. Sch. 7336; Mar. 31.

FELT, hair; 900 sq. ft., Mare Island; 1200 sq. ft. Puget Sound. Sch. 7430; March 31.

PIPE covering, cement, plaster, blocks, magnesia, high temperature, etc.; East and West Yards. Sch. 7415; March 31.

COMPOUNT, 3800 lbs. ball-bearing; Mare Island. Sch. 7450; April 3.

CORK, 15,000 sq. ft. insulating compressed; Mare Island. Sch. 7456; April 3.

Lathe, motor-driven; East and West Yards. Sch. 7437; April 3.

MACHINE, motor-driven coil winding and spares; Mare Island. Sch. 7445; April 3.

PRESS, motor-driven hydraulic; East or West Yard. Sch. 7439; April 3.

STEEL 20,000 lbs. bar nickel; East and West Yards. Sch. 7469; April 7.

HOSE, 6500 ft. linen fire; Mare Island and Puget Sound. Sch. 7465; Apr. 7.

CLOTHS, cotton wiping; 2240,000 lbs., San Diego; 150,000 lbs. Puget Sound. Sch. 7458; April 7.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

CITY OF TORRANCE

TORRANCE, Los Angeles Co., Cal. —Until 8 P. M., April 7, bids will be received by the Torrance City Clerk for furnishing 1000 movable portable type chairs for the public assembly hall under construction in Torrance. Specifications are one file with Architects Walker & Eisen, 708 Pacific Commerce Bldg., Los Angeles. Guaranty in the sum of 10% must accompany each bid.

FRESNO COUNTY

SANGER, Fresno Co., Cal.—Until April 7, 8 P. M., bids will be received by Sanger City Clerk, Frank Niles, for furnishing one light grader with scarifier attachment and with power plait suitable for light street work.

Specifications are to be submitted with bid.

Information obtainable from above office.

U. S. INDIAN SERVICE

TEMECULA, Calif.—Until April 6, 2:30 P. M., bids will be received by the U. S. Indian Irrigation Service, 751 South Figueroa Street, Los Angeles, or furnishing horizontal centrifugal pumps complete with motors and bases, fob cars bidder's shipping pt. and/or Temecula, under Invitation No. 0230.

The items are:

(1) one 550-gpm pump at 100-ft. head

(2) one 700-gpm pump at 165-ft. head

To be installed in booster pumping station on Rincon Indian Reservation, Federal Project No. 600.

RECLAMATION SERVICE

ALL - AMERICAN CANAL.—Until April 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 670, for furnishing and delivering fob cars at the shippnig point and/or railroad destination point, structural steel for the railroad bridge at Station 1029 plus 48.58 and for the highway bridge at Station 1035 plus 47, of the All-American Canal, Boulder Canyon Project. The materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $1.50, not returnable.

BOULDER CITY, Nev.—Until April 20, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 782-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City, two complete units of manual telephone equipment for installation in the Boulder Dam power plant, Boulder Canyon Project. The apparatus will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $5.00, not returnable.

DENVER, Colorado.—Until April 13, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 781-D, for furnishing and delivering fob cars at the shipping point and/or at the railroad destination, two 42-inch diameter welded plate-steel outlet pipes for installation in the outlet works of the Moon Lake Dam, Moon Lake Project, Utah; and two welded plate - steel outlet pipes, one 72-in. in dia. reducing to 57-in. in dia., and one 57-in. in dia. throughout, for installation in the outlet works of the Taylor Park Dam, Uncompahgre Project, Colo. All pipes will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.75, not returnable.

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April 4, 1936

Vol. XIX—No. 14

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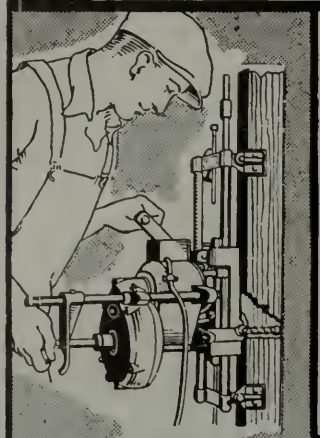

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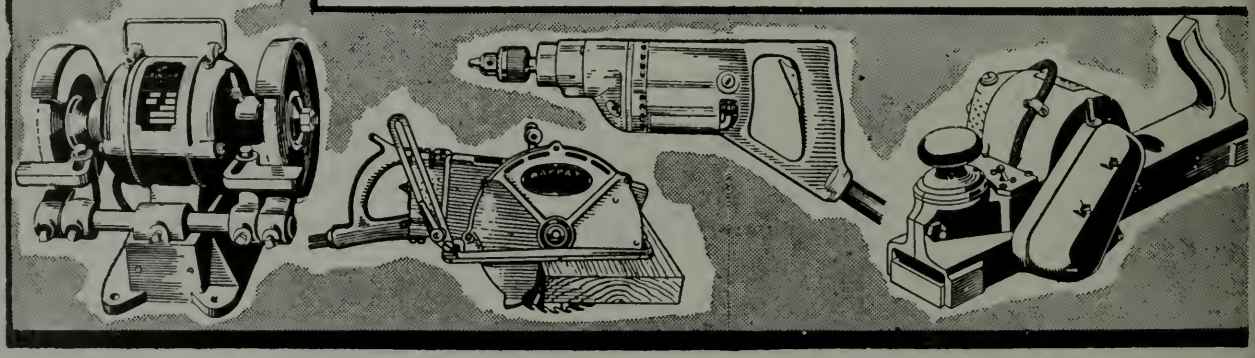

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Vol. XIX SAN FRANCISCO, CALIF., APRIL 4, 1936 NO. 14

NHA TITLE I IS EXTENDED TO APRIL 1937

Congress Acts To Maintain Insurance Of Modernizing Loans

Title I of the National Housing Act, modified in its original terms, was extended to April 1, 1937, by act of Congress yesterday. The extension was rushed to the President for his signature in order that the benefits of the act might be continued without interruption after expiration of the original measure at midnight last night.

According to information received in San Francisco the amended act will not permit loans for electrical equipment or other household appliances to be insured by the Federal Housing Administration. Neither will it permit loans for small new houses costing not more than $2,000, which were accepted under Title I of the original act.

In other essentials the section will be continued as heretofore. It will permit loans for structural modernization of dwellings up to a total of $2000 for each property and up to $50,000 for remodeling and repairing commercial property, schools and churches.

BOILER STANDARDS TO BE CONTINUED

The Division of Simplified Practice of the National Bureau of Standards has announced that Simplified Practice Recommendation R8-,29, Range Boilers and Expansion Tanks, has again been reaffirmed without change by the standing committee of the industry.

This program, which was proposed and developed by the industry, establishes a simplified list of sizes and capacities of range boilers and expansion tanks. Range boilers vary in capacity from 18 to 192 gallons, and expansion tanks, from 10 to 42 gallons.

This recommendation, which was originally effective May 1, 1924 was reaffirmed without change in December 1924, in 1927, 1928, and 1930.

McGAW LOW ON STATE CONTRACT

(SPECIAL TO DAILY PACIFIC BUILDER)

SACRAMENTO, April 1.—S. M. McGaw, Stockton, today submitted the low bid to the State Division of Highways at $23,675 for surfacing 4.1 miles in Contra Costa Co. with plant-mixed surfacing and constructing shoulders. The improvement is to be made between the county road to Byron and the easterly county boundary.. Nine bids were received. The second and third low figures were submitted by Independent Const. Co., Ltd., Oakland, at $23,956, and Pacific States Const. Co., San Francisco $24,040.

1678 Contractors Registered Under City License Act

A total of 1,678 contractors have registered in San Francisco under provisions of the recently enacted city license ordinance, according to Mrs. A. McArdle, director of the license bureau.

The ordinance requires registration and payment of a ten dollar annual fee by all contractors operating in the city. Current licenses will expire June 30, the end of the fiscal year, Mrs. McArdle said.

Bids on municipal projects by contractors who have not taken out city licenses are disqualified, and permits for building, roofing or other work are refused by the Central Permit Bureau until the contractor has registered.

Of the 1678 contractors who have taken out city licenses to date many actually operate outside San Francisco but have registered in order to perform work in the city, Mrs. McArdle said.

The license bureau follows thru all registrations with the State contractors' license bureau, notifying San Francisco firms or individuals who have failed to take out licenses to register immediately.

Notices of license expiration will be mailed in June, according to Mrs. McArdle, as the annual fee must be paid and renewals issued by July 1.

PRIVATE WORK AWARDS REMAIN AT FEB. LEVEL

San Francisco March Permits Sustain Gains Shown In Previous Month

Privately-financed building awards continued during March in San Francisco at about the same level established in February. The total value of building permits reported by S. J. Rosenblum, head clerk of the Central Permit Bureau, was $886,570 in March, compared with $1,299,974 in February. The difference, however, is accounted for principally by absence of public building contracts in the March report.

The number of permits issued in March, was 678, compared with 544 in February.

The city bureau issued 137 permits for frame buildings to cost $626,275 last month. The value is the highest for any month in more than four years, excepting February this year, when the total was $659,480 for 138 permits. There were only 55 permits issued in March last year for this class of work and the value was $214,340.

An exceptional number of alterations and repair permits were issued last month, the total being 530. The value of $202,799, however, was less than either that of February or of March a year ago.

Awards for publicly-financed work in the city last month totalled less than $13,000.

Following are the comparative figures for March 1936 and March 1935:

	March, 1936		March, 1935	
Class.	No. of P'mts	Est. Cost	No. of P'mts	Est. Cost
B	1	$ 1,500	...	$.....
C	7	43,000	7	71,500
Frames	137	626,275	55	214 340
Alter.	530	202,799	469	297,341
Public	1	8,396	1	565,565
State	...	.....	1	1,172,622
Govt.	2	4,600	.....	.....
Total	678	$886,570	533	$2,321,368

Fabricated structural steel bookings last year were 1,068,603 tons, and shipments amounted to 1,095,-216 tons, the American Institute of Steel Construction reports.

ARMY ASKS BIDS ON SHOALS FILL RETAINING WALL

209,000 - Ton Rock Contract Advertised; Proposals Open April 9

The contract for construction of a three-mile rock retaining wall around the site of the 1939 San Francisco Bay Exposition on Yerba Buena shoals has been authorized for advertising by the U. S. Engineers, with bids scheduled for opening April 9 at the office of Lt.-Colonel J. A. Dorst, district engineer.

Under the new plan of operation announced last week the retaining wall contract will be the only construction job in the shoals fill project to be advertised for bids. Dredging and filling will be done by army dredges, supplemented by rented equipment.

A total of approximately 209,000 tons of rock are to be furnished and placed in a rubble retaining wall enclosing the upper levels of the fill, under the contract. Total length of the wall will be about 16,000 feet.

Quantities of rock required will be 61,000 tons Class A, 58,000 tons Class B, and 90,000 tons Class C, according to the engineer's estimates. These estimates are based upon a weight of 155 pounds per solid cubic foot of rock and the following percentages of voids in the retaining wall sections: Class A rock, 35 percent; Class B rock, 25 percent; Class C rock, 20 percent.

The wall is to be built in steps. Where the natural depth of water along the line of the wall exceeds six feet at mean lower low water the army will first place dredged material. The first mound of rock then will be constructed on the fill, following which the army will place the second stage of fill.

When the contractor has built the second mound of rock a third stage of fill will be placed and the sand backing dike for the top step of the wall will be built. The contractor then will place rock for the final step of the wall.

REPORT SHORTAGE IN SKILLED LABOR

Increased building construction has resulted in a threatened shortage of skilled workmen in Sonoma county, according to the National Re-employment Service district office in Santa Rosa. Every skilled building trades worker in the county is now at work, it is stated, and more jobs are waiting to be filled.

Public construction projects on which skilled workmen now are employed include the county hospital, the Petaluma high school music and agriculture building, Sebastopol grammar school, Analy high school shop building and a highway realignment at Cotati.

$2,200,000 Capitol Design Competition To Close April 10

Architects competing for the commission to design the new Oregon state capitol must file notice of their intention with the State Capitol Reconstruction Commission prior to Apr. 10, according to terms of the competition. Copies of the program of conditions governing the competition may be obtained before that date by addressing a communication to Alton John Bassett, secretary, State Capitol Reconstruction Commission, 714 Porter Building, Portland.

Six awards are to be made in the competition. The winner will be commissioned to design the $2,200,000 building, receiving a six per cent commission. One-third of his commission, if he does not reside in the state of Oregon, must be paid to an associate registered Oregon architect. The authors of the next five most meritorious designs will receive $1500 each.

Drawings entered in the competition must be received at the office of the clerk of the supreme court of Oregon, Salem, on or before May 22, 1936. The jury of award will meet May 25 and the award will be announced not later than May 28.

The jury is to consist of two architects, neither of whom shall be a resident of Oregon, two members of the capitol reconstruction commision, and one layman. Architect Carl F. Gould of Seattle, technical advisor to the commission, will not be a member of the jury.

Competition will be restricted to citizens of the United States and to architects registered in their own state or by the National Council of Architects Registration Board. Each entrant must submit a list of three projects of some magnitude executed under his direction and photostatic copies of two sheets from signed contract plans of buildings executed under his direction and two photographs of completed buildings. Drawings to be furnished are: (a) Block plan showing the location and relationship of the described buildings and their surroundings; (b) plans of all floors, including basement; (c) front elevation (d) side elevation; (e) one longitudinal section.

Cost of the building is to be figured at 80 cents per cubic foot, the total not exceeding $2,200,000.

RESERVOIR ROOF TO COST $60,000

The roof for the Bay street reservoir in Santa Cruz will cost approximately $60,000, according to the estimate of City Engineer Roy Fowler. Funds for its construction are to accumulate from water department surplus, provision having been made several months ago for setting aside $25,000 a year for this purpose.

BIDS APRIL 22 ON CALIFORNIA HIGHWAY JOBS

Tehama Paving Contract Heads List Of Northern County Improvements

(SPECIAL TO DAILY PACIFIC BUILDER)

SACRAMENTO, March 31.—The State Division of Highways today set April 22 as the date for receiving bids on three highway construction contracts in Northern California counties.

Largest of the three jobs released is that for grading and paving with asphalt concrete 10.2 miles in Tehama County, between Corning and Proberta. Estimated construction items include 51,700 cu. yds. roadway excavation; 38,915 tons of asphalt concrete; 80,500 pounds of reinforcing steel; 2700 lineal feet corrugated metal pipe.

In Modoc County a contract is to be let for grading a section of six miles and applying penertation oil treatment. The work is located between Juniper Creek and Alturas.

The third job is that of grading and paving approaches to the Folger Avenue underpass in Berkeley, a section of three-tenths of a mile to be graded and paved with portland cement concrete. The underpass, completed recently by J. F. Knapp, contractor, carries traffic under the Southern Pacific tracks to the East Shore highway approach to the Bay Bridge.

S.E.A. PLANS VISIT TO MINT BUILDING

Next meeting of the Structural Engineers Association of Northern California will be held Tuesday, April 14. Members will assemble at 4:00 P. M. at the new U. S. Mint building now under construction to inspect steel frame and concrete work. H. A. Schirmer will discuss features of the structure.

F. W. Panhorst, bridge engineer of the State Highway Commission, will speak on bridges at the evening session, to be held at the Engineers' Club, 206 Sansome street.

CONCRETE FLOOR DESIGN BOOKLET

The booklet, "Simplified Design of Concrete Floor System," is a recent publication of the Portland Cement Association, 33 W. Grand Ave., Chicago. Formulae and tables in common use, safe load tables for one- and two-way solid slab and ribbed slab types are included, together with descriptions of each system.

Copies may be obtained without charge by writing the association.

U. S. manufacturers produced 65,658 galvanized range boilers in February, the Bureau of the Census reports, as compared with 57,294 in February 1935.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
547	Heyman	Owner	4250
548	Heyman	Owner	11700
549	Heyman	Owner	11250
550	Chala	Owner	1000
551	S. P. Co	Owner	2500
552	Y M C A	Owner	1800
553	Chin	Yick	1000
554	Gardner	Owner	4990
555	Roman	Coburn	1500
556	Richfield	Jones	2000
557	Duffin	McFarland	1000
558	Campbell	Erickson	4800
559	Baxter	Owner	1000
560	Smith	Owner	4000
561	O'Connor	Owner	3000
562	Mountford	Linder	3000
563	Ward	Jensen	10000
564	Mohr	Owner	3500
565	Mohr	Owner	7000
566	Mohr	Owner	3500
567	Arco	Owner	14000
568	McDonough	Owner	3500
569	McDonough	Owner	3500
570	Bernhardt	Owner	7000
571	Lindsay	Owner	3400
572	Lindsay	Owner	3200
573	Stelling	Malloch	1000
574	Isaac	Owner	4000
575	Isaac	Owner	4000
576	Isaac	Owner	4000
577	Isaac	Owner	4000
578	Isaac	Owner	4000
579	Blincoe	Owner	4000
580	Arco	Owner	4000
581	Bay	Owner	1600
582	Peterson	Peterson	7500
583	Sprouse	Seymour	1980
584	New	Hardy	1100
585	Primatera	Morrison	2000
586	Franceschi	Owner	1000
587	Lydel	Warden	5000
588	Struthers	Owner	3000
589	Hogrife	Owner	5000
590	Anderson	Owner	5000
591	Manseau	Owner	4000
592	Manseau	Owner	4000
593	Peggy	Emanuel	3000
594	Boys'	Woodcraft	1000
595	Hogrefe	Owner	4500
596	McDevitt	Malloch	1000
597	Garino	Owner	3000
598	Stelling	Owner	5000
599	Slyter	Willis	1015
600	Helke	Anrold	1950
601	Roberts	Rahlmann	1000
602	Elvin	Owner	2000
603	Stein	Owner	3750
604	Stein	Owner	4000
605	Stein	Owner	3750
606	Hallgren	Owner	3500
607	Hallgren	Owner	3500

DWELLING
(547) W DUNSMUIR ST. 200 N Silver Ave. One-story and basement frame dwelling.
Owner — Heyman Bros., 712 Market St., San Francisco.
Architect—Not Given. $4250

DWELLINGS
(548) W DUNSMUIR ST. 235, 270 and 305 N Silver Ave. Three one-story frame dwellings.
Owner — Heyman Bros., 712 Market St., San Francisco.
Architect—Not Given. $3900 each

DWELLINGS
(549) W DUNSMUIR ST. 340, 374 & 408 N Silver Ave. Three one-story and basement frame dwellings.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $3750 each

ALTERATIONS
(550) NO. 349 FAIRFAX AVE. Alter tavern.
Owner—Vito Chala, Premises.
Architect—Not Given. $1000

ALTERATIONS
(551) NW BAKER AND FELL STS. Alter hospital.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Plans by J. H. Christie, 65 Market St., San Francisco. $2500

ALTERATIONS
(552) NO. 220 GOLDEN GATE AVE. Alterations.
Owner—Y. M. C. A., Premises.
Architect—Not Given. $1800

ALTERATIONS
(553) NO. 640 JACKSON ST. Alter restaurant.
Owner—Chin Park, Premises.
Architect—Not Given.
Contractor—Frank Yick, 670 Washington St., San Francisco. $1000

DWELLING
(554) N ST. GERMAIN ST. Two-story and basement frame dwlg.
Owner—S. D. Gardner, % Architect.
Architect—Martin Rist, 944 Phelan Bldg., San Francisco. $4990

ALTERATIONS
(555) NE FREMONT AND HARRISON Sts. Alter warehouse.
Owner—Roman Catholic Archbishop of San Francisco, % Contractor.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $1500

STATION
(556) SE THIRD AVE. & BALBOA St. One-story steel service station.
Owner—Richfield Oil Co., Premises.
Architect—Not Given.
Contraactor—Paul K. Jones, 1272 18th St., San Francisco. $2000

STATION
(557) NW NINETEENTH AVE. & Quintara St. One-story frame lubrication station.
Owner—J. Duffin, 1919 18th Ave., San Francisco.
Architect—Jas. McFarland, 710 47th Ave., San Francisco. $1000

DWELLING
(558) W APTOS ST. 398 S Upland Drive. One-story and basement frame dwelling.
Owner—Lucille Campbell, % Contractor.
Architect—Not Given.
Contractor — Henry Erickson, 972 Chenery St., San Francisco. $4800

ALTERATIONS
(559) SW FOURTEENTH AND Shotwell Sts. Alter storeroom.
Owner—A. M. Baxter, 151 14th St., San Francisco.
Architect—Not Given. $1000

DWELLING
(560) W FORTY-THIRD AVE. 225 N Anza St. One-story and basement frame dwelling.
Owner—Charles Smith, 866 36th Ave., San Francisco.
Architect—Not Given. $4000

ADDITION
(561) E VAN NESS AVE. SOUTH 108 SE 12th St. Addition to Class C light industry building.
Owner — Michael O'Connor, Hotel Manx, San Francisco.
Architect—G. A. Berger, 309 Valencia St., San Francisco.
Contractor—Not Let. $3000

ALTERATIONS
(562) NO. 201 THIRTY - SECOND Ave. Alter dwelling.
Owner—G. W. Mountford, Premises.
Architect—Not Given.
Contractor—J. F. Linder, 617 Moraga St., San Francsico. $3000

DWELLING
(563) SE ROBIN HOOD DRIVE. Two-story and basement frame dwelling.
Owner—E. W. Ward, % Architect.
Architect — Martin Rist, 944 Phelan Bldg., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco. $10,000

DWELLING
(564) W MONETA WAY 115 N Farragut St. One-story and basement frame dwelling.
Owner — Rudolph Mohr & Sons, 4482 Mission St., San Francisco.
Architect — Martin Sheldon, Monadnock Bldg. $3500

DWELLINGS
(565) W MONETA WAY 85 AND 396 N Farragut St. Two one-story and basement frame dwelling.
Owner — Rudolph Mohr & Sons, 4482 Mission St., San Francisco.
Architect — Martin Sheldon, Monadnock Bldg. $3500 each

DWELLING
(566) N FARRAGUT 50 W Moneta Way. One-story and basement frame dwelling.
Owner — Rudolph Mohr & Sons, 4482 Mission St., San Francisco.
Architect — Martin Sheldon, Monadnock Bldg. $3500

DWELLINGS
(567) E TWENTY-SIXTH AVE. 25, 50, 75 and 100 N Rivera St. Four one-story and basement frame dwellings.
Owner—Arco Building Co., 4708 Mission St., San Francisco.
Architect—Not Given. $3500 each

DWELLING
(568) NW ELEVENTH AVENUE & Lawton St. One-story and basement frame dwelling.
Owner — M. McDonough, 149 Randall St., San Francisco.
Architect—Not Given. $3500

DWELLING
(569) W ELEVENTH AVE. 25 N Lawton St. One-story and basement frame dwelling.
Owner — M. McDonough, 149 Randall St., San Francisco.
Architect—Not Given. $3500

DWELLINGS
(570) E THIRTIETH AVE. 250 and 225 N Ulloa St. Two one-story and basement frame dwellings.
Owner—Bernhardt & Cowen, 924 Taraval St., San Francisco.
Architect—Not Given. $3500 each

DWELLING
(571) E TWENTY-THIRD AVE. 150 N Lawton St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3400

DWELLING
(572) E TWELFTH AVE. 300 S Moraga St. One-story and base-frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3200

ALTERATIONS
(573) NO. 3326 MISSION STREET. Alter store.
Owner—Martin Stelling Jr., Alexander Bldg., San Francisco.
Architect—Not Given.
Contractor—. J. Malloch, 666 Mission St., San Francisco. $1000

DWELLING
(574) E THIRTY-EIGHTH AVE. 425 S Judah St. One-story and basement frame dwelling.
Owner — H. H. Isaac, 517 Belvedere St., San Francisco.
Architect—S. A. Colton, 544 Market St., San Francisco. $4000

DWELLING
(575) E THIRTY-EIGHTH AVE 350 S Judah St. One-story and basement frame dwelling.
Owner — H. H. Isaac, 517 Belvedere St., San Francisco.
Architect—S. A. Colton, 544 Market St., San Francisco. $4000

DWELLING
(576) E THIRTY-EIGHTH AVE 325 S Judah St. One-story and basement frame dwelling.
Owner — H. H. Isaac, 517 Belvedere St., San Francisco.
Architect—S. A. Colton, 544 Market St., San Francisco. $4000

DWELLING
(577) E THIRTY-EIGHTH AVE. 400 S Judah St. One-story and basement frame dwelling.
Owner — H. H. Isaac, 517 Belvedere St., San Francisco.
Architect—S. A. Colton, 544 Market St., San Francisco. $4000

DWELLING
(578) E THIRTY-EIGHTH AVE. 375 S Judah St. One-story and basement frame dwelling.
Owner — H. H. Isaac, 517 Belvedere St., San Francisco.
Architect—S. A. Colton, 544 Market St., San Francisco. $4000

DWELLING
(579) E THIRTY-THIRD AVE. 75 S Rivera St. One-story and basement frame dwelling.
Owner—C. O. Blincoe, 2663 15th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(580) NE TWENTY-SIXTH AVE. & Rivera St. One-story and basement frame dwelling.
Owner—Arco Building Co., 4708 Mission St., San Francisco.
Architect—Not Given. $4000

STORAGE BLDG.
(581) W HARRIETT ST. 150 S Brannan St. One-story frame storage building.
Owner—Bay Cities Ice Co., 715 Brannan St., San Francisco.
Architect—Not Given. $1600

FLATS
(582) E NINETEENTH AVE. 100 N Irving St. Two-story and basement frame flats.
Owner—Olga Peterson, 229 Bonview St., San Francisco.
Architect—Not Given.
Contractor — Gust L. Peterson, 229 Bonview. $7500

ALTERATIONS
(583) NO. 1644 HAIGHT ST. Alter store.
Owner—Sprouse-Reitz Co., Premises.
Architect—Not Given.
Contractor — Seymour Showcase Co., 251 Post St. $1980

ALTERATIONS
(584) NO. 1757 FILLMORE STREET Alter bakery.
Owner—New England Mutual Life Insurance Co., Flatiron Bldg., San Francisco.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina St., S. F. $1100

ALTERATIONS
(585) NW CRESCENT AND ANdover Sts. Alter store and flats.
Owner—Vincente Primatera, 4538 Mission St., San Francisco.
Architect—Not Given.
Contractor—Morrison & Moriano, 3131 Clement St. $2000

ALTERATIONS
(586) E FILLMORE ST. 100 S North Point St. Alter flats.
Owner—Louis Franceschi, 3750 Webster St., San Francisco.
Architect—Not Given. $1000

FLATS
(587 E ROOSEVELT WAY 282 SW Levant St. Two-story and basement frame flats.
Owner — M. A. Lydel, 405 Roosevelt Way, San Francisco.
Architect—Fred Warden & Son, 1619 26th Ave. $5000

DWELLING
(588) N SHAFTER AVE. 50 N Ingalls. One-story and basement frame dwelling.
Owner — Marshall T. Struthers, 4250 Mission St., San Francisco.
Architect—Not Given. $3000

DWELLING
(589) E ALMADEN COURT 197 N Anza St. One-story and basement frame dwelling.
Owner—H. C. Hogrife, 359 24th Ave., San Francisco.
Architect — John Davis Young, 2002 California St., S. F. $5000

DWELLING
(590) S HAZELWOOD 100 E Yerba Buena. One-story and basement frame dwelling.
Owner—Adolph Anderson, 230 Hazelwood Ave., San Francisco.
Architect — Chas. F. Strothoff, 2274 15th St., San Francisco. $5000

DWELLING
(591) W TWENTY-FIFTH AVE. 250 S Kirkham St. One-story and basement frame dwelling.
Owner — E. E. Manseau, 1439 29th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(592) W TWENTY-FIFTH AVE. 275 S Kirkham St. One-story and basement frame dwelling.
Owner — E. E. Manseau, 1439 29th Ave., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(593) NO. 764 MARKET STREET. Alter store.
Owner—Peggy Shoppe Inc., Premises
Architect—Not Given.
Contractor—L. & E. Emanuel, Inc., 2665 Jones St., S. F. $3000

ALTERATIONS
(594) NO. 42 CLAY ST. Alter restaurant.
Owner — The Boys' Dairy Lunch, 15 Market St., San Francisco.
Architect—Not Given.
Contractor — Woodcraft Mfg. Co., 45 Hallam St., San Francisco. $1000

DWELLING
(595) E ALMADEN ST. 175 N Anza St. One-story and basement frame dwelling.
Owner—H. C. Hogrife, 359 24th Ave., San Francisco.
Architect — John Davis Young, 2002 California St. $4500

ALTERATIONS
(596) NW SIXTH AND MINNA STS. Alter store.
Owner—J. T. McDevitt, Postal Telegraph Bldg., San Francisco.
Architect—Not Given.
Contractor — J. S. Malloch, 666 Mission St., San Francisco. $1000

DWELLING
(597) W LA GRANDE AVE. 175 N Persia. One-story and basement frame dwelling.
Owner—L. Garino, 3794 16th Street, San Francisco.
Architect—Not Given. $3000

STORES
(598) S LAWTON ST. 140 W 25th Ave. One-story frame stores.
Owner—Martin Stelling Jr., 155 Montgomery St., San Francisco.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Engineer — W. H. Ellison, Pacific Bldg., San Francisco. $5000

ALTERATIONS
(599) NO. 182 VALENCIA ST. Alter flower shop.
Owner—Ben Slyter, 1001 Valencia St., San Francisco.
Architect—Not Given.
Contractor—L. M. Willis, 3275 Mission St., San Francisco. $1015

ALTERATIONS
(600) NO. 2699 MISSION ST. Alter drug store.
Owner—Mrs. Anna Helke, 785 Trestle Glen Ave., Oakland.
Architect—Not Given.
Contractor—Arnold Mfg. Co., 1693 Mission St., San Francisco. $1950

ALTERATIONS
(601) NO. 2849 CALIFORNIA ST. Alter market.
Owner—W. F. Roberts & Sons, Prem.
Architect—Not Given.
Contractor—H. E. Rahlmann Co., 251 Kearny St., S. F. $1000

ALTERATIONS
(602) NO. 35 STILLMAN ST. Alter light industrial building.
Owner—Arthur Elvin, 1244 30th Ave., San Francisco.
Architect—Not Given. $2000

DWELLING
(603) E TWENTY-EIGHTH AVE. 35 N Cabrillo St. Two-story and basement frame dwelling.
Owner—Stein & Krigg, 159 19th Ave., San Francisco.
Architect—Not Given. $3750

DWELLING
(604) NE TWENTY-EIGHTH AVE. and Cabrillo St. One-story and basement frame dwelling.
Owner—Stein & Krigg, 159 19th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(605) E TWENTY-EIGHTH AVE. 70 N Cabrillo St. Two-story and basement frame dwelling.
Owner—Stein & Krigg, 159 19th Ave., San Francisco.
Architect—Not Given. $3750

DWELLING
(606) E FUNSTON AVE. 250 N Taraval St. One-story and basement frame dwelling.
Owner—A. Hallgren, 1594 29th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(607) E FUNSTON AVE. 225 N Taraval St. One-story and basement frame dwelling.
Owner—A. Hallgren, 1594 29th Ave., San Francisco.
Architect—Not Given. $3500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
351	Kenrall	Webb	6638
352	Catlin	DuPuy	24000
354	Harwood	Harwood	7000
355	Glatt	Sommarstrom	3250
356	O'Brien	Larmer	9000
357	Kushins	Kulchar	3500
358	Merrill	Altermatt	3500
359	Farnoff	Kurtz	9870
360	Scammell	Owner	10000
361	Hewitt	Reinninghaus	30000
362	Ottino	Farania	4000
353	Gerke	Duncan	6000
363	Rebaghate	Haulman	3500
364	Buckley	Pressler	5500
365	Kraft	Cahill	5000

ALTERATIONS
(351) NO. 149 CAPERTON AVENUE, **PIEDMONT.** Alterations.
Owner—Mr. and Mrs. T. Kendall, 1726 Oakland Ave., Piedmont.
Architect — Wm. Milwain, Oakland Ave. and El Cerrito.
Contractor — Webb & Whalin, 2930 22nd Ave., Piedmont. $6638

RESIDENCE
(352) NO. 87 SEA VIEW AVENUE, **PIEDMONT.** Two-story 12-room residence and garage.
Owner—Mrs. Robt. Catlin, % Architect
Architect—Frederick H. Reimers, 233 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco. $24,000

DWELLING
(354) NO. 2309 BYWOOD DRIVE, **OAKLAND.** Two-story 7 - room dwelling.
Owner—Grace S. Harwood, 2514 Lyon Ave., Oakland.
Architect—Not Given.
Contractor — W. P. Harwood, 3514 Lyon Ave., Oakland. $7000

WAREHOUSE
(355) NO. 2221 UNION STREET, **OAKLAND.** One-story warehouse.
Owner—Fred Glatt.
Architect—Russ Cooley, 354 Hobart St., Oakland.
Contractor—E. E. Sommarstrom, 627 Vernon St., Oakland. $3250

(356) NO. 1345 QUEENS RD, **BERKELEY.** Two-story 8-room frame dwelling and garage.
Owner — M. O'Brien, 1028 Cragmont Ave., Berkeley.
Architect—Wm. M. Pierson, 90 Quail Ave., Berkeley.
Contractor—Edw. Larmer, 90 Fairview Ave., Berkeley. $9000

ALTERATIONS
(357) NO. 2160 SHATTUCK AVE., **BERKELEY.** Alterations.
Owner—C. Kushins Co., 1915 Broadway, Oakland.
Architect—Not Given.
Contractor—S. Kulchar & Co., 731 E-Tenth St., Oakland. $3500

DWELLING
(358) NO. 2525 HILLCOURT ST., **BERKELEY.** One-story 4-room frame dwelling and garage.
Owner — M. B. Merrill, 1544 Le Roy Ave., Berkeley.
Architect—Not Given.
Contractor—J. A. Altermatt, 243 Taurus St., Oakland. $3500

DWELLING
(359) NO. 6045 LA SALLE AVENUE **OAKLAND.** Two - story 8-room dwelling and one-story garage.
Owner—Dr. Homer Farnoff.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland. $9870

DWELLINGS
(360) NO. 2506-2520 CASTELLO ST., **OAKLAND.** Two one-story six-room dwellings.
Owner—J. N. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5000 each

DWELLINGS
(361) 1800 BLK ON ARCH STREET, **BERKELEY.** Ten one and one-half-story 4-room dwellings and garages.
Owner — G. Hewitt, 68 Plaza Drive, Berkeley.
Plans by Owner.
Contractor — B. Reininghaus, 117 El Camino Real, Berkeley. $3000 each

DWELLING
(362) NO. 1207 FRANCISCO ST., **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner—G. Ottino, Premises.
Architect—C. J. Sherwood, 1359 Marin Ave., Berkeley.
Contractor—J. Farania, 827 Madison St., Albany. $4000

DWELLING
(353) 1737 MORELAND DR., **ALAMEDA.** One-story 6-room stucco dweling.
Owner—P. H. Gerke, 8006 Hillside Avenue, Oakland.
Architect—Not Given.
Contractor—George Duncan, 2523 78th Ave., Oakland. $6,000

DWELLING
(363) NO. 2920 E-NINETEENTH ST., **OAKLAND.** One-story five-room dwelling.
Owner—Dora Rebaghate.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $3500

DWELLING
(364) NO. 5552 GOLDEN GATE AVE. **OAKLAND.** Two-story six-room dwelling.
Owner — May A. Buckley, 11 Blair Ave., Piedmont.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland. $5500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
31	Phelan	Lindgren	170311
32	Ward	Jensen	14000

ALTERATIONS
MARKET, STOCKTON AND O'FARRELL STS.: Roos Bros. Building and Phelan Bldg. All work for alterations to buildings.
Owner—Alice Phelan Sullivan Corp.; Gladys Sullivan Doyle Corp., Noel Sullivan, Alice S. Murphy and Riebard E. Doyle.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor — Lindgren & Swinerton.
Filed Mar. 27, '36. Dated Mar. 27, '36.
$9500 plus cost of materials, destructible equipment, labor, rental of indestructible tools and equipment, field office maintenance, etc.
TOTAL COST, not to exceed $170,311
Bond, none. Limit, prior to 8 months from date. Forfeit, none. Plans and specifications filed.

DWELLING
(32) LOT 24 BLK 2992 Sub. No. 1. Sherwood Forest. All work for one-story frame dwelling and garage.
Owner—Edward B. Ward, % Architect
Architect—Martin Rist, Phelan Bldg., San Francisco.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.
Filed April 1, '36. Dated Mar. 30, '36.
Rough frame up.....$3500
Brown coat plaster and exterior stucco on..... 3500
Completed and accepted..... 3500
Usual 35 days..... 3500
TOTAL COST, $14,000
Bond, none. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
34	Owens	Heafey	16280
35	S. P. Co	Ransome	——
36	Cardoza	Sorensen	5512

BUILDINGS
(34) THIRTY-SEVENTH AVE. AND Post St., Oakland. Excavating, filling and grading for buildings No. 3 to 13, inclusive.
Owner — Owens-Illinois Pacific Coast Co., 1855 Folsom St., San Francisco.
Architect—Not Given.
Contractor — Heafey Moore Co., 344 High St., Oakland.
Filed Mar. 27, '36. Dated Mar. 26, '36.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $16,280
Bond, $16,280. Surety, Hartford Accident & Indemnity Co. Limit, May 22, 1936. Forfeit, none. Plans and specifications filed.

(35) VARIOUS LOCATIONS. All work for street paving.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—Not Given ,
Contractor—Ransome Co., 4030 Hollis St., Emeryville.
Filed Mar. 30, '36. Dated Mar. 27, '36.
During month 75%
Usual 35 days..... 25%
TOTAL COST, $——
Bond, $1845.38. Surety, U. S. Guarantee Co. Limit, 30 days. Forfeit, plans and specifications, none.

RESIDENCE
(36) LOT 37 BLK 8, Cragmont Park, Berkeley. Residence.
Owner—Lenus J. Cardoza, 1414 Bonita, Berkeley.
Architect—Scott Haymond, American Trust Bldg., Berkeley.
Contractor—Edw. M. Sorensen, 1907 Parker St., Berkeley.
Filed, Mar 28, '36. Dated April 1, '36
Enclosed with sheathing, plumbing roughed in and wired 25%
Brown coated 25%
Completion 25%
Usual 35 days.....25%
TOTAL COST, $5,512
Forfeit, $2 per day. Limit, 90 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Prepared
APARTMENTS Cost, $10,500
BURLINGAME, San Mateo Co., Calif.
Two-story frame and stucco residential apartment building (four 3-room apts.) shake roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St. San Francisco.
Bids will be asked within one week.

Plans Being Completed.
APARTMENTS Cost, $35,000
CARMEL, Monterey Co., Calif.
Two-story apartment building (10 apartments); whitewashed brick and chalkrock construction, heavy shingle roof, fireplaces, general electric kitchens, etc.
Owner—Mrs. Ethel P. Young, Pebble Beach.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.

Preparing Working Drawings
APARTMENTS Cost, $13,000
PITTSBURG, Contra Costa Co., Calif.
Two-story frame and stucco apartment building (50x125-ft.) four 3-room apts. (hardwood floors, wood sash, composition roofing, etc.)
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Bids will be asked in about 10 days.

Plans Being Completed
ALTERATIONS Cost, $4,000
SAUSALITO, Marin County, Calif.
Alterations to apartment bldg. (heating, plumbing, plastering, painting electrical work, mill work, etc.)
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Bids will be asked within one week.

Sub-Bids Being Taken
APARTMENTS Cost, $125,000
SAN FRANCISCO. South Line Jackson Street 90 W Laguna Street.
Seven-story steel frame and reinforced concrete apartment building (28 4-room apts.) colored tile baths, stall showers, hardwood floors, tar and gravel roof, steam heating plant.
Owner and Builder—A. Penziner, 750 Taylor Street.
Architect—E. H. Denke, 1317 Hyde St.
Structural steel bids are in and will be awarded shortly. Sub-bids are being taken on all other portions of the work.

Work Started.
ALTERATIONS Cost, $6000
SAN FRANCISCO. No. 1070 Pine St.
Alterations and additions to six flats for 12 2- and 3-room apartments; work involves adding baths, tile work, new main stairway, changing partitions, etc.
Owner—Dr. A. W. Morton.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Work is being done by day's work under the supervision of the architect.

Contract Awarded.
ALTERATIONS Cost, $8000
BURLINGAME, San Mateo Co., Calif. No. 240 El Camino Real.
Alterations to residence for five apartments.
Owner—G. Gray, Premises.
Architect—Not Given.
Contractor — W. O. Nicolaides, 218 Peninsula Ave., San Mateo.

4— FACTORIES & WAREHOUSES

BIDS REJECTED
MOJAVE, Kern Co., Calif.—Los Angeles Water and Power Commission on March 26 rejected all bids received on February 27 for construction of a two-story, reinforced concrete warehouse on the department's property at Mojave. The rejection was made due to the fact that PWA funds were not made available to the department for the project.

Contract Awarded
ALTERATIONS Cost, $6,000
OAKLAND, Alameda Co., Calif. 2601 Adeline Street.
Alterations to plant.
Owner—Kraft Phenix Cheese Corp., 962 Battery St., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

To Be Done By Day's Work.
STORAGE BLDG. Cost, $2000
SAN FRANCISCO. W Harriett St. S Brannan Street.
One-story frame storage building.
Owner—Bay Cities Ice Co., 715 Brannan St., San Francisco.
Architect—Not Given.

Plans Awaiting PWA Approval
SHED EXTEN. Cost, $85,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
Superstructure for extension to Transit Shed No. 2 (270-ft. northerly extension) steel and concrete construction.
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner. Bids will be asked upon approval of plans by the PWA.
As previously reported, structural steel contract awarded to Herrick Iron Works, 1729 Campbell St., Oakland, at $15,240.

CONTRACT AWARDED
WEST LOS ANGELES, Cal.—Myers Bros., 3407 San Fernando Rd., awarded contract at $197,234 by Twentieth Century-Fox Film Corp. for a three-story reinforced concrete property storage building to be built at 10,260 Orton Ave., West Los Angeles. J. A. Barlow, 10260 Orton Ave., West Los Angeles, architect.

Contract Awarded
MFG. BLDGS. Cost, $12,000
NEWARK, Alameda Co., Calif.
Two one-story wood frame and galvanized iron manufacturing buildings (100x200-ft.)
Owner—James Graham Mfg. Co.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Structural Engineer—W. L. Huber, 1 Montgomery St., San Francisco
Contractor—The Austin Co., 516 18th St., Oakland.

Excavation Contract Awarded.
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Aves.
Group of four buildings for glass manufacturing plant (brick and insulux glass construction) concrete foundations, corrugated iron roofs and composition roofs, concrete floors, steel sash, etc.
Owner — Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco. (P. B. Burtt, Vice President, in charge).
Structural Engineer — Kaj Theill, 580 Market St., San Francisco.
Excavation, Filling and Grading—Heafey Moore Co., 344 High St., Oakland, $16,280.

Plans Being Prepared
PRINTING PLANT Cost, $35,000
SAN FRANCISCO. Van Ness Avenue South and 13th Street.
One-story printing plant with general offices (22,000 sq. ft.)
Owner—The James H. Barry Co.
Consulting Structural Engineer—Jesse Rosenwald, 525 Market St.

FIRE LOSS
FORT BRAGG, Mendocino Co., Cal.—Fire destroyed the Domestic Laundry on Harold Street March 23, with damage estimated at $15,000.
W. S. Harmon, proprietor of the laundry.

Contract Awarded
WAREHOUSE Cost, $4,000
OAKLAND, Alameda Co., Calif. 2221 Union Street.
One-story warehouse.
Owner—Fred Glatt.
Plans by Russ Cooley, 354 Hobart St., Oakland.
Contractor—E. E. Sommarstrom, 627 Vernon St., Oakland.

Plans Completed.
ADDITION Cost, $4000
SAN FRANCISCO. E Van Ness Ave. South near 12th Street.
Class C addition to light industrial building.
Owner — Michael O'Connor, Hotel Manx, Powell and O'Farrell Sts.
Architect—G. A. Berger, 309 Valencia St., San Francisco.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. SW Fourteenth and Shotwell Streets.
Alterations to storeroom.
Owner—A. M. Baxter, 151 14th St., San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. NE Fremont and Harrison Streets.
Alterations to warehouse.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—Not Given.

Contractor—Ira W. Coburn, 2048 Market St., San Francisco.

Preparing Preliminary Plans.
WINERY Cost, $——
WOODBRIDGE, San Joaquin Co., Cal.
New winery (wine and storage building, fermenting cellar, distillery, and office building (frame, galvanized iron and reinforced concrete construction) new equipment, etc.
Owner—Del Rio Winery.
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.
Estimated cost of equipment is $90,000.

Plans Being Prepared
WAREHOUSE Cost, $——
OAKLAND, Alameda Co., Cal. Pier Street bet. Ferry and Terminal.
One-story steel frame warehouse (30x 80 feet).
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Bids will be asked in about three weeks.

FIRE LOSS
SAN MATEO, San Mateo Co., Cal. —Fire destroyed three San Mateo warehouses March 26. The buildings destroyed were the two-story structure owned by the Floral Service, Inc. 33 South Railroad Ave.; the Peninsula Theatrical Appliance Co. and the warehouses of the San Mateo Grocery Co. Damage estimated at $100,000.

Contract Awarded.
PLANT Cost, $9000
PITTSBURG, Contra Costa Co., Cal. Shell Chemical Plant.
Ammonia bottling plant, (140x65 ft.) steel truss and reinforced concrete foundation, etc.
Owner — Shell Chemical Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Siino Bros., 710 Black Diamond St., Pittsburg.
Total cost of plant including equipment is $150,000.

Preparing Preliminary Plans.
RESIDENCES Cost, $2000 and $2500
MONTE RIO, Sonoma Co., Calif.
Two one-story wood frame and rustic residences (4 and 5 rooms).
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

5— FLATS

Plans Being Completed
FLATS Cost, $14,000
SAN FRANCISCO. Taraval Street.
Two 2-story frame and stucco flats (gas heating systems, hardwood floors, tile baths, etc.)
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Bids will be asked within one week.

Contract Awarded.
FLATS Cost, $6500
SAN FRANCISCO. E Roosevelt Way 282 SW Levant St.
Two-story and basement frame and stucco flats.
Owner — M. A. Lydel, 405 Roosevelt Way, San Francisco.
Architect—Not Given.
Contractor—Fred Warden & Son, 1619 26th Ave., San Francisco.

Contract Awarded.
FLATS Cost, $8500
SAN FRANCISCO. E Nineteenth Ave. 100 N Irving Street.
Two-story and basement frame and stucco flats.
Owner — Olga Peterson, 229 Bonview Ave., San Francisco.
Architect—Not Given.
Contractor — Gust L. Peterson, 229 Bonview Ave., San Francisco.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
GARAGE Cost, $6500
PALO ALTO, Santa Clara Co., Calif. No. 2360 South Court Street.
One-story reinforced concrete garage.
Owner—C. A. Stone, 2376 Bryant St., Palo Alto.
Architect—Not Given.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

Contract Awarded.
SERVICE STATION Cost, $3500
MILLBRAE, San Mateo Co., Calif. Hillcrest St. and El Camino Real Service Station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Fred J. Early, 369 Pine St., San Francisco.

Contraact Awarded.
STATION Cost, $1500
SAN FRANCISCO. NW 19th Ave. & Quintara Street.
One-story frame lubrication station.
Owner—J. Duffin, 1919 18th Avenue, San Francisco.
Contractor—Not Given.
Contractor—Jas. McFarland, 710 47th Ave., San Francisco.

Planned.
SERVICE STATION Cost, $8000
SAN RAFAEL, Marin Co., Calif. Third and E Streets.
New service station.
Owner—Smith Bros., 1010 Third St., San Rafael.
Architect—Not Given.
Further details will be announced shortly.

Contract Awarded
GARAGE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 135 E Lafayette Street.
One-story public garage.
Owner—Peter Marengo Sr., 956 Oxford Way, Stockton.
Architect—Not Given.
Contractor—E. Merlo, Rt. 1, Box 232, Stockton.

Contract Awarded
SERVICE STATION Cost, $9,000
STOCKTON, San Joaquin Co., Calif. 1505 Main Street.
Service station.
Owner—Giovanni Podesto.
Architect—Not Given.
Contractor—Harman Pacific Co., 422 Third St., Los Angeles.

Bids Wanted—To Close April 10th, 8 P. M.
GARAGE Cost, $14,000
SEBASTOPOL, Sonoma Co., Calif.
One-story reinforced concrete garage at high school.
Owner—Analy Union High School District.
Architect—Louis Stone and Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Plans and specifications may be obtained from the architect and from the principal, Analy High School, Sebastopol, upon deposit of $25.00.

7— FEDERAL BUILDINGS

SUB-BIDS BEING TAKEN
TRACY, San Joaquin Co., Calif.—Dinwiddie Const. Co., Crocker Bldg., San Francisco, desire sub-bids on all portions of the work for the construction of the U. S. post office in Tracy for which bids will be opened April 9, 1 P. M., in Washington, D. C.

BIDS OPENED
POINT REYES, Marin Co., Calif.—Fred J. Early, Jr., 369 Pine St., San Francisco, at $2,910 submitted low bid to Public Works Officer, Mare Island Navy Yard, for miscellaneous repairs and alterations to the buildings, fences drains and concrete tank at the U. S. Naval Direction Finder Station, Point Reyes; Spec. No. 8150.
Complete bids follow:

Fred J. Early, Jr., S. F.	(1)	$2,910
	(2)	2,310
	(3)	2,635
	(4)	2,000
Theo. H. Johanns, S. F.	(1)	$3,288
	(2)	2,825
	(3)	2,890
	(4)	2,450

Bids held under advisement. *

Bids Wanted—To Close May 7, 1 P. M.
POST OFFICE Cost, $83,000
UKIAH, Mendocino Co., Calif. NW Oak and Perkins Streets.
United States Post Office.
Owner—United States Government.
Pains by Supervising Architect of the Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office and will be on file at the office of the Supervising Architect, Post Office Building, San Francisco. *

BIDS WANTED
HICKAM FIELD, T. H.—Until April 28, 1:30 P. M., bids will be received by the Constructing Quartermaster, Fort Mason, San Francisco, and Purchasing and Contracting Officer, Hickam Field, T. H., for constructing four air corps double hangars (H-type) including utilities at Hickam Field, T. H

BIDS WANTED
ALCATRAZ ISLAND, Cal. — Until April 28, 2 P. M., bids will be received by Department of Justice, Bureau of Prisons, U. E. Penitentiary, Alcatraz for bullet-proof glass front on Armory and bullet-proof glass covered opening in wall of cell house all in Building No. 68, Alcatraz Island. Bid No. 628.
Bids will be opened in Room 214. Post Office Bldg., 7th and Mission Sts., San Francisco.

CONTRACT AWARDED
VENTURA, Ventura Co., Cal.—Mutual Metal Mfg. Co., 4828 W. Division St., Chicago, at $491, awarded contract by Treasury Department for furnishing and installing interior lighting fixtures in the U. S. post office at Ventura.

Plans Being Completed.
POST OFFICE Cost, $135,000
WATSONVILLE, Santa Cruz Co., Cal. Rear of present Post Office.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Bids will probably be asked May 1.

Sub-Contracts Awarded.
MINT Cont. Price, $935,000
SAN FRANCISCO. Duboce Ave., Herman, Buchanan and Webster Sts.
Four-story structural steel frame mint (207.9x185.1 feet) reinforced concrete floor slabs; exterior concrete walls with stone or terra cotta facing, reinforced concrete vaults, composition or asphalt block roofing, 5-inch steel studded plaster partitions, special lighting fixtures, elevators, vault doors).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C. and Gilbert S. Underwood, 408 S. Spring St., Los Angeles.
Contractor— Clinton Constr. Co., 923 Folsom St., San Francisco.

Glass—W. P. Fuller & Co., 301 Mission Street.
Mill Work—National Mill & Lumber Co., 230 California Street.
Plastering — A. Knowles, 982 Bryant St., San Francisco.

As previously reported, structural steel awarded to Pacific Coast Steel Co., 20th and Illinois Sts.; excavation to Sibley Grading & Teaming Co., 165 Landers St.

BUILDING MATERIALS APPROVED

SALINAS, Monterey Co., Cal.—Treasury Department approved the award to Bull Dog Electric Products Company for furnishing main switch and panel boards for the U. S. Post Office building in Salinas. Frank J. Reilly, 6350 Fulton St., San Francisco, general contractor.

BIDS WANTED

BELL, Los Angeles Co., Cal.—Until April 21, 10 A. M., bids will be reseived by Procurement Division, Public Works Branch, Washington, D. C., for insect screens in the U. S. Post Office at Bell.

Specifications may be obtained from the Custodian of the Building at Bell.

TO ASK BIDS

SAN DIEGO, Cal. — Bids will be asked shortly by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for painting pier at the Fuel Depot, San Diego. Specification No. 8190.

8— CLUB BUILDINGS

March 30, 1936

To Be Done By Day's Work

ALTERATIONS Cost, $2,500
SAN FRANCISCO. 220 Goden Gate Avenue.
Alterations to club building.
Owner—Y. M. C. A., 200 Golden Gate Avenue.
Architect—Not Given.

Plans Completed.

CLUB HOUSE Cost, $——
SAN FRANCISCO. Lincoln Park.
One-story concrete and frame clubhouse (flush redwood and cement plaster exterior, cement tile and oak floors, metal lath and plaster interior, shingle tile roof, steam heating system, toilet rooms, shower rooms, bathrooms, offices, meeting rooms, dining room, kitchen and services.
Owner—City and County of San Francisco Park Comission.
Architect—Gardner Dailey, 210 Post St., San Francisco.
Project being financed by WPA.

Bids Opened

LODGE BLDG. Cost, $50,000
MERCED, Merced Co., Calif. Nineteenth and M Streets.
1½-story frame and stucco lodge bldg. (lodge rooms, cafe, card rooms, lounge, gymnasium, banquet room and billiard room.)
Owner—Merced Lodge of Elks.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.
Complete bids follow:

General Work

C. B. Cameron & Son, Box 244, Merced $34,135
David Nordstrom, Oakland.... 34,460
Liner & Allen, Merced.... 34,888
J. E. Fritz, Merced.... 35,647
Peter Sartorio, San Francisco.... 37,768
H. H. Henning, Stockton.... 38,440
Mark Bristol, Oakland.... 38,616
Frank J. Reilly, San Francisco.. 39,981
Oliver M. Rousseau, S. F.... 42,745

Electric

American Electric Co., S. F....$ 3,885
Sanitary Plumbing Co., Merced.. 4,326
Eddy Electric Co., Stockton.... 4,547
Electric Const. Co., Fresno.... 4,563
Robinson Electric Co., Fresno.... 5,413

Heating, Plumbing and Ventilating

Scott Co., 243 Minna Street, San Francisco $13,387
Sanitary Plumbing Co., Merced.. 13,937
Valley Plumbing Co., Merced.... 14,550

Contract will probably be awarded to C. B. Cameron, who will give an estimate for electrical and mechanical work also and will handle the job complete.

9— HOSPITALS

Plans Being Completed

NURSES' HOME Cost, $40,000
ATWATER, Merced Co., Calif.
One - story frame and stucco nurses' home, garage, landscaping, equipment, etc. (second unit).
Owner—City of Atwater.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.
Bids will be asked in one week or ten days. *

To Be Done By Day's Work.

ALTERATIONS Cost, $3500
SAN FRANCISCO. NW Baker and Fell Streets.
Alterations to hospital.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Plans by Engineering Dept. of Owner (J. H. Christie, Chief Engineer).

BIDS OPENED

SAN FRANCISCO.—Thos. M. Jones, 643 29th Ave., at $197.00 submitted the low bid to Construction Engineer, Ft. Miley Hospital, San Francisco, for vestibules at the hospital.

Complete bids follow:

Thomas M. Jones....$197.00
R. S. Silverberg 220.00
Nick Hemminga 275.00

Bids held under advisement.

PLANNED

SAN FERNANDO, Los Angeles Co., Cal.—Gen. Frank T. Hines, chief of the bureau of veterans' affairs, Washington, D. C., has announced that $292,000 will be allocated by the bureau for the purpose of enlarging the veterans' hospital at San Fernando. The fund will be used principally to finance the construction of additional wards for tubercular patients. About 140 beds will be installed.

FIRE LOSS

BELMONT, San Mateo Co., Cal.—Fire destroyed the Reed Sanitarium in Belmont March 27. Damage estimated at $20,000.

John P. Duffy is the manager of the sanitarium.

Plans Being Figured—Bids Close Apr. 8th.

HOSPITAL Cost, $75,000
CHICO, Butte Co., Calif. Esplanade bet. Fifth and Sixth Avenues.
One-story reinforced concrete hospital (245x40-ft.; 50 - bed capacity) tile roof, steam heating system, etc.; laboratory, surgery rooms, X-ray rooms and resident physician's offices.
Owner—Dr. N. T. Enloe.
Architect—Chester Cole, Chico .
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Mechanical Engineer—W. Coddington, San Francisco.

Contract Awarded

HOSPITAL Cost, $22,500
MADERA, Madera Co., Calif. East Yosemite Ave. and North A Street
Brick and tile hospital building (stucco exterior, tile and composition roof, air conditioning system, etc.) to accommodate 12 patients; two operating rooms, laboratory, delivery room, X-ray room, kitchen, nurses' dining room, etc.
Owner—Dr. R. R. Dearborn, 107 South D Street, Madera.
Architect — Ernest J. Kump, Rowell Bldg., Fresno.
Contractor—R. W. Brown, 118 S Kay St., Medera. *

TO ASK BIDS

MARE ISLAND, Cal.—Bids will be asked shortly by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for a hospital to be erected at Mare Island; Spec. 8192.

BIDS WANTED

WARM SPRINGS, Ore.—Until Apr. 13, 10 A. M., bids will be received by C. E. Brashear, Construction Supt., Indian Service, 210 Fratt Bldg., Billings, Montana, for millwork for the Indian Agency Buildings at Warm Springs, Oregon.

Specifications may be obtained from above office.

BIDS OPENED

SANTA MARIA, Santa Barbara Co. Cal.—Doane Building Co., 800 W Main St., Santa Maria, submitted low bid at $31,700 to the Santa Barbara county supervisors for improvements to the branch county hospital in Santa Maria. Other bids were: R. D. Paterson, $32,000; F. C. Stolte, $33,650. The bids were taken under advisement pending approval of the PWA. Rudolph A. Policy, 611 E Cypress St., Santa Maria. *

BIDS OPENED

SANTA BARBARA, Cal.—Chas. M. Urton, 18 N Calle Alamo, Santa Barbara, submitted low bid at $26,304 to Santa Barbara county supervisors for the construction of a tuberculosis unit at the Santa Babara County Hospital, a PWA project. Other bids were: R. D. Paterson, $26,950; Harvey Graham, $26,978; W. L. Willitts, $27,382.50; E. D. Moe, $30,900. Plans were prepared by Architect Henry W. Howell, 157 Cheltenham Dr., Santa Barbara. The bids were taken under advisement pending approval of the PWA.

10— HOTELS

Contract Awarded

ALTERATIONS, ETC. Cost, $75,000
MERCED, Merced Co., Cal. M Street.
Alterations to El Capitan Hotel (3-story structure) new lobby, painting, decorating, etc., and a new 1-story reinforced concrete office building.
Owner—Stanley S. Simonson, Merced.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—M. B. Foslom, 914 22nd St., Merced.

PLANNED

LAGUNA BEACH, Orange Co., Cal.—Laguna-Riviera Hotel Co., a newly organized concern with headquarters at Laguna, has acquired property on Heisler point at the north end of the beach at Laguna and is reported to be contemplating the erection of a large resort hotel and recreation center on the site. It is understood that accommodations for from 500 to 600 guests are planned. Articles of incorporation were recently filed by the company showing a capitalization of $1,000,000. Alfred Violette, John Lucas, C. C. Drake, Adolph Becigneul and Milburn Violette, all residents of Laguna Beach, are the directors named.

12— POWER PLANTS

COMPLETE BIDS

PEARL HARBOR, T. H. — Alta Elec. & Mech. Co., 467 O'Farrell St.,

San Francisco, at $146,920 awarded contract by Bureau of Yards & Docks, Navy Department, Washington, D. C., for remodeling sub-station building and for electrical equipment at the Navy Yard, Pearl Harbor, T. H. Spec. No. 8051. Second low bid was submitted by Hawaiian Electrical Co., Honolulu, at $147,000.

Complete bids follow:

Alta Electric and Mechanical Co., San Francisco.....$146,920
Hawaiian Electric Co., Honolulu 147,000
Industrial Power Equipment Co., Baltimore, Md..... 162,294
H. S. Tittle Co., Inc., S. F..... 169,200

CONTRACT AWARDED

RIVERSIDE COUNTY, Calif.—L. E. Dixon Co., 609 S. Grand Ave., Los Angeles, at $819,316.25 awarded contract by the Metropolitan Water District, Los Angeles, under Spec. No. 143, for constructing the Eagle Mountain Pumping Plant of the Colorado River Aqueduct.

The work is located in Riverside County on the line of the Colorado River Aqueduct, about 10 miles north of the town of Desert Center, and comprises the construction of the Eagle Mountain pumping plant buildings, together with inlet works, outlet structures, electrical switching station, and the appurtenant works.

The buildings are to be of reinforced concrete and steel construction and the switch and bus structures of galvanized structural steel erected on concrete foundations. Cement reinforcing steel, and certain other materials will be provided by the District.

PERMIT GRANTED

SAN DIEGO, Cal.—The San Diego Consolidated Gas & Electric Co. has procured a city permit to reinforce its main electrical generating station at Kettner Blvd. and Broadway. The work is part of a $120,000 program for strengthening the company's plants against earthquake shock. Work on an auxiliary station at 10th and Imperial Aves. and at a gas compressor house has alread been completed.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Sub-Contracts Awarded.

AUDITORIUM Cont. Price, $109,535
EUREKA, Humboldt Co., Calif. F St. between 11th and 12th Sts.
One-story and balcony civic auditorium (main auditorium 100 ft. square; stage; secondary room, large foyer, etc.; concrete walls, steel trusses, steel balcony, wood sheathing, interior redwood finish, steel sash, hot air heating system ventilating system, etc.; to seat 2400).
Owner—City of Eureka.
Architect—F. T. Georgeson, 537 G St., Eureka.
Structural Engineer — W. H. Ellison, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Waste Molds — Henry Gregoire, 355 12th St., San Francisco.
Metal Sash—Michel & Pfeffer, 10th & Harrison Sts., San Francisco.
Ornamental and Miscellaneous Iron—Michel & Pfeffer, 10th and Harrison Sts., San Francisco.
Other awards previously reported.

Commissioned To Prepare Plans

LIBRARY Cost, $——
SAN FRANCISCO. Bernal Heights District.
New branch library.
Owner—City and County of San Francisco.
Architect—Fred H. Meyer, Kohl Bldg.

Commissioned To Prepare Plans

LIBRARY Cost, $——
SAN FRANCISCO. West Portal District.
New branch library.
Owner—City and County of San Francisco.
Architect—Fred H. Meyer, Kohl Bldg. Further details will be announced shortly.

Comissioned To Prepare Plans

ARMORY Cost, $105,000
SANTA BARBARA, Santa Barbara Co., Calif.
Reinforced concrete armory.
Owner—City of Santa Barbara.
Architect—S. Chas. Lee, 1658 Wilshire Blvd., Los Angeles, and Edwards and Plunkett, associated architects, 114 E. de la Guerra, Santa Barbara.

Contract Awarded

CITY HALL Cont. Price, $42,600
LINDSAY, Tulare Co., Calif.
City hall, tennis courts, playgrounds.
Owner—City of Lindsay.
Architect—F. L. Swartz, Brix Bldg., Fresno.
Contractor—Fisher & McNulty, Cory Bldg., Fresno.
Complete bids published March 6.

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—Coast Radio Co., 266 South First St., San Jose, at $1,020 awarded contract by City Council for furnishing and installing public address system in the Municipal Auditorium in San Jose.

Bids Rejected—Plans Being Revised

ADDITION Cost, $9,000
STOCKTON, San Joaquin Co., Calif. Channel and San Joaquin Streets.
Reinforced concrete addition to county jail (to accommodate 75) steel doors, Fenestra steel resisting or Soule steel windows, etc.
Owner—County of San Joaquin.
Architect—E. Ernst, 9 West Cleveland Street, Stockton.
New bids will be asked at a later date.
Complete blds published March 24, the lowest bid being submitted by Samuel Eyre, Tracy, at $12,560.

14— RESIDENCES

To Be Done By Day's Work.

RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 415 Vassar Street.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given.

Contract Awarded.

RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 5552 Golden Gate Avenue.
Two-story frame and stucco residence (6 roooms).
Owner — May A. Buckley, 11 Blair Ave., Piedmont.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland.

To Be Done By Day's Work.

RESIDENCE Cost, $5000
SAN FRANCISCO. NE Twenty-sixth Ave. and Rivera Street.
One-story and basement frame and stucco residence.
Owner & Builder—Arco Bldg. Co., 4708 Mission St., San Francisco.
Architect—Not Given.

Plans Being Figured—Bids Close Apr. 8, 1 P. M.

RESIDENCE Cost, $——
SAN MATEO, San Mateo Co., Calif.
Two-story and basement frame residence (10 rooms, 4 baths) cement plaster exterior, shingle tile roof, gas heating system, oak floors.
Owner—Mrs. F. B. Hussey.
Architect—Gardner A. Dalley, 210 Post Street, San Francisco.

To Be Done By Day's Work.

RESIDENCE Cost, $5000
SAN FRANCISCO. E Thirty-third Ave. S Rivera Street.
One-story and basement frame and stucco residence.
Owner & Builder—C. O. Blincoe, 2663 15th Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.

RESIDENCE Cost, $4000
SAN FRANCISCO. N Shafter St. 50 W. Ingalls St.
One-story and basement frame and stucco residence.
Owner and Builder—Marshall T. Struthers, 4250 Mission St., San Francisco.
Architect—Not Given.

Contract Awarded.

RESIDENCE Cost, $9056
CARMEL, Monterey Co., Cal. Scenic Drive.
Two-story frame residence.
Owner—L. Jorgenson, Carmel.
Architect — Clarence A. Tantau, Shreve Bldg., San Francisco.
Contractor — James and Fred Ruhl, Carmel.

To Be Done By Day's Work.

RESIDENCE Cost, $6500
SAN FRANCISCO. E Almaden Court N Anza Street.
One-story and basement frame and stucco residence.
Owner and Builder—H. C. Hogrife, 359 24th Ave., San Francisco.
Architect — John Davis Young, 2202 California St., San Francisco.

Plans Being Figured.

RESIDENCE Cost, $6000
STOCKTON, San Joaquin Co., Calif. Five miles out of Stockton.
One-story and basement frame and stucco residence (5 rooms) shingle roof, wood sash, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—Donald Phitts.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Bid opening date will be announced shortly.

Contract Awarded.

RESIDENCE Cost, $12,000
STOCKTON, San Joaquin Co., Calif. Country Club Blvd.
Two-story and basement frame and stucco residence (8 rooms and 2 baths) heavy shingle roof, gas furnace, steel sash, tile baths, hardwood floors, etc.
Owner—Omitted.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Contractor — W. J. Scott, 1661 W. Poplar St., Stockton.

To Be Done By Day's Work.

RESIDENCES Cost, $5000 each
SAN FRANCISCO. E 38th Ave. S Judah Street.
Five one-story and basement frame and stucco residences.
Owner and Builder—H. H. Isaac, 517 Belvedere St., San Francisco.
Architect — S. A. Colton, 544 Market St., San Francisco.

Planned.

RESIDENCES Cost, $4000 & $4500
EAST SAN MATEO, San Mateo Co., Cal. W North Fremont St., bet. Santa Inez and Indian Aves.
Group of 100 one-story and basement frame and stucco residences (5

rooms each) Monterey & Spanish style of architecture.
Owner and Builder—Cicerone Co., 1101 Potrero Ave., San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco.

March 31, 1936

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. E 12th Avenue S Moraga Street.
One-story and basement frame and stucco residence.
Owner and Builder—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Twenty - third Ave. N Lawton Street.
One-story and basement frame and stucco residence.
Owner and Builder—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Thirtieth Ave. N Ulloa Street.
Two one-story and basement frame & stucco residences.
Owner & Builder—Bernhardt & Cowen, 924 Taraval St., San Francisco
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Eleventh Ave. N Lawton Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—M. McDonough, 149 Randall St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. E Twenty-sixth Ave. N Rivera Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—Arco Bldg. Co., 4708 Mission St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. W Moneta Way N Farragut Street.
Two-story and basement frame and stucco residences.
Owner and Builder—Martin Sheldon, Monadnock Bldg., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. N Farragut St. W Moneta Way.
One-story and basement frame and stucco residence.
Owner and Builder—Rulodph Mohr & Sons, 4482 Mission Street.
Architect — Martin Sheldon, Monadnock Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 1207 Francisco.
One-story and basement frame and stucco residence (5 rooms).
Owner—G. Ottino.
Plans by C. J. Sherwood, 1359 Marin Ave., Berkeley.
Contractor—J. Faranla, 827 Madison St., Albany.

Contract Awarded.
RESIDENCE Cost, $4500
STOCKTON, San Joaquin Co., Calif. No. 1745 So. California Street.
One-story and basement frame and brick veneer residence.
Owner—J. P. Ecker.
Architect—Not Given.
Contractor—Ecker Bros., Rt. 1, Box 15, Stockton.

Contract Awarded.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Calif. No. 921 W. Harding Way.
One-story and basement frame and stucco residence (5 rooms).
Owner—Otto H. Dander.
Architect—Not Given.
Contractor—F. Paul Dobson, 1150 W. Harding St., Stockton.

Contract Awarded.
RESIDENCE Cost, $6000
SACRAMENTO, Sacramento Co., Cal. 2726 12th Street.
Two-story frame and stucco residence
Owner—W. P. Rouse, 1024 Fremont St., Sacramento.
Architect—Not Given.
Contractor—Chas. Mabrey, 2123 36th St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $6000
SACRAMENTO, Sacramento Co., Cal. No. 1620 Third Avenue.
Two-story frame and stucco residence.
Owner—Jack Schacht.
Architect—Not Given.
Contractor—J. M. Burroughs, Rt. 5, Box 668-A, Sacramento.

Contract Awarded.
RESIDENCE Cost, $4000
BERKELEY, Alameda Co., Cal. 1800 Block Arch Street.
One and one-half-story frame and stucco residence (4 rooms).
Owner—C. Hewitt, 68 Plaza Drive, Berkeley.
Architect—Not Given.
Contractor—B. Reinninghaus, 117 El Camino Real, Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 2506-2520 Castello Street.
One-story and basement frame and setucco residence (6 rooms).
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.

Contract Awarded.
RESIDENCE Cost, $4500
OAKLAND, Alameda Co., Cal. No. 2920 E-Nineteenth Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—Dora Rebaghtati.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.

Sub-Contracts Awarded
ADDITION Cost, $7,300
STOCKTON, San Joaquin Co., Calif.
Five-story elevator and barley rolling and corn cracking addition to mill (40-feet square) wood frame and galvanized iron construction.
Owner — Poultry Producers' Association of Central California (R. S. Cannon, Manager).
Plans by Engineering Dept. of Owner.
Contractor—T. W. Williamson, P. O. Box 93, Stockton.
Corrugated Iron—Turner Hdwe. Co.
Structural Steel & Miscellaneous Iron—Valley Steel Works.
Lumber—San Joaquin Lbr. Co., Stockton.
Reinforcing Steel—Kyle & Co., Stockton.
Steel Sash—Turner Hardware & Implement Co., Stockton.
Concrete—D. J. DePauli, Stockton.
Wood Sash—Acme Mfg. Co., Stockton
Hardware—Turner Hardware & Implement Co., Stockton.

Plans Being Figured
RESIDENCE Cost, $6,000
STOCKTON, San Joaquin Co., Calif. West Moore's Addition.
One-story frame and stucco residence (five rooms) shingle roof, gas furnace, steel sash, hardwood floors.
Owner—American Legion Post No. 16.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Bid opening date will be set shortly.

Sub-Contracts Awarded
RESIDENCE Cost, $——
ROSS, Marin Co., Calif.
Two - story wood, board and batten residence (Early California Type) 10 rooms and 4 baths; split shake roof, wood sash, oil burning heating system, hardwood floors, tile baths, etc.
Owner—Oscar Heuter.
Architect—Harold Stoner, 41 Sutter St. San Francisco.
Contractor—Sherwood Const. Co., 39 Sutter St., San Francisco.
Plumbing—E. Ongaro, Fairfax.
Sheet Metal—S. Knoles, San Anselmo.
Wood Sash—Acme Manufacturing Co.

Contract Awarded.
RESIDENCE Cost, $6000
SACRAMENTO, Sacramento Co., Cal. NO. 1111½ W Street.
Two-story frame and stucco residence
Owner—Sam Campagna.
Architect—Not Given.
Contractor—Joseph Pedone, 914 S St., Sacramento.

Sub-Contracts Awarded
RESIDENCE Cost, $35,000
PIEDMONT, Alameda Co., Cal. Seaview Avenue.
Two - story and basement, frame and brick veneer residence (12 rooms, 6 baths) shingle tile roof, gas hot air heattng system, tile baths, hardwood floors, etc.
Owner—Mr. Catlin.
Architect—Fred Reimers, 233 Post St., San Francisco.
Contractor—Frek K. DuPuy, 110 Sutter St., San Francisco.
Electric Wiring—College Ave. Electric Co., 2917 College Ave., Berkeley.
Lumber—Hogan Lumber Co., Second and Alice Sts., Oakland.
Masonry—Wm. Rainey and Son, 323 Clementina St., San Francisco.
Mill Work—Anderson Bros. Planing Mill, Quint and Custer Sts., San Francisco.
Ornamental Iron—Romak Ornamental Iron Works, 915 18th St., Oakland.
Plumbing—Scott Co., 113 Tenth Street Oakland.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.

Sub-Contracts Awarded
RESIDENCE Cost, $5,000
LOS ALTOS, Santa Clara Co., Calif. Los Altos Golf and Country Club.
One - story frame residence and garage.
Owner—Prof. Lewis M. Terman, 761 Dolores St., Palo Alto.
Architect—Charles K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor—Carroll Da Mant, 137 Donohoe St., Palo Alto.
Roofing—W. Davis, Palo Alto.
Plumbing—Ivan Malott, Palo Alto.
Electric Wiring—R. Midgley, Palo Alto
Sheet Metal — Spangler Sheet Metal Works, Palo Alto.
Brick Work—Lobazzo and McKarkle, Palo Alto.
Lumber—Palo Alto Lumber & Roofing Co., Palo Alto.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco (Bruce Orris).
Concrete—Joe Emma, Palo Alto.

New Bids Wanted—To Close April 15, 4 P. M.
RESIDENCES Cost, $——
WATSONVILLE, Santa Cruz Co., Cal.
One - story and basement frame and stucco residence (5 rooms) tar and gravel roof, gas heating system,

hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
On previous bid opening lowest bid was submitted by Harry Carlsen, Watsonville.

Plans Being Prepared.
RESIDENCE Cost, $——
SAN FRANCISCO. St. Francis Wood
Two-story and basement frame and stucco residence (7 rooms and 2 baths).
Owner—Mr. Von Gelden.
Architect—L. A. Kruse, 251 Kearny St., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,500
HILLSBOROUGH, San Mateo County.
Two - story and basement frame and stuco residence (9 rooms, 2 baths) shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.
Contractor—H. T. Holscher, 325 Elm St., San Mateo.

Sub-Contracts Awarded.
RESIDENCE Cost, $8000
PALO ALTO, Santa Clara Co., Calif. No. 2460 South Court Street.
Two-story frame and stucco residence
Owner—E. J. Reed.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto.
Plumbing — Wallace & Stump, Mt. View.
Electric Wiring—H. Fendler, Menlo Park.
Heating and Sheet Metal — Stanford Sheet Metal Works, Palo Alto.
Tile Work—Bloomquist Tile Co., Redwood City.
Glass—Minton Lumber Co., Mountain View.
Brick Work—C. Mezzapelle, Palo Alto
Lathing and Plastering—E. Gardner, Menlo Park.
Lumber — Merner Lumber Co., Palo Alto.
Wood Sash—Minton Lumber Co., Mt. View.
Flooring—F. Backlund, Menlo Park.
Painting—J. Laine, Palo Alto.
Reinforcing Steel — Soule Steel Co., 1750 Army St., San Francisco.
Concrete—J. Emma and C. Bevona, Palo Alto.

Owner Taking Bids.
RESIDENCE Cost, $——
FORT BRAGG, Mendocino Co., Calif.
One-story and basement frame residence (five rooms) wood siding, shingle roof, wood sash, hardwood floors, etc.
Owner—Mr. Penitenti, Fort Bragg.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contract Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. No. 1285 Hamilton Avenue.
Two-story and basement frame and stucco residence.
Owner—George Berr, 1110 Balboa St., Burlingame.
Architect—Ed. Musson Sharpe, 525 Market St., San Francisco.
Contractor — Leadley & Leadley, 207 Second St., San Mateo.

Contract Awarded
RESIDENCE Cost, $6,000
PALO ALTO, Santa Clara Co., Calif.
Two-story frame residence (six rooms, 2 baths) Redwood siding, shingle roof, gas heating system, wood sash, hardwood floors, tile baths)
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—A. E. Orton, 151 Harriet Ave., Palo Alto.

Plans Being Prepared
RESIDENCE Cost, $8,500
SAN FRANCISCO. Maywood Drive.
Two - story and basement frame and stucco residence (7 rooms, 2 baths) shake tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc. (Monterey-Colonial style).
Owner and Builder—Paul Wolter, 72 Fernwood Drive.
Architect—Conrad Kett, 519 California Street.

To Be Done By Day's Work
RESIDENCE Cost, $——
SAN FRANCISCO. St. Germain Ave. (Clarendon Heights).
Two - story and basement frame and stucco residence (6 rooms and 2 baths) tile roof, gas heating system, hardwood floors, tile baths.
Owner—Sherman D. Gardner.
Architect—M. J. Rist, Phelan Bldg.
Work will be done under the supervision of the architect.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN FRANCISCO. S Hazelwood E Yerba Buena Ave.
One-story and basement frame and stucco residence.
Owner and Builder—Adolph Anderson, 230 Hazelwood St., San Francisco.
Architect—Charles Strothoff, 2274 15th St., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, $9000
BURLINGAME HILLS, San Mateo Co., Cal. Hillside and Valdeflores Streets.
Two-story and basement frame and stucco residence.
Owner—C. J. Korinck.
Architect—Not Given.
Conracor—G. W. Williams, 315 Primrose Road, Burlingame.
Plumbing—Harry Lee, 220 California Dr., Burlingame.
Sheet Metal — Izmirian Sheet Metal Works, Railroad Ave., San Mateo
Tile Work—Roy Hoghton, Rt. 2, Box 102 Redwood City.
Glass—Peninsula Glass Co., San Mateo
Painting—George Ames, 408 Howard Ave., Burlingame.

Sub-Bids Being Taken.
RESIDENCE Cost, $5000
SAN FRANCISCO. Merced Manor.
One-story and basement frame and stucco residence (6 rooms and 2 baths) English style; slate roof, gas heating system, steel & wood sash, hardwood floors, tile baths, etc.
Owner and Builder — James McCabe, 716 Ulloa St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $——
SAN MATEO, San Mateo Co., Calif.
Two-story and basement frame residence (10 rooms, 4 baths) cement plaster exterior, shingle tile roof, gas heating system, oak floors, etc.
Owner—Mrs. F. B. Hussey.
Architect—Gardner A. Dalley, 210 Post St., San Francisco.
Following will submit bids:
G. H. Meese, 1401 Floribunda Ave., Burlingame.
Lindgren & Swinerton, 225 Bush St., San Francisco.
F. S. Marshall, 799 Ashbury St., San Francisco.
G. P. W. Jensen, 320 Market St., San Francisco.
Jacks & Irvine, 620 Market St., San Francisco.

Contract Awaarded.
RESIDENCE Cost, $——
ORINDA, Contra Costa Co., Calif.
Two-story wood, plaster and brick residence (five rooms) shake roof, oil heating system, hardwood floors tile bath, etc.
Owner—Jos. Blum.
Architect—J. L. Confer, 2812 Russell St., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Preparing Working Drawings.
RESIDENCE Cost, $150,000
SONOMA COUNTY, Cal. Between Santa Rosa and Sonoma.
Two-story and basement stone residence(25 rooms, 15 baths) Farm House English style; slate roof, air conditioning system, electric refrigeration, etc.; three, two-room and bath guest cottages, swimming pool, dressing rooms, etc.
Owner—Withheld.
Architect — Williams & Wastell, 374 17th St., Oakland.

Preparing Working Drawings.
RESIDENCE Cost, $14,000
PIEDMONT, Alameda Co., Cal. St. James Wood.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.) Early California Spanish Type.
Owner—Withheld.
Architect — Williams & Wastell, 374 17th St , Oakland.

Sub-Bids Being Taken.
RESIDENCE Cost, $8,000
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.
Two - story and basement frame and stucco residence (7 rooms and 2 baths) shake roof, gas heating system, hardwood floors, tile baths steel sash, etc.
Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Plans Being Prepared
RESIDENCES Cost, $7,000 each
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd.
Two two-story frame and stucco residences (6 rooms, 2 baths each) shingle roof, steel sash, tile baths, hardwood floors, gas heating system, etc.
Owner and Builder—Randolph Parks, 1847 Yosemite St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Construction To Start Shortly
RESIDENCE Cost, $6,500
CONCORD, Contra Costa Co., Calif.
Two-story frame and stucco residence (English style) 7 rooms, 2 baths; gas heating system, hardwood floors, tile baths, etc.
Owner—Miss Josephine Giselhart.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Selected, Name Withheld.

Contract Awarded
RESIDENCE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. College Tract.
Two - story frame and brick veneer residence (shake roof, gas furnace steel sash, hardwood floors, tile roof, etc.)
Owner—J. V. Hinds.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. C. Rodgers, 111 Fernley Ave., North Sacramento.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. W Dunsmuir N Silver Avenue.
Three one-story and basement frame and stucco residences.
Owner and Builder—Heyman Brothers 742 Market Street.
Plans by Owners.

Contract Awarded
RESIDENCE Cost, $12,000
SAN MATEO, San Mateo Co., Calif. Costa Rica.
Two - story and basement frame and stucco residence.
Owner—Suburban Builders, Inc.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN MATEO, San Mateo Co., Calif. Lot 17, Block 4, 16th Avenue.
One - story and basement frame and stucco residence.
Owner and Builder—E. S. Shaver, 2600 Easton, San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4000
SAN MATEO, San Mateo Co., Calif. South Humboldt.
One - story and basement frame and stucco residence.
Architect—Not Given.
Contractor—J. H. Clifford, 110 South Humboldt, San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $——
BURLINGAME, San Mateo Co., Cal. Concord Way.
One - story and basement frame and stucco residence.
Owner and Builder—J. B. Oswold, 760 El Cerrito, Burlingame.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
BURLINGAME, San Mateo Co., Cal. Lot 8 Blk 2, Chapin.
Two - story and basement frame and stucco residence.
Owner — Dr. Frank D. Lorenz, 421 Williams Place.
Architect—Not Given.

Road Contract Awarded.
RESIDENCES Cost, $4000 each
REDWOOD CITY, San Mateo County. Cal. One mile south on Bayshore Highway.
Five one-story and basement frame stucco residences (5 rooms each).
Owner and Builder—Friend Realty Co. 625 Market St., San Francisco.
Architect—Not Given.
Macadam Roadwork—Palo Alto Road Materials Co., Palo Alto.
Sub-bids are being taken on all other portions of the work.

Contract Awarded
RESIDENCE Cost, $7,000
ALAMEDA, Alameda Co., Calif. 1737 Moreland Drive.
One - story and basement frame and stucco residence (six rooms).
Owner—P. H. Gerke, 8006 Hillside Ave., Oakland.
Architect—Not Given.
Contractor—George Duncan, 2523 78th Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Forty-third Ave. N Anza Street.
One-story and basement frame and stucco residence.
Owner and Builder—Charles Smith, 866 36th Ave., San Francisco.
Architect—Not Given.

Construction To Start Shortly.
RESIDENCES Cost, $6000 & $7000
WOODLAND, Yolo Co., Cal. Beamer Park (10 Acre Tract.
Group of 46 one and two-story frame and stucco residences.
Owner and Builder — J. G. Motroni, Woodland.
Architect—Not Given.

Plans Being Prepared.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One-story and basement frame and stucco residence (5 rooms).
One-story and basement frame and stucco residence (5 rooms). shake roof, gas heating system, hardwood floors, wood sash, tile baths, etc.
Owner and Builder—Bruce Sweney, 700 Costa Rica Ave., San Mateo.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contract Awarded.
RESIDENCE Cost, $15,000
SAN FRANCISCO. Sherwood Forest
Two-story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, gas hot air heating system, wood sash, hardwoodo floors, tile baths, etc.
Owner—Mr. Ward.
Architect — Martin J. Rist, Phelan Bldg., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

Plans Being Refigured.
RESIDENCE Cost, $6500
CONTRA COSTA COUNTY, Calif. Moraga Valley.
One and one-half-story frame and stucco residence (6 rooms and 2 baths) tile roof, steel sash, hardwood floors, tile baths, etc.
Owner—Herbert Hauser.
Architect—Guy L. Brown, American Bldg., Oakland.
New bids are being taken from Reite & Shaw and J. Petersen & Sons Oakland.
On previous bid opening lowest bid was submitted by Reite & Shaw at $9875.

March 27, 1936

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 691 Rosemount Road.
Two-story and basement frame and stucco residence (8 rooms).
Owner — Frank D. Chambers, 1428 Franklin St., Oakland.
Architect—C. H. Trelchel, 696 Cleveland St., Oakland.
Contractor—David Nordstrom, 4150 Emerald St., Oakland.

Contract Awarded.
RESIDENCE Cost, $3190
SAN MATEO, San Mateo Co., Calif. No. 205 Eighth Avenue.
One-story and basement frame and stucco residence.
Owner—Walter V. von Bergman, 205 8th Ave., San Mateo.
Architect—Not Given.
Contractor—California Constr. Co., % Owner.

Contract Awarded.
RESIDENCE Cost, $5400
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One-story frame and stucco residence
Owner — Leslie C. Barrett et al, 282 Sulvan Ave., San Mateo.
Plans by Hugh Kirk.
Contractor — Schultz Constr. Co., 1 Hillcrest Blvd., Millbrae.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN MATEO COUNTY, Cal. Fifth & Hoover Sts. in Friendly Acres.
One-story frame and stucco residence
Owner & Builder—Harry Friend, 1450 Belleveue Ave., San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,600
SAN MATEO COUNTY, Cal. Lot 1, Block 3, Hayward Addition.
Two-story frame and stucco duplex residence.
Owner—Walter B. von Bergman, et al, 205 8th Ave., San Mateo.
Architect — Ed. Musson Sharpe, 525 Market Street, San Francisco.
Contractor—California Const. Co., % owner.

Planned
RESIDENCES Cost, $——
MARYSVILLE, Yuba County, Calif. Schimpf lands.
Subdivide tract for residences.
Owner—Marysville Group, headed by Gene Gray.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.

Contract Awarded
RESIDENCES Cost, $5,000 each
OAKLAND, Alameda Co., Calif. 1514-1516 67th Avenue.
Two one - story and basement frame and stucco residences.
Owner—Florence Lilienthal, 604 53rd St., Oakland.
Architect—Not Given.
Contractor—Thos. O. Reese, 618 Victoria St., San Leandro.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 4229 Atlas Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—L. S. Pratt, 1006 E 14th St., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 5109 Proctor Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—S. P. Tate, 5317 Broadway, Oakland.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. No. 1415 Ada Street.
One-story and basement frame and stucco residence (five rooms).
Owner and Builder—J. A. Stroud, Jr., 370 17th St., Oakland.
Architect—C. H. Trelchel, 696 Cleveland St., Oakland.

Contract Awarded
RESIDENCE Cost, $4,000
BERKELEY, Alameda Co., Calif. 2525 Hillcourt.
One-story frame and stucco residence (four rooms).
Owner—M. D. Merrill, 1544 LeRoy, Berkeley.
Architect—Not Given.
Contractor—J. A. Altermatt, 243 Taurus St., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. No. 1345 Queens Road.
Two-story and basement frame and stucco residence (8 rooms).
Owner—M. O'Brien, 1028 Cragmont Ave., Berkeley.
Plans by Wm. M. Pierson, 90 Quail Ave., Berkeley.
Contractor—Ed. Larmer, 90 Fairview Ave., Oakland.

March 27, 1936

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 201 32nd Avenue.
Alterations to residence.
Owner—G. W. Mountford, Premises.
Architect—Not Given.
Contractor—J. F. Linder, 617 Moraga Street.

Plans Being Prepared
RESIDENCE Cost, $——
SAUSALITO, Marin Co., Calif.
One-story rustic and stucco residence (five rooms) shingle roof, paneled and plasterer interior, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Fabre and Hildebrand, 110 Sutter St., San Francisco.
Bids will be asked within one week.

Plans Being Prepared.
RESIDENCE Cost, $6,000
STOCKTON, San Joaquin Co., Calif. Five miles out of Stockton.
One - story and basement frame and stucco residence (5 rooms) shingle roof, wood sash, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—Donald Phitts.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.

Sub-Contracts Awarded
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Montclair Highlands Extension.
Two-story frame and stucco residence (six rooms and recreation room) English style, shake roof, gas heating system, hardwood floors.
Owner—Syndicate Merriewood.
Architect—Earl MacDonald, 3812 Broadway, Oakland.
Carpentry—Albert Church, 3536 Allendale Ave., Oakland.
Excavation and Concrete—S. Guintoli, Premises.
Mill Work — Pacific Mfg. Co., Santa Clara.
Masonry—Henry Koenig, 4420 Ygnacio Ave., Oakland.
Plumbing—W. H. Picard, 5656 College Ave., Oakland.
Wiring—O. A. Keyes, 3265 Liberty St., Alameda.
Heating and Sheet Metal—Harer-Perry Co., 5662 Keith Ave., Berkeley.
Lathing and Plastering—Murphy Bros. 2306 85th Ave., Oakalnd.
Tile and Linoleum—Superior Tile Co., 3743 Broadway, Oakland.
Hardwood Floors—East Bay Hardwood Floor Co., 2312 Oregon St., Berkeley.
Canvas Deck—Kronke-Brampton Co., 3212 San Pablo Ave., Oakland.
Painting & Papering—Burger & Moll.
Steel Sash—Cobbledick - Kibbe Glass Co., Washington at Third Street, Oakland.

Plans Being Completed
RESIDENCE Cost, $6,000
STOCKTON, San Joaquin Co., Calif. West Moore's Addition.
One-story frame and stucco residence (5 rooms) shingle roof, gas furnace, steel sash, hardwood floors.
Owner—American Legion Post No. 16.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Bids will be asked within 1 week.

Contract Awarded
RESIDENCE Cost, $8,000
OAKLAND, Alameda Co., Calif. 2309 Bywood Drive.
Two-story frame and stucco residence (7 rooms).
Owner—Grace S. Hardwood, 3514 Lyon Ave., Oakland.
Architect—Not Given.
Contractor—W. P. Harwood, 3514 Lyon Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5500
SAN FRANCISCO. W Aptos S Upland Drive.
One-story and basement frame and stucco residence.
Owner—Lucille Campbell.
Architect—Not Given.
Contractor — Henry Erickson, 972 Chenery St., San Francisco.

Sketches Being Prepared
SORORITY HOUSE Cost, $40,000
BERKELEY, Alameda Co., Cal. Channing Way.
Two-story frame, stucco and brick sorority house.
Owner—Gamma Phi Beta, 2732 Channing Way, Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.

Plans Being Completed
RESIDENCE Cost, $4,000
SAN FRANCISCO. Monterey Heights
One - story and basement frame and stucco residence (5 rooms) shingle tile roof, wood sash, hardwood floors, gas heating system, tile baths, etc.
Owner—Mr. Greenwood.
Architect—D. E. Jaekle, 126 Post St.
Bids will be asked within one week.

Preparing Working Drawings
RESIDENCE Cost, $4,500
SAN FRANCISCO. 27th and Ulloa Sts.
One - story and basement frame and stucco residence (6 rooms and 2 baths) shingle tile and composition roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. Haisen, 2427 25th Ave.
Architect—D. E. Jaekle, 126 Post St.

Plans Being Figured—Bids Close Apr. 9, 5 P. M.
RESIDENCE Cost, $8000
SAN FRANCISCO. Twenty-seventh Ave. near El Camino del Mar.
Two-story frame residence (7 rooms 2 baths) asbestos shingle siding on walls, asbestos shingle roof, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. D. M. Campbell.
Architect—Arnold Constable, 580 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. La Salle Avenue.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) shingle roof, gast heating system, steel and wood sash, hardwood floors, tile baths, etc. (2-car garage).
Owner—Withtheld.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland.

Contract Awarded
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
One - story and basement frame and stucco residence (five rooms) split shingle roof, gas heating system, hardwood floors, tile bath, wood and steel sash, etc.
Owner—St. Clair Deverceaux, Stockton
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Contractor—Wm. R. Ashworth, 1922 Center St., Stockton.

Plans Being Prepared.
RESIDENCE Cost, $15,000
GRASS VALLEY, Nevada Co., Calif.
Two-story and basement frame and brick veneer residence (7 rooms, 3 baths) composition shingle roofing, gas heating system, steel sash, hardwood floors, tile baths; 3-car garage.
Owner—A. B. Snyder.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Bids will be asked in about ten days.

Contract Awarded.
RESIDENCE Cost, $6000
BURLINGAME, San Mateo Co., Calif. Lot 32 Blk 6, Hale Drive.
One-story and basement frame and stucco residence.
Owner—Robert W. Higgins.
Architect—Not Given.
Contractor — W. O. Nicolaides, 218 Peninsula Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $5500
SAN MATEO, San Mateo Co., Calif. Lot 5 Blk 4, Delmar Way.
One-story and basement frame and stucco residence.
Owner—Peter W. Runstalder.
Architect—Not Given.
Contractor — San Mateo Investment Co., 2562 So. El Camino Real, San Mateo.

Contract Awarded.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Lot 4 Blk 13, Castillian Way.
One-story and basement frame and stucco residence.
Owner——Clarence Olsson.
Architect—Not Given.
Contractor — San Mateo Investment Co., 2562 So. El Camino Real, San Mateo.

Contract Awarded.
RESIDENCE Cost, $14,000
SAN MATEO, San Mateo Co., Calif. No. 2083 Third Avenue.
Two-story and basement frame and stucco residence.
Owner—Willard C. Clark.
Architect—Not Given.
Contractor—H. E. Winfrez, 442 Hacienda Drive, Lomita Park.

Contract Awarded
RESIDENCE Cost, $10,400
PIEDMONT, Alameda Co., Calif. Upper Piedmont Estates.
Two - story and basement frame and stucco residence (8 rooms and 3 baths).
Owner—Dr. Harold Morse.
Architect—J. K. Ballantine, Jr., 127 Harlan Place, San Francisco.
Contractor—T. D. Courtright, 349 51st St., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. No. 1345 Queens Road.
Two-story and basement frame and stucco residence (8 rooms).
Owner — M. O'Brien, 1028 Cragmont Ave., Berkeley.
Plans by Wm. M. Pierson, 90 Quail Ave., Berkeley.
Contractor—Ed. Larmer, 90 Fairview Ave., Oakland.
Electric Wiring — F. W. Parkhurst, 6432 Pinehaven Road, Oakland.
Brick Work—Gardner Marshall, 3142 High St., Oakland.
Steel Sash — Gleason Steel Products Co., 1310 63rd St., Emeryville.
Concrete — F. Salamid, 5350 Manila Ave., Oakland.
Reinforcing Steel — Beatie Steel & Supply Co., 1650 32nd St., Oakland

Contract Awarded
RESIDENCE Cost, $18,000
VALLEJO, Solano Co., Calif. Vista de Vallejo.
Two - story and basement frame and stucco residence (9 rooms and 4 baths) tile roof, canvas walls, tile baths, steel sash, watertight hard-

ware, oak floors, electric heating system (to be installed by owner)
Owner—Dr. E. J. Casper.
Architect—Chas. E. J. Rogers, Phelan Building, San Francisco, and Casa de Vallejo Hotel, Vallejo.
Contractor — Arthur Erickson, 1304 Sutter St., Vallejo.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Twenty - fifth Ave. S Kirkham Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—E. E. Manseau, 1439 29th Ave., San Francisco.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $12,000
PALO ALTO, Santa Clara Co., Calif. 1176 Forest Avenue.
Two - story and basement frame and stucco residence.
Owner—Mrs. Winifred M. MacDonald.
Architect—Not Given.
Contractor—W. F. Klay, 124 University Ave., Palo Alto. *

Contract Awarded
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Calif. 1881 Fulton Street.
One - story and basement frame and stucco residence.
Owner—Ervin Best, 247 Fulton St., Palo Alto.
Architect—Chas. A. Phillips, 526 Powell St., San Francisco.
Contractor—J. J. Cook, 1598 Hayes St., San Francisco. *

Sub-Contracts Awarded.
RESIDENCES Cost, $6000 & $7000
WOODLAND, Yolo Co., Cal. Beamer Park (10 Acre Tract).
Group of 46 one and two-story frame and stucco residences.
Owner and Builder — J. G. Motroni, Woodland.
Architect—Not Given.
Roofing—J. G. Motroni, Woodland.
Heating and Sheet Metal—J. Barth, Woodland.
Plumbing—J. G. Motroni, Woodland.
Tile Work—H. O. Adams, Sacramento
Iron Grille Work—Alling Iron Works, Sacramento.
Brick and Stone Work—J. G. Motroni, Woodland.
Wood Sash—Sierra Mill Lumber Co., Sacramento.
Hardware — Cranston Bros., Woodland.
Painting—J. G. Motroni, Woodland.
Flooring—Fosburg & Frose, Sacramento.
Terra Cotta—Cannon Co., Sacramento
Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, $12,000
SAN MATEO, San Mateo Co., Calif. Costa Rica Ave.
Two-story and basement frame and stucco residence.
Owner—Suburban Builders, Inc.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.
Glass—Peninsula Glass Co., 710 B St., San Mateo.
Lumber—Wisnom Lumber Co., 1000 Broadway, Burlingame.

Contract Awarded
RESIDENCE Cost, $7,100
SAN FRANCISCO. Forest Hill (Castenada Avenue).
Two-story frame and stucco residence (6 rooms) slate roof, air conditioning plant, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—N. J. Collitt.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—E. W. Perkins, 510 Stockton Street.

15— SCHOOLS

Sub-Contracts Awarded
SCHOOL Cont. Price, $39,487
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (six classrooms and gymnasium) steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Millwork—Hogan Lumber Co., Second and Alice Sts., Oakland.
Sheet Metal—Kindigs Sheet Metal, Santa Rosa.
Plumbing—Frank Davidson, 65 Chesley St., San Francisco.
Vault Door—Hermann Safe Co., 200 Howard St., San Francisco.
Blackboards—Rucker - Fuller Co., 539 Market St., San Francisco.
Windows—Universal Window Co., 950 Parker St., Berkeley.
Paint—C. W. Sullberg, Windsor.
Roofing—G. W. Davenport, San Rafael.
Excavation & Concrete—W. L. Proctor, Santa Rosa.

Contracts Awarded
GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One - story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect — Wm. Mooser, Monadnock
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Meyer Const. Co. 735 Portola Drive, San Francisco, $47,184.
Mechanical Work—M. J. Reeve,s 959 Natoma St., San Francisco, $12,699
Electric—United Electric Const. Co., 1190 Bryant St., San Francisco, $3,147.
Complete bids published March 31.

LOW BIDDER
LOS ANGELES, Calif.—William J. Shirley, 1724 S. Vermont Ave., submitted low bid to Los Angeles board of education at $55,990, for one-story building (unit No. 2) to be erected at 61st St. School, 6050 S. Figueroa St. A. S. Nibecker, Jr., architect, 1425 S. San Pedro St.

Plans Awaiting Approval
ADDITION Cost, $103,680
BAKERSFIELD, Kern Co., Calif.
Two-story reinforced concrete extension to library (plaster - acoustic exterior finish, metal lath, and plaster interior partitions, concrete floors, steam heating system Crane Company or equal plumbing goods, seasoned birch interior finish, tile roofing, etc.)
Owner — Kern County Union High School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishklan, 525 Market St., San Francisco.
Plans are awaiting approval of the State Disvision of Architecture, Sacramento.

Bids Wanted—To Close April 17th, 2 P. M.
ACADEMIC WING Cost, $——
TULARE, Tulare Co., Calif.
New academic wing at Tulare High School (9 classrooms, library, rest rooms, etc.)
Owner—Tulare High School Dist. (W. B. Knokey, Supt. of Schools).
Architect—W. D. Coates, Rowell Bldg. Fresno.

MATERIAL BIDS WANTED
BERKELEY, Alameda Co., Cal.—Until April 13, 5:15 P. M., material bids will be received by Clara F. Andrews, Secretary, Board of Education, Berkeley, for use in the rehabilitation of the Burbank Junior High School Boys' gymnasium. Materials are wanted as follows:
Lumber, millwork, plywood, bolts and washers, nuts and rods, plain steel rods, rough hardware, cement, concrete aggregate, fabricating, structural steel, structural steel, reinforcing steel and welding and miscellaneous equipment. *

Contract Awarded
GYMNASIUM Cont. Price, $17,700
MODESTO, Stanislaus Co., Calif.
Construct portion of girls' gymnasium at Modesto High School.
Owner—Modesto High School District
Architect—John J. Donovan, 950 Parker St., Oakland.
Contractor—H. Tennyson, 135 Poplar St., Modesto.

Preparing Preliminary Plans.
HIGH SCHOOL Cost, $50,000
JUNCTION CITY, Oregon.
One-story wood frame & brick veneer high school (7 rooms, gymnasium, showers and dressing rooms) (200x 130 feet); cedar shingle roof, low pressure steam heating system, acoustical trtatment, composition blackboards, hollow tile, lockers, wood sash, fan vent, etc.
Owner—Junction School District.
Architect—C. N. Freeman, Concord Bldg., Portland, Oregon.

Contract Awarded.
CHEMISTRY-PHAR. BUILDING Cost, $980,000
SEATTLE, Wash. Campus of University of Washington.
Four-story fireproof chemistry and pharmacy building.
Owner—University of Washington.
Architect — Naramore, Grainger & Thomas, Central Bldg., Seattle.
Consulting Architect—Bebb & Gould, Hoge Bldg., Seattle.
Contractor—Sound Constr. & Engr. Co., Northern Life Tower, Seattle.

LOW BIDDER
LOS ANGELES, Cal.—Wm. J. Shirley, 1724 S. Vermont Ave., submitted low bid to the Los Angeles board of education at $55,990, for one-story building (unit No. 2) to be erected at 61st Street school, 6050 S. Figueroa St. A. S. Nibecker, Jr., architect, 1425 S San Pedro St.

BIDS REJECTED
BALDWIN PARK, Los Angeles Co., Cal.—The Baldwin Park school district has rejected all bids received for the construction of an auditorium building on the Central school site in Baldwin Park, a PWA project. Samuel E. Lunden, 400 Rowan Bldg., architect.

LOW BIDDER
LOS ANGELES, Cal.—Wm. J. Shirley, 1724 S. Vermont Ave., submitted low bid to the Los Angeles board of education at $96,426 for a one-story assembly hall to be erected at Alexander Hamilton high school, 2955 Robertson Blvd., West Los Angeles. J. C. Austin and F. M. Ashley, architects, and G. H. Schulte, 6th floor, Chamber of Commerce Bldg., structural engineer; Ralph E. Phillips, 816 W Fifth St., mechanical engineer, and C. A. Sanborn & Co., 357 S Hill St., electrical engineers.

BONDS VOTED

SHANDON, San Luis Obispo Co., Cal. — Shandon Union Elementary School District voted bonds in the amount of $4000 March 21. Proceeds to finance construction of a school building in Shandon.

BIDS OPENED

LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E 18th St., submitted low bid at $2395 to the Los Angeles board of education for painting work at the Gulf Avenue school, 1196 Gulf Ave., Wilmington. Other bids were: H. Wasserman, $2412; J. P. Carroll, $2660; William Gelfan, $2700; Klaas Bros., $2871; H. J. McKinley, 2970.

BIDS OPENED

LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E 18th St., submitted low bid at $2638 to the Los Angeles board of education March 26, for painting work at the Orange Street school, 25,902 Eschelman Ave. Other bids were: Klaas Bros., $2680; H. Wasserman, $2817; Wm. Gelfan, $2830; J. P. Carroll, $2900; H. J. McKinley, 2990.

BIDS OPENED

LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E 18th St., submitted low bid at $4380 to Los Angeles board of education for painting work at the Wilmington Park school, 1140 Mahar Ave., Wilmington. Other bids were: J. P. Carroll, $4990; H. Wasserman, $5200; Wm. Gelfan, $5250; Klaas Bros. $5600; H. J. McKinley, $5640.

BIDS OPENED

LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E 18th St., submitted low bid at $3636 to Los Angeles board of education for painting work at the Leland Street school, corner of Leland and 22nd Sts., San Pedro. Other bids were: Wm. Gelfan, $3880; J. P. Carroll, $4545; H. Wasserman, $4580; Klaas Bros., $4800; H. J. McKinley, $5150.

BIDS OPENED

LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E 18th St., submitted low bid at $5436 to Los Angeles board of education for painting work at the Torrance high school, corner of Carson and Watson Sts., Torrance. Other bids were: H. J. McKinley, $5730 stipulates 20 days additional required; J. P. Carroll, $6152; H. Wasserman, $6152; Wm. Gelfan, $6360; Klaas Bros., $6490.

Preparing Working Drawings.

AUDITORIUM Cost, $125,000

SACRAMENTO, Sacramento Co., Cal. Sacramento Junior College.

Brick auditorium to seat 1500 at Sacramento Junior College (Four unit).

Owner—Sacramento School District.

Architect — Harry Devine, Cronan Bldg., Sacramento.

Bids will be asked in about two weeks.

CONTRACT AWARDED

WASCO, Kern Co., Calif.—Williams & Greenough, Bakersfield, awarded a contract by Wasco Union High School District, Kern County, at $13,994.82, for construction of the new agriculture building at Wasco high school. Edwin J. Symmes, architect, 215 Haberfeld Bldg., Bakersfield. The bids were Fisher & McNulty, $14,184 Midstate Const. Co., $14003.

CONTRACT AWARDED

LOS ANGELES, Calif.—D. Zelinsky & Sons, 1438 E 18th St., awarded contract at $3139, by Los Angeles board of education for painting and miscellaneous work on the administration (less 1925 portion) domestic science and shop buildings Nos. 1 and 2 at the David Starr Jordan high school, 2265 E 103rd St.

Bids Opened

GYMNASIUM Cost, $60,091

NEVADA CITY, Nevada Co., Calif.

One - story reinforced concrete gymnasium (lockers, showers, etc.)

Owner—Nevada City High School District.

Architect — Wm. Mooser, Monadnock Bldg., San Francisco.

Engineer—W. Adrian, 417 Market St., San Francisco.

Low bidders follow:

General Contract—Meyer Constr. Co., San Francisco, $47,184.

Heating and Plumbing—Reeves Heating Co., 959 Natoma Street, San Francisco, $12,699.

Electric — United Electric Co., San Francisco, $3,147.

Complete bids follow:

General Work

Meyer Bros., San Francisco.....$47,184
Moore & Roberts, San Francisco 51,000
Gould & Kane, Berkeley..... 53,076

Mechanical Work

M. J. Reeves, San Francisco.....$12,699
J. Pinkerton, San Francisco..... 12,988
Scott Co., San Francisco..... 13,990

Electric

United Electric Const. Co., San Francisco .....$ 3,147
N. C. Nicklassen, S. F..... 3,530
Spencer Electric Co., S. F..... 3,793

Bids held under advisement.

LOW BIDDER

WILMINGTON, Los Angeles Co., Cal.—D. Zelinsky & Sons, 1438 E 18th St., Los Angeles, submitted low bid to the Los Angeles board of education at $1936 for painting and miscellaneous work on Bldg. No. 1 at Fries Avenue school, 1301 Fries Ave., Wilmington.

LOW BIDDER

SAN PEDRO, Los Angeles County, Cal.—D. Zelinsky & Sons, 1438 E 18th St., Los Angeles, submitted low bid at $3469 for painting and miscellaneous work on Bldg. No. 1 at Fifteenth St. school, 1527 Mesa St., San Pedro.

LOW BIDDER

TORRANCE, Los Angeles County, Cal.—D. Zelinsky & Sons, 1438 E 18th St., Los Angeles, submitted low bid at $4432 for painting and miscellaneous work on the main building at Torrance elementary school, corner of 220th and Martina Sts., Torrance.

LOW BIDDER

LOS ANGELES, Cal.—R. J. Chute, 2506 W Santa Barbara Ave., submitted low bid to Los Angeles board of education at $54,491, for reconstruction, rehabilitation and strengthening of the main brick building at Yorkdale school 5657 Meridian St. C. K. Denman, 422 Washington Bldg., architect, and S. B. Barnes, 803 W Third St., structural engineer.

CONTRACT AWARDED

LOS ANGELES Cal.—W. G. Thompson, 336 Church St., San Francisco, awarded contract at $1198 by Los Angeles board of education for painting and miscellaneous work on the main building at San Gabriel Ave. school, 8628 San Gabriel Ave., South Gate.

LOW BIDDER

LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 East 18th St., Los Angeles, submitted low bid to the Los Angeles board of education, at $1384 for painting and miscellaneous work on the main building (less 1925 addition) at Pacoima school, 11,066 Norris Street, Pacoima.

Bids Wanted—To Close April 13, 7:30 P. M.

MANUAL TRAINING SHOP Cost, $——

MONTEREY, Monterey Co., Cal. Pacific Street.

One - story fireproof manual training shop (forge).

Owner — Monterey Elementary School District.

Architects—Roland Stringham and John Evers, 525 Market St., San Francisco.

Plans and specifications may be obtained at the office of the Superintendent of Elementary Schools, Brown Adobe Bldg., Monterey, upon deposit of $15.00.

Bids Wanted — To Close April 22, 7:30 P. M.

ADDITION Cost, $——

UKIAH, Mendocino Co., Calif.

Addition to elementary school (add 2 classrooms to rear of south wing of present building) wood frame and cement plaster exterior.

Owner—Ukiah Elementary School District (E. E. Walter, Clerk).

Architect—Not Given.

Plans and specifications on file with the Board of Trustees of the School District, Ukiah.

Bids Opened.

GYMNASIUM Cost, $——

MODESTO, Stanislaus Co., Calif. Roosevelt Elementary School.

Construct portion of boys' gymnasium at Roosevelt Elementary School.

Owner—Modesto City School District.

Architect—J. J. Donovan, 950 Parker St., Berkeley.

Low Bidder—L. Ubels, Ripon.

Complete bids follow:

L. Ubels, Ripon.....$15,090
(1) ded 630
(2) ded 650
(3) ded 280
(4) ded 95
(5) ded 740

H. Tennyson, Modesto..... 15,800
(1) ded 720
(2) ded 640
(3) ded 280
(4) ded 96
(5) ded 700

Bids held under advisement for a few days.

Bids Opened.

ADMINISTRATION BUILDING Cost, $125,000

FRESNO, Fresno Co., Cal. Mariposa and O Streets.

Two-story reinforced concrete school administration building.

Owner—Fresno School District.

Architect—Allied Architects of Fresno

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Complete bids follow:

General Work Including Mechanical and Electrical Work

Fisher & McNulty, Cory Bldg., Fresno $101,598.

Harris Construction Co., Fresno, $103,432.

Trewhitt Shields & Fisher, Fresno, $103,970.

Midstate Construction Co., Fresno, $107,493.

W. J. Ochs, Fresno, $108,281.

Mechanical Work

Barrett Hicks Co., 1027 Broadway, Fresno .....$ 9,943
B. A. Newman, Fresno..... 10,050
Frank Hudson, Fresno..... 10,093

Electrical Work

Robinson Elec. Co., 136 N. Van Ness Ave., Fresno.....$ 8,516
Wessel Electric Co., Fresno..... 8,600
Elec. Constr. Co., Fresno..... 9,392

Bids held under advisement.

LOW BIDDER

LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 East 18th St., Los Angeles,

submitted low bid to the Los Angeles board of education at $600 for painting and miscellaneous work on the shop building at Canoga Park high school, 6850 Topango Canyon Blvd., Canoga Park.

LOW BIDDER
LOS ANGELES, Cal.—J. P. Carroll, 218 N. Juanita St., Los Angeles, submitted low bid to Los Angeles board of education at $2489, for painting and miscellaneous work on the north and south wings of the main building at San Fernando elementary school, corner of Mission Blvd. and Mott St., San Fernando.

CONTRACT AWARDED
SAN BERNARDINO, Calif.—Martin Green, 288 W 17th St., San Bernardino awarded contract by the San Bernardino board of education at $38,769, for construction of new Ramona junior high school building, a PWA project. Howard E. Jones, 518 Andreson Bldg., San Bernardino, architect.

LOW BIDDER
LOS ANGELES, Cal.—H. J. McKinley, 9305 Burton Way, Beverly Hills, submitted low bid to Los Angeles board of education at $2880 for painting and miscellaneous work on shop and administration buildings at Lafayette junior high school, 1515 E 14th Street.

LOW BIDDER
VAN NUYS, Los Angeles Co., Cal. —New Deal Decorators, 4125 S Figueroa St., Los Angeles, submitted low bid to Los Angeles board of education at $1770, for painting and miscellaneous work on new administration building at Van Nuys high school, 6535 Cedros Ave., Van Nuys.

CONTRACT AWARDED
SAN PEDRO, Los Angeles Co., Cal. —Pacific Realty & Building Co., 433 E Broadway, Long Beach, awarded a contract at $104,928 by the Los Angeles board of education for the reconstruction, rehabilitation and strengthening of Units No. 1 and No. 2 at Barton Hill school, 423 N Pacific Ave., San Pedro. Clement B. Lewis, 333 W Sixth St., San Pedro, architect; Murray Erick, 811 W Seventh St., Los Angeles, structural engineer.

LOW BIDDER
LOS ANGELES, Cal.—William Gelfan, 646 S. La Brae Ave., Los Angeles, submitted low bid to Los Angeles Board of Education, at $3525, for painting and miscellaneous work on the main building (less auditorium section) and the east building at Point Fermin School, 3333 Kerckhoff Ave., San Pedro.

CONTRACT AWARDED
LOS ANGELES, Cal.—Jack Ewins, 255 Stanton Ave., Pasadena, awarded contract at $1475 by the Los Angeles board of education for painting and miscellaneous work on annex building at the South Park school, 455 E Manchester Avenue.

CONTRACT AWARDED
SANTA ANA, Orange Co., Calif.—Means, Ball & Honer, 103 E Third St., Santa Ana, awarded contract by Santa Ana board of education at $69,987 (subject to the approval of the PWA) for the construction of Unit E, a one-story classroom building, to be erected at the high school site at Santa Ana. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects.

LOW BIDDER
LOS ANGELES, Cal.—Wm. J. Shirley, 1724 S. Vermont Ave., submitted low bid to Los Angeles board of education at $96,426, for a one-story reinforced concrete and brick assembly hall, to be erected at Alexander Hamilton high school, 2955 Robertson Blvd. West Los Angeles. John C. Austin and F. M. Ashley, architects, G. H. Schulte, 6th floor, Chamber of Commerce Bldg., structural engineer; R. E. Phillips, 816 W Fifth St., mechanical engineer, and C. A. Sanborn and Co., 357 S Hill St., electrical engineers.

Contract Awarded.
SCHOOL Cont. Price, $63,390
OAKLAND, Alameda Co., Cal. Monticello and Fleming Aves.
Structural alterations to Maxwell Park School (16 classrooms).
Owner—Oakland School District.
Architect — W. G. Corlett, Oakland Board of Education.
Contractor — Carl N. Swenson, 355 Stockton Ave., San Jose.
Complete bids published March 25.

New Bids Wanted—To Close April 22, 2:30 P. M.
SHOPS Cost, $——
SAN FRANCISCO. Fillmore St. bet. Bay and Chestnut Streets.
Machine shops at the Marina Junior High School.
Owner—City and County of San Francisco.
Architects—George Kelham, 315 Montgomery St.; W. P. Day, Financial Center Bldg., and John Bakewell, Jr., 251 Kearny Street.
Bids are being taken as follows:
General work, including mechanical and electric: Est. Cost, $220,000; Deposit for plans, $100.
General work only: $188,000; $50.
Mechanical equipment and plumbing $24,000; $25.
Electric: $8,000 $25.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, city hall.
Bids previously received were reported Dec. 19.

BIDS WANTED
SAN FRANCISCO.—Until April 15, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, for the installation of blackboards in the following schools:
Excelsior School: Excelsior Avenue and London Street.
Andrew Jackson School: Grove St. between Clayton and Cole.
Grattan School: Schrader Street between Alma and Grattan.
F. J. McCoppin: Seventh Ave. bet. Balboa and Cabrillo.
Commodore Sloat School: Junipera Serra Blvd. between Darien Way and Ocean Avenue.
Estimated cost, $15,000.
Plans may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $15.00.

16—BANKS, STORES AND OFFICES

Plans Being Completed
ADDITIONS, ETC. Cost, $60,000
SAN RAFAEL, Marin Co., Calif. B and Fourth Streets.
Alterations to the present building and addition of new annex, 42x45-feet; 1-story steel and brick construction, plain and ornamental plaster, tile and terra cotta exterior, marble counters, composition roofing, metal windows, new steam heating plant, air conditioning system, marble and linatile floors, bronze fixtures, cabinet work, etc.
Owner—Bank of San Rafael (Wm. P. Murray, President).
Architect—H. H. Winner, Wordsworth Avenue, Ross.
Bids will be asked in about 2 weeks, and will probably be taken on a general contract with separate bids for tile, marble, bronze and electrical work.

Planned
ALTERATIONS Cost, $——
SAN MATEO, San Mateo Co., Calif. Third Ave. and San Mateo Drive.
Alterations for market, etc.
Owner—Pacific States Savings & Loan Assn., 745 Market St., San Francisco.
Architect—Not Selected.
Further details will be announced at a later date.

To Be Done By Day's Work.
ALTERATIONS Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Burlingame Avenue.
Alterations to store building (44 foot frontage.
Owner—F. W. Woolworth Co., Financial Center Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Work is being done by day's labor under the supervision of the owner.

Contract Awarded.
ADDITION Cost, $1500
STOCKTON, San Joaquin Co., Calif. 2384 E. Main Street.
Addition to store building.
Owner—A. K. Constantine.
Architect—Not Given.
Contractor — L. Bitterman, 2334 E. Church St., Stockton.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 3326 Mission Street.
Alterations to store building.
Owner—Martin Stelling Jr., Alexander Bldg., San Francisco.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.

To Ask Bids April 7
BANK & STORE Cost, $——
COLUSA, Colusa Co., Calif.
One - story reinforced concrete bank and store building (granite and terra cotta exterior, tile roof, air conditioning system, etc.)
Owner—Capitol Co., 625 Market St., San Francisco.
Plans by Construction Department of Owner.
Bids will be taken from a selected list of contractors only.

LOW BIDDER
LOMPOC, Santa Barbara Co., Cal.—H. R. Graham, 2301 Castillo St., Santa Barbara, submitted low bid at $63,-996 to Santa Barbara county supervisors for construction of a one- and two-story veterans' memorial building and county offices at Lompoc. The structure will be wood frame construction, tile and composition roofing, Oregon pine trim, maple, mastic and tile floors, gas steam radiators, water heaters, artificial stone, ornamental iron, steel windows, tile work, wall board, etc. Winsor Soule and J. F. Murphy, 116 E. Sola St., Santa Barbara, architects. The bids were held under advisement pending approval of the PWA.

Sub-Bids Wanted.
STORE Cost, $15,500
ALAMEDA, Alameda Co., Cal. No. 1533 Webster Street.
One-story reinforced concrete store building.
Owner—The Lurie Co., 333 Montgomery St., San Francisco.
Plans by George W. Cotterill, 4221 Horton St., Emeryville.
Contractor—Daley Bros., 4221 Horton St., Emeryville.
Sub-bids are wanted on the following:
Roofing, plumbing, electric wiring, sheet metal, glass, lathing and plastering, lumber, steel sash, concrete and reinforcing steel.

Plans Being Prepared
ADDITION Cost, $——
SAN FRANCISCO. Mission St. near Fifth.
Owner—San Francisco Remedial Loan Assn., 932 Mission Street.
Architect—Kent & Hass, 525 Market.
Mechanical Engineer—Hunter & Hudson, 41 Sutter Street.
Further details will be announced at a later date.

Preparing Preliminary Plans.
BANK AND STORE Cost, $100,000
BURLINGAME, San Mateo Co., Cal.
One-story reinforced concrete bank & store building.
Owner—San Francisco Bank, 526 California St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Further details will be announced at a later date.

Contract Awarded
ALTERATIONS Cost, $1,500
OAKLAND, Alameda Co., Calif. NE Eighth St. and Broadway.
Alterations to store building.
Owner—Simon Hardware Co., Premises.
Architect—Not Given.
Contracttor — Acme Const. Co., 9528 Foothill Blvd., Oakland.

Sub-Contracts Awarded.
OFFICE BLDG. Cont. Price, $345,983
SACRAMENTO, Sacramento Co., Cal. N Street, bet. 11th and 12th Sts.
Four-story reinforced concrete office building to house motor vehicle department offices) steam heating system, air conditioning, steel sash one freight elevator, three passenger elevators and two electric dumbwaiters).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco, $345,983.
Furnishing Terra Cotta — Gladding McBean & Co., 660 Market St., San Francisco.
As previously reported, acoustic celotex awarded to Western Asbestos Co. 675 Townsand St., S. F.; sheet metal to Concrete Engr. Co., 1280 Indiana St., S. F.; reinforcing steel to Concrete Engr. Co., 1280 Indiana St., S. F.; placing of reinforcing concrete to J. Phillip Murphy, 222 Park View Ave., Piedmont; steel sash to Soule Steel Co., 1750 Army St., S. F.; plumbing to M. R. Carpenter, 907 Front St., Sacramento, $21,270;heating and ventilating to Luppen & Hawley, Inc., 3126 J St., Sacramento, $78,322; electric to Coast Electric Co., 2350 Cedar Ave., Long Beach, $31,572; elevator and dumbwaiter to Otis Elevator Co., 1 Beach St., San Francisco, $45,835.

Contracts Awarded
OFFICE BLDG. Cost, $600,000
SACRAMENTO, Sacramento Co., Cal. South N Street bet. 11th and 12th.
Four - story reinforced concrete office bldg. (steam heating system, air conditioning system, etc.) Public Works Building.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Low blds follow:
General Work — Azevedo Const. Co., 920 "O" St., Sacramento, $379,995.
Electric—Coast Electric Co., 2350 Cedar Ave., Long Beach, $40,167.
Heating and Air Conditioning—Luppen & Hawley, Inc., 3126 J St., Sacramento, $87,237.
Plumbing—Hately & Hately, 1710 10th St., Sacramento, $23,777.
Elevators—Westinghouse Elec. Elevator Co., 1 Montgomery Street, San Francisco, $37,905.
Complete bids published March 25.

Contract Awarded
ALTERATIONS Cost, $4,000
BERKELEY, Alameda Co., Calif. 2160 Shattuck Avenue.
Alterations to store building.
Owner—Chas. Kishins Co. 1915 Broadway, Oakland.
Architect—Not Given.
Contractor—S. Kulchar & Co., 731 E. Tenth St., Oakland.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 640 Jackson St.
Aterations to restaurant.
Owner—Chin Park, Premises.
Architect—Not Given.
Contractor — Frank Yick, 670 Washington Street.

To Be Done By Day's Work
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 349 Fairfax.
Alterations to tavern.
Owner—Vito Chala, Premises.
Architect—Not Given.

Masonry Contract Awarded
ADMIN. BLDG. Cont. Price, $140,781
SAN FRANCISCO. SE Bush & Stockton Streets.
Three - story reinforced concrete administration building for the San Francisco Bay Exposition.
Owner—City and County of San Francisco.
Architect—W. P. Day, Financial Center Building.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Masonry—White & Gloor, Monadnock Building.
Other awards reported January 21.

Bids Opened
BUILDING Cost, $15,000
SAN RAFAEL, Marin County, Calif. Fourth Street.
One - story reinforced concrete store and mfg. bldg. (75x126 feet).
Owner—Harry DeGregory, San Rafael
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Low Bidder—Leibert & Trobock, Albert Bldg., San Rafael.
Complete bids follow:

Leibert & Trobock, San Rafael	$15,232
DeLuca & Son, San Francisco	15,485
John Carminati, San Rafael	15,607
Hannah & Wooldridge, S. F.	16,372
Ed. Beebe, San Rafael	16,400
A. H. Seimer, San Anselmo	16,986
A. Von Rotz, San Anselmo	17,855

Bids held under advisement.

Planned
ALTERATIONS Cost, $——
SAN FRANCISCO. 746 Brannan St.
Alterations to building for manufacturing plant.
Owner—H. D. Lee Mercantile Co., 718 Mission Street.
Architect—Not Given.
Agent—Bothin Realty Co., 604 Mission Street.
Further details will be announced shortly.

Constructon Started
BUILDING Cost, $5,000
HEALDSBURG, Sonoma Co., Calif. West Street, North Mill Street.
Two-story reinforced concrete ,frame and stucco chamber of commerce building (20x80 ft.) lobby and offices, rest rooms, etc.
Owner—Healdsburg Chamber of Commerce (Fred Cairns, Secretary), Healdsburg.
Architect—John I. Easterly, 302 Grant Street, Healdsburg.
Mgr. of Const.—Mr. Morris, Premises.
Project is being financed with WPA funds.

Low Bidder
STORE Cost, $——
OAKLAND, Alameda Co., Cal. Grand Avenue near Perkins Street.
One-story store building (40x80 feet) tile front, concrete and frame construction, interior plaster finish, wood truss roof, etc.
Owner——Not Given.
Architect—Newsom & Newsom, Russ Bldg., San Francisco.
Low Bidder—George Maurer, 50 York Drive, Piedmont.

Contract Awarded
MARKET Cost, $——
EUREKA, Humboldt Co., Calif. Fifth and H Streets.
New market building (110x60-ft.)
Owner—Robert F. Gardner, Post Office Market, Eureka.
Architect—Frank Georgeson, Eureka.
Contractor—Mercer-Fraser Co., Eureka.

Planned
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Calif. 1530 Broadway.
Alterations for men's clothing store (three-story structure).
Owner—Hastings Clothing Store, Post and Kearny Sts., San Francisco (C. H. Turner, Manager).
Architect—Not Given.
Further details will be announced at a later date.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. NW Crescent and Andover Street.
Alterations to stores and flats.
Owner—Vincente Primatera, 4538 Mission St., San Francisco.
Architect—Not Given.
Contractor—Morrison & Moriano, 3131 Clement St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 1757 Fillmore Street.
Alterations to bakery.
Owner—New England Mutual Life Insurance Co., Flatiron Bldg., San Francisco.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 1644 Haight Street.
Alterations to store.
Owner—Sprouse-Reitz Co., Premises.
Architect—Not Given.
Contractor—Seymour Showcase Co., 251 Post St., San Francisco

Contract Awarded
STORE Cost, $12,000
PALO ALTO, Santa Clara Co., Calif.
One - story reinforced concrete and stone store building.
Owner—M. C. Wade, Jr.
Architect—Not Given.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 764 Market Street.
Owner—Peggy Shoppe, Inc., Premises
Architect—Not Given.
Contractor—L. & E. Emanuel, Inc., 2665 Jones St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 42 Clay St.
Alterations to restaurant.
Owner—The Boys' Dairy Lunch, 15 Market St., San Francisco.

Architect—Not Given.
Contractor — Woodcraft Mfg. Co., 45 Hallam St., San Francisco.

Sub-Contracts Awarded
STORE & STATION Cost, $6,300
RICHMOND, Contra Costa Co., Calif. Twenty-second St. and Macdonald Avenue.
One-story store bldg. (concrete walls, frame and stucco interior) service station.
Owner—A. Kastelic (Civic Center Tire & Battery Co.) Richmond.
Architect—Jas. Narbett, 466 31st St., Richmond.
Contractor—C. L. Theis, 1937 Garvin St., Richmond.
Roofing—Mastercraft Roofing Co., 1 20th St., Richmond.
Plumbing—W. H. Timmons, 316 15th St., Richmond.
Electric Wiring—V. G. Blaker, 1314 Macdonald Ave., Richmond.
Sheet Metal—Spersch Bros., 333 13th St., Richmond.
Glass—Mayfield Glass Co., 344 11th St., Richmond.
Lathing & Plastering—A. C. Winchole 622 12th St., Richmond.
Lumber—Hill Lumber Co., Albany.
Steel Sash—Gleason Steel Prod. Co., Oakland.
Hardware—Hill Lumber & Hardware Co., Richmond.
Painting—J. J. Burdon, 257 15th St., Richmond.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Structural Steel—Judson Pacific Co., foot of Park Ave., Oakland.

Plans Being Figured—Bids Close April 6, 2:00 P. M.
STORE Cost, $——
SAN FRANCISCO. Lawton Street, bet. 25th and 26th Aves.
One-story frame and stucco store building (2 stores).
Owner—Martin Stelling, 115 Montgomery St., San Francisco.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Bids are being taken from a selected list of contractors only.

Contract Awarded.
ALTERATIONS Cost, $6000
SAN FRANCISCO. No. 2544 Mission Street.
Alterations to store building.
Owner—Caroline Sahleln.
Architect—Earle B. Bertz, 681 Market Street.
Contractor — Antone Petersen, 2758 San Bruno Ave., San Francisco.

NEW BIDS WANTED
SAN FRANCISCO.—Until April 8, 1:45 P. M., new bids will be received by Department of Public Works, Rm. 251, City Hall, for the installation of acoustical treatment in the office of Assistant Director of Public Health, Health Center Bldg., to match present installation in adjoining office.
Further particulars may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th St.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. Post Street bet. Stockton and Powell.
Alterations for telegraph office (new front, etc.) (Plaza Hotel).
Owner—Allied Properties Company.
Architect—Albert R. Roller, Crocker First National Bank Bldg.
Contractor—Ostlund & Johnson, 1901 Bryant Street.

17— THEATRES

Roofing Contract Awarded
THEATRE Cost, $583,000
PALO ALTO, Santa Clara Co., Calif. Camps of Stanford University, Lasuen, Galvez, Pine and Serra Streets.
Class A memorial theatre (theatre to seat 650, theatre school to accommodate 300) outdoor court, projection room equipment, acoustical treatment, etc.
Owner—Stanford University.
Architect—John Bakewell and Arthur Brown, Jr., 251 Kearny St., San Francisco.
Structural Engineer — C. H. Snyder, 251 Kearny St., San Francisco.
Mechanical Engineers—Hunter & Hudson, 41 Sutter St., San Francisco.
Mgr. of Const.—George Wagner, 181 South Park, San Francisco.
Roofing—Reaves Roofing Co., 280 California St., Palo Alto.
Other awards reported Nov. 18.

PREPARING PLANS
CLARKDALE, Ariz. — Architect S. Chas. Lee, 1648 Wilshire Blvd., Los Angeles, is preparing plans for altering the interior of a theater building in Clarkdale, for the United Verde Copper Co. Work will include a heating and ventilating system. Cost, $10,000.

Sub-Contracts Awarded.
THEATRE Cost, $100,000
SANTA CRUZ, Santa Cruz Co., Cal. E Pacific Avenue 200 S Soquel.
Two-story Class C reinforced concrete theatre (71x160 ft.) 1500 seats.
Owner — Pacific Amusement Co., 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishklan, 525 Market St., San Francisco.
Contractor—Salih Bros., 25 Taylor St., San Francisco.
Structural Steel—Schrader Iron Wks. 1247 Harrison St., San Francisco.
Lumber—Hepburn Lumber Co., Santa Cruz.
As previously reported, reinforcing steel awarded to Soule Steel Co., 1750 Army St., S. F.; gravel, Central Supply Co., Santa Cruz.

Additional Sub-Contracts Awarded.
THEATRE Cost, $80,000
ALAMEDA, Alameda Co., Cal. Central and Park Avenues.
One-story reinforced concrete Class C theatre (to seat 1000).
Owner—A. E. Levin, George Oppen, et al, 745 Clement St., San Francisco.
Architect—S. Charles Lee, 2404 W 7th St., Los Angeles.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Plumbing—A. Feldhammer, 1004 Park Ave., Alameda.
Concrete—Transit Concrete Co., 2500 Peralta St., Oakland.
As previously reported, structural steel awarded to Herrick Iron Works, 18th and Campbell Sts., Oakland; electric, Alta Elec. & Mech. Co., 467 O'Farrell St., San Francisco.

18— WHARVES & DOCKS

Bids Wanted—To Close April 13, 4:30 P. M.
BULKHEAD WALL Cost, $——
OAKLAND, Alameda Co., Calif. Outer Harbor, west end of quay wall and inner end of oil pier.
Steel sheet pile bulkhead wall.
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.

19—MISC. CONSTRUCTION

Planned.
MARKET & STATION Cost, $——
FRESNO, Fresno Co., Cal. SE Tulare and S Streets.
Drive-in market, service station and bungalow court.
Owner—W. G. Goss, Thesta St., Fresno.
Architect—Not Given.
Further details will be announced shortly.

BIDS REJECTED
LOS ANGELES, Cal.—All bids received by the Los Angeles Water and Power Bureau under Spec. No. X-11, for the construction of works to provide sanitary protection for Hollywood Reservoir have been rejected due to the fact that PWA funds were not available to the Department for the project.
Low bid was submitted by Lovrich and Konjevod, 5303 N. Hartwick, Los Angeles, at $72,148.80.

Contract Awarded
ORPHANAGE Cost, $65,000
SAN FRANCISCO. SE Geary and Laguna Streets.
Three-story frame and stucco orphanage.
Owner—Salvation Army, 115 Valencia Street (Japanese Division).
Architect—D. D. Stone, 110 Sutter St.
Structural Engineers—F. W. Kellberg, 320 Market Street.
Contractor—Lindgren and Swinerton, 225 Bush Street.

BIDS WANTED
SAN FRANCISCO.—Until April 7, 2 P. M., bids will be received at Room 214, Post Office Bldg., or may be mailed to the Warden, U. S. Penitentiary, Alcatraz Island, under Bid No. 618, for repairing the Launch "McDowell."
The launch may be inspected at Dock No. 4, Fort Mason, on any day at 3:15 P. M.

Contract Awarded
ADDITION Cost, $9,200
DIXON, Solano Co., Calif.
Addition to abbatoir (steel frame, reinforced concrete, steel sash, tar and gravel roof, etc.)
Owner—C. Bruce Mace, Dixon.
Engineer—W. E. Murray, 908 Hayes Street, San Francisco.
Contractor—Wm. C. Tait, 883 Market Street, San Francisco.

Plans Completed
GRANDSTAND Cost, $100,000
TAFT, Kern Co., Calif. Lincoln High School premises.
Reinforced conc. grandstand, bleachers and music pavilion (concrete floors, corrugated transite roof on grandstand, Crane Co. or equal plumbing goods, etc.)
Owner—Taft Union High School Dist.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishklan, 525 Market St., San Francisco.
Plans will be forwarded to the State Division of Architecture, Sacramento, for approval in about one week.

Contract Awarded.
BUNKHOUSE, ETC. Cost, $4650
KING CITY, Monterey Co., Calif.
Bunkhouse, cook and wash house.
Owner—Spreckels Sugar Co., Spreckels, Calif.
Plans by Engineering Dept. of Owner.
Contractor—O. C. Moroney, 1437 Drake Ave., Burlingame.

Plans Being Figured.
MORTUARY Cost, $20,000
PLACERVILLE, Eldorado Co., Calif. B and Coloma Streets.
One - story frame, brick and concrete mortuary (chapel, organ, etc.) air conditioning system, etc.
Owner—George Van Vleck, Placerville
Architect—Jens C. Petersen, 812 26th St., Sacramento.
About ten days will be allowed for figuring the plans.

BIDS OPENED

SACRAMENTO, Cal.—The following bids were received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Proposal No. 1105-36-140, for furnishing 40 steel cylindrical pontoons, with swivel connections, completely assembled and finished. Each pontoon shall consist of two steel cylinders, with manhole and eyepads, Douglas fir spreaders and platforms, structural steel pontoon saddles, and cast steel and upper and lower bearing plates, with bolt and strongbacks for securing 21-in. O. D. discharge pipe to the upper bearing plate.

Bids were taken as follows:

Items 1 and 2, steel pontoons in a lot of 20 each.

Item 3, steel pontoons in a lot of 40 each.

Complete bids follow:

Californa Steel Products Co.: (1 and 2) $815 each; total, $16,300.

Southwest Welding and Mfg. Co.: (3) $848 each; total, $33,920.

Pacific Coast Engr. Co.: (1 and 2) $770 each; total, $15,400; (3) $805 each, total, $32,200.

Moore Drydock Co.: (1 and 2) $950 each; total, $19,000; (3) $900 each; total, $36,000.

Western Pipe & Steel Co.: (1 and 2) $778 each; total, $15,560.

Bids held under advisement.

BIDS WANTED

GRAND CANYON, Ariz. — Until April 8, bids will be received by Union Pacific Utah Parks Co., Omaha, Neb., for the construction of a large frame and stone dining, recreation and lounging lodge to be built on the north room of the Grand Canyon, Arizona. Cost, $250,000. Plans were prepared by the owner's architectural department in Omaha.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

SAN FRANCISCO — Twenty - five identical bids at $3609.49 plus tax were received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1520, for furnishing 57,100 lin. ft. of galvanized wrought steel pipe, as follows:

(1) 50,000 lin. ft. ¾-in. pipe;
(2) 5,000 lin. ft. 1-in. pipe;
(3) 2,000 lin. ft. 2-in. pipe;
(4) 100 lin. ft. 6-in. pipe.

The unit bids were:

(1) $5.57; (2) $7.81; (3) $17.00; (4) $93.98.

Bids were received from the following: Steam & Plumbing Service Corp. General Machinery & Supply Co.: A. I. Mitchell Supply Co.; Federal Pipe & Supply Co.; Walworth-California Co.; united Pipe & Supply Co., Baker-Hamilton & Pacific Co.; Marshall-Newell Supply Co.; P. E. O'Hair & Co.; Tay-Holbrook Co.; A. J. Gilsener Co.; Pacific Plumbing & Heating Co.; Northern California Hardware & Steel Co.; Petroleum Equipment Co.; Grinnell Co. of the Pacific; Ducommun Metals & Supply Co.; Woodin & Little, Inc.; Pacific Pipe Co.; Dalziel-Moller Co.; Olsen & Heffernan; Dunham, Carrigan & Hayden Co.; Standard Supply Co.; Richmond Sanitary Co.; Strauss & Brittain and Crane Co

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO—Henry P. Ziel, 16 California St., at $0.81 each, total, $3458.70 plus tax, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1521, for furnishing 4270 split or hewn Redwood ties, 6-in.x8-in.x8-ft.

The other bids were:

J. L. Hall, $0.972 each; total, $4270 including tax.

Loop Lumber Co., $1.0528 each; total, $4495.46 plus tax.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 768-D, for furnishing miscellaneous fabricated pipe and fittings for installation at the Boulder Power Plant, Boulder Canyon Project:

Associated Piping & Engr. Co., Ltd., Los Angeles, $6016.

Crane-O'Fallon Co., Denver, $6300.

National Valve & Mfg. Co., Pittsburgh, $6492.

Grimes Pipe & Supply Co., Denver, $6538.

Midwest Piping & Supply Co., Inc., St., Louis, Mo., $6541.

Standard Sanitary Mfg. Co., Denver, $6541.

Grinnell Co. of the Pacific, Los Angeles, $6927.55.

All bids f.o.b. Boulder City except the Associated Piping & Engr. Co., which is f.o.b. Los Angeles.

CUT LABOR COSTS
with
ROOSHORS AND
ROOS COLUMN CLAMPS
W. J. BURKE & CO. Northern California Distributors
200 Davis Street Phone DOuglas 8590 . San Francisco

MEDUSA Portland Cement PAINT

A permanent bond to concrete, brick and stucco . . it
is highly decorative . . it
is dampproof . . it
economical

GUNN, CARLE & CO.
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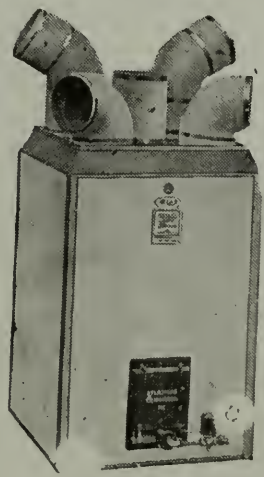
Atlas Economy Gas Fuel Circulating System of Warm Air Heating



The ATLAS ECONOMY GAS CONVECTOR, the most important link in this circualting system, is as modern as tomorrow. Its square casing comes in a two-tone green, marking the age when a furnace can be as attractive and pleasing to the eye as it is efficient.

The Atlas Gas Convector is built of heavy gauge iron, all welded, with a bottom casing which eliminates the possibility of infiltration of dust or dirt.

The Atlas Economy Gas Furnace in all sizes has been approved by the American Gas Association and has met with all requirements of their laboratory tests thus giving assurance that the furnace is properly designed and constructed for efficiency and safe operation.

Atlas Heating & Ventilating Co., Ltd.
EVERYTHING IN HEATING
557-567 FOURTH STREET . 1451 32nd STREET
SAN FRANCISCO OAKLAND
Phone DOuglas 0377 Phone LAkeside 1266

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

NAVY DEPARTMENT

BREMERTON, Wash.—Until April 7, 10 A. M., bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, under Req. No. 378 NSA, for furnishing 225 cotton mops, 15-lb. per dozen.

Specifications obtainable from above office.

BREMERTON, Wash.—Until April 14, 10 A. M., bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, under Req. No. 8/5475, for furnishing two radial bearings, aligning, wide, full roller type, and one roller-thrust bearing, single acting, aligning.

Specifications obtainable from above office.

WASHINGTON, D. C.—Until April 10, bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

HORNS, 30 electric sound signalling horns, waterproof; Mare Island. Sch. 7477;

FANS, 25 portable ventilating electric fans and spares; Mare Island. Sch. 7482;

MACHINES, two electrically operated kitchen and cake machines and spares Mare Island. Sch. 7489.

PLUGS, 18,000 non-water tight attachment plugs; Mare Island. Sch. 7481.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

SAN FRANCISCO CITY

SAN FRANCISCO—Until April 13, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1533, for furnishing paints, painters' supplies, lacquer, enamel and glass for the term May 1 to August 31, 1936.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until April 13, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1541, for furnishing vehicle and pedestrian actuated timers for the Department of Electricity.

Specifications obtainable from above office.

U. S. FOREST SERVICE

LOS ANGELES, Cal.—Until April 8 2 P. M., bids will be received by the U. S. Forest Service, 751 S. Figueroa St., Los Angeles, under Bid No. 1327, for furnishing 400 each 20-ft. poles, Class No. 6; 100 each 25-ft.; 50 each 35-ft.; fob cars bidder's shipping point and/or treating plant and/or Angeles Crest Guard Station.

LOS ANGELES, Cal.—Until April 15 3 P. M., bids will be received by the U. S. Engineer, 751 S. Figueroa St., for furnishing electric motor and gas engine-driven propeller type pumps, fob cars bidder's plant under Circular Proposal No. 543. Bid bond for 10% must accompany bids. The items are: One electric-driven, 50 CFS pump; one electric-driven 2 CFS pumps two natural gas-driven 50 CFS pumps with starters and appurtenances, for use at Long Beach.

SACRAMENTO CITY

SACRAMENTO, Cal.—Until April 9, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing 2,500 ft. of cast iron pipe for the Water Department.

Specifications obtainable from above office.

RECLAMATION BUREAU

RIVERTON PROJECT, Wyo.—Until April 23, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 677, for furnishing and delivering fob cars at the shipping point and/or Riverton, Wyo., two complete pier noses and eight 5x5-ft. high-pressure gate assemblies for installation in the gate chamber of the outlet works at the Bull Lake Dam, Riverton Project. The materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $2.50, not returnable.

GRAND COULEE DAM, Wash. — Until April 9, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 783-D, for furnishing and delivering fob cars at the shipping point and/or Odair, Wash., either one 60-ton, 4-section, or one 100-ton, 2-section railroad track scale for the Columbia Basin Project, Wash. The track scale will be installed by the Government.

Specifications obtainable from above office without charge to prospective bidders; to others, $0.25, not returnable.

BOULDER CITY, Nevada — Until April 21.2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 786-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, miscellaneous fabricated pipe and fittings for installation at the Boulder power plant, Boulder Canyon project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $2, not returnable.

BOISE PROJECT, Idaho — Until April 20, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 785-D, for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Barber Junction, Idaho, two 24-in. internal-differential control valves for installation in the drum-gate control chambers in the spillway section of the Arrowrock Dam, Boise Project, Idaho. The control valves will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 75c not returnable.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until April 6, 10 A. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing 1400 ft. of 15-conductor No. 16 AWG cable under Bid No. 8584.

LOS ANGELES, Cal.—Until April 7, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing lead covered paper insulated cable under Spec. No. 1913, as follows:

(1) 4200 ft. 500 CM, 5000 volts, 3 conductor cable on reels numbered as per specifications;

(2) 4200 ft. cable as specified under item (1) with different reel numbers;

(3) 5000 ft. 2/0 AWG, 5000 volts, 3-conductor cable.

LOS ANGELES, Cal.—Until April 7, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing pin type insulators and insulator pins under Spec. No. 1907, as follows:

(1)804 only 6,000-volt pin type insulators with 804 only 1-in. lead tip pins, delivery in 14 days, as follows:

(a) Fob bidders' shipping point;

(b) Fob cars or trucks, 1630 N Main Street.

(2) 804 only 66,000-volt, pin type insulators with 804 only 1-in. lead tip pins, delivery in 21 days, as follows:

(a) same as (1a);

(b) same as (1b).

OAKLAND CITY

OAKLAND, Cal.—Until April 7, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for rental of equipment to be used on PWA projects as follows:

(1) Four concrete mixers; 3 having a capacity of 3½ cu. ft. and one having a capacity of 7 cu. ft.

(2) Two air compressors, one having a capacity of 105 cu. ft, of free air per minute, and one having a capacity of 160 cu. ft. of free air per minute.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL ZONE. — Until April 13, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3135, for furnishing miscellaneous supplies and equipment, including:

Reinforcement bars, ring bolts, copper wire and cable, spray guns, ship's clock, blinker keys, thermometers, door locks, turnbuckles, milk cans, chinaware, drinking glasses and tumblers, plate glass, gasoline hose, insulating fiber, industrial truck.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Dispesal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

OAKLAND, Alameda County, Calif.—Until April 9, 4 p.m., bids will be received by the Board of Directors of Joint Highway District No. 13, Room 111, 1448 Webster Street, Oakland, for the construction of a pipe culvert with fill and appurtenant structures, on the southerly side of Chabot Road, near the intersection of Chabot Road and Roble Road, in the City of Oakland.

The work invoves:

(1) Lump sum, clearing.
(2) 750 c.y. Class A structural excav.
(3) 100 c.y. Class B structural excav.
(4) One each, raising manhole.
(5) 90 l.f. 24-in. C.M.P. culvert.
(6) 300 l.f. 7½ ft. multi-place C.M.P. culvert.
(7) 500 c.y. rock for drains.
(8) 40 c.y. rubble masonry.

Plans and specifications obtainable at the office of District Engineer Wallace B. Boggs, Room 111, 1448 Webster St., Oakland, upon deposit of $10.

BID OPENING POSTPONED

LOS ANGELES, Cal.—Until April 20, 2 P. M. (date postponed from Apr. 13, previously reported) bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, for constructing a viaduct on Soledad Canyon Road over the Southern Pacific Railroad tracks on the Valley line. The proposed viaduct will be of concrete, wood and steel construction, 248 ft. in length, with a 24-ft. roadway; steel girders, wood joists, wood and concrete piers and redwood railing. Work will be done by contract. Cash Contract No. 434. Steel will be furnished by the county. Plans may be obtained at the office of the Construction Division of the Road Department, 11th floor, Hall of Records. Certified check or cashier's check 10% must accompany each bid. Mame B. Beatty, 501 Hall of Records, Clerk of the Board.

BIDS WANTED

SANTA CRUZ COUNTY, Cal.—Until April 7, 2:30 P. M., bids will be received by the Santa Cruz County Board of Supervisors, Court House, Santa Cruz, H. E. Miller, County Clerk, for the relocation of a part of Eureka Canyon road three miles north of Corralitos, including construction of a 12-ft. culvert approximately 98 ft. long to replace the bridge over Corralitos creek which was recently destroyed by floods. Est. cost, $12,000.

Plans and specifications obtainable from the office of County Surveyor Lloyd Bowman at a charge of $2.00.

22—DREDGING, HARBOR WORKS EXCAVATION

April 2, 1936

CONTRACT AWARDED

LONG BEACH, Los Angeles Co., Cal.—R. E. Campbell, 108 W. 6th St., Los Angeles, at $398,527.66 submitted low bid and awarded contract (subject to PWA approval) by the Long Beach City Council for construction of about 11,276 lin. ft. of reinforced concrete sheet piling retaining wall, creosoted timber anchor piles, sheet tie rods, galvanized pipe hand railing and other appurtenances, earth fills, and by removing portions of the existing concrete retaining wall, concrete coping, concrete steps, ornamental light standards and concrete pedestals, and by removing and reconstructing wood walings on existing wooden retaining walls, for the improvement of portions of Rivo Alto Canal, Naples Canal, The Colonnade Canal, Alamitos Bay and San Gabriel River, in accordance with plans and specifications prepared by the city engineer-public service director J. W. B. Blackman.

The work will be financed to the extent of $81,500 by the property owners under 1911 Act proceedings, $100,000 county allocation from gas-tax funds, and the balance not to exceed $146,991.00 by the Public Works Administration.

The work involves:

PROPOSAL A (For Shallow Work)
2,656 cu. yds. concrete sheet piles;
276 cu. yds. concrete coping;
The work, which will cost about
850,485 lbs. reinf. steel;
12,810 ft. creosoted piling;
57,300 lbs. anchor rods, nuts, and washers;
8,750 lbs. lifting hooks;
192 sq. ft. expansion joint material;
414 lbs. expansion joint pipe;
1,541 lbs. expansion joint bars;
5,450 cu. yds. earth fill.

PROPOSAL B (For Deep Work)
6,040 cu. yds. concrete sheet piles;
834 cu. yds. concrete coping;
1,588,304 lbs. reinf. steel;
23,140 ft. creosoted piling;
114,500 lbs. anchor rods, nuts and washers;
1,925 lbs. drain pipe;
22,925 lbs. lifting hooks;
550 sq. ft. expansion joint material;
1,586 lbs. expansion joint pipe;
5,159 lbs. expansion joint bars;
11,550 cu. yds. earth fill.

REMOVALS
2,400 lin. ft. walls to be removed;
20 sets of steps to be removed;
6,900 lin. ft. coping to be removed;
7,300 lin. ft. railing to be removed;
22 light standards to be removed. 22

Bids were received on the following items:

(1) per lin. ft. for retaining wall of reinforced concrete sheet piling, including creosoted timber anchor piles, steel tie rods, reinforced concrete coping, expansion joints and pipe drains, all as marked "A" on plans, 2549 lin. ft.;
(2) per lin. ft. for retaining wall of reinforced concrete sheet piling including creosoted timber anchor piles, etc., all as marked "B" on plans, 8727 lin. ft.;
(3) lump sum for all other work shown on plans and specifications including removals of existing wall, ornamental light standards, etc., placing of earth fill, etc.

The bids were:

R. E. Campbell, Los Angeles—(1) $45.44; (2) $29.30; (3) $27,000; total, $398,527.66.

Pacific Bridge Co., San Francisco—(1) $58.00; (2) $41.00; (3) $80,340; total $585,989.

Case Construction Co., Alhambra—(1) $61; (2) $44; (3) $82,975; total, $622,452. * 22

BIDS WANTED

SACRAMENTO, Cal.—Until April 9, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-36-198, for furnishing and operating clamshell dredging plant at hourly rates for use in Suisun Bay and the San Joaquin and Sacramento rivers and tributary channels.

Bids will be taken as follows:

Class A dredge: (1) 1,200 hours; (2) 140 hour; 4 mobilizations and demobilizations.

Class C dredge: (1) 2,000 hours; (2) 240 hours; 7 mobilizations and demobilizations.

Specifications obtainable from above office.

BIDS WANTED

SAN FRANCISCO, Cal.—Until April 9, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Proposal No. E.R. 868-36-6, for furnishing about 209,000 tons of rock and constructing a rubble retaining wall about 16,000 ft. long enclosing the upper levels of a fill to be made on the shoal in San Francisco Bay north of Yerba Buena Island.

Bids will be taken as follows:

SCHEDULE A (Rate of delivery and placing: 2,000 tons per month)
(1) 61,000 tons furnishing and placing Class A rock.
(2) 5,0800 tons do. Class B rock.
(3) 90,000 tons do. Class C rock.

SCHEDULE B (Rate of deliver and placing: 40,000 tons per month)
(1) 61,000 tons furnishing and placing Class A rock.
(2) 58,000 tons do. Class B rock.
(3) 90,000 tons do. Class C rock.

The estimated quantities of the various classes of rock are based on a weight of 155 pounds per solid cubic foot of rock and the following percentages of voids in the retaining wall sections: Class A rock, 35 percent; Class B rock, 25 percent; Class C rock 20 percent.

The United States will construct a fill about 5,520 feet long, 3,400 feet wide, to elevation 13 feet above mean lower low water, on the shoal north of Yerba Buena Island.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Plans and specifications obtainable from the above office. *

PLANNED

SAN DIEGO, Cal.—Recommendation of the U. S. Army Engineers transmitted to the House Committee on Rivers and Harbors and concurred in by Maj. General Edward M. Markham, Chief of Army Engineers, relative to the proposed development of San Diego Harbor at an expenditure of $4,184,000, is as follows:

"That the existing project for San Diego harbor be modified to provide for the removal of the middle ground shoal and widening the entrance channel to the eastward in that vicinity to a depth of 36 ft., widening the bay channel to the northward by 1200 ft. for a total length of 12,000 ft. to depths of 35 and 26 ft., in the easterly and westerly halves, respectively, and dredging a seaplane basin 42,000 feet long and 1500 ft. wide to a depth of 8 ft. landward of the widened channel and dedging a channel 1500 to 2500 ft. wide and approximately 20,000 ft. long in the southerly part of the bay to a depth of 30 ft., at a total estimated cost of $4,184,000 for new work with maintenance estimated at $15,000 annually in addition to that now required. Provided, that the chief of engineers may, at his discretion, direct the disposal of dredged material on lands not under government ownership, providing local interests reimburse the United States for the excess cost involved."

The project provides for the removal of approximately 30,600,000 c.f. of material by dredging in providing additional warship anchorage area and seaplane maneuvering area in the Dutch Flats section off the marine base, and in deepening and widening the main channel as far south as National City.

23—IRRIGATION PROJ.

BIDS WANTED

FRENCHTOWN PROJ., Mont.—Until April 27, 10 A. M., bids will be received by the Bureau of Reclamation, Missoula, Mont., under Spec. No. 679, for the construction of structures and canal lining for Main canal and earthwork and structures for laterals and O'Keefe wasteway, Frenchtown Proj.

The work is located near Missoula and the principal items of work involved are:

(1) 152,000 c.y. excavation for canal, laterals and wasteway;
(2) 2,300 sta. c.y. overhaul;
(3) 3,600 c.y. excavation for structures;
(4) 4,000 c.y. backfill;
(5) 1,050 sq. yds. trimming canal section for concrete lining
(6) 360 sq. yds. dry-rock paving;
(7) 90 c.y. concrete in canal lining;
(8) 870 c.y. concrete in structures;
(9) Placing 63,000 lbs. reinf. bars;
(10) Laying 72 l.f. 36-in. dia. concrete pipe;
(11) Laying 1,400 l.f. 12- to 36-in. dia. CMP;
(12) Erecting 93 MFBM timber in structures;
(13) Erecting 3,230 l.f. No. 48 to No. 84 metal flume;
(14) Installing 16,520 lbs. gates;
(15) Installing 1,600 lbs. miscellaneous metal work.

Work shall be commenced within 30 calendar days and completed within 135 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Missoula, Mont.; Denver, Colo., or Washington, D. C., without charge to prospective bidders: to others, $2, not returnable.

J. W. Taylor, resident engineer.

24— STREET LIGHTING SYSTEMS

BIDS WANTED

SAN FRANCISCO.—Until April 15, 2:30 P. M., lump sum bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Spec. No. 18,922 for construction and installation of a street lighting system on Eighth Street between Market and Townsend streets, a PWA project. Estimated cost, $9,500.

Estimated quantities involved are:

(1) 40 luminaires with compensators;
(2) 40 6000-lumen 6.6 ampere Mazda Street Series lamps;
(3) 40 concrete foundations for standards;
(4) 8,600 ft. 1½-in. conduit;
(5) 12,500 ft. 5000-volt single conductor No. 8 A.W.F.-R. & L. C. wire;
(6) 25 extra stubs in foundations;

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.00. *

26—— RAILROADS

BID WITHDRAWN

LOS ANGELES, Calif.—Shannahan Bros., Inc., has notified the Los Angeles City Harbor Department that the company has withdrawn its bid on the municipal railway, Spec. No. 946, submitted Feb. 19. The question of granting permission to withdraw the bid has been referred to the city attorney

CONTEMPLATED

CURRY — JOSEPHINE COUNTIES Oregon—Interstate Commerce Commission has authorized the Gold Coast Railroad to construct a line of track extending 90 miles from docks at Port Orford to Leland, Oregon. Estimated cost, $4,150,000.

Gilbert E. Gable, president of the Port Orford Dock and Terminal Corp., and applicant for the Gold Coast Railroad, has announced that construction probably will not be started for at least a year.

27—FIRE ALARM SYSTEM

CONTEMPLATED

LOS ANGELES, Cal.—Expenditure of $491,000 for fire alarm systems and $102,000 for police signals and teletypes is planned for 1936-1937, according to provisions made in the new budget of the city. Fire alarm equipment listed includes $234,000 for the Metropolitan Area, $60,000 for the San Fernando Valley; $75,000 for the Venice district; and $122,000 for the San Pedro-Wilmington area. Police equipment and teletypes listed include $35-000 for Metropolitan Area; $60,000 for the San Fernando Valley; $5000 for the San Pedro-Wilmington area, and $2,-000 for the Venice district.

29— STREETS AND HIGHWAYS

BIDS WANTED

ROSEVILLE, Placer Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Roseville, for new side walk, etc., at the U. S. Post Office, Roseville.

BIDS WANTED

IMPERIAL COUNTY, Cal. — Until April 14, 2 P. M., bids will be received by the Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for furnishing and applying liquid asphalt to existing shoulders on about 12.6 miles in Imperial County, bet. Sand Hills and 1 mile west of Yuma.

Plans and specifications obtainable from the above office.

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until April 13, 2 P. M., bids will be received by the Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for constructing drainage structures and surfacing intersections with plant-mixed surfacing in Riverside County, in the City of Corona, at Sixth St. and Buena Vista Ave.; and Ontario Ave. at Lester Ave.

The work involves:

(1) 101 cu. yds. Class A Portland cement concrete (structures);
(2) 9825 lbs. bar reinforcing steel;
(3) 378 tons plant mix surfacing;
(4) 20 tons liquid asphalt, MC-5 (plant mix surfacing);
(5) 1550 sq. yds. asph. paint binder;
(6) 22 cu. yds. Class A Portland cement concrete (curb, gutter and walk);
(7) 440 cu. yds. structure excav.;
(8) 62 cu. yds. existing concrete removed;
(9) 20 lin. ft. 8-in. corr. metal pipe;
(10) 84 lin. ft. 30-in. corr. metal pipe
(11) 48 lin. ft. laminated guard rail.

Plans and specifications obtainable from above office.

LOW BIDDERS

MARICOPA COUNTY, Arizona—Arizona Sand & Rock Co., 7th and Riverbank Sts., Phoenix, at $17,600 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on Phoenix-Tempe Highway, N.R.M. 30-B, A.F. E. 519. The work, which is located in Phoenix on West Van Buren St., between 7th Ave. and 3rd Ave., conconsists of widening and resurfacing the present pavement and incidental work, and is to be completed on or before Aug. 15, 1936.

The principal items are:

2800 sq. yds. grading under pavement
900 tons aggregate base course (CIP);
600 tons asphaltic concrete base course;
700 tons asphaltic concrete top course;
165 tons asphaltic surface finish;
46 sq. yds. 6-in. concrete pavement;
2550 lin. ft. combined curb and gutter;
500 lin. ft. gutter;
9000 sq. ft. 4-in. concrete sidewalk;
2600 sq. ft. 6-in. concrete sidewalk;
1300 sq. yds. removal of pavement;
3550 lin. ft. removal of curb and gutter (4 types);
9800 sq. ft. removal of sidewalk;
5200 lin. ft. filling cracks.

Phoenix-Tempe Stone Co., Phoenix, at $18,166 submitted second low bid.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on April 15:

IV-Mrn-1-D (tunnel) between Sausalito and the Golden Gate Bridge: PLANS (No. of Sheets) 19; (Cost) $1.-90; CROSS-SECTIONS (No. of Sheets) 13; (Cost) $1.30; (Total) $3.20.

IV-Mrn-1-D (road) between Waldo Point and the Golden Gate Bridge: PLANS (No. of Sheets) 21; (Cost) $2.-

10; CROSS-SECTIONS (No. Sheets) 171; (Cost) $17.10; (Total) $19.20.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the request for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until April 21, 2 P.M., bids will be received by the Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for applying penetration oil treatment to existing shoulders on about 35.9 miles in San Diego County at various locations.

Plans and specifications obtainable from above office.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until April 13, 2 P. M., bids will be received by the Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for constructing a timber sidewalk at Barstow, San Bernardino County.

The work involves:

(1) 50 cu. yds. structure excavation;
(2) 1000 lbs. structural steel;
(3) 12.5 MFBM Redwood timber, dense, select, all-heart, structural grade.
(4) 11 MFBM Redwood timber, select, all-heart, structural grade.

Plans and specifications obtainable from above office.

BIDS WANTED

COALINGA, Fresno Co., Cal.—Until April 6, 5 P. M., (to be opened at 7:30 P. M., bids will be received by the Coalinga City Council, Ethel K. McCroskey, City Clerk, City Hall, for the improvement of approximately 24,675 sq. yds. of streets and alleys in the College Addition.

Bids will be taken as follows:

(1) Rough grading and levelling all streets ready and water settled for oil;
(2) Mixing oil and completing streets.

Specifications obtainable from the above office.

BIDS WANTED

ALAMEDA COUNTY, Cal. — Until April 22, 2 P. M., bidst will be received by the State Highway Commission, Sacramento, for about 0.3 mile grading and paving with Portland cement concrete in Alameda County, in the City of Berkeley, between the Folger Avenue Underpass and Ninth Street.

The work involves:

(1) 6700 cu. yds. roadway excavation unclass.;
(2) 70 cu. yds. struc. excavation;
(3) 80,000 sta. yds. overhaul;
(4) 16 sta. finishing rdwy.;
(5) 2860 tons imported base material;
(6) 100 cu. yds. salvaged base materials;
(7) 240 tons asphalt concrete;
(8) 1810 cu. yds. Class A Portland cement concrete (pavement);
(3) 10,300 lbs. bar reinf. steel (pave and strucs.);
(10) 3700 each pave dowels;
(11) 3 each catchbasins;
(12) 101 lin. ft. 8-in. vit. clay pipe;
(13) 82 cu. yds. Class A Portland cement concrete (curbs & gutters)
(14) 70 cu. yds. Class A Portland cement concrete (sidewalks).

Plans and specifications obtainable from the office office of the State Highway Engineer, P. O. Box No. 1499 Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

SAN FRANCISCO — ANZA STREET SEWER — (CITY)

SAN FRANCISCO, Calif.—Fay Improvement Co., 760 Phelan Bldg., San Francisco, at $4,418.55 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,929, for the construction of a sewer in Anza St., between Arguello Blvd. and Parker Ave.

The work involves:

The work involves:

(1) 7 brick manholes, complete;
(2) 80 lin. ft. 8-in. V.C.P. sewer, in place;
(3) 420 lin. ft. 12-in. V.C.P. sewer, in place;
(4) 210 lin. ft. 15-in. V.C.P. sewer, in place;
(5) 390 lin. ft. 18-in. V.C.P. sewer, in place;
(6) 290 lin. ft. 21-in. V. C. P. sewer, encased in concrete, in place;
(7) 1 8x6-in. V.C.P. wye branches, in place;
(8) 7 12x6-in. V.C.P. wye branches, in place;
(9) 1 15x6-in. V.C.P. wye branches, in place;
(10) 1 18x6-in. V.C. P. wye branches, in place;
(11) 2 21x8-in. V.C.P. wye branches, encased in concrete;
(12) 300 lin. ft. 6-in. V.C.P. side sewers, in place;
(13) 56 lin. ft. 8-in. V.C.P. side sewers in place.

Total bids follow:

(A) Fay Improvement $4,418.55.
(B) W. J. Tobin, $4,699.20.
(C) Mills Construction Co., $4,681.00.
(D) E. J. Treacy, $5,486.22.
(E) C. L. Harney, $5,917.00.
(F) Eaton & Smith, $6,848.60.

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
1)	$113.30	$90.00	$80.00	$75.00	$85.00	$100.00
2)	1.35	1.20	1.50	1.53	1.70	1.00
3)	1.45	1.67	1.55	1.85	2.00	1.30
4)	1.85	2.15	2.10	3.08	2.80	1.85
5)	2.30	2.67	2.45	3.94	3.50	5.60
6)	4.50	4.90	5.65	5.48	7.50	8.75
7)	1.00	1.00	1.00	1.50	1.00	2.00
8)	1.25	2.00	1.00	2.70	1.00	2.00
9)	2.50	3.00	1.50	4.53	1.00	2.00
10)	3.50	4.00	2.50	6.35	1.00	2.00
11)	5.00	5.00	3.50	8.47	1.00	2.00
12)	.75	.90	.80	.57	.50	.95
13)	1.20	1.00	1.00	1.25	1.00	1.85

SACRAMENTO — FEATHER RIVER LEVEE — (GOVT.)

SACRAMENTO, Cal.—Macco Const. Co., 815 Paramount Blvd., Clearwater, at $135,576 submitted low bid to the U. S. Engineer Office, Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Proposal No. 1105-36-135, for setting back, raising and strengthening existing levee and constructing new levee along easterly side of the Feather River in Reclamation District No. 784, from a point about 1.7 miles below Eliza Bend Pump to the upper end of Starr Bend, a distance of approximately 4 miles. The upper or northerly end of the work is about 6 miles southerly from Marysville. The total volume of earth to be placed in levee embankment is approximately 983,000 c.y.

The work involves:

(1) 983,000 c.y. levee embankment in place;
(2) 150 l.f. corru. iron pipe, 12-inch dia., No. 16 ga., with necessary No.16 ga. band couplers, all in place;
(3) 110 l.f. corru. iron pipe, 24-in. dia., No. 14 ga., with necessary No. 16 ga. do;
(4) 110 l.f. corru. iron pipe, 30-inch dia., No. 12 ga., with necessary No. 14 ga. do;
(5) 110 l.f. 18-in. steel soil-proofed pipe of No. 10 ga. with 18-in. gate valve, all in place;
(6) 150 l.f. 2-in. galv. pipe to be removed and re-installed;
(7) 110 l.f. 16-in. concrete pipe to be removed;
(8) 1 only 12-in. slide gate, with 18 ft. gate frame, in place;
(9) 1 only 24-in. slide gate, with 17-ft. gate frame, in place;
(10) 1 only 30-in. slide gate, with 16-ft. gate frame, in place;
(11) 4,000 lbs. struct. steel for walkways, in place;
(12) 2 each, 36x36-in., No. 16 gauge corru. iron cut-off walls for 12-in. pipe, in place;
(13) 2 each, 49½x50-in. No. 14 ga. corru. iron cut-off walls for 24-in. pipe, in place;
(14) 2 each 49½x50-in., No. 12 ga. do for 30-in. pipe, in place.

Total bids follow:

(A) Macco Const. Co., Clearwater, $135,576.00.
(B) A. Teichert & Son, Inc., Sacramento, $159,461.50.
(C) D. McDonald, Sacramento, $184,-516.00.
(D) Geo. Pollock, Sacramento, $192,-045.10.
(E) Morrison-Knudsen Co., Inc., Boise $197,726.50.
(F) Martin Wunderlich & Co., Jefferson City, Mo., $209,337.00.
(G) David H. Ryan, San Diego, $220,-911.00.
(H) Olympian Dredging Co. San Francisco, $237,912.60.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .135	$ .158	$ .184	$ .1925	$ .198	$ .21	$ .217	$ .2391
(2)	1.65	2.50	2.50	1.45	2.00	2.00	1.80	1.41
(3)	4.40	5.50	5.00	3.70	5.00	4.50	5.00	3.85
(4)	5.40	6.75	6.50	4.75	6.00	5.50	7.00	5.13
(5)	2.60	7.00	5.80	4.50	6.00	4.00	6.00	5.10
(6)	.10	1.00	1.00	.21	.25	2.00	1.50	.22
(7)	.10	.50	1.00	.21	.50	1.00	1.00	.25
(8)	54.00	60.00	50.00	50.00	40.00	25.00	40.00	40.00
(9)	72.00	125.00	85.00	70.00	70.00	50.00	60.00	75.00
(10)	92.00	175.00	110.00	85.00	100.00	60.00	85.00	87.50
(11)	.15	.25	.20	.21	.14	.12	.24	.20
(12)	26.50	10.00	7.50	10.50	8.00	6.00	10.00	8.00
(13)	30.50	15.00	10.00	12..50	10.00	7.00	12.00	9.50
(14)	29.00	20.00	13.00	15.00	12.00	8.00	13.00	9.50

BIDS OPENED

ALL-AMERICAN CANAL — R. E. Hazard & Son, 2548 Kettner Blvd., San Diego, at $5044.50 submitted low bid to the Bureau of Reclamation, Federal Bldg., Yuma, under Spec. No. 773-D, for construction of road-mix surface treatment on the construction highway from the Laguna Dam to the Imperial Dam and of streets and parking areas in the Government Camp at Imperial Dam, All-American Canal System, Boulder Canyon Project.

The work is located from 14 to 18 miles northeast of Yuma and the principal items of work involved are:

(1) Distributing 535 tons of asphaltic oil;

(2) Preparing, treating, mixing and shaping 69,200 square yards highway, streets and parking areas;

(3) Hauling, placing and spreading 300 cu. yds. of pea gravel or sand.

Work shall be commenced within 15 calendar days and completed within 60 calendar days from the date of receipt of notice to proceed.

Complete bids follow:

R. E. Hazard & Son, San Diego, $5,044.50.
A. S. Vinnell Co., Los Angeles, $6,212.80.
Clyde W. Wood, Stockton, $7206.
Tiffany Constr. Co., Mohawk, Arizona, $8,071.
Triangle Rock Co., San Bernardino, $8,242.50.
V. R. Dennis Constr. Co., San Diego, $12,783.
David H. Ryan, San Diego, $13,007.
Pioneer Truck & Transfer Co., El Centro, $13,325.20.
Arizona Sand & Rock Co., Phoenix, $13,331.75.

Bids held under advisement.

BIDS WANTED

PEARL HARBOR, T. H.—Bids are being received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8191, for construction of service system and roads at the Fleet Air Base, Pearl Harbor. Estimated cost, $125,000.

BIDS WANTED

LUALUALEI, T. H.—Bids are being received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8156, for grading and constructing an irrigation system at Lualualei. Estimated cost, $40,000.

BIDS WANTED

VENTURA COUNTY, Calif.—Until April 13, 2 P. M., bids will be received by the Division of Highways, S. V. Cortelyou, District Engineer, Room 808, State Bldg., Los Angeles, for constructing Portland cement concrete curb and applying road-mix surface treatment on the adjacent shoulder about one mile in Ventura county between Route 2 and one mile easterly.

The work involves:

(1) 20 tons liquid asphalt, SC-2, in place;

(2) 2,800 sq. yds. preparing, mixing, and shaping shoulders;

(3) 350 c.y. Class A Portland cement concrete in place (curb);

(4) 1 mile removing and salvaging guard railing.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

SAN FRANCISCO. — U. Peira, 375 Delano Ave., at $1,444.50 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,931 for construction of a one-course concrete sidewalk on the northwest side of San Jose Ave. between Havelock St. and Ocean Ave.

OAKLAND — GATE VALVES — (DISTRICT)

OAKLAND, Cal.—Iowa Valve Co., 501 Howard St., San Francisco, at $1,725 (lump sum price) submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, under Spec. No. L. S. 168, for furnishing gate valves as follows:

(1) 12 6-inch valves;
(2) 20 8-inch valves;
(3) 9 10-inch valves;
(4) 7 12-inch valves;
(5) 2 16-inch valves.

Total bids follow:

(A) Iowa Valve Co., $2,553.68; lump sum bid, $1,725.
(B) General Engr. & Dry Dock Co., $1,978.95.
(C) Crane Co., $2,917.44; lump sum bid, $2,304.77.
(D) Rensselaer Valve Co., $2,374.58.
(E) Rich Mfg. Co., $2,863.32; lump sum bid, $2,718.25.
(F) A. P. Smith Mfg. Co., $2,917.44.
(G) Kennedy Valve Co., $2,917.44.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$280.80	$277.80	$331.20	$257.40	$331.20	$331.20	$331.20
(2)	702.00	676.00	828.00	663.00	828.00	828.00	828.00
(3)	529.92	434.70	622.08	488.52	622.08	622.08	622.08
(4)	547.40	380.45	642.60	499.10	642.60	642.60	642.60
(5)	493.56	210.00	493.56	466.56	397.44	493.56	493.56

Bids held under advisement.

SAN BERNARDINO CO.—0.7 Mi. Grade & Surface—State

SAN BERNARDINO COUNTY, Cal. —George Herz & Co., Platt Bldg., P. O. Box 191, San Bernardino, at $53,710.30, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 0.7 mile grading and surfacing with plant-mixed surfacing in San Bernardino County at the Little Mountain entrance to San Bernardino.

The work involves

(1) 3,025 M. gals. water;
(2) 116,200 c.y. rdwy. excav., unclass.
(3) 200 c.y. top soil;
(4) 200,200 sta. yds. overhaul;
(5) 410 c.y. struc. excav.;
(6) 35 sta. finishing rdwy.;
(7) 2,605 tons of mineral aggregate (plant-mixed surf.);
(8) 109 tons liquid asph. SC-4 (plant-mixed surf.);
(9) 11 tons liquid asphalt 90-95 (seal coat);
(10) 112 tons screenings (seal coat);
(11) 300 lbs. bar reinf. steel;
(12) 4 c.y. Class A Portland cement concrete (struc.);
(13) 146 l.f. 8-in. CMP;
(14) 338 l.f. 18-in. CMP;
(15) 54 each guide posts;
(16) 25 each monuments;
(17) 1,200 l.f. pier and chain structure with curb and gutter.

Total bids follow:

(A) Geo. Herz & Co., San Bernardino, $53,710.30.
(B) J. E. Haddock Co., Ltd., Pasadena, $58,772.80.
(C) Basich Bros., Torrance, $60,251.
(D) Geo. J. Bock Co., Los Angeles, $63,965.35.
(E) A. S. Vinnell Co., Los Angeles, $64,617.70.
(F) Guy F. Atkinson Co., San Francisco, $70,684.20.
(G) Dimmitt & Taylor, Los Angeles, $71,999.
(H) Oswald Bros., Los Angeles, $74,796.90.
(I) Sander Pearson, and Mundo Engr. Co., Los Angeles, $87,911.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ .50	$ .60	$ .50	$ 1.00	$ .75	$ 1.00	$ 1.00	$ 1.00	$ 1.50
(2)	.31	.34	.37	.38	.35	.43	.41	.43	.50
(3)	2.80	2.00	2.00	1.25	5.00	1.50	3.40	6.00	3.00
(4)	.001	.005	.0075	.005	.004	.005	.02	.01	.01
(5)	1.40	1.50	3.00	1.30	1.20	1.00	1.30	2.00	2.50
(6)	11.00	10.00	10.00	5.00	20.00	5.00	10.00	10.00	5.00
(7)	2.10	2.60	2.00	2.25	2.75	3.00	2.50	3.00	3.50
(8)	11.50	12.50	12.00	12.00	14.00	15.00	15.00	12.50	15.00
(9)	18.00	19.00	22.00	18.00	20.00	20.00	20.00	18.00	25.00
(10)	2.60	3.00	3.00	2.50	2.75	3.00	3.00	3.25	3.00
(11)	.08	.06	.05	.08	.05	.07	.10	.06	.10
(12)	28.00	30.00	22.00	30.00	30.00	25.00	32.00	30.00	30.00
(13)	1.10	.90	2.00	1.10	1.50	.90	1.25	1.10	1.50
(14)	2.10	1.55	3.00	2.00	2.30	1.60	2.00	1.85	3.00
(15)	3.00	2.50	2.00	2.50	3.00	2.00	2.50	2.00	1.50
(16)	3.00	3.00	2.00	2.50	3.00	4.00	3.60	2.50	3.00
(17)	5.00	4.50	3.00	5.00	6.75	4.00	4.85	5.50	7.00

CONTRA COSTA COUNTY—4.1 Mi. Surfacing (State)

CONTRA COSTA COUNTY, Calif.—Stewart M. McGaw, 425 Lexington Ave., Stockton, at $23,675 submitted low bid to the State Highway Commission, Sacramento, for about 4.1 miles surfacing with plant-mixed surfacing and constructing shoulders in Contra Costa County between county road to Byron and the easterly boundary.

The work involves:

(1) 1,200 tons selected material;
(2) 4,800 tons mineral aggregate;
(3) 240 tons liquid asphalt MC-5 or MC-extra heavy;
(4) 45 tons liquid asphalt MC-2 (prime coat);
(5) 30 tons liquid asphalt MC-3 (seal coat);
(6) 350 tons screenings (seal coat).

Total bids follow:

(A) S. M. McGaw, Stockton, $23,675.
(B) Independent Const. Co., Ltd., Oakland, $23,956.50.
(C) Pacific States Const. Co., S. F., $24,040.00.
(D) Fredericksen & Westbrook, Lower Lake, $24,280.00.
(E) A. A. Forde, San Anselmo $24,392.50.
(F) Hanrahan Co., San Francisco $24,499.00.
(G) Lee J. Immel, Berkeley, $24,505.
(H) W. H. Larson, Berkeley, $25,732.50.
(I) L. C. Seidel, Sacramento, $25,954.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$1.80	$1.30	$1.80	$1.85	$1.60	$2.25	$1.90	$1.90	$2.00
(2)	3.00	3.48	3.25	3.15	3.40	3.20	3.30	3.50	3.33
(3)	20.00	14.50	16.00	16.00	16.00	15.00	16.50	18.00	20.00
(4)	20.00	19.00	19.00	25.00	18.00	22.92	20.00	18.50	22.00
(5)	18.00	19.00	19.00	25.00	18.00	22.92	17.00	18.50	22.00
(6)	2.50	2.25	2.90	3.50	2.75	3.20	2.90	2.70	3.20

BIDS WANTED

MODOC CO., Cal.—Until April 22, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about six miles grading and applying penetration oil treatment in Modoc County between Juniper Creek and Alturas.

The work involves:
(1) 630 M. gals. water;
(2) 22,000 c.y. rdwy. excav., unclass.
(3) 58,000 sta. yds. overhaul;
(4) 31,500 c.y. imported borrow;
(5) 60 c.y. ditch and channel excav.;
(6) 800 c.y. struc. excav.;
(7) 315 sta. finishing rdwy.;
(8) 118 tons liquid asphalt SC-2;
(9) 80 tons liquid asphalt SC-1;
(10) 470 c.y. sand;
(11) 600 lbs. bar reinf. steel;
(12) 21 c.y. Class A Portland cement concrete (struc.);
(13) 6 c.y. rubble masonry;
(14) 34 l.f. 10-in. CMP;
(15) 530 l.f. 12-in. do;
(16) 14 l.f. 15-in. do;
(17) 94 l.f. 24-in. do;
(18) 392 l.f. 36-in. do;
(19) 12 l.f. 42-in. do;
(20) 76 l.f. 60-in. do;
(21) 22 l.f. CMP, clean and relay;
(22) 38 each culvert markers;
(23) 32 each monuments.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and Redding.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until April 13, 2 P. M., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for applying penetration oil treatment on about 17.9 miles in Santa Clara County, between one mile east of Alum Rock Road and Mt. Hamilton Observatory.

The work will require 425 tons of liquid asphalt, Type SC-2, in place.

Plans and specifications obtainable from above office. *

BIDS WANTED

NYE COUNTY, Nevada—Until April 15, 3:30 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson Sity, for construction of approximately 24.21 miles of asphaltic road-mix surfacing in Nye County, between 3 miles north of Springdale and 6 miles south of Stonewall Pass, Route 6, Section H2, J, and K1.

The work involves:
(1) 1576 tons asphaltic road material, Type SC-2;
(2) 159 tons asphaltic road material, Type MC-2;
(3) 24.21 miles road mix;
(4) 24.21 miles finishing roadway;
(5) 240 culvert markers.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. *

CONTRACT AWARDED

NAPA COUNTY, Cal.—A. G. Raisch 1 DeHaro St., San Francisco, at $38,374.50 awarded contract by the State Highway Commission, Sacramento, for about 2.6 miles surfacing with crusher run base and plant-mixed surfacing in Napa County between Napa City limits and the Napa Wye.

LOW BIDDERS

NYE COUNTY, Nevada—Utah Construction Co., First Security Bank Bldg., Ogden, at $133,191 submitted low bid to the Nevada State Highway Directors, Carson City, for the construction of a portion of the State highway system in Nye County, Route 4, Sections C2, C3 and D1, between 22 miles west of Lockes and 7 miles east of Lockes, a length of approximately 29.81 miles.

Isbell Constr. Co., Reno, at $149,393.63 submitted second low bid.

Complete bids will be published shortly. *

LOW BIDDERS

LINCOLN COUNTY, Nevada—Utah Constr. Co., First Security Bank Bldg., Ogden, at $119,541 submitted low bid to the Nevada State Highway Directors, Carson City, for the construction of a portion of the State Highway system in Lincoln County, Route 7, Section B3, between Crystal Springs and 14 miles west of Caliente, a length of approximately 30.07 miles.

Isbell Constr. Co., Reno, at $122,422.84 submitted second low bid.

Complete bids will be published shortly. *

CONTRACT AWARDED

COCONINO COUNTY, Arizona—Lee Moor Contr. Co., Bassett Tower Bldg., El Paso, Texas, at $85,241.44 awarded contract by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for placing base course surfacing on 12.606 miles of Sections G and H of Route 7, the Oak Creek National Forest, Coconino National Forest, Coconino County, Ariz.

SAN BERNARDINO CO.—5.1 Miles Grade and Pave—State

SAN BERNARDINO COUNTY, Cal.—Matich Bros., Elsinore, at $93,423.75, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 5.1 miles grading and paving with Portland cement concrete in San Bernardino County between the Santa Ana River and Alabama Street.

The work involves
(1) 1,040 M. gals. water;
(2) 40,000 c.y. rdwy. excav., unclass.
(3) 1,230 c.y. struc. excav.;
(4) 1,976,000 sta. yds. overhaul;
(5) 775 c.y. removing existing conc.;
(6) 1,450 c.y. sand;
(7) 15,800 sq. yds. blending subgrade;
(8) 35,700 sq. yds. preparing do;
(9) 150 tons coarse rock subgrade;
(10) 268 sta. finishing rdwy.;
(11) 70 tons untreated crushed gravel or stone (surf.);
(12) 32 tons liquid asph. SC-2 (prime coat);
(13) 260 tons liquid asph. SC-2 (plant-mixed surf.);
(14) 4,950 tons mineral agg. (plant-mixed surf.);
(15) 33 tons liquid asphalt 90-95 (seal coat);
(16) 389 tons screenings (seal coat);
(17) 7,252 c.y. Class B Portland cement concrete (pavement);
(18) 14,500 each pavement dowels;
(19) 38,250 lbs. bar reinf. steel (pavement and struc.);
(20) 57 c.y. Class A Portland cement concrete (struc.);
(21) 2 c.y. Class F Portland cement concrete (railing);
(22) 1 only steel frame and cover for drop inlet;
(23) 524 l.f. 24-in. CMP;
(24) 64 l.f. 36-in. CMP;
(25) 817 l.f. pipe culverts, clean and relay;
(26) 213 l.f. pipe culverts, remove and salvage;
(27) 210 c.y. Class A Portland cement concrete (curbs);
(28) 9 c.y. Class A Portland cement concrete (gutters);
(29) 52 l.f. laminated guard railing;
(30) 52 l.f. temporary timber railing;
(31) 315 l.f. cable guard railing, remove and salvage;
(32) 1 mile new property fence;
(33) 6 each drive gates;
(34) 40 each monuments complete in place.

Total bids follow:
(A) Matich Bros., Elsinore, $93,423.85
(B) Oswald Bros., Los Angeles, $99,742.75.
(C) Geo. R. Curtis Paving Co., Los Angeles, $106,346.40.
(D) J. E. Haddock, Ltd., Pasadena, $106,660.70.
(E) Griffith Co., Los Angeles, $116,462.14.
(F) Sander Pearson and Mundo Engr. Co., Los Angeles, $129,022.35.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 1.40	$ 1.00	$ 1.80	$ 1.50	$ 1.00	$ 1.00
(2)	.24	.28	.30	.21	.30	.40
(3)	.85	1.25	.72	1.25	1.00	1.00
(4)	.002	.0015	.001	.004	.003	.004
(5)	1.25	2.75	1.20	2.50	1.50	2.00
(6)	.35	.35	.72	.25	.60	.75
(7)	.03	.025	.10	.05	.07	.05
(8)	.10	.11	.10	.10	.10	.10
(9)	2.75	3.50	2.40	2.50	2.50	4.00
(10)	2.00	2.50	6.00	10.00	6.00	5.00
(11)	2.25	3.50	2.50	3.00	2.50	1.50
(12)	8.00	12.00	8.80	10.00	10.00	15.00
(13)	8.00	7.50	8.70	8.50	9.00	15.00
(14)	2.30	2.30	2.76	2.30	2.50	3.50
(15)	17.00	17.50	18.60	19.00	16.00	25.00
(16)	1.80	2.00	2.75	3.00	2.50	3.00
(17)	6.30	6.80	7.00	7.00	8.70	7.80
(18)	.10	.11	.11	.10	.12	.12
(19)	.05	.045	.053	.06	.05	.05
(20)	20.00	20.00	25.00	22.00	30.00	35.00
(21)	75.00	60.00	60.00	70.00	100.00	75.00
(22)	40.00	35.00	38.00	40.00	40.00	40.00
(23)	2.50	2.50	3.50	2.40	3.00	3.00
(24)	4.50	4.50	5.00	4.65	5.00	5.50
(25)	.75	.60	1.00	.75	.50	1.50
(26)	.60	.40	.60	.25	.50	1.00
(27)	10.00	11.00	12.80	11.00	15.00	15.00
(28)	10.00	11.00	12.80	10.00	15.00	15.00
(29)	1.00	1.50	1.20	1.00	2.00	1.50
(30)	1.00	2.00	.90	.75	2.00	1.00
(31)	.20	.40	.60	.50	.30	.75
(32)	475.00	500.00	600.00	600.00	500.00	550.00
(33)	15.00	18.00	15.00	15.00	20.00	20.00
(34)	3.00	2.50	3.00	3.00	3.00	3.00

BIDS OPENED

SONOMA COUNTY, Calif.—Charles Kuppinger, Box 356, Lakeport, at $11.15 per ton; total, $1,672.50 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., for applying penetration oil treatment to shoulders on about 15.2 miles in Sonoma County between Lytton and Cloverdale requiring 150 tons of liquid asphalt, SC-2, in place.

Complete bids follow:

Chas. Kuppinger, Lakeport: $11.15 per ton; total, $1,672.50.

Palo Alto Road Materials Co., Palo Alto: $13.40 per ton; total, $2,010.

E. A. Forde, San Anselmo: $13.61 per ton; total, $2,041.50.

Helwig Const. Co., Sebastopol: $14.38 per ton; total, $2,157.

Hayward Bldg. Materials Co., Hayward: $14.50 per ton; total, $2,175.

Pacific Truck Service, Inc., San Jose $15.09 per ton total, $2,263.50.

C. F. Fredericksen & Sons, Lower Lake: $15.50 per ton; total, $2,325.

Chas. L. Harney, San Francisco: $16.60 per ton total, $2,490.

Oilfields Trucking Co., Bakersfield: $17.09 per ton; total, $2,563.50.

BIDS OPENED

SONOMA COUNTY, Cal.—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at $3,614 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., for applying penetration oil treatment to existing shoulders on about 19.1 miles in Sonoma County between Forestville and Cotati.

The work involves:

(1) 150 tons liquid asphalt, SC-1A, in place;
(2) 95 tons do, SC-2, in place;
(3) 300 tons screenings.

Total bids follow:

(A) Palo Alto Road Materials Co., Palo Alto, $3,614.00.
(B) Hayward Bldg. Materials Co., Hayward, $3,970.
(C) E. A. Forde, San Anselmo, $4,010.
(D) Pacific Truck Service, Inc., San Jose, $4,105.50.
(E) Helwig Const. Co., Sebastopol, $4,428.
(F) Oilfields Trucking Co., Bakersfield, $4,573.50.
(G) Chas. L. Harney, San Francisco, $5,121.50.

Unit bids follow:

	(1)	(2)	(3)
(A)	$11.35	$12.70	$2.35
(B)	13.00	14.00	2.30
(C)	11.50	13.00	3.50
(D)	13.75	12.60	2.82
(E)	12.20	13.20	4.48
(F)	15.30	15.30	2.75
(G)	16.70	15.70	3.75

BIDS WANTED

LINCOLN COUNTY, Nevada—Until April 15, 3:15 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for construction of approximately 12.25 miles of asphaltic road-mix surfacing in Lincoln County, between Alamo and Crystal Springs, Route 7, Section B1.

The work involves:

(1) 902 tons asphaltic road material, Type SC-2;
(2) 80 tons asphaltic road material, Type MC-2;
(3) 12.25 miles road mix;
(4) 12.25 miles finishing roadway;
(5) 120 culvert markers.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnabale; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. *

LOW BIDDERS

LINCOLN COUNTY, Nevada—Utah Constr. Co., First Security Bank Bldg. Ogden, Utah, at $94,055.14 submitted low bid to Nevada State Highway Directors, Carson City, for the construction of a portion of the State Highway system in Lincoln County, Route 7, Section D3, between Stonehouse and Pony Springs, a length of approximately 15.73 miles.

Reynolds-Ely Constr. Co., Springville, Utah, at $95,520.74 submitted second low bid.

Complete bids will be published shortly. *

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Irving Ryder, P. O. Box 265, San Jose at $981 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, San Jose, for the improvement of Page, Foots, and Hopkins Streets at Campbell, involving 33,100 sq. ft. of armor coat resurfacing, oil and screenings.

Complete bids follow:

Irving Ryder, San Jose	$ 981
Earl W. Heple, San Jose	1,065
O. G. Ritchie, San Jose	1,090
A. J. Raisch, San Jose	1,150
Engineer's estimate	950

SAN FRANCISCO — EIGHTH ST. WIDENING — (CITY)

SAN FRANCISCO, Calif. — A. G. Raisch, 1 DeHaro St., San Francisco, at $65,326.55 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,918, for the widening and reconstruction of Eighth Street, between Market and Townsend Streets, a PWA project.

The work involves:

(1) 1500 cu. yds. rock fill;
(2) 25,000 sq. ft. remove asphalt-concrete pavement, constisting of a concrete base and asphaltic concrete wearing surface;
(3) 65,000 sq. ft. remove asphalt concrete wearing surface;
(4) 52 catchbasins reset or reconstructed;
(5) 1700 lin. ft. furnish and install 1½ inch conduit;
(6) 52 concrete curb inlets;
(7) 4500 lin. ft. granite curb reset;
(8) 3500 sq. ft. granite curb redressed
(9) 2240 lin. ft. granite curb tangent (new);
(10) 500 lin. ft. granite curb circular (new);
(11) 90 cu. yds. Class B concrete curb backing;
(12) 53,500 sq. ft. 8-in. Class E concrete pavement;
(13) 3600 tons asphaltic concrete base and leveling course;
(14) 2600 tons asphaltic conc. wearing surface;
(15) 385 tons asphaltic concrete conform pavement.
(16) 30 street and traffic signs reset
(17) 11,900 sq. ft. one-course concrete sidewalk;
(18) 5100 sq. ft. asphalt - macadam walk, consisting of a 4-inch rock macadam base and a 1-inch asphaltic concrete wearing surface;
(19) 1100 furnish new cross walk markers;
(20) 650 center line traffic markers, in place;
(21) 15,400 lin. ft. 4-inch white lacquer traffic lines, complete;
(22) 190 lin. ft. 12-in. V.C.P. sewer in place;
(23) 473 lin. ft. 15-in. do;
(24) 70 lin. ft. 24-in. do:
(25) 240 lin. ft. 10-in. culvert in place;
(26) 180 lin. ft. 6-in. side sewers in place;
(27) 630 lin. ft. 6-in. do;
(28) 42 lin. ft. 8-in. culvert in place;
(29) 6 8-in. x 12-in. wye branches in place;
(30) 8 8-in. x 15-in. do;
(31) 4 6-in. x 12-in. do;
(32) 4 6-in. x 15-in. do;
(33) 6 brick manholes complete;
(34) 2 brick catchbasins complete;
(35) 5 manhole frame and covers installed;

Total bids follow:

(A) A. G. Raisch, $65,326.55.
(B) Fay Improvement Co., $66,557.40.
(C) C. L. Harney, $67,355.96.
(D) Pacific Pavement Co., Ltd., $68,249.25.
(E) Mills Construction Co., $68,894.55.
(F) Lowrie Paving Co., $70,368.31.
(G) Eaton & Smith, $72,872.95.
(H) Pacific States Con. Co., $72,915.90.

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1)	$1.20	$1.24	$1.00	$1.31	$1.17	$1.62	$1.50	$1.30
2)	.07	.086	.062	.05	.035	.08	.075	.08
3)	.03	.02	.02	.03	.022	.04	.03	.04
4)	40.00	44.00	57.50	50.00	68.00	50.00	50.00	55.00
5)	.96	.79	.40	.50	46.00	.50	.50	1.10
6)	8.00	10.00	12.00	7.50	8.00	10.00	6.00	7.00
7)	.50	.29	.40	.42	.40	.30	.37	.35
8)	.50	.40	.30	.45	.69	.80	.75	.50
9)	1.75	1.64	1.75	2.00	1.75	1.65	1.85	2.00
10)	2.25	2.35	2.50	2.50	2.90	3.00	2.20	2.30
11)	7.00	8.25	9.00	7.20	9.75	10.00	7.70	7.75
12)	.28	.285	.274	.23	.277	.27	.27	.27
13)	3.70	3.58	3.80	4.00	4.18	3.85	3.90	3.80
14)	3.70	3.97	4.33	4.50	4.33	3.95	4.50	4.40
15)	3.70	4.50	4.56	5.00	4.40	5.00	4.30	4.40
16)	2.00	3.50	2.50	5.00	4.70	5.00	3.70	4.00
17)	.13	1.35	.11	.12	.12	.16	1.35	.14
18)	.09	.06	.06	.08	.055	.07	.07	.08
19)	.25	.19	.22	.30	.20	.25	.18	25
20)	.50	.85	.77	.30	.65	.10	.18	.60
21)	.015	.0145	.015	.03	.02	.05	.01	.02
22)	2.50	2.35	3.20	4.00	1.85	2.52	6.00	5.00
23)	2.75	3.50	4.80	5.25	2.55	3.87	6.75	6.00
24)	5.00	7.20	7.85	7.50	5.90	5.00	10.00	9.00
25)	1.00	1.80	1.53	1.75	1.43	1.50	2.50	1.90
26)	.90	1.60	1.78	1.50	.82	1.00	3.00	1.70
27)	.65	2.20	1.20	1.00	1.00	1.00	1.85	1.50
28)	.90	1.50	1.08	1.50	1.00	1.00	1.85	1.70
29)	2.50	2.00	1.40	2.50	1.15	3.00	1.50	4.00
30)	4.75	2.50	2.50	3.50	2.16	5.00	4.00	6.00
31)	2.50	1.50	1.40	2.50	1.00	3.00	1.25	4.00
32)	4.75	2.50	2.50	3.50	2.00	5.00	1.50	6.00
33)	70.00	85.00	100.00	100.00	89.00	150.00	110.00	100.00
34)	90.00	80.00	80.00	80.00	86.50	70.00	86.00	80.00
35)	25.00	23.00	29.00	24.00	25.00	20.00	25.00	25.00

BIDS WANTED

MINERAL COUNTY, Nevada—Until April 15, 3:45 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for construction of approximately 20.86 miles of asphaltic road-mix surfacing in Mineral County, between Coaldale and Rhoades, Route 3, Section F and A1.

The work involves:

(1) 1110 tons asphaltic road material, Type SC-2.
(2) 137 tons asphaltic road material, Type MC-2;
(3) 20.86 miles road mix;
(4) 20.86 miles finishing roadway;
(5) 208 culvert markers.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldone Bldg., 461 Market St., San Francisco. *

BIDS WANTED

NYE COUNTY, Nevada—Until April 15, 3 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for approximately 3.12 miles of surfacing in Nye County, between Tonopah and 3 miles east, Route 4, Section A1.

The work will involve 11,400 tons of crushed gravel or stone surface.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. *

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until April 6, 5 P. M., bids will be received by the San Jose City Council, C. B. Goodwin, City Manager, for the improvement of the center 22-ft. of West Virginia and Home Streets, between Palm and Prevost.

(1) 215.58 tons 1½-in. asphaltic concrete wearing surface;
(2) 487.44 tons 3½-in. asphaltic concrete base course;
(3) 22,649 sq. ft. grading under pavement area;
(4) 11,960 sq. ft. grading outside do;
(5) 54 sq. ft. Portland cement concrete gutter;
(6) 31.5 l.f. Portland cement concrete curb;
(7) 71 sq. ft. Portland cement concrete sidewalk.

Work will be financed by the city's share of State gasoline tax funds.

Plans and specifications obtainable from the office of City Engineer W. L. Popp, upon deposit of $3; of which amount $2 will be returnable.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until April 13, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of Ruby Ave., involving 101,000 sq. ft. of oil macadam.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler, at a charge of $1.

CONTRACT AWARDED

MADERA CO., Cal.—R. R. Carlson, Weber Ave. and E St., Stockton, at $194,385 awarded contract by the State Highway Commission, Sacramento, for about eight miles grading and oiling in Madera County between Kelshaw Corners and Coarse Gold.

BIDS WANTED

TEHAMA CO., Cal.—Until April 22, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 10.2 miles grading and paving with asphalt concrete in Tehama County between Corning and Proberta.

The work involves:

(1) 1,590 M. gals. water;
(2) 51,700 c.y. rdwy. excav., unclass.;
(3) 700 c.y. ditch and channel excav.
(4) 2,260 c.y. struc. excav.;
(5) 117,000 sta. yds. overhaul;
(6) 2,550 c.y. existing concrete removed and disposed of;
(7) 122,500 c.y. imported selected material;
(8) 529 sta. finishing rdwy.;
(9) 25 tons liquid asphalt ROMC-3 or ROMC-4;
(10) 4,800 sq. yds. preparing, mixing, and shaping shoulders;
(11) 24,870 tons asphalt concrete (leveling course);
(12) 14,045 tons asphalt conc. (Type A surface course);
(13) 80,500 lbs. bar reinf. steel;
(14) 4,800 lbs. steel (I-beams);
(15) 730 c.y. Class A Portland cement concrete;
(16) 2,466 l.f. 12-in. CMP;
(17) 134 l.f. 18-in. CMP;
(18) 1,142 l.f. existing pipe culverts removed, cleaned and relaid;
(19) 541 l.f. existing pipe culverts removed, cleaned and salvaged;
(20) 168 l.f. laminated guard railing;
(21) 62 each culvert markers;
(22) 34 each guide posts removed and salvaged;
(23) 1,690 sq. yds. asph. paint binder;
(24) 93 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and Redding.

BIDS OPENED

MARIN AND SONOMA COS., Cal.—Chas. Kuppinger, Box 356, Lakeport, at $9.85 per ton, total $1,970 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for treating shoulders with liquid asphalt on about 18.8 miles in Marin and Sonoma Counties, between Ignacio Wye and the Napa county line, requiring 200 tons of liquid asphalt, SC-2, in place.

Complete bids follow:

Chas. Kuppinger, Lakeport: $9.85 per ton; total, $1,970.

Palo Alto Road Materials Co., Palo Alto: $11.90 per ton; total, $2,380.

E. A. Forde, San Anselmo: $11.95 per ton; total, $2,390.

Hayward Bldg. Materials Co., Hayward: $12.50 per ton total, $2,500.

C. F. Fredericksen & Sons, Lower Lake: $12.96 per ton; total, $2,592.

Helwig Const. Co., Sebastopol: $13.20 per ton; total $2,640.

Basalt Rock Co., Napa: $13.30 per ton; total, $2,660.

Pacific Truck Service, Inc., San Jose: $13.58 per ton total, $2,716.

Oilfields Trucking Co., Bakersfield: $14.09 per ton; total, $2,818.

Chas. L. Harney, San Francisco $16.70 per ton; total, $3,340.

BIDS WANTED

COLUSA, Yolo, Butte and El Dorado Counties, Cal.—Until April 13, 10:30 A. M., bids will be received by the Division of Highways, C. R. Whitmore, District Engineer, 703 B St., Marysville, for applying penetration oil treatment on about 36.7 miles in Colusa, Yolo, Butte and El Dorado Counties, between Route 15 and Rumsey; Forest Ranch and Lomo; Yolo-Colusa County Line and Grimes; and between Placerville and Georgetown.

The work involves:

(1) 340 tons liquid asphalt, SC-2 (Location A);
(2) 82 tons liquid asphalt, SC-4 (Location B);
(3) 82 tons liquid asphalt, SC-3 (Location C);
(4) 83 tons liquid asphalt, SC-4 (LocationD);

Plans and specifications obtainable from the above office and on file at the office of the DAILY PACIFIC BUILDER. *

CONTRACT AWARDED

SAN FRANCISCO—M. Bertolino, 32 Shotwell St., at $0.24 per sq. ft. awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,915 for construction or reconstruction of approximately 10,000 sq. ft. of one-course concrete sidewalks on Chestnut and other streets.

LOS ANGELES CO.—8.1 Mi. Pavement Widening—State

LOS ANGELES COUNTY, Calif. — Basich Bros., 20550 Normandie Ave., Torrance, at $47,000, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 8.1 miles widening pavement with Portland cement concrete and treating adjacent shoulders with liquid asphalt, in Los Angeles County between Lancaster and Kern county line.

The work involves:

(1) 340 M gals. water;
(2) 430 sta. salvaging exist. oiled shoulders;
(3) 24,000 sq. yds. preparing subgrade
(4) 430 sta. finishing roadway;
(5) 40 tons liquid asphalt SC-2 (prime coat);
(6) 160 tons liquid asphalt SC-2 (shoulders);
(7) 39,000 sq. yds. preparing, mixing and shaping shoulders;
(8) 4060 cu. yds. Class B Portland cement concrete (pave);
(9) 12,000 lbs. bar reinf. steel;
(10) 7200 each pave dowels.

Total bids follow:

(A) Basich Bros., Torrance, $47,000.
(B) Matich Bros., Elsinore, $51,639.
(C) Oswald Bros., Los Angeles, $54,804.00.
(D) M.J.B. Const. Co., Stockton, $56,073.00.
(G) Gibbons & Reed Co., Burbank, $60,503.00.
(F) Geo. R. Curtis Paving Co., Los Angeles, $62,001.10.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 3.00	$ 1.30	$ 1.35	$ 1.30	$ 2.40	$ 2.00
(2)	4.00	6.00	8.00	6.50	7.50	6.25
(3)	.10	.22	.10	.09	.11	.13
(4)	2.00	2.00	1.50	2.50	4.40	5.00
(5)	11.00	9.00	8.50	10.40	10.15	10.82
(5)	11.00	9.00	8.50	10.40	10.15	10.45
(7)	.07	.055	.045	.06	.055	.13
(8)	8.50	9.00	10.55	10.75	11.15	10.88
(9)	.07	.10	.065	.05	.05	.084
(10)	.10	.11	.11	.13	.25	.11

TO ASK BIDS

OAKLAND, Cal.—Bids will be asked shortly by City of Oakland Port Commission for paving and roadways to serve 504-foot extension at Outer Harbor Terminal.

30—RESERVOIRS & DAMS

BID OPENING POSTPONED

COLORADO RIVER PROJECT, Tex. —The Bureau of Reclamation, Austin, Texas, has postponed indefinitely the date for opening bids under Spec. No. 673, for the construction of the Arnold Dam and power plant and the processing of sand and crushed rock for the Arnold and Hamilton dams, Colorado River Project, located west of Austin and near Burnet and Kingsland, Texas, due to injunction proceedings. Bids were to have been opened March 31, 10 A. M.

CONTRACT AWARDED

YAKIMA PROJECT, Wash. — John Klug, Nyssa, Oregon, at $48,778 was awarded contract by the Bureau of Reclamation, Yakima, C. E. Crownover, Constructing Engineer, under Spec. No. 669, for construction of a spillway at the Kachess Dam, Yakima Project, located about 2½ miles northwest of Easton, Wash.

CONTRACT AWARDED

SALEM, Ore.—Slate Const. Co., Albany, at $14,500 awarded contract by the Salem City Council, A. W. Jones, City Recorder, for the excavation for construction of a reservoir of 10,000,000 gals. capacity. Material to be excavated will consist of earth and soft rock in a total amount approximating 37,400 c.y.

Stevens & Koon, Consulting Engineers, Spalding Bldg., Portland.

BIDS OPENED

COLORADO RIVER PROJ., Texas. —Brown & Root, Inc., Austin, Texas, at $38,507 submitted low bid to the Bureau of Reclamation, Austin, under Spec. No. 770-D, for construction of the north dike at the Hamilton Reservoir, Colorado River Project, Texas. The work is located about seven miles northeast of Beverly.

The other bids were:

H. B. Zachry & Co., Laredo, $46,400.

Dodds & Wedegartner, Inc., San Benito, Texas, $75,250.

H. P. Bunger, construction engineer.

PLANS BEING COMPLETED

HAVRE, Montana—Plans are being completed by the Bureau of Reclamation, Denver, for construction of the Chain of Lakes Reservoir of the Milk River Irrigation Project, estimated to cost $2,000,000. Project will include an earth fill dam about 75 ft. above the stream bed, 190 feet long along the crest, creating a reservoir for between 150,000 and 200,000 acre-ft. of water. The reservoir will extend 22 miles northwest along the river bed and will have a shore line of about 75 miles. Water outlet will probably be through concrete lined tunnel and concrete lined spillway will take care of overflow around north end of dam. H. H. Johnson, Superintendent, Malt, Montana.

EXTRA WORK AUTHORIZED

EUREKA, Humboldt Co., Calif.—City Council has authorized the T. E. Connolly - Hanrahan Co. to proceed with exploration work to determine a suitable foundation for the Mad River Dam, including tunneling from bank to bank under the river, about 20 ft. below the stream bed, and boring another tunnel on the west side of the river in a downstream direction. Work will be done on the basis of cost plus 15%. It is estimated that the cost will not exceed $7,000.

BOND ELECTION

SANTA CLARA COUNTY, Cal.—A special election will be held in the Santa Clara Valley Water Conservation District, May 12, to vote on a proposal to issue an additional $400,000 in bonds to complete financing of construction of several dams in the district.

BID OPENING POSTPONED

SALT RIVER PROJECT, Arizona—R. F. Walter, Chief Engineer of the Bureau of Reclamation, has announced that the date of opening bids under Spec. No. 674, for construction of the Bartlett Dam, Salt River Project, Arizona, has been indefinitely postponed. Bids were to have been opened by the Bureau, E. C. Koppner, Construction Engineer, Producer Bldg., Phoenix, April 7, 10 A. M.

BIDS WANTED.

SACRAMENTO, Cal. — Until April 23, 8 P. M., bids will be received by Sacramento City Council, H. G. Denton, City Clerk, for the construction of a water storage reservoir at the filtration plant, a PWA Project. Estimated cost $140,000.

Work consists of construction of a water storage reservoir or tank, rectangular in plan with reinforced concrete walls, floor, and a timber roof supported by pre-cast reinforced concrete and covered with roofing felt.

Major amounts of earthwork involved are:

(1) Reservoir A, 11,000 cu. yds.;
(2) Reservoir B, 12,000 cu .yds.;
(3) Reservoir C, 13,000 cu. yds.;
(4) Reservoir D, 15,000 cu. yds.;
(5) Reservoir E, 17,000 cu. yds.

Henry D. Dewell, 55 New Montgomery St., San Francisco, Consulting Engineer.

Plans and specifications obtainable from the office of the City Engineer upon deposit of $25.

BIDS WANTED

COLORADO RIVER PRJOECT, Texas—Until April 15, 10 A. M., bids will be received by the Bureau of Reclamation, Austin, Texas, H. P. Bunger, Construction Engineer, under Spec. No. 673, for the construction of the Arnold Dam and power plant and the processing of sand and crushed rock for the Arnold & Hamilton Dams, Colorado River Project. The work is located west of Austin and near Burnet and Kingsland, Texas.

Bids previously were advertised for opening March 31, but that date was extended.

Specifications provide for alternative bids on two different types of construction, one a concrete gravity dam and the other concrete slab and buttress dam. The contractor under either schedule shall construct and maintain a road between the end of the railroad at the Hamilton Dam and the Arnold Dam.

The principal items of work covered by schedules Nos. 1 and 2 follow:

SCHEDULE No. 1—Concrete Gravity Dam:

(1) 20,000 c.y. common excavation in open cut;
(2) 25,000 c.y. rock excavation in open cut;
(3) 136,000 c.y. concrete in dam and spillway bucket;
(4) 7,200 c.y. concrete in appurtenances to dam and in power house;
(5) 11,000 cu.ft. pressure grouting;
(6) Drilling 15,000 l.f. grout and drainage holes;
(7) Placing 500,000 lbs. reinforcement bars;
(8) Installing 135,000 lbs. standard steel, brass, and cast-iron pipe, fittings, and valves;
(9) Erecting 285,000 lbs. structural steel in power house and switchyard;
(10) Installing 415,000 lbs. gates, gate hoists, control mechanism, power penstock, cranes, and crane rails, metal pier noses, hand railing, trash rack, and other metalwork.

SCHEDULE No. 2—Reinforced Concrete Slab and Buttress Dam:

(11) 26,000 c.y. common excavation in open cut;
(12) 15,000 c.y. rock excavation in open cut;
(13) 34,800 c.y. concrete in buttresses and face slabs;
(14) 8,600 c.y. concrete in footings and spillway bucket;
(15) 13,000 c.y. concrete in mass sections of dam;
(16) 7,200 c.y. in appurtenances to dam and in power house;
(17) 7,700 c.f. pressure grouting;
(18) Drilling 7,700 l.f. grout holes;
(19) Placing 3,800,000 lbs. reinforcement bars;
(20) Installing 50,000 lbs. standard steel, brass, and cast-iron pipe, fittings, and valves;
(21) Erecting 285,000 lbs. structural steel in power house and switchyard;
(22) Installing 485,000 lbs. gates, gate hoists, control mechanism, power penstocks, cranes & crane rails, stocks, cranes and crane rails, metal pier noses, hand railing, trash rack and other metalwork.

Schedules Nos. 3 to 6, inclusive, provide for alternative bids on producing sand and crushed rock, including washing, if necessary, for concrete aggregate for the completion of the Hamilton Dam and for the construction of the Arnold Dam and power plant.

SCHEDULE No. 3—Processing Sand for Hamilton Dam and Arnold Gravity Type Dam:

(23) 200,000 tons sand.

SCHEDULE No. 4—Processing Sand for Hamilton Dam and Arnold Slab & Buttress Type Dam:

(24) 160,000 tons sand.

SCHEDULE No. 5—Processing Crushed Rock for Hamilton Dam & Arnold Gravity Type Dam:

(25) 16,000 c.y. stripping rock quarry;
(26) 135,000 tons 3/16 to ¾ in. size;
(27) 110,000 tons ¾ to 1½ in. size;
(28) 85,000 tons 1½ to 3 in. size;
(29) 100,000 tons 3 to 6 in. size.

SCHEDULE No. 6—Processing Crushed Rock for Hamilton Dam & Arnold Slab & Buttress Type Dam:

(30) 12,000 c.y. stripping rock quarry;
(31) 115,000 tons 3/16 to ¾ in. size;
(32) 95,000 tons ¾ to 1½ in. size;
(33) 65,000 tons 1½ to 3 in. size;
(34) 45,000 tons 3 to 6 in. size.

Work contemplated in Schedules Nos. 1 and 2 shall be commenced within 30 calendar days and completed within 600 calendar days from the date of receipt of notice to proceed. For the work contemplated in Schedules Nos. 3 to 6, inclusive, contractor shall begin work within 10 calendar days after date of receipt of notice to proceed and shall deliver not less than 10% of the quantities of sand and each size of crushed rock shown in the schedules within 60 calendar days and thereafter shall deliver sand and the various sizes of crushed rock at such rate that the concrete work in Hamilton and Arnold Dams will not be delayed, and in any event, the production of sand and crushed rock shall be completed within 400 calendar days from the date of receipt by the contractor of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation Austin, Texas; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, $5 per copy, not returnable.

CONTRACT AWARDED

LOS ANGELES, Cal.—Reilly Tar & Chemical Corp. awarded contract by the Metropolitan Water District at $13,203.35 for furnishing coal-tar enamel, primer and thinner; Spec. No. 151.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—Osterberg Bros., Rt. 4, Box 738, Modesto, submitted only bid and awarded contract by Modesto City Council H. E. Gragg, City Clerk, for drilling a well, furnishing and installing casing, sand pumping and developing the said

SUB-CONTRACT AWARDED

SAN DIEGO, Calif.—V. R. Dennis Const. Co., 3911 5th Ave., San Diego, has been awarded a subcontract by the Consolidated Steel Corp., general contractor, for all excavation and concrete work in connection with the laying of the El Capitan-Lakeside pipe line. Work near Lakeside started March 23. The contract between the Consolidated Steel Corp. and the city amounts to $412,359. *

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Oakland Sewer Const. Co., 9915 Walnut St., Oakland; at $27,312.35 submitted low bid to the Stockton City Council, B. L. Trahern, City Clerk, for the construction of a trunk line sewer extension.

The work involves:

(1) 275 l.f 12-in. vitrified clay pipe;
(2) 4,950 l.f. 4-in. do;
(3) 15 5-ft. diameter manholes;
(4) 11,911 sq. ft. asphalt pavement in place;
(5) 1 lamp hole.

Total bids follow:

(A) Oakland Sewer Const. Co., Oakland, $27,312.35.
(B) J. W. Terrell, Sacramento, $29,890.66.
(C) W. J. Tobin, Oakland, $30,397.90.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.50	$ 2.53	$ 2.84
(2)	3.98	4.55	4.35
(3)	130.00	136.00	110.00
(4)	.35	.31	.40
(5)	30.00	10.00	20.00

Bids held under advisement. Lyle Payton, City Engineer. *

ENGINEERS SELECTED

CARMEL, Monterey Co., Cal.—The Board of Trustees of the Carmel Sanitary District has selected Clyde C. Kennedy, 74 New Montgomery St. San Francisco, and Harold Gray, 2540 Benvenue Ave., Berkeley, to make a survey of the sewage disposal problem.

CONTRACT AWARDED

LOS ANGELES, Cal.—Newbery El. Corp., 315 W. 9th St., awarded contract by the Los Angeles board of public works at $12,471 for furnishing and installing recording and control systems at Terminal Island sewage treatment plant, San Pedro. PWA Project No. 5633, Unit 3-G. Bids were opened January 22. *

33— WATER WORKS

BIDS WANTED

LOS ANGELES, Cal.—Until May 5, 1:30 P. M., bids will be received by the Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., under Proj. No. 906, for furnishing and installing complete, at the Veterans Administration Facility, Los Angeles, two deep well pumps.

Specifications obtainable from the above office and from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto.

CONTRACT AWARDED

SAN FRANCISCO.—Ocean Shore Iron Works, 550 Eighth St., at $135.00 awarded contract by the Department of Public Works, City Hall, for furnishing and installing one open top steel surge water tank in the engine room, Hall of Justice. Tank to be 4x4-ft. x ¼-in. with three I beams, 6x48-in. for base. To be treated inside and outside with prime coat of red lead and two coats of bituline solution.

BIDS WANTED

SANTA CRUZ, Cal.—Until April 13, 9:15 A. M., bids will be received by the Santa Cruz City Council, S. A. Evans, City Clerk, for furnishing filter tank for the water system, as follows.

(1) Two steel filter tanks, 8-ft. in diam., 20-ft. in length; sidewalls, 5/16-in. thick; heads or ends, ⅜-in. thick; electrically butt welded; to be constructed for an operating pressure of 50 lbs. per sq. in. The interior of the tanks to be equipped with a distributing trough, etc.
(2) Necessary 8-in. galvanized steel header, drilled and lapped similar to present strainer system, and two complete sets of 1¼-in. galv. steel laterals with brass eyelets.

specifications obtainable from the office of the City Engineer.

Delivery f.o.b. Santa Cruz Pumping Plant at Crossing St., within 20 days after award of contract. *

CONSTRUCTION POSTPONED

AIEA, T. H.—Construction of a water supply tunnel at the Naval Station, Aiea, Honolulu, under Spec. No. 8139, has been indefinitely postponed according to an announcement by the Bureau of Yards and Docks, Washington, D. C. Estimated cost, $100,000. Bids were to have been opened March 25.

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

SACRAMENTO, Calif. -- Kamlan Fence Co., 351 Bryant St., San Francisco, at $650 submitted low bid to City Council for furnishing galvanized chain link tennis fence for McClatchy Park, Sacramento.

Complete bids follow:

Kamlan Fence Co., S. F. $650.00
Wickwire Spencer Co., S. F. 784.00
California Wire Cloth Co., Oakland 785.00
Anchor Post Fence Co., S. F. 810.00
Standard Fence Co., Oakland 822.72

Bids held under advisement until April 2. *

BIDS OPENED

SACRAMENTO, Calif. — Kamlan Fence Co., 351 Bryant St., San Francisco, at $1,230 submitted low bid to City Council for furnishing galvanized chain link tennis fence for McKinley Park, Sacramento.

Complete bids follow:

Kamlan Fence Co., S. F. $1,230.00
Wickwire Spencer Co., S. F. ... 1,463.00
California Wire Cloth Co., Oakland 1,595.00
Standard Fence Co., Oakland 1,597.68
Anchor Post Fence Co., S. F. 1,646.00

Bids held under advisement until April 2. *

BIDS WANTED

McMINNVILLE, Ore.—Bids are being received by the Custodian, McMinnville post office, for seeding and planting grounds at the U. S. post office site.

CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Cal.—Pacific Nursery, Colma, at $722.77 awarded contract by Treasury Department for seeding and planting the grounds at the U. S. Post Office, Redwood City.

35— TUNNELS

BIDS WANTED

MULTNOMAH COUNTY, Ore.—Until April 15, 10 A. M., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for the construction of the Columbia River Highway grading and tunnel project No. 28-A, National Forest Road

project, located within the Mt. Hood National Forest, Multnomah County.

The length of the project is approximately 0.028 mile grading; 0.158 mile tunnel; 0.115 mile haul road; 0.182 mile paving, and the principal items of work involved are:

(1) 4 acres clearing;
(2) 3 acres grubbing;
(3) 35,700 c.y. unclassified excavation
(4) 11,000 c.y. mile overhaul;
(5) 837 l.f. tunnel excavation;
(6) 70 MFBM untreated timber;
(7) 2,830 c.y. Class D concrete;
(8) 186,000 lbs. reinforcing steel;
(9) 320 c.y. cement rubble masonry;
(10) 800 l.f. corrugated galv. metal pipe;
(11) 860 l.f. 8-in. porous tile underdrain;
(12) 240 sq. yds. 6-in. cement rubble tunnel and girder facing;
(13) 90 c.y. arch ring stone and pylon masonry;
(14) 2,680 sq. yds. cement concrete paving;
(15) Lump sum, lighting system complete;
(16) Lump sum, extra and miscellaneous force account items.

Plans and specifications obtainable from the above office upon deposit of $10.00. *

BIDS REJECTED

LOS ANGELES, Cal.—All bids received by the Los Angeles Water and Power Bureau for the construction of the Ivanhoe Reservoir outlet tunnel and appurtenant structures under Spec. No. X-13, have been rejected, due to the fact that PWA funds were not available to the Department for the project.

Mike Radich and C. T. Brown, 410 N. Formosa St., Los Angeles, at $64,778 submitted lowest bid.

FUNDS ASKED

YUBA COUNTY, Cal.—The Browns Valley Irrigation District has filed a new application with the PWA for a loan and grant to finance construction of a 5-mile tunnel through the mountains to replace eight miles of wooden flume and ditch line. Cost is estimated at $1,750,000. E. Floyd Forbes is handling the application.

U. B. Gilroy, Marysville, engineer.

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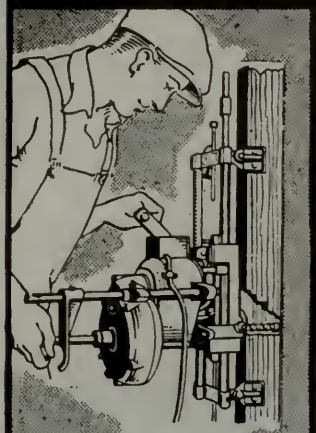

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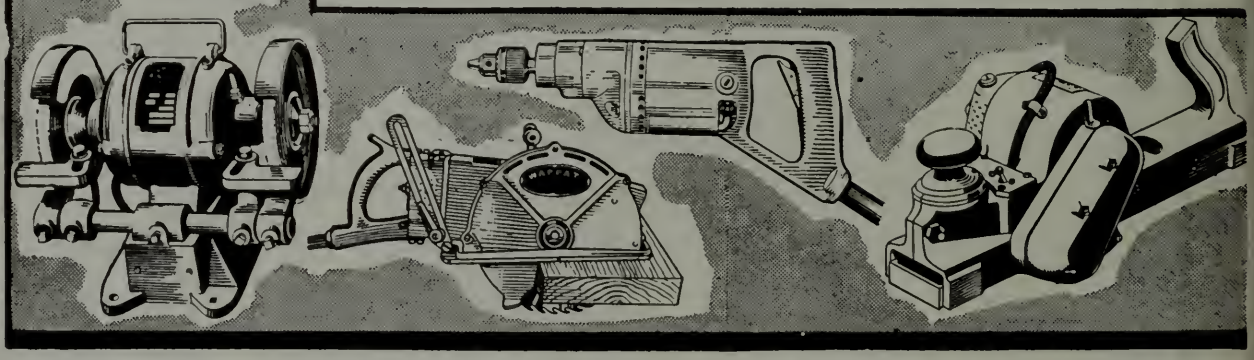

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Vol. XIX SAN FRANCISCO, CALIF., APRIL 11, 1936 No. 15

Western Building Permits $20,035,000; March Total Sets Five-Year Record

As promised Spring home-building programs began to mature, the building permit totals of western states climbed to a new five-year high last month.

Permits were granted by principal city and county inspection departments in seven western states for work valued at $20,035,406, an increase of nearly 90 per cent over the same month last year. It was a gain of $5,400,000, or about 37 per cent over the value of permits reported in February.

The feature of the month's awards was the high proportion of residential work. San Francisco reported 70 per cent of its permits were for homes or apartments; Los Angeles, 54 per cent; Oakland 48 per cent. Many of the smaller cities issued more permits for dwellings than in any month of recent years. Sacramento reported the biggest month for this type of work since 1929; San Jose an eight-year record total; Santa Cruz the best in five years. Indications in all localities were that new records would be established in April.

$372,000 SUBWAY CONTRACT ON BID SCHEDULE

State Offers Alameda And Lassen Grade Separation Projects

SACRAMENTO, April 7. — Bids for construction of two grade separation structures in Northern California will be received by the State Division of Highways April 29. The contracts advertised include an underpass beneath tracks of the Southern Pacific and Western Pacific railroads at San Leandro street in Oakland, for which $372,000 in Federal funds has been allotted.

This structure will require 3,800 cubic yards of concrete, 840,000 lbs. reinforcing steel and 130,000 lbs. structural steel. Roadway excavation is estimated at 26,000 cu. yds. There is to be installed 3610 feet of clay pipe drain and 900 feet of metal pipe drain and 3050 feet of pipe handrail. Electrical and pumping equipment is included in the general contract.

Bids will be received on the same date for constructing an overhead crossing of tracks of the Great Northern near Nubieber, Lassen County. It will be of steel and timber, with concrete deck.

The highway division also called for bids today to be opened in Los Angeles April 30 for constructing a steel truss bridge across the Santa Margarita River, north of Oceanside, San Diego County. An allotment of $300,000 was included in the regular biennial program for this contract. Principal construction items are 2550 cubic yards of concrete; 1,205,000 pounds structural steel; 18,245 feet untreated Douglas fir piles.

THREE ELECTED BY CENTRAL CHAPTER

Election of three contractors to membership in Central California Chapter, Associated General Contractors, during the past month is announced by W. E. Hague, secretary-manager. The new members are Fred J. Early, Jr., 369 Pine St., San Francisco; John Hachman, Stockton; H. K. Schulz, 811 Mendocino Avenue, Berkeley.

The Associated Oil Company was elected to associate membership to be represented by C. R. Brown, assistant to the president.

EXCHANGE ELECTS THREE MEMBERS

Three firms were admitted to membership in the San Francisco Builders' Exchange last month, E. M. Hundley, secretary announces. They are: Bruce M. Allen & Co., 1043 Russ Building, insurance brokers; Chianti Gravel Co., 443-A Mills Building, concrete aggregates; Alfred A. Pyle, Ltd., 290 Tehama St., tiling contractor.

ORDER REDUCES VALLEY PROJECT APPROPRIATION

Construction Fund Cut To $8,100,000 Because Of Delays

Emergency Relief Act funds, originally amounting to $15,000,000, allocated for initial construction on the Central Valley Project have been reduced by executive order to $8,100,000, Acting Commissioner John C. Page of the Reclamation Bureau announced Saturday in Washington.

Commissioner Page was quoted in dispatches as attributing the reduction of the allotment to delays in starting work.

"Complications as to rights-of-way and other things have been contributing factors to the delay which resulted in this executive order," Mr. Page said.

The first allotment was intended to finance work contemplated in the 1936 fiscal year. It was allocated as follows:

Excavation for Kennett Dam	$ 500,000
Relocation & Reconstruction of Highway traversing Kennett Reservoir site	5,000,000
Construction of Contra Costa Conduit	2,500,000
Purchase of Water Rights in San Joaquin	2,000,000
Construction of Friant Dam	3,500,000
Construction of Madera Canal	500,000
Construction of Friant-Kern Canal	1,000,000

There is pending in Congress an appropriation for the Interior Department carrying $16,000,000 for the Central Valley Project to continue work through the fiscal year 1937. The bill has been passed by the Senate, but not by the House of Representatives due to reported opposition of eastern interests to further reclamation expenditures.

Other reductions from previous allotments to reclamation construction projects include $3,000,000 cut from the All-American Canal fund, reducing it to $12,000,000, and $400-000 from the Owyhee Project apportionment, reducing it to $100,000.

IN NEW OFFICES

Architect John Anthony has moved his offices from 1849 Arch St., Berkeley, to 2014 Shattuck Avenue.

$4,200,000 WORK AUTHORIZED BY FAIR DIRECTORS

Bids April 29 For Ferry Slips At Shoals Site

A construction schedule for the 1939 World's Fair, involving expenditure of $4,209,609 in funds under allocations of the Public Works Administration was announced yesterday by Leland W. Cutler, president of San Francisco Bay Exposition, Inc. The first contract to be let will be for constructing passenger and freight ferry slips, for which plans have been completed. The call for bids will be issued Monday by the Public Utilities Commission and proposals will be received April 29. Estimated cost is $457,300.

The PWA program, which received final approval of the Federal authorities yesterday, includes construction of an administration building, ferry slips, two airplane hangars, airport terminal building, ferry terminal, five large exhibit buildings and paving of roads on the site. The hangars and terminal building will be of permanent construction and will remain for use in operation of the municipal airport after the exposition closes.

Following is the tentative schedule for taking bids on the major contracts fixed by W. P. Day, director of works for the exposition corporation:

April 29: Ferry slips, three for passenger carriers and one for freight, including necessary timber piling, fenders, aprons and hydraulic controls; estimated cost, $457,300.

July 1: Two airplane hangars, reinforced concrete and steel construction on pile foundations; estimated cost, $685,300.

August 1: Airport terminal building, two stories of reinforced concrete and steel construction on pile foundations; estimated cost, $715,300.

September 1: Group of five exhibit buildings, wood frame construction; estimated cost, $1,399,607. Ferry terminal building, estimated cost, $274,900. Paving of driveways, sidewalks, etc.; estimated cost, $441,400.

In addition to the PWA program, Mr. Cutler, asserted, there will be spent between now and the opening of the exposition a total of $7,937,491 for construction. This includes reclamation of the site, landscaping and horticultural work, construction of roads, bridges and trestles, giving access to the site from the San Francisco-Oakland Bay Bridge, and for installation of water, sewerage, drainage and other utilities.

PARKER LOW ON TRACY POST OFFICE

WASHINGTON, D. C., April 9.—K. E. Parker Co., San Francisco, today submitted the low bid to the Treasury Department for erecting the Tracy Post Office building. The bid was $51,490. Second low bid was offered by Robert E. McKee, Los Angeles, $54,350; third by Dinwiddie Construction Co., San Francisco, $57,300.

This was the second time bids had been taken for the Tracy contract. The K. E. Parker Co. was low bidder also on the first offering.

Electrical Fee Account System To Be Abolished

Fees for electrical permits will be collected in advance by the San Francisco Department of Electricity after May 15, Ralph W. Wiley, chief of the department, announces. The now order concludes an arrangement heretofore in effect where the department kept a ledger account for electrical contractors and billed them each month for the fees due.

Controller Leonard Leavey has directed that the practice be discontinued.

Mr. Wiley's notice to electrical contractors states:

On and after May 15, 1936, the Department of Electricity will not be permitted by the controller to carry accounts receivable for registered electrical contractors.

It has been the practice in the past to send out bills each month for fees due the department. Under the new ruling, fees due the department must be paid before a permit can be issued; in other words, the department is not permitted to keep a ledger account from one month to another.

I would, therefore, suggest that electrical contractors determine before May 15, 1936, if there is any money owing the department, and, if so, to pay it immediately to prevent refusal of permits after that date.

Also, in accordance with the provisions of the new charter, the controller will hereafter mail to the contractor a check to cover any refund allowed on a permit as this department is not permitted to credit any permit with such refund.

Shipments of malleable iron castings during the first two months of 1936 totaled 88,863 short tons, as compared with 84,777 during the corresponding period last year and 64,356 during the first two months of 1934, the Bureau of the Census reports.

CITY PLANS NEW BUILDING AT AIRPORT

Bids Called For $150,000 Headquarters Structure By Utilities Board

Bids for construction of a $150,000 administration building at San Francisco's municipal airport will be opened April 29 by the Public Utilities Commission, it is announced.

The building, which is to provide a modern and impressive entrance to San Francisco for air travelers, will be situated on the site of the present administration building at the center of the west side of he field adjacent to Bayshore highway.

Designed to allow future expansion, the building to be constructed under the contract now out for bids will include the two-story central portion with an operating tower and the south wing. A north wing corresponding with that at the south end of the structure will be erected later. For the present, a temporary frame kitchen wing will be built at the north end of the building.

As planned by the commission's engineering bureau, the building will be of reinforced concrete with reinforced concrete structural walls metal lath and plaster partitions and tile roof.

In addition to administrative offices, facilities for handling air mail and air express, together with traffic and business offices of airlines, will be included.

The operating tower above the central portion of the building will contain radio and meteorological apparatus and complete equipment for directing air traffic at the field.

Among other features of the structure will be a cocktail lounge and coffee shop, the kitchen for which will be located temporarily in the frame wing, eventually in the proposed north wing.

The new building is planned as the permanent administrative headquarters for the land plane portion of the field. Construction will be financed in part by a grant from the Federal Public Works Administration.

RENO CARPENTERS SEEK PAY INCREASE

Contractors have been advised by the carpenters' union that an increase in basic wages paid Reno carpenters will become effective May 1, it is reported. New scale for the Nevada workers would be $1.25 per hour or $10 per day, an increase of 17½ cents per hour from the present scale of $1.07½ per hour or $8.60 per day.

The wage scale for Reno electricians, which was submitted to arbitration several months ago, has been granted and became effective April 1. The new scale is $1.37½ per hour, an increase of 12½ cents from $1.25, the former scale.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
608	Raven	Sandino	6000
609	Anderson	Owner	3000
610	Paperovnik	Owner	2500
611	Stoneson	Owner	3500
612	Same	Owner	3500
613	Same	Owner	3500
614	Same	Owner	3500
615	Same	Owner	3500
616	Same	Owner	3500
617	Same	Owner	3500
618	Austin	Ratto	1400
619	Johnson	Owner	3500
620	Standard	Barrett	3900
621	Penoat	Well	4000
622	Lord	Owner	1000
623	King	Owner	10000
624	Gilpin	Berg	3500
625	Maresi	Owner	3000
626	Berwick	Owner	3500
627	Berwick	Owner	3500
628	Antonini	Moresi	3000
629	Toulouse	Owner	2500
630	Wellman	Sibley	5000
631	Reco	Owner	4000
632	Stevens	Owner	4000
633	United	Fink	1500
634	Prout	Owner	5000
635	Allied	Ostlund	3000
636	Moresi	Owner	3000
637	Ewen	Sandino	4000
638	Gueterslop	Callaghan	2000
639	Harris	Owner	4500
641	Thorinson	Owner	3500
642	Thorinson	Owner	3500
643	Thorinson	Owner	3500
644	Thorinson	Owner	3500
645	Thorinson	Owner	3500
646	Thorinson	Owner	3500
647	Meyer	Owner	3800
648	Halsen	Owner	4000
649	Albee	—	9000
650	Bloch	Cicerone	22000
651	Christensen	Owner	4000
652	Christensen	Owner	4000
653	Stoneson	Owner	3500
654	Stoneson	Owner	3500
655	Stoneson	Owner	3500
656	Stoneson	Owner	3500
657	Hale	Barrett	1500
658	Quinto	McCarthy	4000
659	Monti	Early	1000

DWELLING
(608) E ALMADEN ST. 203 N Anza St. One-story and basement frame dwelling.
Owner—J. Raven, 1711 Lombard St., San Francisco.
Architect—Not Given.
Contractor—F. J. Sandino Jr., 2645 Sacramento St., S. F. $6000

DWELLING
(609) W TWENTY - EIGHTH AVE. 150 S Ulloa St. One-story and basement frame dwelling.
Owner—N. W. Anderson, 2427 24th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(610) W RHODE ISLAND ST. 175 S 19th St. One-story frame dwelling.
Owner—Nicolai Paprovnik, 767 Rhode Island St., San Francisco.
Architect—Not Given. $2500

DWELLING
(611) SW SEMINOLE 60 E Delano. One - story and basement frame dwelling.
Owner and Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Not Given. $3,500

DWELLING
(612) NE MT. VERNON 48 W Cayuga. One - story and basement frame dwelling.
Owner and Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Not Given. $3,500

DWELLING
(613) NE MT. VERNON 73 W Cayuga. One - story and basement frame dwelling.
Owner and Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Not Given. $3,500

DWELLING
(614) S CAYUGA 160 NE Mt. Vernon. One - story and basement frame dwelling.
Owner and Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Not Given. $3,500

DWELLING
(615) NE MT. VERNON 23 W Cayuga.
DWELLING
One - story and basement frame dwelling.
Owner and Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Not Given. $3,500

(616) SW SEMINOLE 35 E Delano. One - story and basement frame dwelling.
Owner and Builder—Stoneson Brothers, 1630 Ocean Avenue.

DWELLING
Architect—Not Given. $3,500
(617) S CAYUGA 185 NE Mt. Vernon. One - story and basement frame dwelling.
Owner and Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Not Given. $3,500

ALTERATIONS
(618) 1104 VALENCIA Street. Alter restaurant.
Owner—Geo. E. Austin, 111 Sutter St.
Architect—Not Given.
Contractor—Victor E. Ratto, 4594 19th Street. $1,400

DWELLING
(619) E 28th AVE. 175 N Rivera. One-story and basement frame dwelling.
Owner—N. E. Johnson, 666 Mission St.
Architect—Not Given. $619

ALTERATIONS
(620) 245 11th STREET. Alter offices
Owner—Standard Brands of California, 245 11th Street.
Contractor—Barrett & Hilp, 918 Harrison Street. $3,900

DWELLING
(621) E 17th AVE 365 N Quintara. One - story and basement frame dwelling.
Owner—Edward H. Penoat, 519 California Street.
Architect—Not Given.
Contractor—Well - Built Homes, Inc., 519 California St. $4,000

ALTERATIONS
(622) 405 MONTGOMERY ST. Alter offices.
Owner—California - Montgomery Co., 405 Montgomery Street.
Architect—Not Given. $3,000

ALTERATIONS
(622) 406 MONTGOMERY ST. Alter offices.
Owner—M. L. Lord, 406 Montgomery.
Architect—Not Given. $1,000

FLATS
(623) W 32nd AVE. 150 S Anza St. Two - story and basement frame flats.
Owner—M. J. King, 321 Franklin St.
Architect—S. A. Colton, 544 Market Street. $10,000

DWELLING
(624) W 42nd AVE. 225 N Kirkham. One - story and basement frame dwelling.
Owner—J. D. Gilpin, 265 San Leandro Way.
Architect—Not Given.
Contractor—Einar J. N. Berg, 24 Stillings Street. $3,500

DWELLING
(625) W SAN BRUNO 125 NE Ordway. One - story and basement frame dwelling.
Owner—Raymond Maresi, 329 10th St.
Architect—F. W. Dakin, 625 Market Street. $3,000

DWELLING
(626) W LAMARTINE ST. 175 N Cayuga St. One-story and basement frame dwelling.
Owner—A. Berwick, 1525 Noe Street, San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3500

DWELLING
(627) W LAMARTINE ST. 200 N Cayuga St. One-story and basement frame dwelling.
Owner—A. Berwick, 1525 Noe St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3500

DWELLING
(628) W SAN BRUNO AVE. 150 NE Ordway St. One-story and basement frame dwelling.
Owner — F. Antonini, 2385 Lombard St., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor—Raymond Moresi and F. Antonini, 329 10th St. $3000

ALTERATIONS
(629) NO. 821 LINCOLN WAY. Alter laundry.
Owner—Simon Toulouse, Premises.
Architect — Reddick H. Bickel, 9 Geary St., San Francisco. $2500

INDUSTRIAL BLDG.
(630) W BAYSHORE BLVD. 460 N Cortland. One-story Class C industrial building.
Owner—C. A. Wellman, % Contractor.
Engineer—Jas. H. Hjul, 128 Russ St., San Francisco.
Contractor—Sibley Grading & Teaming Co., 165 Landers St. $5000

DWELLING
(631) E ALEMANY BLVD. 110 N Ottawa St. One-story and basement frame dwelling.
Owner—Reco Corp., 1136 Clement St., San Francisco.
Architect—Not Given. $4000

DWELLING
(632) W TWENTY-NINTH AVE. 250 N Fulton St. One-story and basement frame dwelling.
Owner—Chas. A. Stevens, 874 27th Ave., San Francisco.
Architect—Not Given. $4000

ALTEHATIONS
(633) NO. 354-362 GEARY STREET. Alter store.
Owner—United Realty Co., 350 Geary St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—The Fink & Schindler Co. 552 Brannan St., S. F. $1500

DWELLING
(634) SW MERCED & KENSINGton Way. Two-story and basement frame dwelling.
Owner—J. Prout, 2530 Fillmore St., San Francisco.
Architect — Chas. K. Strothoff, 2274 15th St., San Francisco. $5000

ALTERATIONS
(635) NO. 308 POST ST. Alter store
Owner — Allied Properties, % Contractor.
Architect—Albert F. Roller, Crocker First National Bank Bldg., S. F.
Contractor—Ostlund & Johnson, 1901 Bryant St. $3000

DWELLING
646) W SAN BRUNO AVE. 175 NE Ordway St. One-story and basement frame dwelling.
Owner—Raymond Moresl and F. Antonini, 329 10th St., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco. $3000

DWELLING
(637) E THIRTY-FIFTH AVE. 100 S Ulloa St. One-story and basement frame dwelling.
Owner—Delphine M. Ewen, 740 Clayton St., San Francisco.
Architect—Not Given.
Contractor — Frank J. Sandino Jr., 2645 Sacramento St. $4000

ALTERATIONS
(638) NO. 3822-24 CALIFORNIA ST. Alter flats.
Owner—John Guetersiop, 2398 Webtesr St., San Francisco.
Architect—Not Given.
Contractor—Jack Callaghan, 900 Clayton St., San Francisco. $2000

DWELLING
(638) E SIXTEENTH AVE. 225 S Vicente St. One-story and basement frame dwelling.
Owner—R. F. Harris, 1801 Beach St., San Francisco.
Architect—Not Given. $4500

DWELLING
(641) W THIRTY-FIRST AVE. 170 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(642) W THIRTY-FIRST AVE. 95 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(643) W THIRTY-FIRST AVE. 120 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(644) W THIRTY-FIRST AVE. 105 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(645) W THIRTY-FIRST AVE 220 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(646) W THIRTY-FIRST AVE 145 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(647) NW JUANITA WAY 155 SW Fowler St. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Ave. San Francisco.
Architect—Not Given. $3800

DWELLING
(648) NE ULLOA ST & TWENTY-seventh Ave. One-story and basement frame dwelling.
Owner—A. Halsen, 2427 25th Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4000

APARTMENTS
(649) E DARRELL PLACE 137 N Filbert St. Three-story and basement frame apartments.
Owner—W. H. Albee, 25 Napier Alley San Francisco.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Not Awarded. $9000

APARTMENTS
(650) NE ALMADEN AND ANZA Sts. Two-story and basement frame apartments.
Owner——Edward M. Bloch, 510 Battery St., San Francisco.
Architect — Conrad T. Kett, Clunie Bldg., San Francisco.
Contractor — The Cicerone Co., 1101 Potrero Ave. $22,000

DWELLING
(651) S BALBOA ST. 95 W 43rd Ave. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(652) SW FORTY-THIRD AVE & Balboa St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(653) E THIRTY-SECOND AVE. 50 N Kirkham St. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(654) E THIRTY-SECOND AVE. 100 N Kirkham St. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(655) E THIRTY-SECOND AVE. 25 N Kirkham St. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(656) E THIRTY-SECOND AVE. 75 N Kirkham St. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(657) NO. 1222 - 1240 MISSION ST. Alter stores.
Owner—Hale Bros., Inc., Fifth and Market St., San Francisco.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $1500

DWELLING
(658) W FORTY-THIRD AVE. 275 S Lawton St. One-story and basement frame dwelling.
Owner—G. V. Quinto, % Contractor.
Architect—C. W. Baker, 155 Montgomery St., San Francisco.
Contractor — Robt. McCarthy, 1363 14th Ave., San Francisco. $4000

ALTERATIONS
(659) NO. 683 BROADWAY. Alter stores and hall.
Owner—Elsie Monti, 922 Vallejo St., San Francisco.
Architect—Not Given.
Contractor—F. J. Early Jr., 369 Pine St., San Francisco. $1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
366	Netherby	Owner	4000
367	Rush	Bryant	1000
368	Weeks	Owner	1500
369	Bauman	Hawthorne	5500
370	Henry	Melrose	1000
371	Netherby	Owner	5000
372	Turner	Greenlaw	1500
373	Peel	Owner	4500
374	Evans	Owner	1000
375	Celli	Ungaretti	14000
376	Klein	Owner	5000
377	Condich	Baker	1233
378	Swanson	Waldman	4150
379	Stroud	Owner	4500
380	Carlson	Owner	6000
381	Carney	Deldine	1000
382	Cardoza	Sorensen	5000
383	Forster	Millar	6000
383	Lyng	Christensen	9800
384	City	Owner	1500
385	Evans	Walstrom	3600
386	Peshel	Owner	5400
387	Lincoln	Owner	8500
389	Roberts	Owner	4000
390	City	Norris	8000
391	Luetge	Pressler	5000
392	Dashell	Owner	4000
393	Haskell	Courtwright	6000
394	Coleman	Owner	1000
395	Fontes	Schmidt	5300
396	Fleming	Anderson	8500
(397	De Vilbiss	Coats	7000
398	Taylor	Western	15985
399	Crocker	Crocker	5500
400	Murphy	Wallin	5000
401	Anderson	Rosenberg	2000
402	Holloway	Johanson	4000
403	Lavin	Owner	1000
404	Whiting	Lynn	13000

ALTERATIONS
(365) NO. 2601 ADELINE STREET, **OAKLAND.** Alterations.
Owner — Kraft Phenix Cheese Corp., 962 Battery St., San Francisco.
Architect—W. Adrian, 417 Market St., San Francisco.
Contractor—Cahill Bros., Inc, 206 Sansome St., San Francisco. $5000

DWELLING
(366) NO. 415 VASSAR STREET, **BERKELEY.** One-story five-room frame dwelling and garage.
Owner—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given. $1000

SIGN
(367) NO. 2853 BROADWAY, **OAKLAND.** Electric sign.
Owner—A. M. Rush, Premises.
Architect—Not Given.
Contractor — Bryant Neon Sign Co., 278 2nd St., Richmond. $1000

STATION
(368) NO. 4425 PIEDMONT AVE., **OAKLAND.** Steel service station
Owner—Weeks & Kurth.
Architect—Not tGiven. $1500

STORE
(369) 3614 FOOTHILL BLVD., **OAKLAND.** One-story store.
Owner—W. J. Bauman, 3614 Foothill Blvd., Oakland.
Architect—Not Given.
Cntractor—Hawthorne, Baugh, 2101 64th Ave., Oakland. $5500

ADDITIONS
(370) 1500 EAST 33rd ST., **OAKLAND.** Additions.
Owner—Mr. and Mrs. C. Henry.
Architect—Not Given.
Contractor — Melrose Builders, 1700 47th Ave., Oakland. $1000

DWELLING
(371) 484 VASSAR, **BERKELEY.** Two-story 6-room frame dwelling and garage.
Owner and Builder—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given. $5,000

ADDITIONS
(372) 2737 DURANT AVE., **BERKELEY.** Additions.
Owner—Mrs. Ada Turner, premises.
Architect—Not Given.
Contractor — C. M. Greenlaw, 5975 Keith Ave., Berkeley. $1500

DWELLING
(373) 10 HILLCREST ROAD, **BERKELEY.** Two-story 6-room frame dwelling.
Owner and Builder—M. A. Peel, 10 Oakdale, Berkeley.
Architect — J. B. Anthony, 10 Oak Knoll, Berkeley. $4500

ADDITION
(374) NO. 3863 THERMAL AVENUE **OAKLAND.** Addition and alterations.
Owner—Mrs. W. C. Evans, Premises.
Architect—Not Given. $1000

DWELLING
(375) NO. 1801 MELVIN ROAD, **OAKLAND.** Two-story 8-room dwelling.
Owner—B. Celli, 639 Montclair Ave., Ave., Oakland.
Architect—Ray F. Keefer, 770 Wesley Ave, Oakland.
Contractor — Chas. Ungaretti, 1727 Foothill Blvd., Oakland. $14,000

DWELLING
(376) NO. 132 ALTA ROAD, **OAKLAND.** One-story 6-room dwlg.
Owner — Matthew Klein, 4071 Oakmore Road, Oakland.
Architect—Not Given. $5000

ALTERATIONS
(377) NO. 5557 LAWTON AVENUE, **OAKLAND.** Alterations and addition.
Owner—Dr. J. C. Condit, Premises.
Architect—Not Given.
Contractor—W. J. Baker, 2255 Ransome Ave., Oakland. $1233

DWELLING
(378) NO. 5627 WALNUT STREET, **OAKLAND.** One-story six-room dwelling and one-story frame garage.
Owner—J. Swanson.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $4150

DWELLING
(379) NO. 1385 ACTON STREET, **OAKLAND.** One-story six-room frame dwelling.
Owner—J. A. Stroud Jr., 370 17th St., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland. $4500

DWELLING
(380) NO. 1760 SPRUCE STREET, **BERKELEY.** Two-story 10-room frame dwelling and garage.
Owner — Oscar Carlson, 659 Santa Barbara Road, Berkeley.
Architect—Not Given. $6000

ADDITIONS
(381) NO. 962 CRAGMONT AVENUE **BERKELEY.** Additions.
Owner—C. Carney, Premises.
Architect—Not Given. $1000

DWELLING
(382) NO. 60 HALKIN LANE, **BERKELEY.** One - story six-room frame dwelling and garage.
Owner—S. J. Cardoza, 1414 Bonita St., Berkeley.
Architect—Scott Haymond, American Trust Bldg., Berkeley.
Contractor—Edw. M. Sorensen, 1907 Parker St., Berkeley. $5000

DWELLING
(383) NO. 1836 THOUSNAD OAKS Blvd., **BERKELEY.** Two - story Seven-room frame dwelling.
Owner—J. F. Forster, 306 15th St., Berkeley.
Architect—Not Given.
Contractor—Millar White Constr. Co., 306 15th St., Oakland. $6000

(388) 3833 ARABY AVE., **OAKLAND.**
STORE
(383) 2366 VALLEY ST., **OAKLAND.** Two-story concrete store.
Owner—A. Lyng, 1955 Webster Street, Oakland.
Architect—A. R. Froberg, 1955 Webster St., Oakland.
Contractor — H. J. Christensen Co., 1955 Webster St., Oakland. $9800

ALTERATIONS
(384) 537 52nd ST., **OAKLAND.** Alterations and additions.
Owner and Contractor—City of Oakland, City Hall.
Architect—Not Given. $1500

ALTERATIONS
(385) 6201 ASCOT DR., **OAKLAND.** Alterations and addition.
Owner—Will Evans, 6201 Ascott Dr., Oakland.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland. $3600

DWELLING
(386) 1634 LIEMERT BLVD., **OAKLAND.** One-story 6-room dwelling.
Owner and Builder—C. O. Peshel, 4276 Fruitvale Ave., Oakland.
Architect—Not Given. $5400

DWELLING
(387) 665 BLAIR, **PIEDMONT.** Two-story 7-room dwelling and garage.
Owner and Builder—Lincoln Construction Co., 750 Warfield, Piedmont.
Architect—Not Given. $8500

DWELLING
(388) 3833 ARABY AVE., **OAKLAND.** One-story 6-room dwelling.
Owner—Anita M. Dailey.
Architect—L. H. Ford, 2022 Berkeley Way, Berkeley.
Contractor—Herbert Green, 802 Cerrito St., Oakland. $4500

GARAGE.
(389) NO. 4325-29-33 HOPKINS ST., **OAKLAND.** One-story brick garage.
Owner—Chas. E. Roberts, 987 Scott St., Oakland.
Architect—Not Given. $4000

ALTERATIONS
(390) FOOT OF FRANKLIN ST., **OAKLAND.** Alterations and addition.
Owner—City of Oakland, Grove St., Pier.
Architect—Not Given.
Contractor—Ralph Norris, 359 17th St., Oakland. $8000

DWELLING
(391) NO. 3907 OAKMORE ROAD, **OAKLAND.** Two-story six-room dwelling.
Owner — W. A. Leutge, 3918 Elston Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland. $5000

DWELLING
(392) NO. 3363 MORCOM AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner—E. L. Dashell, 3700 Foothill Blvd., Oakland.
Architect—Not Given. $4000

DWELLING
(393) NO. 860 HILLDALE AVE., **BERKELEY.** Two-story 6-room frame dwelling and garage.
Owner—A. F. Haskell, 866 Regal Rr., Berkeley.
Architect—C. A. Phillips, 1463 Hopkins St., Berkeley.
Contractor—T. D. Courtwright, 349 51st St., Oakland. $6000

ALTERATIONS
(394) NO. 1289 CEDAR STREET, **BERKELEY.** Alterations.
Owner—W. D. Coleman, 961 Peralta St., Berkeley.
Architect—Not Given. $1000

DWELLING
(395) 4206 ATLAS AVENUE, **OAKLAND.** One-story 6-room dwelling.
Owner—Miss Florence Fontes, 2121 St. Jarlath Ave., Oakland.
Architect—Not Given.
Contractor—A. K. Schmidt, 3936 Elston Ave., Oakland. $5,300

DWELLING
(396) 5924 McANDREW DR., **OAKLAND.** Two-story 8-room dwelling.
Owner—Dr. W. C. Fleming.
Architect—Miller and Warnecke, Financial Center Bldg., Oakland.
Contractor—A. F. Anderson, 3524 Harbor View Ave., Oakland. $8,500

DWELLING
(397) 6010 BULLARD DRIVE, **OAKLAND.** Two-story 7-room dwelling.
Owner—Clyde De Vilbiss, Latham Sq. Bldg., Oakland.
Architect—Not Given.
Contractor—P. L. Coats, 2837 Foothill Blvd., Oakland. $7,000

WHARF
(398) 2201 EAST SEVENTH Street, **OAKLAND.** Timber wharf.
Owner—Taylor Milling Corp., 2211 E. 7th St., Oakland.
Architect—Edwin Draper, 309 Hobart St., Los Angeles.
Contractor—Western Industrial Engr. Co., 2201 E 7th St., Oakland. $15,985

DWELLING
(399) 5123 GOLDEN GATE AVENUE **OAKLAND.** Two-story six-room dwelling.
Owner — Faith Crocker, 30 Wilding Lane, Oakland.
Architect—Not Given.
Contractor—N. L. Crocker, 30 Wilding Lane, Oakland. $5,500

DWELLING
(400) 1539 LEIMERT BLVD., **OAKLAND.** One-story 6-room dwelling.
Owner—J. C. Murphy, 1478 Excelsior Ave., Oakland.
Architect—Not Given.
Contractor—Folke Wallin, 2150 50th Ave., Oakland. $5,000

DWELLING
(401) 1303 QUEENS ROAD, **BERKELEY.** Two-story 3-room frame dwelling.
Owner—T. R. Anderson, 1840 Berryman, Berkeley.
Architect—Not Given.
Contractor — C. C. Rosenberry, 1401 Mountain Blvd., Berkeley. $2,000

DWELLING
(402) 6233 BUENA VENTURA AVE., **OAKLAND.** One - story five-room dwelling.
Owner—A. T. Holloway, 2927 Rawson St., Oakland.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—K. A. Johanson, 2057 High St., Oakland. $4,000

ALTERATIONS
(403) 653 31st ST., **OAKLAND.** Alterations.
Owner and Contractor—Belle Lavin.
Architect—Not Given. $1,000

DWELLING
(404) 1561 HAWTHORNE Terrace, **BERKELEY.** Two-story 10-room dwelling.
Owner—H. H. Whiting, 1573 Hawthorne Terrace, Berkeley.
Architect—Malcolm & Reynolds, 411 30th St., Oakland.
Contractor—Willis F. Tynn, 1037 Ashmount Ave., Berkeley. $13,000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
33	Budde	Hanson	890
34	McCarthy	Duerner	3725
35	Panagouleas	McCarthy	6250

MOVE DWELLING
(33) NO. 3083 SAN JOSE AVENUE. All work for moving dwelling back 20 feet and lower to grade of San Jose Ave., etc.
Owner—Mrs. Wm. Budde, 77 Broad St., San Francisco.
Architect—Not Given.
Contractor—Hanson Bros., 5840 Mission St., San Francisco.
Filed Apr. 7, '36. Dated Sept. 6, '34.
Dwelling moved back.....$445
Work completed 445
TOTAL COST, $890
Bond, limit, forfeit, plans and specifications, none.

DWELLING
(34) W LEE AVE. 250 N Grafton Ave. All work for five-room frame and stucco dwelling and garage under.
Owner—The McCarthy Co., 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor—Will Duerner (as Aetna Constr. Co.), 238 Arleta St., S. F.
Filed Apr. 7, '36. Dated Mar. 25, '36.
Frame up 25%
Brown coat plaster on..... 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $3725
Bond, none. Limit, 90 working days.
Forfeit, $1 per day. Plans and specifications filed.

BUILDING
(35) E COLLINGWOOD SE. 165 N Twentieth St. All work for building.
Owner — Pete Panagouleas, % Contractor.
Architect—B. K. Dobkowitz, 425 Monterey Blvd., San Francisco.
Contractor — Robert McCarthy, 356 Church St., San Francisco.
Filed Apr. 8, '36. Dated Nov. 30, '35.
Frame up .....
Rough plaster on.....
When completed .....
Usual 35 days.....
TOTAL COST, $6250
Bond, none. Limit, 90 working days.
Forfeit, plans and specifications none.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
37	Condit	Baker	1233
38	Graham	Austin	11987
40	Fornoff	Kurtz	10261

ALTERATIONS
(37) 5557 LAWTON AVE., Oakland. Alterations.
Owner—Dr. J. C. Condit, 5557 Lawton Ave., Oakland.
Architect—Not Given.
Contractor—W. J. Baker, 2255 Ransome Ave., Oakland.
Filed, April 2, '36. Dated, Mar. 31, '36
Four quarterly payments on presentation of receipted bills for labor and material of.....$308.40
Last payment usual 35 days.
TOTAL COST, $1,233
Limit, 40 days.

ADDITIONS
(38) NEWARK. Additions to enamelling and assembly plants.
Owner—Jas. Graham Mfg. Co.
Architect—B. M. and David B. Clark, 310 University Ave., Palo Alto.
Contractor—The Austin Co., 516 18th St., Oakland.
Filed April 3, '36. Dated March 28, '36
Monthly payments of.....75%
Usual 35 days.....25%
TOTAL COST, $11,984
Forfeit, $10 per day. Limit, 50 days.
Plans and specifications filed.

DWELLING
(39) PTN LOTS 38-39 Map of Roberts Addn to Irvington. One-story 5-room and basement dwelling and garage.
Owner—C. M. Christensen, Irvington.
Architects—Wm. L. Higgins, Chester Root, associated, Security Bldg., San Jose.
Contractor—R. A. Griffin, 682 Fairview St., Oakland.
Filed, April 7, '36. Dated, April 6, '36.
Lump sum 35 days after filing notice of completion.
TOTAL COST, $5,000
Limit, 75 days. Plans and Spec. filed.

DWELLING
(40) LOT 2 BLK B, Montclair Acres, Oakland. Two-story and basement frame dwelling.
Owner—Homer S. Fornoff.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland.
Filed, April 7, '36. Dated, Mar. 16, '36
Frame up $2565.25
Brown coated 2565.25
Completion 2565.25
Usual 35 days 2565.25
TOTAL COST, $10,261.00
Limit, 100 days. Plans and Spec. filed.

SAN FRANCISCO UNDER $1000

ALTER dwelling, $25; 640 Madrid St. owner, Walter O. Hoeser, Prem.
ALTER dwelling, $135; 1680 Fulton Street; owner, Mrs. K. Graham, Premises.
BILLBOARD, $7; NE Fulton St. and Masonic Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
SIGN, electric, $100; 1741 Ocean Ave.; owner, Standard Station No. 1847, Prem.; contractor, Elec. Prods. Corp., 910 Harrison St.
ALTER restaurant, $60; 821 Pacific Ave.; owner, Lillian Wray Hunt, 182 San Benito Way.
SIGN, metal, $20; 501 Divisadero St.; owner, Safeway Stores, 1000 Brannan St.
ALTER restaurant, $310; SW Eddy and Buchanan Sts.; owner, John Mariana, Prem.; contractor, Theo. Petrikis, 2244 Taraval St.
FLUES, $50; W Alemany Blvd. 200 N Santa Rosa Ave.; owner, L. DePaoli, 3289 Mission St.; contractor, Precita Sheet Metal Wks. 3119 Harrison St.

ALTER flats, $375; 1281 5th Avenue; owner, S. Steinkamp, Premises.
SIGN, electric, $100; 1185 Market St.; owner, A. L. McIntire, Premises; contractor, Elec. Prods. Corp., 910 Harrison St.
BILLBOARD, $7; S Balboa St. 82 E 34th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
FLUES, $125; N Russian Hill Place 826 E Vallejo St.; owner, S. G. Heyman, Prem; contractor, Lowell Davison, 1250 9th Ave.
ALTER restaurant, $4; 2689 Lombard St.; owner, Yacht Harbor Tavern, Prem.; contractor, E. J. Lynch Elec. Co., 2080 Sutter St.
ALTER dwelling, $350; 411 Third Ave. owner, Mrs. B. Sorie, 378 2nd Ave.
ALTER dwelling, $365; 56 Levant St.; owner, E. A. Newton, Premises; contractor, J. F. Linder, 617 Moraga St.
FLUES, $50; W Alemany Blvd. 175 N Santa Rosa Ave.; owner, Le De Poali, 3289 Mission St.; contractor, Precita Sheet Metal Works, 3119 Harrison St.
ALTER offices, $500; 1026 Market St.; owner, Dr. S. W. Kramer, 1026 Market St.; contractor, A. M. Hardy, 736 Clementina St.
BILLBOARD, $13; SE McAllister St. and Masonic Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
SIGN, electric, $100; 890 Post Street; owner, Standard Station, Prem.; contractor, Elec. Prods. Corp., 910 Harrison St.
ALTER dwelling, $200; 323 26th Ave.; owner, Mark Wayman, Premises; contractor, W. B. Hacking, 2216 Clement St.
ALTER dwelling, $150; 6252 Third St. owner, Isabelle Kavanaugh, 6252 3rd St.; contractor, El Rey Bldg. & Cabinet Shop, 430 Holloway St.
ALTER dwelling, $250; 3631 21st St.; owner, J. A. Davis, Premises.
REPAIR fire damage to dwelling, $150 715 17th Ave.; owner , R. M. Rasmussen, Prem.; contractor, J. B. McSheehy, 137 Clifford Terrace
FLUES,, $50; W Cayuga St. 200 N Santa Ynez St.; owner, Boyd C. Lindsay, 183 Oxford St.; contractor, Walters Furnace & Sheet Metal Co., 2230 Market St.
ALTER apartments, $200; 869 Golden Gate Ave.; owner, Anna Stalke, Prem.; contractor, E. J. Yuistad, 184 Carl St.
ALTER commercial bldg., $230; 134-146 Battery St.; owner, Boyd Investment Co., 255 California St.; contractor, P. J. Walker Co., Sharon Bldg.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
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Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

PLANS BEING PREPARED

LOS ANGELES, Cay. — Architect Max Maltzman, 1698½ Cordova St., is preparing plans and desires to contact manufacturers representatives to discuss types of materials to be used in an 8-story Class A apartment building. Mr. Maltzman will be available every day, before noon, except Thursday. Cost, $175,000.

Plans Prepared.

APARTMENTS Cost, $——
FORT BRAGG, Mendocino Co., Calif.
Two-story and basement frame and stucco apartment (16 rooms) composition roofing, gas furnace, etc.
Owner—G. B. Alright.
Architect—Martin C. Parker, 218 E. First St., Long Beach.

Contract Awarded

APARTMENTS Cost, $10,136
PITTSBURG, Contra Costa Co., Cal. Redwood Street.
Two-story frame and stucco apartment building.
Owner—Mrs. Frances L. McBride.
Architect—Not Given.
Contractor—G. E. Seeno, 159 E Second St., Pittsburg. *

CONTRACT AWARDED

LOS ANGELES, Calif.—John Hudson, 617 S. Fairfax Ave., awarded contract for a two-story, eight,family, forty-room frame and stucco apartment building to be built at 501-05 Lanfair Ave., West Los Angeles, for the Landfair Realty Co. $42,000. Richard J. Neutra, 2348 Silver Lake Blvd., Architect.

Plans Being Figured—Bids Close April 13, 12 Noon.

APARTMENTS Cost, $——
SAN FRANCISCO.
Two - story frame and stucco studio apartments (two apartments).
Owner—Bessie Turner.
Architect—Fred. H. Reimers, 233 Post Street.

To Be Done By Day's Work.

ALTERATIONS Cost, $4000
CAPUCHINO MANOR, San Mateo Co. Cal. Park Way.
Alterations to apartments.
Owner and Builder—Peninsula Bldg. Loan Assn., 235 Second St., San Mateo.
Plans by Owner.

Sub-Contracts Awarded

APARTMENTS Cost, $50,000
SAN FRANCISCO. NW Bay St. and Webster.
Three-story and basement frame and stucco apartments (15 2- and 3-room apts.) flat roof, steam heating system, hardwood floors, tile baths, shower, etc.; New American plan.)
Owner—Grace Perego, Inc., 176 Sutter Street.
Architect—H. C. Baumann, 251 Kearny Street.
Structural Engineer—James M. Smith, 251 Kearny Street.
Structural Steel—Bethlehem Steel Co., 20th and Illinois Streets.
Lumber—San Francisco Lumber Co., Beach and Powell Streets.
Other awards will be made shortly.

Contract Awarded

APARTMENTS Cost, $25,000
SAN FRANCISCO. NE Almaden and Anza Streets.
Two - story and basement frame and stucco apartment building.
Owner—Edward M. Bloch, 510 Battery Street.
Architect—Conrad T. Kett, 610 Clunie Building.
Contractor—The Cicerone Co., 1101 Potrero Avenue.

Sub-Bids Being Taken.

APARTMENTS Cost, $10,500
BURLINGAME, San Mateo Co., Calif.
Two-story frame and stucco residential apartment building (four 3-room apts.) shake roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner & Builder—Burlingame Realty Co., 1090 Burlingame Ave., Burlingame.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

3— CHURCHES

Plans Being Prepared

RESTORE MISSION Cost, $——
MONTEREY, Monterey Co., Calif.
Restoration of the San Carlos Mission (new roofing, etc.)
Owner—Catholic Diocese of Fresno.
Architect—Milton Latham, Carmel.

4— FACTORIES & WAREHOUSES

To Be Done By Day's Work

ALTERATIONS Cost, $2,500
SAN FRANCISCO. 35 Stillman St.
Alterations to light industrial bldg.
Owner & Builder—Arthur Elvin, 1244 30th Avenue.
Architect—Not Given.

Plans Completed.

BUILDING Cost, $6500
SAN FRANCISCO. W Bayshore Blvd. 460 N Cortland Avenue.
One-story Class C industrial building.
Owner—C. A. Wellman.
Engineer—Jas. H. Hjul, 128 Russ St., San Francisco.
Grading—Sibley Grading & Teaming Co., 165 Landers St., San Francisco.

Plans Being Prepared

PRINTING PLANT Cost, $35,000
SAN FRANCISCO. Van Ness Avenue South and 13th Street.
One-story Class C printing plant with general offices (22,000 sq. ft.) concrete walls, steel frame, mill type roof construction.
Owner—The James H. Barry Co.
Consulting Structural Engineer—Jesse Rosenwald, 525 Market St. *

To Be Done By Day's Work

ALTERATIONS Cost, $3,000
SAN FRANCISCO. 821 Lincoln Way.
Alterations to laundry.
Owner—Simon Toulouse, premises.
Architect—R. H. Bickell, 9 Geary St.

To Ask Concrete Bids In Thirty Days.

PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Aves.
Group of four buildings for glass manufacturing plant (brick and insulux glass construction) concrete foundations, corrugated iron roofs and composition roofs, concrete floors, steel sash, etc.
Owner — Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco. (P. B. Burtt, Vice President, in charge).
Structural Engineer — Kaj Theill, 580 Market St., San Francisco.
As previously reported, excavation, filling and grading contract awarded to Heafey Moore Co., 344 High St., Oakland, at $16,280.

Plnas Being Figured.

PLANT Cost, $30,000
SAN FRANCISCO. Alabama & Mariposa Streets.
One - story reinforced concrete dye plant.
Owner—Color Craft Corp., Ltd., 550 Alabama St., San Francisco.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.

5— FLATS

To Be Done By Day's Work

FLATS Cost, $12,000
SAN FRANCISCO. W 32nd Avenue 150 S Anza Street.
Two - story and basement frame and stucco flats.
Owner and Builder—M. J. King, 321 Franklin Street.
Architect—S. A. Colton, 544 Market St.

Contract Awarded

FLATS Cost, $7,500
SAN FRANCISCO. Corbett Road.
Two - story and basement frame and stucco flats (one 3-room and one 4-room flat) composition roofing, gas heating system, steel & wood sash, hardwood floors, tile baths.
Owner—A. O. Graalfs, 431 Third Ave.
Architect—Mario Corbett, Hotel Benjamin Franklin, San Mateo.
Contractor—Adolph Strate, 190 Moneta Way.

Contract Awarded.

ALTERATIONS Cost, $2500
SCAN FRANCISCO. No. 3822-24 California Street.
Alterations to flats.
Owner—John Gueterslop, 2398 Webster St., San Francisco.
Architect—Not Given,
Contractor—Jack Callaghan, 900 Clayton St., San Francisco.

6—GARAGES & SERVICE STATIONS

Planned.

SERVICE STATION Cost, $8500
FORT BRAGG, Mendocino Co., Cal. NE Main and Pine Streets.
New service station.
Owner—Shell Oil Co., Shell Building, San Francisco.
Plans by Engineering Dept. of Owner.
Lessee——Charles Royse, Fort Bragg.

To Be Done By Day's Work

GARAGE Cost, $5,000
OAKLAND, Alameda Co., Calif. 4325-29-33 Hopkins Street.

One-story brick garage.
Owner and Builder—Chas. E. Roberts, 987 Scott St., Oakland.
Architect—Not Given.

Additional Sub-Contracts Awarded
ADDITION Cost, $20,000
OAKLAND, Alameda Co., Calif. 2601 Adeline Street.
One-story concrete garage addition.
Owner—Kraft - Phenix Cheese Corp., 962 Battery St., San Francisco.
Engineer—W. Ardian, 417 Market St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Painting—A. E. Gordon, 151 Morris St. San Francisco.
Plastering—J. H. Witt, 882 56th St., Oakland.
Sheet Metal—Central Sheet Metal Works, 3246 Ettie St., Oakland.
Other awards reported March 20.

7— FEDERAL BUILDINGS

BIDS OPENED
CRESCENT CITY, Del Norte Co., Cal.—F. J. Maurer, Inc., Eureka, at $1495 submitted low bid to for miscellaneous repairs and alterations to the Dormitory and Compass House and installation of road culverts at the U. S. Naval Direction Finder Station, Point St. George (Crescent City). Specification No. 8148.
Only other bids was submitted by Theo. Johanns, San Francisco, at $1888.
Bids held under advisement.

BIDS WANTED
REDWOOD CITY, San Mateo Co., Cal.—Until April 24, bids will be received by the Treasury Department, Washington, D. C., for furnishing insect screens at the U. S. Post Office, Redwood City.

SUB-BIDS WANTED
SELMA, Fresno Co., Cal.—Midstate Const. Co., 245 Clinton St., Fresno, desires sub-bids on all portions of the work for the construction of the U. S. post office at Selma, for which bids will be opened in Washington, D. C., April 14, 1 P. M.

BIDS OPENED
TABLE BLUFF, Humboldt Co., Cal.—Ole Johnson, Loleta, at $1911.15 submitted low bid to Public Works Officer, Mare Island Navy Yard, for miscellaneous repairs to the buildings and new water tank at the U. S. Naval Radio Station, Table Bluff (Eureka). Spec. No. 8149. Complete bids follow:

Ole Johnson, Loleta	(1)	$1911.15
	(2)	1537.59
F. J. Maurer, Inc., Eureka	(1)	1935.00
	(2)	1691.00
T. H. Johanns, S. F.	(1)	2498.35
	(2)	2248.00

Bids held under advisement.

POINT REYES, Marin Co., Cal.—Fred J. Early Jr., 369 Pine St., San Francisco, at $2000 awarded contract by Bureau of Yards and Docks, Navy Department, for miscellaneous repairs and alterations to the buildings, fences, drains and concrete tank at the U. S. Naval Direction Finder Station, Point Reyes. Spec. No. 8150.
Complete bids published April 2.

BIDS WANTED
EUREKA, Humboldt Co., Cal.—Until April 24, 2 P. M., bids will be received by U. S. Coast Guard, Civil Engineers Office, Washington, D. C., for the construction of a two-story frame building, 36x103 ft. with watch house atop and with a boatroom extension at rear 28x48 ft. All with concrete foundations and basements; complete with electric lights, heating, plumbing, etc.; a marine launchway approximately 274 feet in length, comprised of treated wood pile and timber trackways, walkways, etc., and concrete approach together with all acessories, at the Humboldt Bay Coast Guard Station, Eureka.
Plans and specifications may be obtained from above office.

BIDS WANTED
REDWOOD CITY, San Mateo Co., Calif.—Custodian, U. S. Post Office, Redwood City, is receiving bids for cement basement and walls, etc., for the Redwood City post office.

CONTRACT AWARDED
ALBANY, Ore.—J. Thomsen, Philomath, Oregon, at $734 awarded contract by Treasury Department for laying new maple flooring and miscellaneous repairs in the Albany Post Office.

LOW BIDDERS
NAPA, Cal. — Newman Bros., McMinnville, Oregon, at $780 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office at Napa. Three low bids follow:
Newman Bros., McMinnville, Oregon, $780.
Pacific Painting & Decorating Co., Oakland, $793.
Patterson Bros., Oakland, $870.
Bids held under advisement.

BUILDING MATERIALS APPROVED
MADERA, Cal. — Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at Madera. Frank J. Reilly, 6350 Fulton St., General Contractor:
Plumbing fixtures, Crane Co.; electric water coolerst, Halsey W. Taylor Co.; indirect water heater, Bell & Gossett Co.; gas water heater, Kewanee Tabasco Co.; water pipe, Am. Brass Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Works; sump pump, Chicago Pump Co.; oil burners, Ray Burner Co.; oil heaters, Bell & Gossett Co.; tube and wall radiators, U. S. Radiator Co.; nonconducting covering for heating, Plant Rubber & Asbestos Works; angle radiator valves, Marsh Valve Co.; air valves for radiators and air valves for ends of steam mains, Am. Radiator Co.; panel boards and main switch, Bulldog Electric Products Co.; rubber-covered wire, Hazard Insulated Wire Works; receptacles and flush switches, Arrow-Hart & Hegeman Elec. Co.; pendant switch, Bryant Elec. Co.; glassware, Perfection Glass Co. and Gill Glass & Fixture Co.; lighting fixtures, Perfeclite Co.

BIDS WANTED
SAN DIEGO, Cal.—Until April 16, 11 A. M., bids will be received by Public Works Officer, Eleventh Naval District, San Diego, for improvement of range marker towers at the Naval Operating Base, San Diego. Specification No. 8200.
The four steel towers form markers for the Navy measured mile course, located north of Lo Jolla on the west side of the main highway, south of Torrey Pine Park. The two east towers are adjacent to the highway and are 45 feet high with 8 foot circular targets located at the tops of the towers. The other two towers are 105 feet and 115 feet high respectively, with 8 foot circular targets at the top of the towers, and are located along the shore line about five-tenths mile west of the highway. The towers are of light weight galvanized steel construction with bolted connections. The work consists in general of the removal of the targets from the tops of all towers; the furnishing and installing of a 6-inch diameter steel pipe extending from the ground to a height of 30 feet above the tops of the two 45 foot towers; the removal of 24 feet of the present tops of the two high towers; the furnishing and installing of a 5-inch diameter steel pipe in the center of each tower, extending from the ground to a height of 120 feet and 130 feet respectively.
Plans and specifications may be obtained from above office and from the Bureau of Yards and Docks, Navy Department, Washington, D. C., upon deposit of $10.

BIDS WANTED
ORANGE, Cal.—Until April 27, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for insect screens in the U. S. Post Office, Orange. Specifications may be obtained from above office and from the Custodian of the building at Orange.

BUILDING MATERIALS APPROVED
PORT ANGELES, Wash.—Treasury Department has approved the following material and equipment awards for the construction of the coast guard air station at Port Angeles. A. T. Mowat, Seattle, general contractor:
Electric water coolers and drinking fountain, Day & Night Water Heater Co.; grease traps, J. A. Zurn Mfg. Co.; oil burner for water heater, Master Oil Burner Co.; oil burner for range, Master Oil Burner Co.; oil burner for boiler, Master Oil Burner Co.; oil heater, coil type, Taco Heaters.

BUILDING MATERIALS APPROVED
REDDING, Shasta Co., Cal.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S post office in Redding. Dinwiddie Const. Co., San Francisco, general contractors:
Gas water heater, Kewanee Boiler Co.; main feeder switch and lighting distribution panel, Bull Dog Electric Products Co.; boiler, California Steel Products Co.; glassware, Perfection Glass Co. and Gill Glass & Fixture Co.; pendant switch, Bryant Electric Company.

8— CLUB BUILDINGS

Planned.
ALTERATIONS Cost, $20,000
RENO, Washoe Co., Nevada. No. 38 W. First Street.
Owner—Elks Club, Reno.
Architect—Not Given.
Building committee named as follows: H. E. Saviers, Walker Boudwin and A. J.Caton.

9— HOSPITALS

CONTRACTS AWARDED
WARM SPRINGS, Oregon — Department of Indian Affairs awarded the following contracts for the construction of the Warm Spring Hospital.
Electric—NePage McKenny Co., 115 NW 9th St., Portland, $3050.
Heating, Sewer Work, Etc. — H. C. Hastorf Co., Inc., 735 S.E. Morrison St., Portland, $26,200.

Planned.
ADDITION Cost, $30,000
MERCED, Merced Co., Calif.
Hospital annex (two-story concrete fireproof construction).

Owner — Mercy Hospital (Dr. J. L. Mudd, in charge), Merced.
Directors of the hospital are: Dr. E. R. Fountain, Dr. A. S. Parker, Dr. Fred O. Lien and Dr. B. E. McDowell.

CONTRACT AWARDED

SANTA BARBARA, Cal.—Chas. M. Urton, 18 N. Calle Alamo, Santa Barbara, awarded contract at $26,304 (subject to PWA approval) by the Santa Barbara county supervisors, for the construction of a tuberculosis unit at the Santa Barbara county hospital. Henry W. Howell, 157 Cheltenham Dr., Santa Barbara, Architects.

Bids Opened

WARD BLDG. Cost, $70,000
STOCKTON, San Joaquin Co., Calif. Stockton State Hospital.
Two - story reinforced concrete farm cottage building No. 11 (slate tile roof) to accommodate 120 beds.
Owner—State of California.
Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.
Complete bids follow:

General Work

K. E. Parker Co., 135 South Park, San Francisco $67,843
F. H. Betz, Sacramento 69,987
L. S. Dow Co., Los Angeles 76,461
Empire Const. Co., S. F. 79,950
Taylor & Taylor, Pasadena 80,709
S. Eyre, Tracy 82,888

Plumbing

Scott Co., 243 Minna St., San Francisco $11,817

Heating and Ventilating

Pacific Heating & Ventilating Co., 354 Hobart St., Oakland ..... $ 5,170
W. A. Aschen, Oakland 5,630

Electric

Eddy Electric Co., 309 E Weber St., Stockton ..... $ 2,295
Coast Electric Co., Long Beach 2,431
Abbett Electric Co., S. F. 3,237
Bids held under advisement. *

BEING DONE BY DAY'S WORK

MOJAVE, Kern Co., Cal.—Dr. Phil J. Vogel, Mojave, has started construction by day labor and sub-contract on a one-story, frame hospital building in Mojave. The building will have three wings, frame construction, wood sash, wood and linoleum-covered floors, tile work, plumbing, painting, etc. Phillips Heating & Ventilating Co., 1710 West Washington St., Los Angeles, awarded contract for installation of a heating system and Baker Ice Machine Co., 351 S. Anderson St., Los Angeles, awarded contract for installation of cooling equipment.

11—ICE & COLD STORAGE PLANTS

CONTRACT AWARDED

SAN DIEGO, Cal.—West Coast Gas Engine Co., 312 Market St., San Diego, at $1415 awarded contract by Bureau of Yards and Docks, Navy Department for refrigerating equipment at the Destroyer Base, San Diego. Spec. No. 8160.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Bids Wanted—To Close April 9, 8:15 P. M.

LIBRARY Cost, $14,000
SACRAMENTO, Sacramento Co., Cal. McKinley Park.
One-story reinforced concrete branch library.
Owner—City of Sacramento.
Architect — Harry Devine, California State Life Bldg., and Starks and Flanders, Forum Building, Sacramento.
Plans and specifications may be obtained from the architects upon deposit of $25.00. *

Preparing Preliminary Plans.

LIBRARY Cost, $35,000
SAN FRANCISCO. Bernal Heights District.
New branch library.
Owner — City and County of San Francisco.
Architect—Fred H. Meyer, Kohl Bldg. San Francisco.

Preparing Preliminary Plans.

LIBRARY Cost, $35,000
SAN FRANCISCO. West Portal Dist.
New branch library.
Owner — City and County of San Francisco.
Architect—Fred H. Meyer, Kohl Bldg. San Francisco.

Bids Wanted — To Close April 20, 4 P. M.

LIBRARY & HALL Cost, $19,000
PALO ALTO, Santa Clara Co., Calif. Mayfield District.
One-story branch library and assembly hall (frame and stucco construction, terra cotta tile roof, gas floor furnaces, radiator, Oregon pine floors, steel sash, etc.)
Owner—City of Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Plans and specifications may be obtained from the City Clerk and from the architect upon deposit of $10.00.

TO SEEK FUNDS

FRESNO, Cal.—The Fresno Board of Supervisors proposes making application to the PWA for a grant to assist in rehabilitation of the Fresno courthouse to make room for offices housed in business buildings. Architect W. D. Coates, Jr., 626 Rowell Bldg., Fresno, was authorized to prepare an application to be submitted to the PWA. Cost estimated at $42,900.

14— RESIDENCES

Sub-Bids Being Taken.

RESIDENCES Cost, $2000 and $2500
MONTE RIO, Sonoma Co., Calif.
Two one-story wood frame and rustic residences (4 and 5 rooms).
Owner—Mr. Staples.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Sub-Bids Being Taken.

RESIDENCE Cost, $——
SAN FRANCISCO. SE Cayuga St. and San Juan Ave.
One-story and basement frame and stucco residence (5 rooms), composition roofing, gas heating system, hardwood floors, etc.
Owner and Builder—A. DeBenedetti & Son, 100 Brazil St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

To Be Done By Day's Work.

RESIDENCES Cost, $4500 each
SAN FRANCISCO. E Thirty-second Ave. N Kirkham St.
Four one-story and basement frame and stucco residences.
Owner and Builder — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given.

Contract Awarded.

RESIDENCE Cost, $6250
SAN FRANCISCO. E Collingwood St. N 20th St.
Two-story frame and stucco residence
Owner—Pete Panagouleas.
Plans by B. K. Dobkowitz, 425 Monterey Blvd., San Francisco.
Contractor — Robert McCarthy, 356 Church St., San Francsico.

Plans Being Figured—Bids Close Apr. 15.

RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. Merriewood Tract.
Two-story frame residence (redwood siding, composition roofing, etc.)
Owner—H. Crandall.
Architect — Michael Goodman, 2163 Center St., Berkeley.

Sub-Bids Being Taken.

RESIDENCE Cost, $4000
SAN FRANCISCO. Monterey Heights
One-story and basement frame and stucco residence (5 rooms) shingle tile roof, wood sash, hardwood floors, gas heating system, tile baths, etc.
Owner—Vernon Greenwood.
Architect—D. E. Jackle, 126 Post St., San Francisco.
Contractor — Albert Olsen, % Architect.

Sub-Bids Being Taken.

RESIDENCE Cost, $4,500
SAN FRANCISCO. 27th and Ulloa Sts.
One - story and basement frame and stucco residence (six rooms and two baths) shingle, tile and composition roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. Halsen, 2427 Twenty-fifth Avenue.
Architect—D. E. Jaekle, 126 Post St.

To Be Done By Day's Work

RESIDENCE Cost, $5,000
SAN FRANCISCO. NW Juanita Way SW Fowler.
One - story and basement frame and stucco residene.
Owner and Builder—Meyer Bros., 735 Portola Drive.
Architect—Not Given.

To Be Done By Day's Work

RESIDENCE Cost, $6,000
STOCKTON, San Joaquin Co., Calif. 2211 Kensington Way.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—C. J. Carlson, 807 North Madison St., Stockton.
Architect—Not Given.

Sub-Contracts Awarded.

RESIDENCE Cost, $12,000
STOCKTON, San Joaquin Co., Calif Country Club Blvd.
Two-story and basement frame and stucco residence (8 rooms and 2 baths) heavy shingle roof, gas furnace, steel sash, tile baths, hardwood floors, etc.
Owner—J. Walker Glenn.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Roofing—Noble Brown Roofing Co.
Plumbing—W. T. Gibson.
Electric Wiring—Collins Electric Co
Heating—Motor Wheel Yolland Co
Sheet Metal—American Sheet Metal Works.
Tile—Stockton Tile Co.
Glass—Electric Mill Co.
Iron Grille Work—Schafer Iron Wks
Brick Work—D. DePauli.
Lathing and Plastering—W. C. Belveal.
Lumber—Stockton Lumber Co
Steel Sash—Walter Serwack.
Wood Sash—Electric Planing Mill.
Concrete—D. DePauli.
Flooring — McLean Hardwood Floor Company.
Marble—Stockton Tile Co.
Reinforcing Steel—Kyle & Co.
All of Stockton.

Contract Awarded.

RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Cal. No. 1561 Hawthorne Terrace.
Two-story and basement frame and stucco residence (10 rooms).

Owner—H. H. Whiting, 1573 Hawthorne Terrace, Berkeley.
Architect—Malcolm & Reynolds, 411 30th St., Oakland.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. No. 6233 Buena Ventura Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—A. F. Holloway, 2927 Rawson St., Oakland.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor — K. A. Johanson, 2057 High St., Oakland.

Plans Being Figured — Bids Close April 15, 4 P. M.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (8 rooms and 3 baths).
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Plans Being Figured — Bids Close April 14, 4 P. M.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Calif. St. James Wood.
Two-story and basement frame and stucco residence.
Owner—Dr. Whitfield Crane.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Following will submit bids:
Lindgren & Swinerton, Inc., 1723 Webster St., Oakland.
S. J. Bertelsen, 30 Estrella Ave., Piedmont.
Jensen & Pedersen, 3443 Adeline St., Oakland.
C. H. Thrams, 28 Home Place, Oakland.
E. Campomenosl, 6401 Broadway, Terrace, Oakland.
Carl Walstrom, 1447 Excelsior Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $50,000
ORINDA, Contra Costa Co., Calif.
Two-story & basement frame, stucco and brick residence.
Owner—R. F. Rheem.
Architect — Clarence A. Tantau, 210 Post St., San Francisco.
Contractor—Chas. Stockholm & Sons, Russ Bldg., San Francisco.

Contract Awarded
RESIDENCE Cost, $5,000
SAN MATEO, San Mateo Co., Calif. Lots 13 and 14 Blk 2, 26th Avenue.
One - story and basement frame and stucco residence.
Owner—Elizabeth Moore.
Architect—Not Given.
Contractor—Wallace Waterhouse, 1235 Shafter Ave., San Mateo.

To Be Done By Day's Work.
RESIDENCES Cost, $6,000 each
SAN MATEO, San Mateo Co., Calif. Castillian Ave. and Avila Ave.
Two one - story and basement frame and stucco residence.
Owner and Builder—Leadley & Leadley, 207 2nd Ave., San Mateo.
Architect—Not Given.

Plans Being Completed
RESIDENCE Cost, $10,000
MENLO PARK, San Mateo Co., Calif
Two - story and basement frame and stucco and brick veneer residence (9 rooms, 3 baths) wood shingle roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner—Allan Sutter.
Architect—Conrad Kett, 519 California St., San Francisco.
Contractor—Paul Wolter, 72 Fernwood Drive, San Francisco.
Construction will start in about one week.

Sub-Contracts Awarded.
RESIDENCE Cost, $9056
CARMEL, Monterey Co., Cal. Scenic Drive.
Two-story frame residence.
Owner—L. Jorgenson, Carmel.
Architect — Clarence A. Tantau, Shreve Bldg., San Francisco.
Contractor — James and Fred Ruhl, Carmel.
Plumbing and Heating — Anderson, Doherty & Harges, Carmel.
Electric Wiring—Dan Searle, Monterey.
Glass—Pacific Mfg. Co., Santa Clara.
Brick Work—E. H. Raymond, Pacific Grove.
Lathing & Plastering—Geo. J. Turner Pacific Grove.
Lumber—Union Supply Co., Monterey

Contract Awarded.
RESIDENCE Cost, $8000
PALO ALTO, Santa Clara Co., Cal. No. 354 Dana Avenue.
One-story and basement frame and stucco residence.
Owner—Andrew and Mary Aro.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $6500
SACRAMENTO, Sacramento Co., Cal. No. 2800 Land Park Drive.
One-story and basement frame and stucco residence.
Owner and Builder—A. Bruce Asbury 1736 41st St., Sacramento.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
SACRAMENTO, Sacramento Co., Cal. No. 2776 Regina Way.
One-story and basement frame and stucco residence.
Owner — M. P. Morgan, 3910 H St., Sacramento.
Architect—Not Given.
Contractor—L. L. Watson, 1768 11th Ave., Sacramento.

Plans Being Prepared.
RESIDENCE Cost, $12,000
PIEDMONT, Alameda County, Calif. Phoenix Avenue.
Two-story and basement frame and stucco residence (shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—A. G. Steltznear.
Architect — Clarence Mayhew, 6026 Acacia Ave., Oakland.
Bids will be asked in about 45 days.

Plans Being Prepared.
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Cal. Taylor Tract.
Two-story and basement frame and stucco residence (7 rooms and 3 baths) tile roof, gas heating system, hardwood floors, tile baths, etc.
Owner—John Rowell.
Architect—Clarence Mayhew, 6026 Acacia Ave., Oakland.
Bids will be asked in thirty days.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,400
PIEDMONT, Alameda Co., Calif. Upper Piedmont Estates.
Two-story and basement frame and stucco residence (8 rooms and 3 baths).
Owner—Dr. Harrold Morse.
Architect—J. K. Ballantine, Jr., 137 Harlan Place, San Francisco.
Contractor—T. D. Courtright, 349 51st St., Oakland.
Plumbing—J. A. Fazio, 2059 Webster St., Oakland.
Electric Wiring — Fred Schmits, 428 Moss Ave., Oakland.
Heating—Harer Perry Co.
Tile—Superior Tile Co., 3743 Broadway, Oakland.
Glass—East Bay Glass Co., 621 Sixth St., Oakland.
Painting—Pacific Painting & Decorating Co., 5414 Telegraph Avenue, Oakland.
Iron Grille Work—James Eandl, 1339 62nd Ave., Oakland.
Flooring—Ambrose Bros., 1050 Harrison St., San Leandro.
Lathing and Plastering — A. Cardoni, 5244 Lawton Ave., Oakland.
Wood Sash — Pacific Manufacturing Co., Santa Clara.
Steel Sash—East Bay Glass Co., 621 Sixth St., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Calif. 665 Blair.
Two - story and basement frame and stucco residence (seven rooms).
Owner and Builders — Lincoln Const. Co., 750 Warfield Ave., Piedmont.
Plans by Owner.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 1634 Leimert Boulevard.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—C. O. Peshel, 4276 Fruitvale Ave., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 3907 Oakmore Road.
Two-story frame and stucco residence (six rooms).
Owner—W. A. Luetge, 3918 Elston Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 3363 Marcom Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder — E. L. Dashell, 3700 Foothill Blvd., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN FRANCISCO. W 29th Avenue N Fulton Street.
One - story and basement frame and stucco residence.
Owner and Builder—Chas. A. Stevens 874 27th Avenue.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN FRANCISCO. E Alemany Blvd. N Ottowa.
One - story and basement frame and stucco residence.
Ower and Builder—Reco Corp., 1136 Clement Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. No. 860 Hilldale Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—A. F. Haskell, 866 Regal Rd., Berkeley.
Architect—C. A. Phillips, 526 Powell St., San Francisco.
Contractor—T. D. Courtright, 349 51st St., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. W Lamartine N Cayuga.
Two one - story and basement frame and stucco residences.
Owner and Builder—A. Berwick, 1525 Noe Street.
Architect — C. O. Clausen, 746 46th Avenue.

Contract Awarded
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. W San Burno NE Ordway.
Two one - story and basement frame and stucco residences.
Ower—F. Antonini, 2385 Lombard St.
Architect—F. W. Dakin, 625 Market.
Contractor—Raymond Moresi and F. Antonini, 329 10th Street.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN FRANCISCO. SW Merced and Kensington.
Two - story and basement frame and stucco residence.
Owner & Builder—J. Pruot, 2530 Fillmore Street.
Architect—Chas. Strothoff, 2274 15th Street.

Contract Awarded.
RESIDENCE Co.t, $5000
SAN FRANCISCO. E Twenty-fifth Ave. 100 S Ulloa Street.
One-story and basement frame and stucco residence.
Owner—Delphine M. Ewen, 740 Clayton St., San Francisco.
Architect—Not Given.
Contractor—Frank J. Sandino Jr., 4265 Sacramento St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $5,500
SAN FRANCISCO. E 16th Avenue 225 S Vicente Street.
One - story and basement frame and stucco residence.
Owner and Builder—R. F. Harris, 1801 Beach Street.
Architect—Not Given.

BIDS OPENED

BOULDER CITY, Nevada — P. S. Webb, Boulder City, Nev., submitted low bid to D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, 207 S. Broadway, Los Angeles, April 2, at $33,539.65 (based on combination award. Items 1 and 2), for repairing and remodeling twenty dwellings and nine garages owned by the bureau and located at Boulder City; Specifications No. 1921. The work will include repairs to foundations, exterior walls and roofs, installation of interior lath and plaster, flooring, electric wiring and fixtures, metal lath, cabinet work, painting, etc. Complete bids follow:

P. S. Webb—(1) Lump sum for remodeling 12 dwellings and two 7-car garages purchased from Babcock & Wilcox and located at 449, 441, 443, 425 and 409 Ave. C; 1201, 1127 and 1101 Colorado St., and 1145, 420, 428 and 434 California St., $17,139; (Alt. G) Lump sum to be added for installation of oak flooring in lieu of regular flooring specified, $678.63; (Alt. H) Lump sum to be added for installation of ceiling installation in the 12 dwellings, $1149.42; (2) Lump sum for remodeling eight dwellings, three double garages and four single garages purchased from Six Companies and located at 417, 409, 405, 414, 418, 426, 350 and 434 Ash St., $16,465; (Alt. F.) Lump sum to be added for installing ceiling insulation in the eight dwellings, $818.50; (3) Bid price for combination award. Items 1 and 2, $33,539.65.

L. T. Meisner, Boulder City—(1) $18,924. (Alt. G) $791. (Alt. H) $1252. (2) $17,705.50, (Alt. F) $917.50, (3) $36,629.05.

Fred C. Snell, 339 N. Beverly Dr., Beverly Hills—(1) $20,403, (Alt. G) $883, (Alt. H) $1324, (2) $18,774, (Alt. F) $988; (3) $39,177.

Plans Being Figured—Bids Close April 13, 5 P. M.
RESIDENCE Cost, $4500
OAKLAND, Alameda Co., Cal. Montclair District.
One-story and basement frame and stucco residence (six rooms) tile roof, wood sash, hardwood floors, tile bath, etc.
Owner—R. C. Smith.
Architect — Ray Keefer, 770 Wesley Street, Oakland.
Following will submit bids:
C. H. Thrams, 28 Home Place, Oakland.
B. F. Woolley, 3933 Fruitvale Ave., Oakland.
A. Holyoake, 2839 East Ave., Oakland.
A. T. Beckett, 224 Scenic Avenue, Oakland.

Plans Being Completed.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. Rockridge District.
One-story and basement frame and stucco residence (6 rooms and 2 baths) shingle roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley St., Oakland.
Bids will be asked in about two weeks.

Preparing Working Drawings.
RESIDENCE Cost, $13,000
BERKELEY, Alameda Co., Cal. Taylor Gardens.
Two-story and basement frame and stucco residence (11 rooms and 3 baths).
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Low Bidder.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Cal. Piedmont Estates.
Two-story frame and stucco residence (10 rooms, 3 baths) shake roof, gas heating system, hardwood floors, tile baths, etc.
Owner—H. Small.
Architect — Clarence Mayhew, 6026 Acacia St., Oakland.
Low Bidder — J. R. Armstrong, 1131 Fleet Road, Oakland.

Additional Sub-Contracts Awarded
RESIDENCE Cost, $35,000
PIEDMONT, Alameda Co., Cal. Seaview Avenue.
Two - story and basement, frame and brick veneer residence (12 rooms, 6 baths) shingle tile roof, gas hot air heating system, tile baths, hardwood floors, etc.
Owner—Mr. Catlin.
Architect—Fred Reimers, 233 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.
Elevator—Westinghouse Electric Elevator Co., 1 Montgomery St., San Francisco.
Sheet Metal—Standard Heating Co., 834 Irving St., San Francisco.
Other awards reported April 1.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. W 31st Avenue S Vicente Street.
Six one - story and basement frame and stucco residences.
Owner and Builder—F. H. Thorinson, 1630 Ocean Avenue.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. S Balboa St. West 43rd Avenue.
Two one - story and basement frame and stucco residences.
Owner & Builder—Herman Christensen, 1422 27th Avenue.
Architect—C. O. Clausen, 746 46th Avenue.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 5924 McAndrew Drive.
Two-story and basement frame and stucco residence(8 rooms).
Owner—Dr. H. C. Fleming.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—A. Frederick Anderson, 3524 Harbor View Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alamela Co., Cal. No. 1539 Leimert Blvd.
One-story and basement frame and stucco residence (6 rooms).
Owner—J. C. Murphy, 1478 Excelsior Ave., Oakland.
Architect—Not Given.
Contractor—Folke Wallin, 2150 50th Ave., Oakland.

Plans Being Figured.
RESIDENCE Cost, $——
SAUSALITO, Marin Co., Calif.
One-story rustic and stucco residence (five rooms) shingle roof, paneled and plastered interior, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 5123 Golden Gate Avenue.
Two-story frame and stucco residence (six rooms).
Owner—Faith Crocker.
Arcshitect—Not Given.
Contractor—H. L. Crocker, 30 Wilding Lane, Oakland.

Contract Awarded.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. No. 6010 Bullard Drive.
Two-story frame and stucco residence (seven rooms).
Owner—Clyde De Vilbiss, Latham Sq. Bldg., Oakland.
Architect—Not Given.
Contractor — Philip L. Coats, 2837 Foothill Blvd., Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 4206 Atlas Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner—Miss Florence Fontes, 2121 St. Jarlath Ave., Oakland.
Architect—Not Given.
Contractor—A. K. Schmidt, 3936 Elston Ave., Oakland.

Sub-Contracts Awarded
RESIDENCE Cost, $18,000
VALLEJO, Solano Co., Calif. Vista de Vallejo.
Two - story and basement frame and stucco residence (9 rooms and 4 baths) tile roof, canvas walls ,tile baths, steel sash, watertight hardware, oak floors, electric heating system (to be installed by owner).
Owner—Dr. E. J. Casper.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco, and Casa de Vallejo Hotel, Vallejo.
Contractor — Arthur Erickson, 1304 Sutter Street, Vallejo.

Roofing—Alta Roofing Co., San Francisco.
Plumbing—R. G. Weinstrall, Vallejo.
Sheet Metal—Monarch Sheet Metal Works, Vallejo.
Tile Work—M. Christenson, Vallejo.
Iron Grille Work—The Art Smith Shop Berkeley.
Lathing and Plastering—Hogan Lumber Co., Oakland.
Wood Sash—Michel and Pfeffer Iron Works, San Francisco.
Concrete—T. B. Morse, Vallejo.
Flooring—M. Christenson, Vallejo.

Contract Awarded
RESIDENCE Cost, $5000
REDWOOD CITY, San Mateo Co., Cal. No. 326 Iris Street.
One-story and basement frame and stucco residence.
Owner — Earl Whitaker, 703 Adams St., Redwood City.
Architect—Not Given.
Contractor—H. W. Treichel, 293 Fulton St., Redwood City.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
MENLO OAKS, San Mateo Co., Cal. Menlo Ave. and Coleman Street.
One-story and basement frame and stucco residence.
Owner—Wesley E. Angel, 233 Oxford St., Palo Alto.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Cal. No. 1801 Melvin Road.
Two-story and basement frame and stucco residence (8 rooms and 3 baths).
Owner—B. Celli, 639 Montclair Ave., Oakland.
Architect — Ray Keefer, 770 Wesley Ave., Oakland.
Contractor — Charles Ungarettl, 1727 Foothill Blvd., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SACRAMENTO, Sacramento Co., Cal. No. 5208 T Street.
One-story frame and stucco residence
Owner and Builder—Klein Realty Co., 807 J St., Sacramento.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
IRVINGTON, Alameda Co., Calif.
One-story frame and stucco residence (four rooms).
Owner—Withheld.
Architect — Chester Root, Security Bldg., San Jose.
Contractor—R. A. Griffin, Irvington.

Sub-Contracts Awarded
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 691 Rosemount Road.
Two - story and basement frame and stucco residence (eight rooms).
Owner — Frank D. Chambers, 1428 Franklin St., Oakland.
Architect—C. H. Treichel, 696 Cleveland St., Oakland.
Contractor—David Nordstrom, 4150 Emerald St., Oakland.
Plumbing—Henry Lass & Son, 5300 Cole St.
Electric Wiring—Creager Electric Co. 2526 82nd Avenue.
Sheet Metal—Richmond Sheet Metal Works, Richmond.
Tile Work—Superior Tile Co., 3743 Broadway.
Brick Work—N. Lundholm.
Lumber—E. K. Wood Lumber Co., Frederick and King Streets.
Steel Sash—East Bay Glass Co., 621 Sixth Street.
Wood Sash—Oakland Planing Mill, 2nd and Washington Streets.
Concrete—Nat Lena, 1174 19th Street.
Reinforcing Steel—McGrath Steel Co., 354 Hobart Street.
All of Oakland unless otherwise noted.

Contract Awarded
RESIDENCE Cost, $6,500
SACRAMENTO, Sacramento Co., Cal. 3670 Lincoln Avenue.
Two-story frame and stucco residence
Owner—Milton Faig.
Architect—Not Given.
Contractor—N. H. Lund, 2549 Sixth Ave., Sacramento.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 149 Ayer Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—A. D. Arlington, 1910 Morse St., Santa Clara.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara Co., Calif. 443 Royal Avenue.
One-story frame residence (4 rooms).
Owner—Mrs. Rose Albanese, 404 Bird Ave., San Jose.
Architect—Not Given.
Contractor—Dan Caputo, 401 Illinois Ave., San Jose.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. E Twenty-eighth Ave. N Cabrillo Street.
Three two-story and basement frame and stucco residences.
Owner and Builder—Stein & Krigg. 159 19th Ave., San Francisco.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4,000
SAN JOSE, Santa Clara Co., Calif. 1020 O'Brien Court.
One - story and basement frame and stucco residence (five rooms).
Owner—M. A. MacDonald, 107 Cragmont Ave., San Jose.
Architect—Not Given.
Contractor—N. M. Staceyo, 53 Talmadge Ave., San oJse.

Contract Awarded
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara Co., Calif. 344 South 17th Street.
One-story frame residence (4 rooms).
Owner—Chester Van Horn, 49 S. 17th St., San Jose.
Architect—Not Given.
Contractor — Chester A. Higgins, 342 Spencer Ave., San Jose.

Sub-Contracts Awarded
RESIDENCE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. College Tract.
Two - story frame and brick veneer residence (shake roof, gas furnace steel sash, hardwood floors, tile roof, etc.)
Owner—J. V. Hinds.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. C. Rodgers, 111 Fernley Ave., North Sacramento.
Roofing—Griffin Marshall Shingle Co., Sacramento.
Plumbing—Martin Erickson, Route 6, Box 3296, Sacramento.
Electric Wiring—Hill Golden West Co.
Tile — Kenneth Meiring Tile Works, 4101 Market St., Oakland.
Iron Grille Work—K. J. Emery, 3725 38th St., Sacramento.
Lumber—Diamond Match Co., Sacramento.
Brick Work & Concrete— Manuel Jacinto, Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Twenty-eighth Ave. 150 S Ulloa Street.
One-story and basement frame and stucco residence.
Owner and Builder—N. W. Anderson, 2427 24th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7000
SAN FRANCISCO. E Almaden St. 203 N Anza Street.
One-story and basement frame and stucco residence.
Owner—J. Raven, 1711 Lombard St., San Francisco.
Architect—Not Given.
Contractor — Frank J. Sandino Jr., 2645 Sacramento St., S. F.

Contract Awarded.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County
Two-story frame and stucco residence (8 rooms and 3 baths) shingle roof hardwood floors, etc.
Owner—Mr. and Mrs. Decker McAllister.
Architect—G. A. Dailey, 210 Post St., San Francisco.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $5500
BERKELEY, Alameda Co., Cal. No. 1385 Acton Street.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. A. Stroud Jr., 370 17th St., Oakland.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. No. 5627 Walnut Street.
Two-story frame and stucco residence (6 rooms).
Owner—J. Swanson.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 132 Alta Road.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—Matthew Klein, 4071 Oakmore Road, Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. No. 60 Halkins Lane.
One-story frame and stucco residence (6 rooms).
Owner—E. J. Cardoza, 1414 Bonita Ave., Berkeley.
Architect—Scott Haymond, American Trust Bldg., Berkeley.
Contractor — E. M. Sorensen, 1907 Parker St., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal. No. 1760 Spruce Street.
Two-story frame and stucco residence (10 rooms).
Owner & Builder—Oscar Carlson, 659 Santa Barbara Road, Berkeley.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $3500
SAN JOSE, Santa Clara Co., Calif. No. 611 No. Second Street.
One-story frame and stucco residence (5 rooms).

Owner—Miss R. Kerr, 180 So. 15th St., San Jose.
Architect—Not Given.
Contractor — Frederick Bigland, 970 Chapman Ave., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $4,500
SAN JOSE, Santa Clara Co., Calif. 1066 Newhall Street.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—Martin Green & Co., 7 W. Santa Clara Street, San Jose.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. E Funston Ave. N Taraval Street.
Two one - story and basement frame and stucco residences.
Owner and Builder—A. Hallgren, 1594 29th Avenue.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. Divisadero Street near Pacific Avenue.
Alterations to residence.
Owner—Stanley Sinton.
Architect — Angus McSweeney, 604 Mission Street.
Contractor—G. P. W. Jensen, 320 Market Street.

Low Bidder
RESIDENCE Cost, $9,808
SAN JOSE, Santa Clara Co., Calif. Emory and Morse Streets.
Two - story and basement frame and stucco residence (7 rooms and 2 baths) tile roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—E. Rosenthal.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Low Bidder—Ernest Hathaway, 1102 South Sixth St., San Jose, $9,808.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN JOSE, Santa Clara Co., Calif. No. 269-275 No. 31st Street.
Two one-story and basement frame and stucco residences (5 rooms each).
Owner and Builder—B. H. Painter, 24 No. Second St., San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6500
SACRAMENTO, Sacramento Co., Cal. No. 2740 Eleventh Ave.
Two-story frame and stucco residence
Owner—A. C. Anderson.
Architect—Not Given.
Contractor — Chas. Vanina, 2022 M St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $3500
SAN JOSE, Santa Clara Co., Calif. No. 1082 Sherwood Avenue.
One-storry and basement frame and stucco residence (5 rooms).
Owner—W. A. MacDonald, 117 Cragmont Ave., San Jose.
Architect—Not Given.
Contractor—H. M. Stacey, 53 Talmadge Ave., San Jose.

To Be Done By Day'z Work.
RESIDENCE Cost, $5500
SAN FRANCISCO. E Almaden St. N Anza St.
One-story and basement frame and stucco residence.
Owner and Builder—H. C. Hogrife, 359 24th Ave., San Francisco.
Architect—John Davis Young, 2002 California St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. No. 484 Vassar Street.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given.

Planned.
RESIDENCES Cost, $——
VALLEJO, Solano Co. Calif. Home View Tract (20 acre site).
Group of residences.
Owner—I. Z. Hill, 512 Capitol St., Vallejo.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5500
BERKELEY, Alameda Co., Cal. No. 10 Hillcrest Road.
Two-story frame and stucco residence (six rooms).
Owner and Builder—M. A. Peel, 10 Oakdale Ave., Berkeley.
Architect — J. B. Anthony, 10 Oak Knoll, Berkeley.

Bids In—Held Under Advisement.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co.
Two-story frame and stucco residence (10 rooms and 3 baths) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Ruag.
Architect — Leo Sharps, 1477 Burlingame Ave., Burlingame.
Announcement will be made within a few days.

Sub-Bids Being Taken.
RESIDENCES Cost, $5000 & $6000
SAN FRANCISCO. Francisco Heights
Ten one-story and basement frame and stucco residences (5 and 6 rooms), tile & composition shingle roofs, hardwood floors, tile baths, etc.)
Owner and Builder—Heyman Bros., 742 Market St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
SACRAMENTO, Sacramento Co., Cal. No. 2776 Marty Way.
One-story and basement frame and stucco residence.
Owner—D. Babicky, 3345 N St., Sacramento.
Architect—Not Given.
Contractor—Leonard Lund, 3240 I St., Sacramento.

Contract Awarded
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Calif. 3833 Ardley Avenue.
One - story and basement frame and stucco residence (6 rooms).
Owner—Anita M. Dailey.
Architect—L. H. Ford, 2022 Berkeley Way, Berkeley.
Contractor—Herbert Green, 802 Cerrito St., Oakland.

Plans Completed
RESIDENCE Cost, $11,769
HILLSBOROUGH HEIGHTS, San Mateo Co., Calif.
Two-story frame, stucco and rustic residence.
Owner—W. C. Boole, Hillsborough.
Architect — Angus McSweeney, 604 Mission St., San Francisco.

Contract Awarded
ALTERATIONS, ETC. Cost, $4,000
OAKLAND, Alameda Co., Cal. 6201 Ascot Drive.
Alterations and additions to residence
Owner—Will Evans, 6201 Ascot Drive, Oakland.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.

Plans Being Completed
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Calif. Le Conte and Hearst Avenues.
Two- and three - story cement block and brick veneer residence (ten rooms and 3 baths) tar and gravel roof, steel sash, hardwood floors, tile baths, etc.
Owner—Jos. Harris.
Architect—John Anthony, 1849 Arch Street, Berkeley.
Bids will be asked in one or two weeks.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. Mt. Vernon West Cayuga.
Five one - story and basement frame and stucco residences.
Owner & Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. SW Seminole East Delano.
Two one - story and basement frame and stucco residences.
Owner & Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Not Given.

Low Bidder
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two - story and basement frame and stucco residence (8 rooms, 3 baths)
Owner—Withheld.
Architect—J. K. Ballantine, 137 Harlan Place, San Francisco.
Low Bidder—T. D. Courtright, 349 51st St., Oakland.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. E 17th Avenue N Quintara.
One - story and basement frame and stucco residence.
Owner—Edward H. Pemoat, 519 California Street.
Architect—Not Given.
Contractor—Well Built Homes, Inc., 519 California Street.

Sub-Contracts Awarded
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. E Twenty-sixth Avenue N Rivera Street.
Four one - story and basement frame and stucco residences.
Owner and Builder—Arco Building Co. 4708 Mission Street.
Architect—Not Given.
Roofing—Jack Johnson Roofing Co., 3365 Army Street.
Plumbing — H. Williamson, 88 Keystone Way.
Electric Wiring—Eureka Electric Co., 3469 Mission Street.
Heating—New Mission Sheet Metal Co. 3401 Mission Street.
Tile—Ray Cook Marble Co., Emeryville.
Glass—Mutual Window Glass Co., 1969 Mission Street.
Brick Work—S. Tutty, 40 Admiral Avenue.
Lathing and Plastering—D. Vannucci, 271 Naples Street.
Hardware—S. Mariani & Sons, 3364 Mission Street.
Flooring—Johnson Floor Company.
Window Shades—Mohawk Shade Co., 5036 Mission St.

To Be Done By Day's Work
RESIDENCE Cost, $4,500
SAN FRANCISCO. E 28th Avenue N Rivera.

One - story and basement frame and stucco residence.
Owner & Builder—N. E. Johnson, 666 Mission Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. W San Bruno, NE Ordway.
One - story and basement frame and stucco residence.
Owner—Raymond Maresl, 329 10th St.
Architect—F. W. Dakin, 625 Market Street.

Low Bidder
RESIDENCE Cost, $——
SAN FRANCISCO. St. Francis Wood.
Two - story and basement frame and stucco residence (7 rooms and 2 baths).
Owner—Mr. Von Gelden.
Architect—L. A. Kruse, 2 5 1 Kearny Street.
Low Bidder — Thos. A. Cuthbertson, 430 Noriega Street.

Sub-Contracts Awarded.
RESIDENCES AND LABORATORY Contract Price, $13,436
VALLEJO, Solano Co., Calif.
Two-story frame duplex residence (1 6-room and one 5-room residence) redwood siding, electric heaters, electric hot w a t e r, composition roof, septic tank, etc.) and two-story frame laboratory bldg. (redwood siding) three garages.
Owner—City of Vallejo.
Architect—Chas.E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—James Bitcon, 629 Louisiana St., Vallejo.
Roofing—Pacific Roofing Co., Vallejo.
Plumbing—Tom Beasley, Vallejo.
Electric Wiring—Ed. Pierce Electric Co., Vallejo.
Sheet Metal — Monarch Sheet Metal Works, Vallejo.
Tile Work—Superior Tile Co., Oakland.
Glass—Vallejo Lumber Co., Vallejo.
Lathing and Plastering—L. W. Johnson, Vallejo.
Lumber—Vallejo Lumber Co., Vallejo.
Painting—Jack Barnewitz, Vallejo.
Concrete—J. K. Moore, Vallejo.
Flooring—Webster & Brown, Vallejo.
Reinforcing Steel—McGrath, Steel Co. 354 Hobart St., Oakland.

Contract Awarded
RESIDENCE Cost, $4,500
SAN FRANCISCO. W 42nd Avenue N Kirkham Street.
One - story and basement frame and stucco residence.
Owner—J. D. Gilpin, 265 San Leandro Way.
Architect—Not Given.
Contractor—Einar J. N. Berg, 24 Stillings Street.

Contract Awarded.
RESIDENCE AND OFFICE $——
TRACY, San Joaquin Co., Cal. NE Ofcee and 12th Streets.
Two-story frame and stucco residence and office (9 rooms).
Owner—Dr. C. E. Wilent, Tracy.
Architect—Not Given.
Contractor—C. L. Few, 525 Semple St., Modesto.

Low Bidder.
RESIDENCE Cost, $8000
SACRAMENTO, Sacramento Co., Cal. Forty-fourth Street.
Two-story frame and stucco residence (6 rooms, 2 baths) tile roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—G. M. Hauck.
Architect—Chester Treichel, 969 Cleveland St., Oakland.
Low Bidder — Joel Johnson, 1614 Church St., San Francisco.

15— SCHOOLS

Plans Approved.
ADDITION Cost, $103,680
BAKERSFIELD, Kern Co., Calif.
Two-story reinforced concrete extension to library (plaster -acoustic exterior finish, metal lath, and plaster interior partitions, concrete floors, steam heating system crane Company or equal plumbing goods, seasoned birch interior finish, tile roofing, etc.)
Owner — Kern County Union High School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francsico.
Plans have been approved by the State Division of Architecture, Sacramento.
Bids will be asked shortly.

PLANNED
MOJAVE, Kern Co., Cal.—Mojave Grammar School District proposes erecting a new elementary school in Mojave, and has authorized a committee to investigate a building site, taxation, etc. Sketches for a six-room building and auditorium to seat 500 persons have been submitted by the architectural office of Edward J. Symmes, Haberfelde Bldg., Bakersfield.

Commissioned To Prepare Plans.
ALTERATIONS Cost, $5000
BERKELEY, Alameda Co., Calif.
Alterations and additions to Washington School (new stairs, exits, etc.)
Owner—Berkeley Board of Education.
Engineer—Thos. Chace, Berkeley Bd. of Education.
Consulting Architect — Wm. C. Ambrose, Berkeley Board of Education.

SUB-BIDS WANTED
TULARE COUNTY, Cal.—Midstate Const. Co., 245 Clinton St., Fresno, desires sub-bids on all portions of the work for the construction of the academic wing at the Tulare High School for which bids will be opened April 17, 2 P. M. W. D. Coates, Fresno, architect.

LOW BIDDER
LOS ANGELES, Calif.—A n g e l e s Painting & Decorating Co., 2311 Riverdale Ave., submitted low bid to the Los Angeles board of education at $1755, for painting and miscellaneous work on the 1928 portion of the main building at Riggin Avenue school.

LOW BIDDER
LOS ANGELES, Cal.—Klaas Bros., 3709 Edenhurst Ave., submitted low bid to Los Angeles board of education at $5930 for painting and miscellaneous work on the east and west buildings at Eastman Street school, 1200 S. Eastman Street.

CONTRACT AWARDED
LOS ANGELES, Cal.—Harry Wasserman, 424 N Crescent Heights Blvd. awarded contract by the Los Angeles board of education at $1275 for painting and miscellaneous work on the annex building (less the auditorium portion) at Woodcrest School.

CONTRACT AWARDED
ALHAMBRA, Los Angeles Co., Cal. —Campbell Construction Co., 951 S. Genesee St., Los Angeles, awarded general contract by Alhambra board of education (subject to PWA approval) at $49,406, for construction of an auditorium and classroom building at the Garfield school site in Alhambra. Atlas Construction Co., who was the low bidder, was permitted to withdraw its bid. John Walker Smart, 39 E. Main St., Alhambra, Architect; and Murray Erick, Architects' Bldg., Los Angeles, Architect.

CONTRACT AWARDED
LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E. 18th St., awarded contract at $2396 by Los Angeles board of education for painting work at the Gulf Avenue school, 1196 Gulf Avenue, Wilmington.

CONTRACTS AWARDED
LOS ANGELES, Calif. — Patterson Bros., Builders' Exchange Building, Oakland, awarded contract by Los Angeles board of education at $1970 for painting and miscellaneous work on the 1924 portion of the main building at Fifty-ninth Street School.

CONTRACT AWARDED
LOS ANGELES, Calif.—D. Zelinsky & Sons, 1438 E. 18th St., vere awarded contract at $5436 by Los Angeles board of education for painting work at the Torrance high school, corner of Carson and Watson Sts., Torrance.

CONTRACT AWARDED
LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E. 18th St., awarded contract at $3626 by Los Angeles board of education, for painting work at the Leland Street school, corner of Leland and 22nd Sts., San Pedro.

CONTRACT AWARDED
LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E. 18th St., awarded contract at $2638 by Los Angeles board of education, for painting work at the Orange Street school, 25,902 Eschelman Avenue.

CONTRACT AWARDED
LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E. 18th St., awarded contract at $4380 by Los Angeles board of education for painting work at the Wilmington Park school, 1140 Mahar Ave., Wilmington.

CONTRACT AWARDED
LOS ANGELES, Calif.—T. A. Rucker, 1012 S. Adams St., Glendale, awarded contract at $9320 by the Los Angeles board of education, for painting and miscellaneous work on the main, classroom, annex, cafeteria and domestic science and mechanical arts buildings at the John 'Muir junior high school, 5929 S. Vermont Ave.

CONTRACT AWARDED
LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E. 18th St., Los Angeles, awarded contract by Los Angeles board of education at $1384, for painting and miscellaneous work on the main building (less 1925 portion) at Pacoima school, 11,066 Norris St., Pacoima.

CONTRACT AWARDED
LOS ANGELES, Calif. — Harman Pacific Co., 422 E. Third St., awarded a contract for a two-story school building to be built at Holy Spirit school, corner of Pico and Dunsmuir Ave., for the Roman Catholic Bishop of Los Angeles and San Diego. Henry Carlton Newton and Robert Dennis Murray, 502 Architects' Bldg., Architects.

CONTRACT AWARDED
WILMINGTON, L. A. Co., Calif.— D. Zelinsky & Sons, 1438 E. 18th St., awarded contract by Los Angeles board of education, at $1936, for painting and miscellaneous work on Building No. 1 at Fries Avenue school, 1301 Fries Ave., Wilmington.

Contracts Awarded
ADDITION Cost, $——
SAN FRANCISCO. Aptos Avenue and Upland Drive.
Three-story reinf. concrete additions to the Aptos Junior High School (ten classrooms, lavatories, etc.) composition roof over concrete slab, wood sash, etc.
Owner—City and County of San Francisco.
Architect—Dodge Reidy, 821 Market Street.
Contractor—DeLuca & Son, 1745 Filbert St., $58,848.
Mechanical and Plumbing—Skelly and Kohler, 1344 9th Ave., $6,750.
Electric—H. S. Tittle & Co., 85 Columbia Square, $1,798.
Following sub-contracts awarded.
Excavation—Piombo Bros., 1571 Turk St., $1,500.
Reinforcing Steel—Concrete Engr. Co. 1280 Indiana St., $6,117.
Brick—A. Nelson, $648.
Marble—Jos. Musto Sons Keenan Co., 535 North Point St., $1,003.
Terrazzo—Henry Gervais Co., 1727 Mission St., $1,630.
Mill Work—Acme Mfg. Co., 354 Bayshore Blvd., $2,345.
Sheet Metal—Morrison & Co., 74 Duboce Ave., $692.
Roofing—J. W. Bender Roofing Co., 18th and Bryant Sts., $397.
Linoleum—Royal Floor & Linoleum Co., 1930 Van Ness Ave., $1,380.
Finish Hardware — Palace Hardware Co., 581 Market St., $1,189.65.
Glass—Habenicht & Howlett, 529 Clay Street, $602.
Asphalt Paving—Lowrie Paving Co., $.15 per sq. ft.;
Tile—Albert Cook, 334 Claremont Blvd., $2,800.
Painting—Lee Dixon, 18 Eureka St., $1,384.
Slab Forms—Steelform Contr. Co., 688 Harrison St., $698.
Fence—Kamlan Fence Co., 351 Bryant St., $80.
Iron Work—Fair Mfg. Co., 617 Bryant St., $896.
Metal Windows—Fair Mfg. Co., 617 Bryant St., $1,333.
Blackboards — American Seating Co., 207 Van Ness Ave. South, $2,316.47
Window Hardware — Hauser Window Co., 557 Market St., $480.
Concrete—John Cassaretto, Sixth and Channel Sts. (unit prices);
Plaster and Cast Cement—A. W. Cordes, 666 Mission St., $4,895.
Shades—D. N. & E. Walter Co., 562 Mission St., $307.99.
Lockers—Fred. Medart Mfg. Co., 126 Post St., $734.72.

CONTRACT AWARDED
VAN NUYS, L. A. Co., Calif.—New Deal Decorators, 4125 S. Figueroa St., awarded contract by Los Angeles board of education, at $1770, for painting and miscellaneous work on the new administration building at Van Nuys high school, 6535 Cedros Ave., Van Nuys.

CONTRACT AWARDED
SAN PEDRO, L. A. Co., Calif.—D. Zelinsky & Sons, 1438 East 18th St., Los Angeles, awarded contract by Los Angeles board of education, at $3469, for painting and miscellaneous work on Building No. 1 at Fifteenth Street school, 1527 Mesa St., San Pedro

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Preparing Working Drawings.
SCHOOL Cost, $——
SAN FRANCISCO. Franklin St. and Broadway.
Three - story reinforced concrete parochial school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—H. A. Minton, 525 Market.
Engineer—L. H. Nishklan, 525 Market
Bids will be asked in about 2 weeks.

CONTRACT AWARDED
LOS ANGELES, Cal.—H. J. McKinley, 9305 Burton Way, Beverly Hills, awarded contract by Los Angeles board of education, at $2880, for painting and miscellaneous work on the shop and administration buildings at Lafayette junior high school, 1515 East 14th St.

MATERIAL BIDS WANTED
BERKELEY, Cal.—Until April 28, 8 P. M., material bids will be received by the Berkeley Board of Education for reconstruction work at the Burbank School. Estimated cost of materials is $1,500.

LOW BIDDER
LOS ANGELES, Calif. — Patterson Bros., Builders' Exchange Bldg., Oakland, submitted low bid to Los Angeles board of education at $1970 for painting and miscellaneous work on the 1924 portion of the main building at Fifty-ninth Street school, 5925 Second Avenue.

CONTRACT AWARDED
LOS ANGELES, Calif.—R. J. Chute, 2506 W. Santa Barbara Ave., awarded contract by Los Angeles board of education ot $54,491 for reconstruction, rehabilitation and strengthening of the main brick building at Yorkdale school, 5657 Meridian St. C. K. Denman, 422 Washington Bldg., Architect; and Stephenson B. Barnes, 803 W. Third St., Structural Engineer.

CONTRACT AWARDED
TORRANCE, L. A. Co., Calif.—D. Zelinsky & Sons, 1438 East 18th St., Los Angeles, awarded contract by Los Angeles board of education at $4432, for painting and miscellaneous work on the main building at Torrance elementary school, corner of 220th and Martina Sts., Torrance

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CONTRACT AWARDED
LOS ANGELES, Cal.—J. P. Carroll Co., 218 N. Juanita St., Los Angeles, awarded contract by Los Angeles board of education at $2489, for painting and miscellaneous work on the north and south wings of the main building at San Fernando elementary school, corner of Mission Blvd. and Mott St., San Fernando.

CONTRACT AWARDED
LOS ANGELES, Cal.—William Gelfan, 646 S. La Brea Ave., Los Angeles, awarded contract by Los Angeles board of education, at $3525, for painting and miscellaneous work on the main building (less auditorium section) and the cast building at Point Fermin school, 3333 Kerckhoff Avenue, San Pedro.

BIDS WANTED
LOS ANGELES, Cal.—Until April 16, 2 P. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St. for the reconstruction, rehabilitation and strengthening of the physical education building at John Muir Junior High School, 5929 S. Vermont Ave. Cost, $37,500. Ray J. Kleffer, 5369 Wilshire Blvd., Architect, and Ryan A. Grut, 1007 S. Grand Ave., Structural Engineer.

Reinforcing Steel Contract Awarded.
SCHOOL Cont. Price, $76,229
NEVADA CITY Nevada Co., Calif.
One-story frame and stucco elementary school (13 classrooms and auditorium to seat 300) steam heating system, pine and maple floors)
Owner — Nevada City Elementary School District.
Architect—Wm. Mooser, Monadnock Bldg., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Meyer Bros., 735 Portola Drive, San Francisco.
Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
As previously reported, electric awarded to United Elec. Constr. Co., 1190 Bryant St., S. F., $5247; plumbing, heating and Ventilating to Scott Co., 243 Minna St., San Francisco, $15,789.

Bids Wanted—To Close April 16, 2:00 P. M.
HIGH SCHOOL Cost, $110,000
CARSON CITY, Ormsby Co., Nev.
High school and gymnasium building.
Owner—Carson City High School Dist.
Architect—Not Given.
Bids are being taken as follows:
(1) High school and gymnasium.
(2) Gymnasium building only.

Sub-Contracts Awarded.
GYMNASIUM Cont. Price, $17,700
MODESTO, Stanislaus Co., Calif.
Construct portion of girls' gymnasium at Modesto High School.
Owner—Modesto High School District
Architect—John J. Donovan, 950 Parker St., Oakland.
Contractor—H. Tennyson, 135 Poplar St., Modesto.
Roofing — Central Roofing Co., Modesto.
Plumbing—Hansen's, Modesto.
Electric Wiring—Modesto Electric Co., Modesto.
Heating and Sheet Metal—D. R. Hoffman, Modesto.
Lumber—Stanislaus Lumber Co., Modesto.
Painting—A. J. Felt, Modesto.
Reinforcing Steel — F. A. Klinger, Stockton.
Structural Steel — Palm Iron Works, Sacramento.

LOW BIDDER
LOS ANGELES, Cal.—Reid & Alexander, 3124 Olive St., Huntington Park, submitted low bid to Los Angeles Board of Education at $44,780 for reconstruction, rehabilitation and strengthening of 1925 portion of the main building at Ascot Avenue School, 1425 East 45th St. A. C. Munson, Rm 404, 433 So. Spring St. Architect, and W. M. Bostock, 6723 Passaic Ave., Huntington Park, Structural Engineer.

LOW BIDDER
LONG BEACH, Los Angeles Co., Cal.—Duff & Vandenhoogen, 733 W. 14th St., Long Beach, submitted low bid to Long Beach Board of Education at $37,875, for construction of the Signal Hill School building. Low bidders on other contracts were: Kuster-Wetzel Electric Co., 214 E. Broadway, Long Beach, electric wiring at $3088; Clarke Plumbing Co., 3304 E. 7th St., Long Beach, plumbing and heating at $3332. Clarence J. Aldrich, architect, 1834 Dawson Ave., Long Beach.

CONTRACT AWARDED
LOS ANGELES, Cal.—Wm. J. Shirley, 1724 S. Vermont Ave., awarded contract by Los Angeles Board of Education, at $55,990 for one-story frame building, (60x150 ft.) (unit No. 2) to be erected at Sixty-first Street School, 6050 S. Figueroa St. A. S. Nibecker Jr., architect, 1425 S. San Pedro St.

LOW BIDDER
LOS ANGELES, Calif. — Angelus Painting & Decorating Co., 2311 Riverdale Ave., submitted low bid to Los Angeles board of education at $628, for painting and miscellaneous work on the north and south buildings at Santa Barbara Ave. school, 3990 S. Western Ave.

Plans Approved.
RECONSTRUCTION Cost, $12,000
BERKELEY, Alameda Co., Calif.
Reconstruction of Hillside Auditorium
Owner—Berkeley Board of Education.
Consulting Architect — W. C. Ambrose, Berkeley Bd. of Education.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Plans have been approved by the State Division of Architecture, Sacramento.

Contract Awarded.
GYMNASIUM Cont. Price, $15,090
MODESTO, Stanislaus County, Calif. Roosevelt Elementary School.
Construct portion of boys' gymnasium at Roosevelt Elementary School.
Owner—Modesto City School District.
Architect—J. J. Donovan, 950 Parker St., Berkeley.
Contractor—L. Ubels, Ripon.
Complete bids published March 31.

Bids Wanted — To Close April 17, 2 P. M.
ACADEMIC WING Cost, $65,000
TULARE, Tulare Co., Calif.
One-story concrete & wood academic wing.
Owner—Tulare High School District (W. B. Knokey, Supt. of Schools).
Architect—W. D. Coates, Rowell Bldg., Fresno.
Bids are being taken as follows:
(1) General Work.
(2) Mechanical Work.
(3) Electrical Work.
Plans and specifications may be obtained from the school District and from the architect upon deposit of $25.

BID OPENING DATE POSTPONED
SAN FRANCISCO.—Until April 29, 2:30 P. M. (date postponed from April 15) bids will be received by the Department of Public Works, Room 251, City Hall, for the installation of blackboards in the following schools:
Excelsior School: Excelsior Avenue and London Street.
Andrew Jackson School: Grove St. between Clayton and Cole.
Grattan School: Schrader Street between Alma and Grattan.
F. J. McCoppin: Seventh Ave. bet. Balboa and Cabrillo.
Commodore Sloat School: Junipera Serra Blvd. between Darien Way and Ocean Avenue.
Estimated cost, $15,000.
Plans may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $15.00.

Contract Awarded
SCHOOL Contract Price, $39,300
HANFORD, Kings Co., Calif. Douty and Courtney Streets.
One-story reinforced concrete elementary school (North Grammar School).
Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor—R. P. Moore, 3662 Verrue Ave., Fresno.

Contracts Awarded.
ADMINISTRATION BUILDING Cost, $125,000
FRESNO, Fresno Co., Cal. Mariposa and O Streets.
Two-story reinforced concrete school administration building.
Owner—Fresno School District.
Architect—Allied Architects of Fresno
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

General Work — Fisher & McNulty, Cory Bldg., Fresno, $84,039.
Mechanical Work—Barrett-Hicks Co., 1027 Broadway, Fresno, $9948.
Electric—Robinson Electric Co., 136 N. Van Ness Ave., Fresno, $8516.
Complete bids published April 1.

Preparing Working Drawings.
SCHOOL Cost, $60,000
PETALUMA, Sonoma Co., Cal. Howard and Walnut Streets.
Two-story and basement reinforced concrete parochial school (8 classrooms; 37x156 ft.) for St. Vincent's Parochial School.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Arnold Constable, 580 Market St., San Francisco.
Structural Engineer — K. Theill, 580 Market St., San Francisco.
Bids will probably be asked about May 15.

BIDS WANTED
LOS ANGELES, Cal.—Until April 15, 2 P. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for painting and miscellaneous work at the following schools: The Palms School, 3520 Motor Ave., Palms Station; south and north buildings, cost, $4,500; John Burroughs Junior High School, 600 S. McCadden Place, main and shop buildings, cost $1800; Hollywood High School, 1521 N. Highland Ave., Hollywood, library building, cost, $1500; Los Angeles Junior College, 855 No. Vermont Ave., men's physical education building, cost $1500

Preparing Working Drawings.
GYM. AND POOL Cost, $155,000
DALY CITY, San Mateo Co., Calif.
One-story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring), reinforced concrete swimming pool (40x75 feet).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Plans will be completed in about six weeks.

Bids Wanted — To Close April 25, 1:30 P.M.
PHYSICAL ED. BLDG. $400,000
PULLMAN, Washington.
Four-story health and physical educaton building (152x180 ft.) (gymnasium, swimming pool, exercise rooms, etc.)
Owner—State of Washington.
Architect—S. A. Smith, State College Pullman.
Bids are being taken on a general contract with separate bids for plumbing, heating and electric wiring.
Plans and specifications may be obtained from the architect upon deposit of $25 for general plans and $20 for plumbing, heating and wiring.
As previously reported, Norris & Rucker, Pullman, awarded contract for excavation at $5150.

BIDS WANTED
LOS ANGELES, Cal.—Until April 20, 2 P. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the main building at Alexandria Avenue School 4211 Oakwood Ave. Cost, $71,000. C. F. Skilling, 1008 West Adams Blvd., Architect, and Martin Pohl, 2600 S. Hoover St., Structural Engineer.

Bids Wanted — To Close April 25, 1:30 P. M.
RESIDENCE HALL Cost, $275,000
PULLMAN, Washington. Campus of State College.
Four-story and basement reinforced concrete residence hall (brick panel walls, etc.) 168x160 feet.
Owner—State of Washington.
Architect — Stanley A. Smith, State College, Pullman.
Bids are being taken on a general contract with separate bids for plumbing, heating and wiring.
Plans and specifications may be obtained from the architect upon deposit of $35 for general plans and $20 for plumbing, heating and wiring

LOW BIDDER
LOS ANGELES, Calif.—D. Zelinsky & Sons, 1438 East 18th St., submitted low bid to Los Angeles board of education at $2128, for painting and miscellaneous work on the north building at Sheridan Street school, 2322 E. Sheridan St.

Sub-Contracts Awarded.
SCHOOL Cont. Price, $30,455
CAYUCOS, San Luis Obispo Co., Cal.
One-story frame school building (two classrooms, auditorium and administration quarters; steam heat; ornamental iron, etc.)
Owner—Cayucos School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—Theo. M. Maino, 1424 Mill St., San Luis Obispo.
Roofing—Kyle Roofing Co., San Luis Obispo.
Plumbing — Smee's Plumbing Shop, San Luis Obispo.
Electric Wiring & Heating—Rudolph Electric Shop, San Luis Obispo.
Sheet Metal — W. A. Brouillet Sheet Metal Works, San Luis Obispo.
Tile Work—Faulstich Bros., San Luis Obispo.
Lathing and Plastering—Carl Carlson San Luis Obispo.
Lumber—Pacific Coast Coal Co., San Luis Obispo.
Wood Sash—S. P. Milling Co., San Luis Obispo.
Hardware — Marshall Newell Supply Co., San Luis Obispo.
Painting—Home Decorating Co., San Luis Obispo.
Reinforcing Steel—Concrete Engineering Co., Los Angeles.

LOW BIDDER
LOS ANGELES, Calif.—Harry Wasserman, 424 N. Crescent Heights Blvd. submitted low bid to Los Angeles board of education at $1275, for painting and miscellaneous work on the annex building (less auditorium portion) at Woodcrest school, 1151 West 109th St.

CONTRACT AWARDED
LOS ANGELES, Calif.—D. Zelinsky & Sons, 1438 East 18th St., Los Angeles, awarded contract by Los Angeles board of education at $600, for painting and miscellaneous work on the shop building at Canoga Park high school, 6850 Topango Canyon Blvd., Canoga Park.

LOW BIDDER
LOS ANGELES, Cal.—Chris Heinsbergen, Jr., 2824 Olympic Blvd., submitted low bid to Los Angeles board of education, at $1775, for painting and miscellaneous work on the annex building (less auditorium portion) and Unit No. 2 at Malabar Street school, 3200 Malabar St.

16—BANKS, STORES AND OFFICES

Plans Being Prepared.
RESTAURANT Cost, $4000
SAN FRANCISCO. Hunters Point.
One-story frame restaurant (stucco and tile front, etc.)
Owner—Mr. Crissey.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Sub-Bids will be taken within a few days.

SUB-BIDS WANTED

MILL VALLEY, Cal. — Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco, desires sub-bids on all portions of the work for the construction of the one-story reinforced concrete store building to be erected in Mill Valley for O'Shaughnessy Estate, for which bids will be opened April 14.

Plans prepared by Lawrence Kruse, 251 Kearny St., San Francisco. *

Contract Awarded.

ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 1222-40 Mission Street.
Alterations to stores.
Owner—Hale Bros., Inc., Fifth and Market Sts., San Francisco.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded.

ALTERATIONS Cost, $25,000
OAKLAND, Alameda Co., Cal. Broadway near Thirteenth Street.
Alterations for restaurant, cocktail lounge and bar.
Owner—Tiny's Waffle Shop.
Architect—A. R. Williams, Humboldt Bank Bldg., San Francisco.
Fixtures—Mullen Manufacturing Co., 60 Rausch St., San Francisco.

BIDS OPENED

SAN FRANCISCO—Van Fleet-Freear Co., 557 Howard St., at $152 submitted low bid to Department of Public Works for the installation of acoustical treatment in the office of the Assistant Director of Public Health, Health Center Building, to match the present installation in adjoining office. Only other bid was submitted by the Western Asbestos Co. at $210.

Bids held under advisement. *

Sub-Bids Wanted.

STORE Cost, $15,500
ALAMEDA, Alameda Co., Cal. No. 1533 Webster Street.
One-story reinforced concrete store building.
Owner—The Lurie Co., 333 Montgomery St., San Francisco.
Plans by George W. Cotterill, 4221 Horton St., Emeryville.
Contractor—Daley Bros., 4221 Horton St., Emeryville.

Sub-bids are wanted on roofing, plumbing, electric wiring, sheet metal glass, lathing and plastering, steel sash, concrete and reinforcing steel.

Contract Awarded

Architect—Not Given.
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 1104 Valencia St.
Alterations to restaurant.
Owner—George E. Austin, 111 Sutter.
Architect—Not Given.
Contractor—Victor E. Ratto, 4594 19th Street.

PLANS BEING FIGURED

LOS ANGELES, Cal. — Columbia Pictures Corp., 1438 N. Gower Street, is takng bids for four-story frame and stucco office building to be built at its studios, 1438 N. Grower St. Will be 34x100 feet in area, composition roofing, steel and wood sash, toilets, cement and wood floors, pine trim, automatic storage water heater, gas heating, tile work, metal lath, etc. Geo. C. Anderson, 1438 N. Grower St., Architect. Cost,, $31,500.

CONTRACT AWARDED

LOMPOC, Santa Barbara Co., Cal.—H R. Graham, 2301 Castillo St., Santa Barbara, awarded contract at $63,996 (subject to PWA approval) by Santa Barbara county supervisors, for the construction of a veterans' memorial building and county offices at Lompoc. The building will be a one- and part two-story structure, wood frame construction, tile and composition roofing, Oregon pine trim, maple, mastic and tile floors, gas steam radiators, water heaters, artificial stone, steam radiators, water heaters, artificial stone, ornamental iron, steel windows, tile work, wall board, etc. Winsor Soule and John Frederick Murphy, 116 E. Sola St., Santa Barbara, Architects.

Contract Awarded.

STORE Cont. Price, $5903
SAN JOSE, Santa Clara Co., Calif. Second Street.
One-story frame and stucco store bldg
Owner—Max Blum.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Henry Bolwin, 1041 Garland Ave., San Jose.

Complete bids published March 25.

Planned

ALTERATIONS Cost, $25,000
VALLEJO, Solano Co., Cal. 307 Georgia Street.
Alterations to store and hotel building.
Owner—Farnham Estate.
Architect—Not Given.
Lessee—Levee's Department Store, Vallejo. *

Contract Awarded

ALTERATIONS Cost, $4,000
SAN JOSE, Santa Clara Co., Calif. 35-39 W. Santa Clara Street.
Alterations to store building.
Owner—Dr. A. J. Baiocchi, 369 South Third St., San Jose.
Architect—Not Given.
Contractor—Megna & Newell, 838 Minnesota Ave., San Jose.

Contract Awarded

ALTERATIONS Cost, $2,000
SAN FRANCISCO. 2699 Mission St.
Alterations to drug store.
Owner—Mrs. Anna Helke, 785 Trestle Glen Road, Oakland.
Architect—Not Given.
Contractor—Arnold Mfg. Co., 1693 Mission Street.

Contract Awarded

ALTERATIONS Cost, $1,500
SAN FRANCISCO. 2849 California St.
Alterations to market.
Owner—W. F. Roberts & Sons.
Architect—Not Given.
Contractor—H. E. Rahlmann Co., 251 Kearny Street.

Contract Awarded

ALTERATIONS Cost, $1,500
SAN FRANCISCO. 182 Valencia St.
Alterations to flower shop.
Owner—Ben Slyter, 1001 Valencia St.
Architect—Not Given.
Contractor—L. M. Willis, 3275 Mission Street. *

Contract Awarded

ALTERATIONS Cost, $1,500
SAN FRANCISCO.— NW Sixth Street and Minna.
Alterations to store building.
Owner—J. T. McDevitt, Postal Telegraph Building.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission Street.

Contract Awarded.

ALTERATIONS Cost, $2980
BERKELEY, Alameda Co., Cal. No. 64 Shattuck Avenue.
Alterations and additions to store.
Owner—Roos Bros., Inc.
Architect—Albert R. Williams, Humboldt Bank Bldg., San Francisco.
Contractor—S. Kulchar & Co., 731 E. 10th St., Oakland.

Contract Awarded.

STORE Cost, $6000
OAKLAND, Alameda Co., Calif. No. 3614 Foothill Blvd.
One-story store building.
Owner—W. J. Bauman, Premises.
Architect—Not Given.
Contractor—Hawthorne & Baugh, 2101 64th Ave., Oakland.

Contract Awarded.

BUILDING. Cont. Price, $12,500
SAN RAFAEL, Marin County, Calif. Fourth Street.
One-story reinforced concrete store and Mfg. bldg. (75x126 feet).
Owner—Harry DeGregory, San Rafael
Architect — N. W. Sextor, deYoung Bldg., San Francisco.
Contractor—DeLuca & Son, 1745 Filbert St., San Francisco.

Preparing Working Drawings.

BANK AND STORE Cost, $100,000
BURLINGAME, San Mateo Co., Cal.
One-story reinforced concrete bank & store building.
Owner—San Francisco Bank, 526 California St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

BIDS WANTED

SAN FRANCISCO.—Until April 29, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, for the construction of a new administration building at the San Francisco Airport.: Airport Contract No. 38. Building will be a reinforced concrete structure with reinforced concrete structural walls, metal lath and plaster partitions on metal studs, tile roof and will have a timber frame kitchen wing on northerly side.

Plans prepared by the Airport Bureau, 425 Mason Street.

Plans and specifications may be obtained from Room 605, 425 Mason St., upon deposit of $20.00.

Contract Awarded

STORE Cost, $10,000
OAKLAND, Alameda Co., Calif. 2366 Valley Street.
Two - story reinforced concrete store building.
Owner—A. Lyng, 1955 Webster Street, Oakland.
Architect—A. R. Froberg, 1955 Webster St., Oakland.
Contractor—H. J. Christensen Co. 1955 Webster St., Oakland.

Contract Awarded

ALTERATIONS Cost, $4,500
SAN FRANCISCO. 245 11th Street.
Alterations to offices.
Owner—Standard Brands of California 245 11th Street.
Plans by Engineering Dept. of Owner.
Contractor—Barrett & Hilp, 918 Harrison Street.

To Be Done By Day's Work

ALTERATIONS Cost, $4,000
SAN FRANCISCO. 405 Montgomery.
Alterations to offices.
Owner—California Montgomery Company, 405 Montgomery Street.
Architect—Not Given.

Contract Awarded

STORE Cost, $——
SAN FRANCISCO. Lawton St. bet. 25th and 26th Avenues.
One - story frame and stucco store building (two stores).
Owner—Martin Stelling, 115 Montgomery Street.
Architect—Earle B. Bertz, 681 Market Street.
Contractor—Peter Sartorio, 666 Mission Street. *

Plans Being Figured—Bids Close Apr. 14, 2:00 P. M.
STORE Cost, $15,000
MILL VALLEY, Marin Co., Calif.
One - story and basement reinforced concrete store building.
Owner—O'Shaughnessy Estate.
Architect — Lawrence Kruse, 251 Kearny St., San Francisco.
Following will submit bids:
Lindgren-Swinerton, Inc., 225 Bush St., San Francisco.
Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
Moore & Madsen, 557 Market St., San Francisco.
Leibert & Trobock, Albert Bldg., San Rafael.
James L. McLaughlin, 251 Kearny St., San Francisco.

Contract Awardeo
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 354-62 Geary St.
Alterations to store.
Owner—United Realty Co., 350 Geary.
Engineer—L. H. Nishkian, 525 Market Street.
Fink & Schindler Co., 552 Brannan St.

PREPARING PLANS
SAN BERNARDINO, Calif.—Architect Howard E. Jones, 516 Andreson Bldg., San Bernardino, is preparing plans for a 2-story rein. concrete and steel store and office building to be erected at the corner of Third and E Sts., San Bernardino, for Citizens National Trust & Savings Bank of Riverside.

Bids In—Held Under Advisement.
ALTERATIONS Cost, $25,000
OAKLAND, Alameda Co., Cal. Broadway near Thirteenth Street.
Alterations for restaurant, cocktail lounge and bar.
Owner—Tiny's Waffle Shop.
Architect—A. R. Williams, Humboldt Bank Bldg., San Francisco.
Announcement will be made shortly.

Contract Awarded.
ALTERATIONS Cost, $45,000
FRESNO, Fresno Co., Cal. No. 1014 Fulton Street.
Alterations to store building (new plate glass and metal store fronts, display windows, ornamental metal, marble facing, structural glass trim, cabinet work, mirrors, interior fixtures, plastering, decorating, air conditioning, etc.)
Owner — Hugo D. Newhouse, Russ Bldg., San Francisco.
Architect—Harbin F. Hunter, 815 Bankers Bldg., Los Angeles.
Lessee—Zukors Dress Shop, San Francisco.
Contractor—Standard Cabinet Works, 1822 E. Washington Blvd., Los Angeles.

Sub-Contracts Awarded
ALTERATIONS Cost, $——
PALO ALTO, Santa Clara Co., Calif. Three miles south of Palo Alto.
Alterations to one-story frame tavern (shingle exterior, hardwood flooring, dance floor, mill work, bar fixtures, plastering, plumbing, etc.)
Owner—Ed. Blas.
Architect—Not Given.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.
Lumber—Palo Alto Lumber Co., Palo Alto.
Plumbing—Lee & Sharp, Palo Alto.
Concrete—Urban Bros., Palo Alto.
Interior Panel Boarding—Western Asbestos Co., 675 Townsend St., San Francisco. •

Bids Wanted—To Close April 27, 4:30 P. M.
SHED EXTENSION Cost, $85,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
Superstructure for extension to Transit Shed No. 2 (270-ft. northerly extension) steel and concrete construction).
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Bids will be asked upon approval of plans by the PWA.
Plans and specifications may be obtained from above office upon deposit of $25.00.
As previously reported, structural steel contract awarded to Herrick Iron Works, 1729 Campbell St., Oakland, at $15,240. •

Plans Being Figured
ALTERATIONS Cost, $——
SAN FRANCISCO. 746 Brannan St.
Alterations to building for manufacturing plant and offices.
Owner—Bothin Realty Co., 604 Mission Street.
Architect — Angus McSweeney, 604 Mission Street.
Lessee—H. D. Lee Mercantile Company, 718 Mission Street. •

Plans Being Figured
BANK & STORE Cost, $——
COLUSA, Colusa Co., Calif.
One - story reinforced concrete bank and store bldg. (granite and terra cotta exterior, tile roof, air conditioning system, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Department of Owner.

17— THEATRES

Planned.
THEATRE Cost, $——
SAN RAFAEL, Marin Co., Cal. S Fourth St., bet. D and E Sts.
New theatre building to seat approximately 1800.
Owner—Blumenfield Theatres Corp., 25 Taylor St., San Francisco.
Architect—William Rowe, 351 California St., San Francisco.
Proposed building in very preliminary stage.

Bid Opening Date Postponed.
ALTERATIONS Cost, $10,000
SALINAS, Monterey Co., Calif. No. 137 Main Street.
Alterations to Crystal Theatre.
Owner—Crystal Theatre, Salinas.
Architect — Jorgensen & Deichmann, Associated Architects, 110 Sutter St., San Francisco.
Bids were scheduled to be opened April 2 but have been postponed temporarily, the owner being out of town.

Plans Being Figured
REBUILD THEATRE Cost, $——
MODESTO, Stanislaus Co., Calif.
Rebuild theatre (recently destroyed by fire).
Owner—Modesto Theatre (W. R. Messinger, McHenry St., Modesto.)
Architect—Russell G. deLappe, 5905 Keith Street, Berkeley.
Bids are being taken from a selected list of contractors as follows:
General Construction;
Projection Booth Equipment;
Painting and Decorating;
Heating and Ventilating;
Electric Wiring.
Plans are on file at the San Francisco Builders' Exchange, 666 Mission St.; Oakland Builders' Exchange, 354 Hobart St.; American Lumber Co., Modesto, and in the office of the architect (Humboldt 1875).

PREPARING PLANS
BEVERLY HILLS, L. A. Co., Calif. —Architect Allen J. Siple, 450 N. Beverly Dr., Beverly Hills, is to be built at the northwest corner of Lasky and Durant Dr., Beverly Hills, for Theater Arts, Inc. The structure will contain an auditorium, classrooms and an apartment. Cost $80,000.

18— WHARVES & DOCKS

Contract Awarded.
WHARF Cost, $15,985
OAKLAND, Alameda Co., Cal. No. 2201 E-Seventh Street.
Timber wharf.
Owner—Taylor Mill Corp., 2211 E-7th St., Oakland.
Architect—Edwin Draper, 309 Hobart St., Los Angeles.
Contractor — Western Industrial Engineering Co., 2201 E-7th Street, Oakland.

Sub-Contracts Awarded
DOCK & SHED Cont. Price, $50,896
STOCKTON, San Joaquin Co., Calif. Stockton Waterfront.
Local freight and barge trans - shipment dock and transit shed (extension to water system, drainage railroad and road systems) heavy mill construction, corrugated iron covering, composition roofing, concrete floors, etc.
Owner—Stockton Port Commission.
Plans by Engineering Dept. of Owner
Contractor—O. H. Chain, 41 So. Sutter St., Stockton.
Roofing—Stockton Roofing Co., 736 N. Hunter Street.
Plumbing—Miller-Hays Co., 742 East Weber Street.
Electric Wiring—Eddy Electric Co., 309 E. Weber Street.
Sheet Metal—Fraser Furnace Co., 445 South San Joaquin.
Glass—W. P. Fuller and Company.
Steel Sash—Walter Zerwick, 521 East Channel Street.
Hardware—Turner Hardware Co., P. O. Box 1050.
Concrete—A. Sandberg, R. F. D. No. 2, Box 40-D.
Reinforcing Steel—F. A. Klinger, P. O. Box 757.
All of Stockton.

CONTRACT AWARDED
VANCOUVER, Wash. — George H. Buckler & Co., Lewis Bldg., Portland, Oregon, at $275,400 awarded contract by Vancouver Port Dist., T. P. MacComber, Port Manager, for the construction of a freight terminal and dock, including a dock, transit shed, and warm storage warehouse.
The project will consist of a pier 810 ft. long and 191 ft. wide on which a warehouse 120 ft. wide will be constructed.
Complete bids follow:
George H. Buckler & Co.: $288,800; $279,000; $271,600; $262,400.
Guthrie - McDougall Co.: $320,000; $312,300; $302,700; $295,300.
Parker-Schramm Co.: $297,250; $288-250; $282,250; $276,500.
Gilpin Const. Co.: $324,000; $315,000; $311,000; $302,000.
Malcom & Bell Co.: $285,400; $277,-500; $275,100; $266,500.
Consolidated Const. Co.: $288,800; $279,000; $271,600; $262,000.

AWARDS APPROVED
LOS ANGELES, Cal.—The Pacific Works Administration has approved the recommendation of the Harbor Commission that contracts be awarded to Wm. P. Neil Co., 4671 East 49th St., Los Angeles, as follows:
For constructing a concrete wharf and steel frame transit shed at Berth 155, Wilmington; Specifications No. 950, PWA Docket 1209, Unit 2. Contract price, $347,000.
For constructing a timber apron wharf at Berth 155, Wilmington; Spec. No. 949, PWA Docket 1209, Unit 1. Contract price, **$41,000.**
Bids were opened Feb. 19.

19—MISC. CONSTRUCTION

BIDS OPENED

SAN FRANCISCO.—Pacific Drydock & Repair Co., foot of 14th Ave., Oakland, at $334 (completion in 4 days) submitted low bid to the Warden, U. S. Penitentiary, Alcatraz Island, under Bid No. 618, for repairing the Launch "McDowell."

William Cryer & Son, Oakland, at $409.40 (completion in 7 days) submitted the only other bid.

BIDS OPENED

STOCKTON, San Joaquin Co., Cal. — International Business Machines Corp., 25 Battery St., San Francisco, at $3050 submitted low bid to Stockton City Council for furnishing and installing public address system in the Stockton City Hall.

Complete bids follow:

International Business Machines Corp. San Francisco, $3050.

Hild Electric Co., Stockton, $3172.40.

Remler Company, Ltd., San Francisco, $3182.70.

Bright Spot Electric Co., Stockton, $3483.77.

BIDS WANTED

SAN FRANCISCO.—Until April 15, 1:45 P. M., bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, for furnishing and installing five pattern storage racks at the Municipal Warehouse, 15th and Harrison Sts.

Plans and specifications obtainable from City Engineer John J. Casey, Room 367, City Hall. No deposit required.

BIDS WANTED

SAN FRANCISCO.—Until April 17, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1544, for furnishing one power launch for the S. F. Water Department.

Specifications obtainable from above office.

Plans Being Revised

HANGARS Cost, $140,000

BAKERSFIELD, Kern Co., Calif.

Hangar and shop building at Kern Co. Airport (wood construction).

Owner—County of Kern.

Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.

Construction changed from steel to wood. Labor will be furnished by the WPA. Fred Gribble in charge.

Masonry Contract Awarded

ADMIN. BLDG. & TOLL PLAZA Contract Price, $360,857

OAKLAND, Alameda Co., Calif On approach to San Francisco - Oakland Bay Bridge.

Administration building (2-story and basement, 75x75-ft.) one-story garage (70x90-ft.) nine toll booths and canopy; 2,000 sq. yds. cement and asphalt concrete paving in toll plaza; administration building will be reinforced concrete with terra cotta exterior; garage and canopy of structural steel and concrete.

Owner—State of California.

Plans by Engineering Department of San Francisco-Oakland Bay Bridge 500 Sansome St., San Francisco.

Consulting Architects—Timothy Pflueger, 508 Market Street, San Francisco, Arthur Brown, Jr., 251 Kearney Street, San Francisco and John J. Donovan, 950 Parker St., Berkeley.

Contractor — Clinton Const. Co., 923 Folsom St., San Francisco.

Masonry—White & Gloor, Monadnock Bldg., San Francisco.

Other awards reported December 12.

PLANS BEING FIGURED

LOS ANGELES, Calif. — Columbia Picture Corp., 1438 N. Gower St., is taking bids for a one-story screen dock to be built at their studios, 1438 N. Gower St. The building will be 250x135 feet in area, of frame construction, concrete foundations, composition roofing, asphalt paving, etc. Geo. C. Anderson, 1438 N. Gower St., Architect.

CONTRACT AWARDED

PALM SPRINGS, Riverside Co., Cal. —W. O. Warner, 3167 W. Third St., Los Angeles, awarded contract for theater, two-story garage, bungalows and stores to be built in Palm Springs for the Palm Springs Plaza; Patterson Estate, care of the National Cash Register Co., Dayton, Ohio. Architects Schenck & Williams, Dayton, Ohio, are preparing plans for the class A theater, stores and bungalows and work on these will be started soon. Mr. Williams is staying in Palm Springs to supervise the construction work. Cost of the project is estimated at $1,500,000.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

SACRAMENTO, Cal.—Bids for furnishing miscellaneous castings under Bid No. 1105-36-222 were opened by the U. S. Engineer Office, Sacramento, April 7. Bids were taken as follows:

(1) 25 pipe sleeve bands;
(2) 1 swivel elbow extension;
(3) 1 valve connection;
(4) 1 suction pipe bend;
(5) 1 piece discharge pipe;
(6) 1 suction hull thimble.

Complete bids follow:

Union Machine Co., San Francisco, (6) $220.

Neptune Machine Works, San Francisco, (1) $295; (2) $89; (3) $68; (4) $92; (6) $220! total, Items 2, 3 and 4, $249.

Golden State & Miners Iron Works, San Francisco, (2) $81.50; (3) $63.10; (4) $79.80; (6) $260; total, Items 2, 3 and 4, $224.40.

Pacific Coast Engineering Co., Oakland, (1) $300; (5) $104.

Monarch Foundry & Engr. Co., S. F., (1) $300; (3) $48; (4) $60; (6) $235.

Stockton Iron Works, Stockton, (2) $65; (3) $63; (4) $64; total, Items 2, 3 and 4, $192.

CONTRACTS AWARDED

PETALUMA, Sonoma Co., Calif.—Contracts for furnishing electrical conduit, cable and transmission required in the widening of N. Cain St. have been awarded by the Petaluma City Council as follows:

Westinghouse Electric Supply Co., 260 First St., San Francisco: 4,620 l.f. electrical conduit, inside dia. 1½-in., $0.1539 per ft.; 17 combination isolating transformers and disconnecting potheads at $27.54 each.

Baugh & Liddle, Petaluma 6,368 l.f. No. 8 B & S ga. Hazard 3500 electric cable, single copper conductor, $0.0983 per ft.

BIDS OPENED

PETALUMA, Sonoma Co., Cal.—Following bids received by the Petaluma City Council, Gladys V. Roberts, City Clerk, for furnishing electrical conduit, cable and transformers required in the widening of North Cain St.

(1) 4,620 l.f. electrical conduit, inside diameter, 1½-in.;
(2) 6,368 l.f. No. 8 B&S ga. Hazard 3500 electric cable, single copper conductor
(3) 17 combination isolating transformers & disconnecting potheads.

Westinghouse Electric Supply Co., San Francisco: (1) $0.1539 per ft.; (2) $0.0983 per ft. (3) $27.54 each.

Baugh & Liddle, Petaluma: (1) $0.-1555; (2) $0.0983; (3) no bid.

Cline Electric, Petaluma: (1) $0.16; (2) $0.1075; (3) $28.50 each.

John A. Roebling's Sons Co. San Francisco: (1) no bid; (2) $0.0983; (3) no bid.

Bids held under advisement.

BIDS OPENED

GRAND COULEE DAM, Washington—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 772-D, for furnishing (1) 57 partial assemblies; (2) two brozne liners and anchor rods for 54 gate frames; and (3) 108 liner supports, for the bulkhead gate frames to be installed at the outlet ends of the turbine draft tubes in the east and west main units and the station service unit of the Grand Coluee power plant, Columbia Basin Project:

Bartlett-Hayward Co., Baltimore: (1) $13,600; (2) $7600; 3) $300; 1, 2 & 3) $20.500; f.o.b. Baltimore; discount, ½%.

John W. Beam Co., Denver: (1) $15,-300; (2) $8000; (3) $125; (1, 2 & 3) $22,920; f.o.b. Peotone, Ill.; discount, ½%.

International Engineering, Inc., Dayton: (1) $16,872; (2) $7125; (3) $225; f.o.b. Dayton; discount, 1%.

Reuter Bros. Iron Works, Chicago: (1) $29,070; (2) $10,780; (3) $207; (1 and 2) $39,450; (1, 2 and 3). $39,540; f.o.b. Odair, Wash.; discount, 1%.

Commercial Iron Works, Portland, Oregon: (1) $18,228; (2) no bid; (3) no bid); f.o.b. Odair; net.

Allis Chalmers Mfrg. Co., Milwaukee: (1) $43,732; (2) $24,580; (3) $256; f.o.b. Odair; net.

California Steel Products Co., San Francisco: (1) $13,670; (2) no bid; (3) $164; fo.o.b San Francisco; net.

Pacific Car & Foundry Co., Seattle: (1) $20,860; (2) $9700; (3) $184; f.o.b. Renton, Wash.; net.

Associated Pipe & Engineering Co., Ltd., Los Angeles: (1) $14,354; (2) $10,185; (3) $378; f.o.b. Los Angeles; discount, 1%.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 771-D, for furnishing structural steel for four diverter towers and two capacitor supports for the Boulder switchyard, Boulder Canyon Project:

International Derrick & Equipment Co., Torrance, $15,700; f.o.b. Torrance, discount, ½%.

Pacific Iron & Steel Co., Ltd., Los Angeles, $15,940 f.o.b. Lynwood.

American Bridge Co., Denver, $15,-755 f.o.b Pittsburg.

Blaw-Knox Co., Pittsburgh, $16,465 f.o.b. Blaw-Knox, Pa.

Bethlehem Steel Co., Bethlehem, $16,-600 f.o.b. Leetsdale, Pa.

Emsco Derrick & Equipment Co., Los Angeles, $21,442 f.o.b. Los Angeles.

Duffin Iron Co., Chicago, $24,000 fo.b. Chicago.

Missouri Rolling Mill Corp., St. Louis, $19,303, delivery in 60 days; alt., $18,463, delivery in 80 days; discount ½%; f.o.b. St. Louis.

All bids net, delivery in 60 days unless otherwise noted.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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22.—Dredging, Harbor Works, Excava.
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28.—Fire Equipment
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30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

SACRAMENTO, COUNTY, Cal. — Until April 20, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento, for the construction of two concrete bridges and one concrete culvert on Howe Ave. Estimated cost, $10,000.

Plans and specifications obtainable from the office of County Engineer John Rooney upon deposit of $10.

BIDS WANTED

LASSEN COUNTY, Cal.—Until Apr. 29, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for construction of an overhead crossing over the tracks of the Great Northern Railway, near Bieber Station, Lassen County, consisting of a steel and timber structure with concrete deck and grading and surfacing with road-mix surfacing approximately 0.54 mile of roadway.

The work involves:

(1) 1 only exist. bridge to be removed and disposed of;
(2) 1400 M. gals. water;
(3) 104,000 cu. yds. imported borrow;
(4) 450 cu. yds. struc. excav.;
(5) 125 cu. yds. ditch and channel excavation;
(6) 30 sta. finishing roadway;
(7) 2000 cu. yds. selected imported borrow (blended subgrade);
(8) 200 cu. yds. binder material (blended subgrade);
(9) 8500 sq. yds. blending and compacting subgrade;
(10) 1420 tons min. aggregate (road-mix surfacing);
(11) 75 tons liquid asphalt ROMC-3 or ROMC-4 (road-mix surf.);
(12) 10 tons liquid asph. SC-2 (prime coat);
(13) 37 tons liquid asph. SC-4 (road-mix surf. treatment);
(14) 8700 sq. yds. preparing, mixing and shaping roadbed;
(15) 9 tons liquid asph. ROMC-3 or ROMC-4 (seal coat);
(16) 52 cu. yds. sand (seal coat);
(17) 13,100 lbs. bar reinf. steel;
(18) 120 cu. yds. Class A Portland cement concrete (struc.);
(19) 14,500 lbs. struc. steel;
(20) 43 MFBM treated Douglas fir timber;
(21) 8 MFBM Redwood timber, dense, select, all heart, struc. grade;
(22) 1060 lin. ft. furnishing treated Douglas fir piles, including test piles;
(23) 30 each driving treated Douglas fir piles, includ. test piles;
(24) 48 lin. ft. 8-in. CMP;
(25) 108 lin. ft. 18-in. do;
(26) 112 lin. ft. 54-in. CMP No. 8 gauge;
(27) 196 lin. ft. 54-in. CMP No. 12 gauge;
(28) 4 each spillway assemblies;
(29) 3722 lin. ft. laminated guard railing;
(30) 5 each culvert markers;
(31) 0.5 mile exist. property fences moved and reset;
(32) 1.25 mile traffic stripe;
(33) 6 each monuments complete in place;
(34) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

BIDS WANTED

ALAMEDA COUNTY, Cal. — Until April 29, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for construction of an undergrade crossing under the tracks of the Southern Pacific Company and the Western Pacific Railroad Company at San Leandro Street in Oakland, Alameda County.

The work involves:

(1) 5000 cu. yds. exist. bituminous macadam to be removed;
(2) 500 cu. yds. exist. Portland cement concrete to be removed;
(3) 100 M. gals. water;
(4) 26,000 cu. yds. rdwy. excav. (unclass.);
(5) 2000 cu. yds. struc. excav.;
(6) 100 cu. yds. selected imported borrow;
(7) 1 ton grade E asph. (membrane seal);
(8) 7000 sq. yds. subgrade for pave.;
(9) 30 sta. finishing roadway;
(10) 3000 tons crusher run base;
(11) 1900 tons mineral aggregate (plant-mixed surface);
(12) 100 tons liquid asph. SC-2 (plant-mixed surface);
(13) 12 tons liquid asph. SC-2 (prime coat);
(14) 10 tons liquid asph. MC-3 (seal coat);
(15) 100 tons stone screenings (seal coat);
(16) 9 tons asph. conc. (Type C surf.)
(17) 1100 cu. yds. Class A Portland cement concrete (pave.);
(18) 2700 each pave dowels;
(19) 840,000 lbs. bar reinf. steel;
(20) 3800 cu. yds. Class A Portland cement concrete (struc.);
(21) 130,000 lbs. struc. steel;
(22) 1800 lbs. misc. steel;
(23) 330 cu. yds. Class A Portland cement concrete (slope paving);
(24) 104 lin. ft. 12-in. CMP;
(25) 900 lin. ft. 8-in. perf. metal pipe;
(26) 110 lin. ft. 8-in. vit. clay pipe;
(27) 1650 lin. ft. 12-in. vit. clay pipe;
(28) 500 lin. ft. 15-in. vit. clay pipe;
(29) 1350 lin. ft. 18-in. vit. clay pipe;
(30) 240 cu. yds. rock filling material;
(31) 1050 cu. yds. Class A Portland cement conc. (curbs & gutters);
(32) 190 cu. yds. Class A Portland cement conc. (sidewalks);
(33) 350 lin. ft. laminated guard rail;
(34) 30 each guide posts;
(35) 3050 lin. ft. pipe handrail;
(36) 2240 lin. ft. 30-in. wire mesh;
(37) 1300 sq. yds. paint conc. surface;
(38) 0.97 mile traffic stripe painting;
(39) 0.65 mile curb stripe painting;
(40) 900 lbs. sheet copper;
(41) 13 each conc. manholes;
(42) 4 each lamp holes;
(43) 1 lot elec. equipment;
(44) 1 lot pumping equipment;
(45) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until April 20, 10 A. M., as previously reported, bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento for the construction of two concrete bridges and one culvert on Howe Ave. Estimated cost, $10,000.

The work involves:

(1) 286 c.y. concrete in abutments (6 sack cement);
(2) 4.5 cu. yds. concrete in railing (9 sack cement);
(3) 30,600 lbs. reinforcing steel;
(4) 150 c.y. excavation;

Plans and specifications obtainable from the office of County Engineer John Rooney upon deposit of $10.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until April 27, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento, for the construction of a bridge and two culverts on El Camino Ave. Estimated cost, $5,600.

Plans and specifications obtainable from the office of County Engineer John Rooney.

CONTRACT AWARDED

HUMBOLDT CO., Nevada. — Dodge Const. Co., Inc., Fallon, at $66,846.29 awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, for constructing a concrete and steel bridge over Humboldt River in Winnemucca, Humboldt County, Route 8, Section A-1, a length of approximately 0.048 mile.

Second low bid submitted by Utah Const. Co., Ogden, at $69,816.78.

Complete bids will be given shortly.

BIDS WANTED

STATE OF OREGON—Until April 16, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction as follows:

Douglas County—Construction of a concrete viaduct over Southern Pacific Company's tracks on the Pacific Highway, near Green Station, approximately four miles southerly from Roseburg. Requires approximately 570 cu. yds. excavation; 920 cu. yds. con-

crete; 182,000 lbs. metal reinforcement and 620 lin. ft. concrete handrail.

Jefferson County — Construction of a concrete viaduct over the Union Pacific Railroad Company's tracks on the Warm Springs Highway, approximately 1¼ miles northerly from Madras. Requires approximately 85 cu. yds. excavation; 460 cu. yds. concrete; 86,000 lbs. metal reinforcement and 340 lin. ft. concrete handrail.

Lincoln County—Construction of a composite pile trestle bridge over Olalla Creek on the Corvallis-Newport Highway, approximately one mile northerly from Toledo. Requires approximately 960 lin. ft. treated piling; 60 cu. yds. concrete; 12,000 lbs. metal reinforcement; 15 M-FBM treated lumber and 150 lin. ft. concrete handrail.

Multnomah County—Construction of an overcrossing over the Southern Pacific Railroad on Union Avenue on the East Portland-Oregon City Highway in the City of Portland. Requires approximately 41,000 cu. yds. excavation; 400 cu. yds. Class "A" concrete curbs; 4,000 sq. yds. concrete sidewalks; 2,800 cu. yds. gravel subbase materials; 520 cu. yds. crushed base materials; 1,100 cu. yds. crushed rock and sand in track foundation; 750 bbls. cement in track foundation; 950 cu. yds. concrete pavement at railway tracks; 18,000 sq. yds. Portland cement concrete pavement; 9,700 sq. yds. asphaltic concrete pavement; 33,000 lin. ft. treated piling; 7,500 cu. yds. Class "D" concrete and 1,520,000 lbs. metal reinforcement.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until April 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a steel deck truss bridge with concrete deck across Santa Margarita River about 2½ miles north of Oceanside, San Diego County, consisting of two 167 ft. 6-in. spans, two 67 ft. cantilever spans, and two 30 ft. 6-in. plate girder approach spans.

The work involves:

(1) 4000 cu. yds. struc. excavation (piers);
(2) 275 cu. yds. struc. excavation (abutments);
(3) 170,000 lbs. bar reinf. steel;
(4) 960 cu. yds. Class A Portland cement concrete (footing blocks);
(5) 765 cu. yds. Class A Portland cement concrete (piers);
(6) 825 cu. yds. Class A Portland cement concrete (abutments and superstructure);
(7) 1,205,000 lbs. struc. steel in place;
(8) 39,000 lbs. struc. steel furnished and fabricated;
(9) 14,120 lbs. cast alloy steel;
(10) 44,000 lbs. steel railing in place;
(11) 2500 lbs. steel railing furnished and fabricated;
(12) 18,245 lin. ft. furnishing untreated Douglas fir piles, including test piles;
(13) 1140 lin. ft. furnishing treated Douglas fir piles, including test piles;
(14) 308 each driving treated and untreated Douglas fir piles, incld. test piles.
(15) 85 cu. yds. gravel blanket;
(16) 160 lin. ft. temporary railing;
(17) 1 lot miscellaneous items of work

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Diego.

CONTRACT AWARDED

SANTA CRUZ COUNTY, Calif.—L. C. Karstedt, 16 Wall St., Watsonville, at $12,283 submitted low bid and awarded contract by the Santa Cruz County Board of Supervisors, H. E. Miller, County Clerk, for the relocation of a part of Eureka Canyon road three miles north of Corralitos, including construction of a 12-ft. culvert approximately 98 ft. long to replace the bridge over Corralitos Creek which was recently destroyed by floods.

The work involves:

(1) 12,000 c.y. roadway excavation;
(2) 260 c.y. structure excavation;
(3) 346 c.y. Class A concrete;
(4) 40,400 lbs. reinforcing steel;
(5) One 8-in. spillway assembly, corrugated iron;
(6) 50 l.f. 8-in. corrugated iron pipe;
(7) 72 l.f. 12-in. do.

Total bids follow:

(A) L. C. Karstedt, Watsonville, $12-283.00.
(B) F. O. Bohnett, Campbell, $13,081.
(C) Lord & Bishop, Sacramento, $13,-708.00.
(D) J. L. Conner, Monterey, $19,047.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$0.294	$0.40	$0.35	$0.75
(2)	2.00	2.00	1.50	1.00
(3)	17.50	16.50	20.00	22.00
(4)	.05	.045	.05	.05
(5)	20.00	15.00	20.00	15.00
(6)	1.00	1.50	1.00	1.00
(7)	1.25	2.00	1.50	1.25

LOS ANGELES, Cal.—C. H. Howell, Chief Engineer of the Los Angeles County Flood Control District, has presented to the board of supervisors a list of railroad bridges to be constructed or reconstructed in connection with the U. S. Army Engineers' flood control program in the Los Angeles County area. In the original government plan $500,000 was allocated for this work but the revised tabulation indicates that the approximate cost of constructing or reconstructing all bridges in these projects will total $748,000. The estimates have been prepared by the engineers of the various railroads concerned and are based, in most instances, upon preliminary design and information.

CONTRACT AWARDED

HUMBOLDT CO., Nevada. — Dodge Const. Co., Inc., Fallon, at $55,669.63 awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, for constructing a concrete and steel overpass over the Western Pacific Railroad in Winnemucca, Humboldt Co., Route 8, Section A-1, a length of approximately 0.037 mile.

Second low bid submitted by Utah Const. Co., Ogden, at $55,861.20.

Complete bids will be given shortly.

LOW BIDDERS

LOS ANGELES, Cal.—Bent Bros., Inc., 418 S. Pecan St., Los Angeles, at $274,378.49 submitted low bid to the Los Angeles Board of Public Works, for the construction of a grade separation structure and appurtenant work in Macy Street between Lyon St. and 100 ft. west of Date St.

J. F. Knapp, Oakland, at $277,989.55 submitted second low bid; and J. E. Haddock, Ltd., Pasadena, at $289,-124.85 submitted third low bid.

Complete bids will be published shortly.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until April 27, 10 A. M., as previously reported, bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento, for construction of a bridge and two culverts on El Camino Ave. Estimated cost, $5,600.

The work involves:

(1) 243 c.y. Class A 6-sack concrete;
(2) 4.3 c.y. Class E 9-sack concrete;
(3) 24,400 lbs. reinforcing steel;
(4) 300 c.y. excavation, includ. backfill.

Plans and specifications obtainable from the office of County Engineer John Rooney uopn deposit of $10.00.

BIDS WANTED

STATE OF WASHINGTON — Until April 21, 10 a.m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Lewis County — Clearing, grading and constructing a treated timber deck truss bridge on about 0.5 miles of County Road, Morton-Bear Canyon, involving about 6 acres of clearing, 35,680 cubic yards of excavation, 2,870 linear feet of cribbing logs, 135 cubic yards of concrete, 10,500 pounds of steel reinforcing bars, 18,000 pounds of structural steel, 169 M.B.M. of timber and lumber treated, 7 M.B.M. of timber and lumber untreated, 550 linear feet of treated piling, 234 linear feet of pipe culverts and other items.

King County—Constructing a steel, concrete and treated timber overcrossing on about 0.263 miles of county road, Railroad Overcrossing at Black River Junction, involving about 1,150 cubic yards of excavation, 1,400 cubic yards of concrete, 263,000 pounds of steel reinforcing bars, 336,000 pounds of structural carbon steel, 300 M.B.M. of timber and lumber treated, 25 M.B.M. of timber and lumber zinc chloride treated, 4,000 linear feet of piling untreated, 9,050 linear feet of piling creosote treated and other items.

Spokane County — Grading, surfacing and constructing a concrete and steel undercrossing of the tracks of the O.W.R.R. & N. Co., on about 0.02 miles of County Road, Undercrossing O.W.R.R. & N. Co. tracks on Darknell Road, involving about 2,750 cubic yards of excavation, 25 cubic yards of crushed stone surfacing, 476 cubic yards of concrete, 20,500 pounds of steel reinforcing bars, 36,000 pounds of structural steel, 112 linear feet of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

BIDS WANTED

STATE OF OREGON—Until April 17, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction as follows:

Clackamas County—Construction of a steel and concrete undercrossing to carry the Southern Pacific Company's tracks over the Pacific Highway at Oregon City. Requires approximately 77,000 cu. yds. excavation; 700 cu. yds. rubble masonry; 500 sq. yds. concrete sidewalks; 11,800 sq. yds. Portland cement concrete pavement; 530 tons asphaltic concrete; 2,800 cu. yds. concrete; 110,000 lbs. metal reinforcement; 485,000 lbs. structural steel; 90,-000 lbs. wrought iron plate and 68,000 lbs. handrail.

Deschutes County—Construction of a reinforced concrete undercrossing to carry the Oregon Trunk Railway tracks over Franklin Avenue (The Dalles-California Highway) in Bend. Requires approximately 17,500 cu. yds. excavation; 200 sq. yds. concrete; 35,-600 lbs. metal reinforcement; 90,000 lbs. structural steel; 3,000 sq. yds. three-ply membrane waterproofing; 120 sq. ft. one-inch asphalt plank and drilling of a well.

Plans and specifications obtainable

from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

22—DREDGING, HARBOR WORKS EXCAVATION

BIDS WANTED

SACRAMENTO, Cal.—Until April 21 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-36-148, for setting back, raising and strengthening the existing levee and constructing new levee along the westerly side of the Sacramento River from a point opposite Wohlfrom Bend to the ferry just northerly of Princeton, a distance of approximately 7.5 miles. The total volume of earth to be placed in embankment is approximately 433,000 c.y.

Bids will be taken as follows:

(1) 433,000 c.y. levee embankment in place;
(2) 100 c.y. road gravel in place;
(3) 60 ft. corrugated iron pipe, 10-in. dia., No. 14 ga., with necessary band couplers, all in place;
(4) 300 ft. do, 24-in. dia., No. 12 ga. do;
(5) 230 ft. do, 30-in. dia., No. 12 ga. do;
(6) 240 ft. do, 48-in. dia., No. 10 ga., do;
(7) 50 ft. soil proof pipe, 8-in. dia., No. 12 ga., with welded connections in place;
(8) 12 ft. soil proof pipe, 18-in. dia., No. 12 ga., do;
(9) 20 ft. soil proof pipe, 22-in. dia., No. 12 ga., do;
(10) 48 ft. soil proof do, 24-in. dia., No. 12 ga., do;
(11) 324 ft. soil proof pipe, 36-in. dia., No. 10 ga. do;
(12) 100 ft. soil proof pipe, 48-in. dia., No. 8 ga., do;
(13) 60 ft. wrought iron pipe, 20-in. I. D., 5/16-in. thick, in place;
(14) 300 ft. concrete pipe, 12-in. dia., in place;
(15) 1 8-in. Calco No. 100 gate, or equal, in place;
(16) 1 18-in. do;
(17) 1 22-in. do;
(18) 1 24-in. do;
(19) 1 30-in. do;
(20) 4 36-in. do;
(21) 3 48-in. do
(22) 1 30-in. Calco No. 101 gate, or equal, with 5-ft. frame, in place
(23) 1 do with 8-ft. frame;
(24) 1 do with 10-ft. frame;
(25) 2 48-in. Calco No. 101 gates, or equal, with 14-ft. frame, in place
(26) 1 20-in. wedge gate valve, Crane No. 491, or equal, in place;
(27) 300 ft. 12-in. concrete pipe, to be removed;
(28) 1 6x9x20-ft. brick culvert to be removed;
(29) 1 12x27-ft. wooden bridge to be removed;
(30) 1 8-in. x 7.5x67-ft. concrete culvert to be removed;
(31) 1 8x9-ft. brick and concrete culvert to be removed;
(32) 1 10x16-ft. wooden bridge to be removed;
(33) 1 14x10x16-ft. brick culvert to be removed;
(34) 250 c.y. reinforced concrete, in place;
(35) 5 c.y. mass concrete, in place.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

SACRAMENTO, Cal.—Macco Const. Co., 815 Paramount Blvd., Clearwater, at $135,576 awarded contract by the U. S. Engineer Office, Sacramento, under Proposal No. 1105-36-135, for setting back, raising and strengthening existing levee and constructing new levee along easterly side of the Feather River in Reclamation District No. 784, from a point about 1.7 miles below Eliza Bend Pump to the upper end of Starr Bend, a distance of approximately 4 miles. The upper or northerly end of the work is about 6 miles south of Marysville. The total volume of earth to be placed in levee embankment is approximately 983,000 cubic yards.

BIDS WANTED

SAN PEDRO, Los Angeles Co., Cal. —Until April 14, 11 A. M., bids will be received by the Public Works Officer, Naval Operating Base, 11th Naval District, San Diego, for laying fixed moorings at Bertha A2 and A3 at the 11th Naval District, Los Angeles Harbor, San Pedro Spec. No. 8180. The work includes the laying of two fixed ships moorings, one each in berths A2 and A3, Los Angeles Harbor, San Pedro. The Government will furnish all mooring materials. The contractor shall furnish all necessary equipment required for proper installation of the fixed moorings. Each mooring consists in general of one 16-foot dia. buoy, four legs each of 45 fathoms of 3-in. die-locked chain, with one 20,000 pound anchor, one 5,000-pound concrete sinker, and the necessary fittings, connecting links and shackles as required to make connections, also a chain assembly for connection to the swivel on top of buoy for ship connection.

Plans and specifications obtainable from the above office upon deposit of $10.00. *

25—MACHINERY AND EQUIPMENT

BIDS OPENED

CHARLO, Mont.—Bids for furnishing one pumping unit and motor for the Crow Creek Pumping Plant, Flathead Irrigation Project, Mont., were opened by the Assistant Director, U. S. Indian Irrigation Service, Los Angeles, March 23. The bids were:

Pomona Pump Co. $5318, fob Charlo, Montana; 40 day delivery; 15,000 lbs. weight.

Byron Jackson Co., $5248.80, fob Berkeley; 25 day delivery for pump; 40 day delivery for switch and motor.

Layne & Bowler Corp., 5310, fob cars, Los Angeles (pump); motor and controls, fob Charlo, Mont.; weight, 15,000 lbs.

Fairbanks Morse & Co., $4514.75; fob San Francisco, $4848.65 fob Charlo Mont.; 10,600 lbs. weight; delivery 40 days. *

BIDS OPENED

NAPA and Sonoma Counties, Cal.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at $2.99 per hour, submitted low bid to Division of Highways, Jno. S. Skeggs, District Engineer, San Francisco, for the rental of one pneumatic tired insulated tank truck, of not less than 1500 gallons capacity, for approximately 250 hours to be used in Napa and Sonoma Cos.

Complete bids follow:

Pacific Truck Service Inc., San Jose $2.99.
Chas. Kuppinger, Lakeport, $3.65.
E. A. Forde, San Anselmo, $4.50.
Hayward Bldg. Materials Co., Hayward, $5.00.
Oilfields Trucking Co., Bakersfield, $5.50.
Albert Helwig, Sebastopol, $7.00.
Lee J. Immel, Berkeley, $7.00.

BIDS OPENED

TULE LAKE, Cal.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 774-D, for furnishing one ditch-cleaning and excavating machine of the crawler-traction and endless chain, bucket-digging-unit type to be used for cleaning, deepening and widening drains and canals and excavating new drains and canals on the Klamath Project, Oregon:

Standard Steel Works, Los Angeles, $15,600; engineer's services, $15 per day; weight 30,000 lbs.; f.o.b. Los Angeles.
Ruth Dredger Mfg. Corp., Los Angeles, $17,890; engineer's services, $12 per day; weight 57,000 lbs.; f.o.b. Los Angeles.

Bids held under advisement.

BIDS OPENED

NAPA and Sonoma Counties, Cal. —Chas. Kuppinger, Box 356, Lakeport, at $4.90 per hour, submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for the rental of one pneumatic tired oil distributor, equipped with pressure pumps, gauges and spray bars of standard design, and capacity not less than 2000 gallons, said distributor to be equipped with a tachometer, adjusted and tested for accuracy, for approximately 240 hrs., to be used in Napa and Sonoma Cos.

Complete bids follow:

Chas. Kuppinger, Lakeport, $4.90.
Pacific Truck Service, Inc., San Jose $5.49.
Lee J. Immel, Berkeley, $6.00.
Basalt Rock Co., Napa, $6.75.
Albert Helwig, Sebastopol, $7.00.
C. Mankel, Sacramento, $7.50.

BIDS OPENED

OAKLAND, Cal.—Spears Wells Machinery Co., 1832 9th St., Oakland, at $1630, with an alternate bid on a rebuilt machine at $1230 submitted the only bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, under Informal Proposal No. 733, for furnishing one back hoe attachment for "General" ½-c.y. shovel. *

CONTRACTS AWARDED

COURTLAND, Sacramento Co., Cal. —Mack - International Motor Truck Corp., 3124 Folsom Blvd., Sacramento, at $1955.20 and Patchetts & Carstensen, Inc., Newman, at $2302.05 awarded contracts by the Board of Trustees of the Bates Joint Union School, Courtland, for furnishing a 54-passenger school bus chassis and body, 14-in. bases.

BIDS OPENED

OAKLAND, Cal.—Following bids received by the Oakland City Council for the rental of four concrete mixers; 3 having a capacity of 3½ cu. ft. and one having a capacity of 7 cu. ft., for use on WPA projects:

Contractors Machinery Exchange: (1) 3½ cu. ft. capacity, $0.75 per hour; (2) 7 cu. ft. capacity, $1.05 per hour.
Samuel Bates Co.: (1) $0.90; (2) $1.25.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Following bids received by the Oakland City Council for the rental of two air compressors, one having a capacity of 105 cu. ft. of free air per minute, and one having a capacity of 160 cu. ft., for use on WPA projects:

Contractors' Machinery Exchange: (1) 105 cu. ft. capacity, no bid; (2) 160 cu. ft. capacity, $3.90 per hour.
Samuel Bates Co.: (1) $2; (2) $2.98
Edward R. Bacon Co., (1) no bid; (2) $4.70.
P. B. Hackley Equip. Co.: (1) $2.90; (2) $3.25.
Western Machinery Co.: (1) $1.25; (2) $2.97.

Bids held under advisement.

28 — FIRE EQUIPMENT

BIDS OPENED

OAKLAND, Calif. — American - La France & Foamite Corp., 1800 Park Blvd., Oakland, at $9,197.90 submitted low bid to the Oakland City Council for furnishing one service fire truck.

Complete bids follow:

American-La France and Foamite Corp., $9,197.90.

Ahrens-Fox Co., $10,421.

Perer Pirsch & Sons Co., $10,719.50.

Seagrave Corp., $11,999.50.

Mack International Co., $12,043.45.

Bids held under advisement.

29— STREETS AND HIGHWAYS

BIDS OPENED

PINAL COUNTY, Arizon—Arizona Sand & Rock Co., P. O. Box 1522, Phoenix, at $92,602.23 submitted low bid to the Arizona State Highway Commission for highway construction on the Casa Grande-Sacaton Highway. W.P.M.S. 122; A.F.E. 1870 and W.P.S. S. 122; A.F.E. 1871. The work, which extends from the town of Casa Grande northeasterly about 14.4 miles to the junction with the Phoenix-Tucson Highway near Sacaton, consists of grading and oil processing by the road mix method, and is to be completed on or before October 30, 1936.

The principal items are:

1,300 cu. yds. roadway excav.;
4,000 cu. yds. drain, excav.;
270 cu. yds. structural excav.;
4,300 cu. yds. borrow;
3,900 cu. yds. imported borrow;
4,900 cu. yd. mi. imported borrow haul;
2,400 cu. yds. select material (CIP);
8,100 tons aggregate base course (CIP);
2,700 lin. ft. grading fords;
600 M. gals. sprinkling;
600 hrs. rolling;
111 cu. yds. class A concrete;
9,300 lbs. reinf. steel;
378 lin. ft. C. M. pipe (4 sizes);
3,800 lin. ft. line fence;
14.4 miles preparation of subgrade;
17,400 tons mineral aggregate (CIP);
240,800 gal. SC-2 road oil;
14.4 miles processing road mix;
1,700 tons screenings;
28.1 miles shaping shoulders.

Funds in the sum of $131,000 have been programmed for this work.

The other bids were:

W. E. Hall Co., Phoenix, $96,254.56; alternate $92,736.37.

Phoenix-Tempe Stone Co., $99,086.83 alt. $98,790.71.

Southern California Roads Co., Los Angeles, $102,750.06.

O. F. Fisher, Phoenix, $101,115.13.

Tiffany Constr. Co., Safford Ariz. $109,422.83.

Skousen Bros., Albuquerque, N. M., $116,605.11.

Ken Hodgman, Pasadena, $125,-902.26.

Pearson & Dickerson, Prescott, Ariz., $133,558.53.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until April 20, 11 A. M., as previously reported, bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the imrpovement of Borregas Ave. from Maude Ave. to Mountain and Alviso Road.

The work will involve 118,500 sq. ft. of pavement, oil macadam.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1.00.

LINCOLN COUNTY, NEV.—15.73 Mi. Highway—(State)

LINCOLN COUNTY, Nevada.—Utah Const. Co., First Security Bldg., Ogden, Utah, at $94,055.18, submitted low bid as previously reported, and was awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway system in Lincoln County, Route 7, Section D3, between Stonehouse and Pony Springs, a distance of approximately 15.73 miles.

The work involves:

(1) 54 l.f. remove culvert pipe;
(2) 38,350 c.y. rdwy. excav.;
(3) 35,692 sta. yds. overhaul;
(4) 24,272 c.y. select borrow;
(5) 1,170 c.y. struc. excav.;
(6) 15.73 miles subgrade;
(7) 15.73 miles finish roadway;
(8) 88,000 tons crush. gravel or stone surface;
(9) 33 c.y. Class B concrete;
(10) 750 lbs. reinforcing steel;
(11) 132 l.f. 15-in. CMP;
(12) 1,280 l.f. 18-in. CMP;
(13) 166 l.f. 24-in. CMP;
(14) 74 l.f. 30-in. CMP;
(15) 174 l.f. 36-in. CMP;
(16) 54 l.f. relay culvert pipe;
(17) 126 each move pipe culvert headwalls;
(18) 36 each monuments.

Total bids follow:

(A) Utah Const. Co., Ogden $94,055.18.
(B) Reynolds-Ely Const. Co., Springville, Utah, $95,521.24.
(C) Pacific Const. Co., San Francisco, $104,237.38.
(D) Isbell Const. Co., Reno, $107,133.24
(E) Jones & King, Hayward, $113,-118.76.
(F) J. A. Casson, Hayward, $115,198.89
(G) Dodge Const. Co., Fallon, $115,-506.94.
(H) Engineer's estimate, $100,154.16.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.00	$ 1.00	$ .75	$ 1.00	$ .85	$ .75	$ 1.00	$ .75
(2)	.32	.40	.40	.35	.36	.50	.45	.40
(3)	.02	.02	.03	.02	.02	.02	.02	.03
(4)	.32	.45	.46	.60	.71	.50	.55	.45
(5)	1.00	1.00	1.00	1.25	2.00	1.00	1.50	1.00
(6)	100.00	100.00	150.00	100.00	200.00	75.00	100.00	100.00
(7)	150.00	100.00	200.00	100.00	300.00	200.00	200.00	100.00
(8)	.70	.65	.70	.75	.71	.80	.80	.70
(9)	30.00	30.00	40.00	35.00	40.00	35.00	30.00	30.00
(10)	.10	.10	.10	.10	.08	.07	.10	.07
(11)	1.50	2.00	2.00	2.00	2.10	1.80	2.00	1.75
(12)	1.75	2.00	2.50	2.35	2.60	2.10	2.25	2.00
(13)	2.80	3.00	4.00	3.15	3.50	3.00	3.00	2.75
(14)	3.50	4.00	5.00	4.25	4.50	4.20	3.50	4.00
(15)	5.00	5.00	6.00	5.70	6.80	5.10	5.00	5.00
(16)	1.50	1.00	.75	1.00	.75	.75	1.00	.75
(17)	10.00	10.00	10.00	10.00	11.00	10.00	10.00	10.00
(18)	3.00	3.00	3.00	3.50	3.50	3.00	3 00	3.00

LINCOLN COUNTY, NEV.—30.07 Mi. Highway—(State)

LINCOLN COUNTY, Nevada.—Utah Const. Co., First Security Bank Bdg., Ogden, at $119,541, submitted low bid as previously reported, and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway system in Lincoln Co., Route 7, Section B3, between Crystal Springs and 14 miles west of Caliente, a length of approximately 30.07 miles.

The work involves:

(1) 94,900 c.y. rdwy. excav.;
(2) 63,360 sta. yds. overhaul;
(3) 5,800 c.y. select borrow;
(4) 41,612 c.y. imported borrow;
(5) 1,340 c.y. struc. excav.;
(6) 26.1 miles subgrade;
(7) 3.97 miles reshape roadway;
(8) 30.07 miles finish roadway;
(9) 97,100 tons crush. gravel or stone surface;
(10) 171 c.y. Class A concrete;
(11) 105 c.y. Class B concrete;
(12) 21,160 lbs. reinf. steel;
(13) 3,164 l.f. 18-in. CMP (dipped);
(14) 676 l.f. 24-in. CMP (dipped);
(15) 400 c.y. hand-laid riprap (grouted);
(16) 64 each, monuments;
(17) 1,000 stations surface ditches.

Total bids follow:

(A) Utah Const. Co., Ogden, $119,-541.00.
(B) Isbell Const. Co., Reno, $122,422.84
(C) Reynolds Ely Const. Co., Springville, $124,727.80.
(D) Dodge Const. Co., Fallon, $124,-981.26.
(E) George French, Jr., Stockton, $131,666.84.
(F) Jones & King, Hayward, $143,-122.16.
(G) Heafey-Moore Co., Oakland, $145-180.79.
(H) Pacific Const. Co., San Francisco, $145,633.74.
(I) J. A. Casson, Hayward, $147,547.40.
(J) Engineer's estimate, $133,001.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ .25	$ .27	$ .25	$ .25	$ .29	$ .27	$ .35	$ .30	$ .30	$ .27
(2)	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02
(3)	.45	.44	.40	.40	.35	.39	.38	.40	.40	.35
(4)	.25	.27	.30	.33	.32	.33	.32	.32	.35	.30
(5)	1.00	1.25	1.00	1.00	1.00	1.70	1.00	1.00	1.00	1.00
(6)	75.00	100.00	100.00	100.00	50.00	170.00	110.00	100.00	90.00	100.00
(7)	150.00	100.00	100.00	50.00	50.00	160.00	110.00	200.00	90.00	150.00
(8)	100.00	100.00	100.00	100.00	150.00	200.00	175.00	150.00	150.00	100.00
(9)	.55	.51	.54	.55	.55	.60	.62	.65	.68	.60
(10)	28.00	30.00	30.00	28.00	35.00	31.00	28.00	30.00	30.00	30.00
(11)	26.00	30.00	30.00	28.00	35.00	36.00	28.00	30.00	30.00	30.00
(12)	.07	.065	.10	.06	.07	.07	.07	.07	.07	.07
(13)	1.70	2.00	2.00	2.25	2.50	2.40	1.90	2.50	2.00	2.00
(14)	2.80	3.00	3.00	3.00	3.25	3.50	2.50	3.00	3.00	2.50
(15)	4.50	8.00	15.00	6.00	8.00	13.00	15.00	15.00	15.00	15.00
(16)	2.50	3.50	3.00	3.00	3.00	3.00	4.00	3.00	3.50	4.00
(17)	3.00	3.10	2.00	2.64	1.50	2.70	1.90	2.00	2.00	1.75

BIDS WANTED

NAVAJO & APACHE COUNTIES, Arizona—Until April 28, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Holbrook St. Johns Highway, WPH 6-B; A.F.E. 2658. The work, which is located about 40 miles southeast of Holbrook, extends from the south end of project W.P.H. 6-A southerly for a distance of three miles, and consists of grading, draining and the furnishing and placing of aggregate base course and asphaltic surface treatment, and is to be completed on or before Sept. 15, 1936.

The principal items and approximate quantities:

36,000 cu. yds. roadway excav.;
1,300 cu. yds. drainage excav.;
1,000 cu. yds. structural excav.;
24,200 cu. yds. imported borrow;
26,700 cu. yds. mi. imp. bor. haul;
7,000 tone aggregate base course;
434 cu. yds. concrete;
35,900 lbs. reinforcing steel;
464 lin. ft. C. M. pipe (3 sizes);
26 M.B.M. treated timber;
1 M.B.M. untreated timber;
396 lin. ft. treated timber piles;
30 each placing piles in framed bents;
31,800 lin. ft. line fence;
400 hours rolling;
800 M. gals. sprinkling;
10,400 cu. yds. stripping pits;
25,000 gal. SC-2 road oil;
and other incidental items.

Plans may be obtained from the office of State Highway Engineer, T. S. O'Connell. Certified or cashier's check for 5% must accompany each bid. Funds in the sum of $113,000 have been programmed for the construction of Project WPH 6-A and WPH 6-B.

CONTRACT AWARDED

COALINGA, Fresno Co., Cal.—Earl H. Jack Avenaul, at $2249.22 submitted low bid and awarded contract by the Coalinga City Council, Ethel K. McCroskey, City Clerk, for the improvement of approximately 24,675 sq. yds. of streets and alleys in the College Addition.

Complete bids follow:

Earl H. Jack, Avenal	$2249.22
Owl Truck & Materials Co., Compton	3331.13
John Jurkovich, Fresno	3948.00
W. B. Roselip, San Luis Obispo	4713.00
Brisco Super Service, Arroyo Grande	4811.62
Oilfields Trucking Co., Bakersfield	5007.75

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until April 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to existing roadbed on about 27.6 mi. in Riverside County, between Temecula River bridge and southerly boundary, and between Sage and 4.2 miles south of Hemet.

The work involves:

(1) 640 tons liquid asphalt, SC-2;
(2) 314,600 sq. yds. preparing, mixing and shaping roadbed.

Note: It was previously reported incorrectly that bids would be opened by the State Highway Commission in Sacramento April 29.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

CONTRACT AWARDED

SAN FRANCISCO.—A. G. Raisch, 1 DeHaro Street, at $65,326.55 awarded contract by the Department of Public Works, City Hall, under Spec. No.

NYE COUNTY, NEV. — 29.81 Mi. Highway — (State)

NYE COUNTY, Nev.—Utah Const. Co., First Security Bank Bldg., Ogden, at $133,191, submitted low bid, as previously reported, and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Nye County, Route 4, Sections C2, C3, and D1, between 22 miles west of Lockes and 7 miles east of Lockes, a length of approximately 29.81 miles.

The work involves:

(1) 90 A. clearing and grubbing;
(2) 70 l.f. remove culvert pipe;
(3) 2 each, remove culvert headwalls;
(4) 134,950 c.y. roadway excavation;
(5) 141,230 sta.yds. overhaul;
(6) 48,450 c.y. select borrow;
(7) 23,677 c.y. imported borrow;
(8) 1,900 c.y. structure excavation;
(9) 29.81 mi. subgrade;
(10) 29.81 mi. finish roadway;
(11) 42,450 c.y. selected material surface;
(12) 62,370 tons crushed gravel or stone surface;
(13) 297 c.y. Class A concrete;
(14) 154 c.y. Class B concrete;
(15) 34,960 lbs. reinforcing steel;
(16) 1,800 l.f. 18-in. C.M.P.;
(17) 2,514 l.f. 24-in. C.M.P.;
(18) 55 c.y. hand laid riprap;
(19) 100 each monuments.

Total bids follow:

(A) Utah Const. Co., Ogden, $133,191.
(B) Isbell Const. Co., Reno, $149,393.63
(C) Dodge Const., Inc., Fallon, $149,670.86.
(D) Heafey-Moore Co., Oakland, $174,940.41.
(E) Pacific Const. Co., San Francisco, $176,518.80.
(F) Engineer's estimate, $161,015.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 8.00	$ 10.00	$ 5.00	$ 15.00	$ 20.00	$ 10.00
(2)	.50	1.00	1.00	.50	.50	.50
(3)	5.00	4.00	5.00	10.00	10.00	5.00
(4)	.20	.29	.27	.29	.28	.25
(5)	.02	.02	.02	.02	.02	.02
(6)	.32	.35	.30	.38	.35	.35
(7)	.25	.29	.28	.33	.30	.30
(8)	1.00	1.00	1.00	1.00	1.00	1.00
(9)	75.00	100.00	100.00	110.00	150.00	100.00
(10)	100.00	100.00	100.00	200.00	200.00	100.00
(11)	.42	.35	.50	.63	.60	.60
(12)	.48	.50	.50	.63	.67	.60
(13)	28.00	32.00	27.00	29.00	30.00	30.00
(14)	25.00	31.00	27.00	29.00	30.00	30.00
(15)	.08	.07	.07	.07	.07	.07
(16)	1.85	2.10	2.50	2.40	2.75	2.50
(17)	3.00	3.00	3.50	3.00	3.50	3.00
(18)	4.00	6.00	4.00	7.00	5.00	5.00
(19)	2.50	3.50	3.00	4.00	4.00	4.00

MODOC COUNTY — 5.1 Mi. Grade and Surface — (State)

MODOC COUNTY, Cal.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $25,400.02 submitted low bid to the State Highway Commission Sacramento, for about 5.1 miles grading and surfacing with road-mix surfacing in Modoc County between Adin and Rush Creek.

The work involves:

(1) 7,250 c.y. rdwy. excav. (Location A);
(2) 41,000 c.y. do (Location B);
(3) 900 c.y. imported borrow;
(4) 1,025 c.y. struc. excav.;
(5) 75 c.y. ditch and channel excav.;
(6) 26,500 sta. yds. overhaul;
(7) 264 sta. finishing rdwy.;
(8) 240 tons liquid asphalt ROMC-3 or 4;
(9) 4,100 c.y. mineral aggregate;
(10) 8,600 lbs. bar reinf. steel;
(11) 80 c.y. Portland cement concrete (struc.);
(12) 43 each headwalls removed and reset;
(13) 116 l.f. 12-in. CMP;
(14) 456 l.f. 15-in. CMP;
(15) 68 l.f. 18-in. CMP;
(16) 337 l.f. pipe culverts removed & relayed;
(17) 52 each culvert markers;
(18) 36 each monuments.

Total bids follow:

(A) Fredericksen & Westbrook, Lower Lake, $25,400.02.
(B) Poulos & McEwen, Sacramento, $25,416.55.
(C) Leo F. Piazza, San Jose, $29,065.50.
(D) Dunn & Baker, Klamath Falls, $30,621.40.
(E) J. G. Chigris, San Francisco, $30,987.35.
(F) Larsen Bros., Sacramento, $32,825.00.
(G) Isbell Const. Co., Reno, $35,657.
(H) M.J.B. Const. Co., Stockton, $37,822.40.
(I) Hemstreet & Bell, Marysville, $40,342.25.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ .42	$ .80	$1.08	$1.10	$ .50	$1.00	$ .75	$1.15	$1.00
(2)	.18	.24	.22	.23	.25	.28	.32	.32	.45
(3)	.90	.54	.48	.55	.50	.50	.75	1.00	.60
(4)	.60	1.00	1.00	1.20	1.00	1.00	1.25	1.20	1.50
(5)	1.00	.30	1.00	1.20	.75	1.00	.75	1.20	2.00
(6)	.02	.01	.01	.015	.01	.02	.02	.02	.01
(7)	5.00	2.00	4.50	7.00	5.00	7.00	10.00	6.00	5.00
(8)	23.00	25.00	31.75	28.00	25.00	25.00	30.00	29.00	37.50
(9)	1.26	.52	.98	1.30	1.75	1.40	1.00	1.40	.75
(10)	.06	.07	.06	.08	.07	.06	.07	.10	.08
(11)	25.00	30.00	28.00	24.00	25.00	32.00	35.00	36.00	35.00
(12)	7.00	10.00	12.00	5.00	10.00	10.00	10.00	24.00	10.00
(13)	.32	.30	.50	.50	.40	.50	1.00	.90	.50
(14)	.40	.35	.50	.55	.50	.50	1.00	.90	.50
(15)	.50	.40	.50	.60	.60	.50	1.00	1.20	.50
(16)	.50	.75	.50	.90	.70	1.00	1.00	1.50	.75
(17)	2.50	2.00	3.75	2.00	2.50	3.00	3.50	3.75	3.00
(18)	2.50	3.00	3.75	3.50	3.00	3.00	3.50	4.50	3.00

18,918, for the widening and reconstruction of Eighth Street between Market and Townsend Sts., a PWA project.

BIDS WANTED

SANTA CRUZ COUNTY, Cal.—Until April 23, 2:30 P. M., bids will be received by the Santa Cruz County Board of Supervisors, Court House, Santa Cruz, H. E. Miller, County Clerk, for the improvement of East Cliff Drive, about two miles east of Santa Cruz.

The work involves:
(1) 9,400 c.y. rdwy. excav., unclass.;
(2) 2,000 c.y. imported borrow;
(3) 1,224 l.f. Redwood timber, delivered;
(4) 32 piles, driven;
(5) 18.8 MFBM trestle, including Calrock topping;
(6) One 8-in. corrugated metal pipe spillway assembly;
(7) 14 l.f. 8-in. CMP culvert;
(8) 140 l.f. 12-in. CMP culvert;
(9) 800 c.y. crusher run base rock (material furnished in truck at County quarry);
(10) 3250 gals. 50-60 road oil.

Plans and specifications obtainable from the office of County Surveyor Lloyd Bowman at a charge of $2.00.

LOW BIDDERS

COCHISE COUNTY, Arizona.—Jack Casson, Box 2293, Phoenix, at $64,733 submitted low bid to the Arizona State Highway Commission, Phoenix, for the improvement of the Benson-Douglas Highway, F. A. 79-J, Schedule 1, AFE 8058.

The work, which is located in Douglas, extending from the new underpass westerly on 16th St. for a distance of about 0.4 of a mile, consists of grading and draining the roadway and the placing of concrete pavement and plant mix, and is to be completed on or before August 31, 1936.

The principal items and approximate quantities are:
5,000 cu. yds. roadway excavation;
400 cu. yds. struct. excavation;
62,000 lbs. reinforcing steel;
2,000 lbs. struct. steel;
4,000 cu. yds. select material;
395 lin. ft. single curb;
370 cu. yds. concrete;
3,450 lin. ft. combined curb & gutter
1,140 lin. ft. 30-in. concr. pipe;
300 lin. ft. rail bank protection;
1,475 tons plant mix;
1,540 sq. yds. 6-in. concr. pave.;
300 lin. ft. 12-in. conc. pipe;
315 lin. ft. 24-in. concr. pipe;
350 lin. ft. 18-in. concr. pipe;
54 tons MC-4 cutback asphalt;
6 tons MC-5 cutback asphalt;
5 tons emulsified asphalt;
8 catchbasins;
22 lin. ft. 12-in. C. M. pipe;
60 lin. ft. 30-in. C. M. pipe.

Funds in the amount of $107,000 have been programmed for the construction of projects F. A. 79-J, Sch. 1 and F. A. 79-J, Schedule 2.

Arizona Concrete Co., Phoenix, at $71,549 submitted second low bid.

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until April 29, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for applying road-mix surface treatment to existing roadbed on about 27.6 miles in Riverside County, between Temecula River bridge and southerly boundary, and between Sage and 4.2 miles south of Hemet.

The work involves:
(1) 640 tons liquid asphalt, SC-2;
(2) 314,600 sq. yds. preparing, mixing and shaping roadbed.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

CONTRACT AWARDED

CONTRA COSTA COUNTY, Cal.—Stewart M. McGaw, 425 Lexington Ave., Stockton, at $23,675 awarded contract by the State Highway Commission, Sacramento, for about 4.1 miles surfacing with plant-mixed surfacing and constructing shoulders in Contra Costa County, between county road to Myron and thee easterly boundary.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until April 20, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of Borregas Ave. from Maude Avenue to Mountain and Alviso Road.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1.

RIVERSIDE COUNTY—11.7 Mi. Grade and Surf.—STATE

RIVERSIDE COUNTY, Cal.—Oswald Bros., 366 E 58th St., Los Angeles, at $156,069.50, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 11.7 miles grading and applying road-mix surface treatment in Riverside Co. between Box Springs and three miles east of Moreno.

The work involves:
(1) 8,380 M. gals. water;
(2) 239,400 c.y. rdwy. excav., unclass.
(3) 13,014,000 sta. yds. overhaul;
(4) 7,400 c.y. struc. excav.;
(5) 624 sta. finishing rdwy.;
(6) 2,050 tons liquid asphalt SC-2;
(7) 200,000 sq. yds. preparing, mixing, and shaping roadbed;
(8) 210 tons liquid asphalt 90-95 (seal coat);
(9) 2,500 tons screenings (seal coat)
(10) 46,700 lbs. bar. reinf. steel;
(11) 515 c.y. Class A Portland cement concrete (struc.);
(12) 48 l.f. 8-in. CMP;
(13) 2,158 l.f. 24-in. CMP;
(14) 1,774 l.f. 36-in. CMP;
(15) 284 l.f. 48-in. CMP;
(16) 160 l.f. 75-in. multi-plate CMP (410-18);
(17) 1 each spillway assembly;
(18) 170 each guide posts;
(19) 155 each culvert markers;
(20) 4.3 miles new property fence;
(21) 20 each drive gates;
(22) 186 each monuments;
(23) 50 c.y. removing concrete.

Total bids follow:
(A) Oswald Bros., Los Angeles, $156,069.50.
(B) V. R. Dennis Const. Co., San Diego, $162,151.90.
(C) Wood & Bevanda, Stockton, $174-291,50.
(D) C. W. Caletti, San Rafael, $185,-121.90.
(E) Daley Corp., San Diego, $192,705.
(F) Mundo Engr. Co. & Sander Pearson, $197,036.40.
(G) Gibbons & Reed Co., Burbank, $199,775.70.
(H) J. E. Haddock, Ltd., Pasadena, $201,462.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.60	$ .85	$ 2.00	$ 1.00	$ 1.00	$ 1.25	$ 1.25	$ 1.50
(2)	.23	.19	.22	.34	.30	.25	.33	.24
(3)	.0018	.0033	.003	.0015	.003	.004	.003	.004
(4)	1.00	.30	.70	1.00	1.40	1.25	1.00	1.25
(5)	3.00	10.00	5.00	6.00	5.00	5.00	4.00	10.00
(6)	8.50	9.00	8.25	10.00	8.00	8.50	9.00	8.50
(7)	.0375	.04	.045	.06	.45	.05	.05	.06
(8)	18.00	20.00	15.00	15.00	17.50	16.00	18.00	19.00
(9)	2.00	2.50	2.50	2.50	2.00	3.00	2.50	2.90
(10)	.05	.04	.05	.05	.05	.06	.05	.05
(11)	19.00	17.50	16.00	17.50	20.00	18.00	20.00	18.00
(12)	.35	.30	1.00	.70	.25	.40	.25	.30
(13)	.40	.50	1.00	.70	.50	.50	.40	.40
(14)	.50	.75	1.00	1.30	.75	.60	.50	.50
(15)	.75	1.50	1.00	1.50	1.50	.70	2.00	.70
(16)	14.00	17.00	15.00	20.00	30.00	16.00	18.00	17.00
(17)	5.00	20.00	20.00	12.50	15.00	15.00	15.00	15.00
(18)	2.00	1.50	2.00	1.50	2.50	3.00	1.60	2.50
(19)	2.00	1.50	2.00	1.50	2.50	3.00	1.60	3.00
(20)	525.00	350.00	400.00	400.00	500.00	550.00	425.00	600.00
(21)	15.00	15.00	17.50	10.00	15.00	30.00	15.00	15.00
(22)	2.50	2.50	2.00	3.00	2.50	3.00	2.50	3.00
(23)	2.50	1.50	2.00	2.00	2.50	3.00	3.00	5.00

RIVERSIDE COUNTY—5.9 Mi. Drainage System—STATE

RIVERSIDE COUNTY, Cal.—Mittry Bros. Const. Co., 5531 Downey Road, Los Angeles, at $44,090.40, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for construction of a storm protection drainage system approximately 5.9 miles in length, in Riverside County between Bendel's Corner and the Imperial county line.

The work involves:
(1) 149,000 c.y. ditch and channel excavation;
(2) 5,200 c.y. struc. excav.;
(3) 7,310 c.y. light riprap;
(4) 1,176 l.f. 24-in. CMP;
(5) 165 each monuments, complete, in place.

Total bids follow:

(A) Mittry Bros. Const. Co., Los Angeles, $44,090.40.
(B) Geo. J. Bock Co., Los Angeles, $46,109.50.
(C) Martin Bros. Trucking Co., Long Beach, $53,744.00.
(D) V. R. Dennis Const. Co., San Diego, $55,023.50.
(E) R. E. Hazard & Son, San Diego, $55,478.00.
(C) C. W. Caletti & Son, San Rafael $71,770.50.
(G) Oswald Bros., Los Angeles, $72.-376.05.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .125	$ .135	$ .15	$ .14	$ .15	$ .22	$ .13
(2)	.60	.50	.40	.30	.40	.75	.80
(3)	2.50	2.65	3.50	3.95	3.80	4.25	6.25
(4)	2.90	3.00	2.75	2.75	2.50	3.00	2.30
(5)	4.00	3.00	3.00	3.00	2.00	3.00	2.75

BIDS WANTED

STATE OF OREGON—Until April 17, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction as follows:

Columbia County — Mist-Pittsburg Section of Nehalem Secondary Highway, 11.16 mi. crush. rock resurfacing; also the furnishing of crushed rock in stockpile. Requires approx. 5000 c.y. crushed rock surfacing materials and 5,700 cu. yds. crushed rock in stockpile. This project may be bid in combination with Mist Pittsburg Oiling Project in Columbia County.

Columbia County — Mist-Pittsburg Section of Nehalem Secondary Highway and Mist-Clatskanie Secondary Highway. 11.61 miles oil mat surface treatment. This project may be bid in combination with Mist-Pittsburg Resurfacing Project in Columbia Co.

Multnomah County—Vancouver Avenue Extension, Columbia Boulevard to Union Avenue, in the City of Portland. 0.48 mile paving. Requires approximately 4,600 cu. yds. excavation; 500 cu. yds. gravel borrow; 2,300 lin. ft. cable guard fence; 2,550 cu. yds. pit-run and crushed gravel; 6,000 sq. yds. Portland cement concrete pavement and 1,800 sq. yds. asphaltic concrete pavement.

Union County—Hot Lake-La Grande Section of Old Oregon Trail. 5.19 miles windbreak planting. Requires approximately 2,800 willow trees and 1,600 rods barbed wire fence.

Union and Wallowa Counties—Elgin-Rock Creek Section of Wallowa Lake Highway. 22.49 miles oil mat surface treatment.

Wasco County — Threemile Creek-Eightmile Creek Section of the Dalles-Dufur County Road. 6.0 miles crushed rock surfacing. Requires approximately 7,700 cu. yds. crushed rock surfacing materials.

Washington County — Balm Grove-Forest Grove Section of Gales Creek County Road. 1.25 miles grading, 1.25 miles surfacing, 5.79 miles resurfacing, and 7.05 miles oil mat surface treatment. Requires approximately 17,000 cu. yds. excavation; 3,500 cu. yds. gravel subbase materials; 6,700 cu. yds. crushed gravel for base and shoulders; and 74,000 sq. yds. oil mat surface treatment.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

BIDS WANTED

STATE OF WASHINGTON — Until April 21, 10 a.m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Franklin and Benton Counties—Paving with Portland cement concrete and constructing reinforced concrete and steel approach spans on about 0.3 miles of State Road No. 3, Pasco-Kennewick Bridge Revision, involving about 28,290 cubic yards of excavation, 720 cubic yards of crushed stone surfacing, 702 linear feet of cable guard rail design No. 6, 2,262 square yards of cement concrete pavement, 1,030 cubic yards of concrete, 227,000 pounds of structural carbon steel, 234,000 pounds of structural silicon steel, 125,770 pounds of steel reinforcing bars, 4,800 linear feet of steel foundation piles, 173 M.B.M. of timber and lumber, 600 linear feet of round timber posts, 4800 linear fee of timber piling and other items.

Clallam and Grays Harbor Counties—Paving with Portland cement concrete, asphaltic concrete and constructing asphaltic concrete sidewalks and shoulders on about 2.5 miles of State Road No. 9, First Street between Lincoln and Race in Port Angeles; City Streets in Hoquiam; City Streets in Aberdeen, involving about 312 cubic yards and 525 square yards of cement concrete pavement, 1,040 tons of type H-1 and 3,364 tons of type I-1 asphaltic concrete pavement, 335 linear feet of pipe culverts and other items.

Kitsop County—Paving with Portland cement concrete about 0.4 miles of State Road No. 21, Sixth Street, Naval to Veneta, in City of Bremerton.

Walla Walla County—Grading, surfacing, paving with asphaltic concrete and constructing bituminous surface treatment "Road Mix," bituminous surface treatment "Plant Mix" and reinforced concrete bridge on about 0.4 miles of city street, City of Walla Walla, involving about 5,880 cubic yards of excavation, 1,650 cubic yards of crushed stone surfacing, 65 tons of bituminous cement, 25 tons of asphaltic concrete type I-1, 61 tons of plant mix, 281 cubic yards of concrete, 62,500 pounds of steel reinforcing bars, 285 linear feet of pipe culverts and other items.

King County—Paving with Portland cement concrete, constructing cement concrete and asphaltic concrete sidewalks and treated pile and timber trestle on about 2.251 miles of county road, Black River Junction to Renton, involving about 159,405 cubic yards of excavation, 599 cubic yards of crushed stone surfacing, 30,893 square yards and 287 cubic yards of cement concrete pavement, 1130 square yards of cement concrete and 377 tons of asphaltic concrete, Type I-1, sidewalks, 13,566 linear feet of cable guard rail design No. 6, 260 cubic yards of concrete, 55,000 pounds of steel reinforcing bars, 133 M.B.M. of timber and lumber creosote treated, 9 M.B.M. of timber and lumber zinc chloride treated, 12 M.B.M. of timber and lumber untreated, 4,400 linear feet of treated piling, 1,831 linear feet of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2.

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, Lincoln Ave. and San Salvador, San Jose, at $3,694.78 submitted low bid and awarded contract (subject to approval by State Highway Commission) for the improvement of the center 22-ft. of West Virginia and Home Streets, between Palm and Prevost.

The work involves

(1) 215.58 tons 1½-in. asphaltic concrete wearing surface;
(2) 487.44 tons 3½-in. asphaltic concrete base course;
(3) 22,649 sq. ft. grading under pavement area;
(4) 11,960 sq. ft. grading outside do;
(5) 54 sq. ft. Portland cement concrete gutter;
(6) 31.5 l.f. Portland cement concrete curb;
(7) 71 sq. ft. Portland cement concrete sidewalk.

Total bids follow:

(A) A. J. Raisch, San Jose, $3,694.78.
(B) Union Paving Co., San Francisco, $3,704.12.

Unit bids follow:

	(A)	(B)
(1)	$4.75	$4.75
(2)	4.10	3.99
(3)	.02	.02
(4)	.015	.02
(5)	.025	.25
(6)	.50	.60
(7)	.15	.15

Work will be financed by the city's share of State gasoline tax funds.

BIDS OPENED

ORANGE COUNTY, Cal. — C. O. Sparks, 2309 E. Olympic Blvd., Los Angeles, at $23,024.75, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 0.4 mile paving with asphalt concrete in the City of Orange, on Chapman Ave. and Glassell St., adjacent to the Plaza.

The work involves:

(1) 16 M. gals. water;
(2) 110 c.y. rdwy. excav., unclass.;
(3) 500 c.y. struc. excav.;
(4) 1,015 sq. yds. subgrade for pave.;
(5) 1,650 tons asphalt concrete (base and leveling course);
(6) 1,225 tons asphalt concrete (Type B surface course);
(7) 13,400 sq. yds. asph. paint binder;
(8) 10 c.y. Class A Portland cement concrete (struc.);
(9) 600 lbs. bar reinf. steel;
(10) 2,000 lbs. misc. iron and steel;
(11) 604 l.f. 14-in. standard reinforced concrete pipe;
(12) 22 l.f. 21-in. standard reinforced concrete pipe;
(13) 70 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks);
(14) 540 l.f. curb armor;
(15) 1,140 c.y. removing apshalt conc.;
(16) 240 c.y. removing Portland cement concrete;
(17) 11 each moving and resetting light standards;
(18) 1 each moving and resetting tree.

Total Bids Follow:

(A) C. O. Sparks, Los Angeles, $23,-924.75.
(B) Oswald Bros., Los Angeles, $29,-317.50.

Unit bids follow:

	(A)	(B)
(1)	$ 1.00	$ 2.00
(2)	1.50	2.00
(3)	3.00	2.00
(4)	.16	.15
(5)	2.90	5.00
(6)	3.30	5.25
(7)	.05	.03
(8)	30.00	35.00
(9)	.05	.07
(10)	.15	.13
(11)	2.00	2.75
(12)	3.00	3.50
(13)	16.00	17.50
(14)	1.00	1.00
(15)	6.00	6.00
(16)	3.00	4.00
(17)	130.00	75.00
(18)	40.00	50.00

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.——Os-Wold Bros., 366 E. 58th St., Los Angeles, at $156,069.50 awarded contract by the State Highway Commission, Sacramento, for about 11.7 mi. grading and applying road-mix surface treatment in Riverside County, between Box Springs and three miles east of Moreno.

CONTRACT AWARDED

MARIN AND SONOMA COUNTIES, Cal.—Charles Kuppinger, Box 356 Lakeport, at $1970 awarded contract by the State Highway Commission, Sacramento, for treating shoulders with liquid asphalt on about 18.8 miles in Marin and Sonoma Countits, bet. Ignacio Wye and the Napa County line, requiring 200 tons of liquid asphalt, SC-2, in place.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal. —Matich Bros., Elsinore, at $93,423.75 awarded contract by the State Highway Commission, Sacramento, for about 5.1 miles grading and paving with Portland cement concrete in San Bernardino County, between Santa Ana River and Alabama Street.

CONTRACT AWARDED

SONOMA COUNTY, Cal.—Charles Kuppinger, Box 356, Lakeport, at $1672.50 awarded contract by the State Highway Commission, Sacramento, for applying penetration oil treatment to shoulders on about 15.2 miles in Sonoma County, between Lytton and Cloverdale, requiring 150 tons of liquid asphalt, SC-2, in place.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal.—George Herz & Co., Platt Bldg., P. O. Box 191, San Bernardino, at $53,710.30 awarded contract by the State Highway Commission, Sacramento, for about 0.7 mile grading and surfacing with plant-mixed surfacing in San Bernardino County at the Little Mountain entrance to San Bernardino.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until April 21, 2 P. M., as previously reported, bids will be received by the Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for applying penetration oil treatment to existing shoulders on about 35.9 miles in San Diego County at various locations.

The work involves:

(1) 435 tons liquid asphalt, SC-2 (Location A);

(2) 935 tons liquid asphalt, SC-2 (Location B).

Plans and specifications obtainable from the above office.

BIDS WANTED

IMPERIAL COUNTY, Calif.—Until April 14, 2 P. M., as previously reported, bids will be received by the Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for furnishing and applying liquid asphalt to existing shoulders on about 12.6 miles in Imperial County between Sand Hills and one mile west of Yuma.

The work involves:

(1) 250 tons liquid asphalt, SC-2, in place (Location A);

(2) 100 tons liquid asphalt, SC-2, in place (Location B).

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Basich Bros., 20550 Normandie Ave., Torrance, at $47,000 awarded contract by the State Highway Commission, Sacramento, for about 8.1 miles widening pavement with Portland cement concrete and treating adjacent shoulders witht liquid asphalt in Los Angeles County, between Lancaster and Kern County line.

CONTRACT AWARDED.

SONOMA COUNTY, Cal.—Palo Alto Road Materials Co., 465 California Avenue, Palo Alto, at $3614 awarded contract by the State Highway Commission, Sacramento, for applying penetration oil treatment to existing shoulders on about 19.1 miles in Sonoma County, between Forestville and Cotati.

30—RESERVOIRS & DAMS

BIDS OPENED

FRIANT DAM, Cal.—Youdall Const. Co., Matson Bldg., San Francisco, at $16,125 submitted low bid to the Bureau of Reclamation, 206 Old Post Office Bldg., Sacramento, Walker Young Chief Engineer, for the excavation of Friant Damsite, Central Valley Project, about 1¼ mi. northeast of Friant.

Bids were taken as follows:

(1) 150 c.y. common excavation for open trenches and portals;

(2) 50 c.y. rock excavation for open trenches and portals;

(3) Drifting 300 l.f. holes, no drift to be larger than 150 ft. (lump sum);

(4) 700 l.f. additional drifting, no drift to be longer than 500 ft.

Total bids follow:

(A) Youdall Const. Co., San Francisco $16,125.00.

(B) Case Const. Co., Alhambra, $16,187.50.

(C) Milton A. Purdy, Oakland, $16,999.65.

(D) Barrett & Hilp, San Francisco, $26,090.00.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.50	$ 2.00	$ 2.50	$ 1.50
(2)	4.00	4.75	3.50	3.00
(3)	7650.00	4975.00	6775.65	9790.00
(4)	11.50	15.25	13.82	22.75

CONTRACT AWARDED

SAN MATEO COUNTY, Cal.—Duncanson-Harrelson Co., deYoung Bldg., San Francisco, at $1582 awarded contract by the Public Utilities Commission, City Hall, San Francisco, under Spec. No. W.D. 98, for the construction of a log boom at San Andreas Reservoir, San Mateo County, a PWA project.

BIDS OPENED

RIO GRANDE PROJ., New Mexico.-Texas.—Mittry Bros. Const. Co., 5531 Downey Road, Los Angeles, at $957,270 submitted low bid to the Bureau of Reclamation, El Paso, under Spec. No. 672, for construction of the Caballo Dam, Rio Grande Project.

The work is located near Hatch, N. M., and the principal items of work involved are:

(1) 263,000 c.y. stripping;

(2) 499,000 c.y. unclass. open-cut excavation;

(3) 1,035,000 c.y. excav. from borrow pits, common;

(4) 153,500 c.y. do, rock;

(5) 7,000 c.y. tunnel and shaft excavation;

(6) 28,000 c.y. backfill about struc.;

(7) 1,130,000 c.y. earth fill in embankment;

(8) 15,000 c.y. gravel blanket on embankment;

(9) 130,000 c.y. rock fill on downstream slope of dam embankment;

(10) 52,500 c.y. riprap;

(11) 2,620 c.y. conc. in tunnel, shaft, and gate chamber;

(12) 23,750 c.y. conc. in other struc.

(13) 3,000 sq. yds. special finish of concrete surfaces;

(14) 3,000 c.f. pressure grouting;

(15) 1,060 c.y. dry-rock and grouted paving;

(16) Placing 1,580,000 lbs. reinforcement bars;

(17) Driving 600,000 lbs. of sheet steel piling;

(18) Drilling 4,250 l.f. grout and weep holes;

(19) Constructing 8,310 l.f. clay pipe drains;

(20) Furnishing and installing 50,000 lbs. steel tunnel liner plates;

(21) Installing 825,000 lbs. metal work

(22) Installing 200 l.f. electrical metal conduit;

(23) Furnishing 1,200 c.y. surfacing material for highway.

Work shall be commenced within 30 calendar days and completed within 700 calendar days from the date of receipt of notice to proceed.

The next three bids were:

Martin Wunderlich Co., Jefferson City, Mo., $1,046,199.

Peter Kiewit Sons Co. Omaha, Neb., $1,068,822.50.

Macco Const. Co., Clearwater, Cal., $1,106,251.50.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BONDS VALIDATED

PORTLAND, Oregon.—Oregon State Supreme Court has ruled proceedings authorizing a $6,000,000 bond issue for constructing a sewage disposal system in Portland are valid. The court dissolved an injunction granted in the lower courts on a taxpayer's petition holding the bonds were invalid because the city council did not have proper plans, specifications and cost estimates prepared prior to submitting the issue to a vote. The bonds were approved at a special election July 21, 1933.

The court also held that plans prepared by Walter E. Baer, former Portland engineer, were those on which the issue was approved and rejected a different set of plans prepared by Koon, Cunningham & Dieck, consulting engineers, who submitted their report to the council just before the election was held.

CONTRACT AWARDED

SAN FRANCISCO.—Fay Imp. Co., 760 Phelan Bldg., at $4,418.55 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,929 for the construction of a sewer in Anza Street between Arguello Blvd. and Parker Avenue

CONTEMPLATED

SAN DIEGO, Cal. — City Manager Robert W. Flack's Advisory Committee on sewage disposal problems has recommended that the city manager and city council appoint an engineer to make a full report on the cost of remodeling the present method of disposing of city sewage. At present 10,000,000 gallons of untreated sewage are dumped into San Diego Bay daily. One of the suggested plans calls for an interceptor and collecting system tapping the outfalls from the foot of 32nd St. near the southeastern corner of the city, to Kurtz St. near Old Town, with a primary treatment plant, to discharge treated effluent into the bay. The other would provide a modern sewage treatment plant on city lands using pipe lines and storage reservoirs with a view to a saving in water.

CONTEMPLATED

WILLOW GLEN, Santa Clara Co.—City Engineer H. N. Bishop has estimated the total cost of construction of a sewer system in Willow Glen to connect with the San Jose system at approximately $300,000. Work would involve laying of 111,000 ft. of pipe, patching of 36,000 ft. of pavement, pumping system, etc.

33— WATER WORKS

BIDS OPENED

MARE ISLAND, Cal. — Permutit Co., 442 4th Ave., New York, at $7860 submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8092 for two water treatment systems, a continuous blow-down system and chemical feeding system for the Navy Yard Hospital, Mare Island.

International Filter Co., Chicago, at $8200 submitted the only other bid.

33

33— WATER WORKS

BIDS WANTED

AIEA, T. H.—Until June 3, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, aD. C., under Spec. No. 8139, for construction of a water supply tunnel at Aiea, T. H. Estimated cost, $100,000.

Plans and specifications obtainable from the above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco, upon deposit of $10.

BIDS WANTED

SAN FRANCISCO.—Until April 15, 1:30 P. M., bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Spec. No. 18,875, for construction of three fire cisterns, Group 5, AWSS for Fire Protection, a PWA project. Estimated cost, $23,000.

The work involves:

(1) One 75,000-gal. reinf. conc. cistern at Market and Laguna Streets;
(2) One do at Market opp. Gough St.;
(3) One do at Grove St. and Van Ness Avenue;
(4) 84 c.y. excavation and backfill, test trenches;
(5) 217 sq. ft. repaving test trenches.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.00. *

CONTRACT AWARDED

OAKLAND, Cal.—Iowa Valve Co., 501 Howard St., San Francisco, at $1,725 (lump sum bid) awarded contract by the East Bay Municipal Utility District, John H. Kimball, Secretary, under Spec. No. L. S. 168, for furnishing 50 gate valves.

BIDS WANTED

ANTIOCH, Contra Costa Co., Cal.—Until April 13, 8 P. M., bids will be received by the Antioch City Council, J. L. McElheney, City Clerk, City Hall, for furnishing lap welded steel pipe and fittings for a suction line and electrically driven centrifugal pump, to be installed at the municipal waterworks pumping plant.

Plans and specifications obtainable from the above office.

George Oliver, City Engineer.

BIDS WANTED

ANTIOCH, Contra Costa Co., Cal.—Until April 13, 8 P. M., as previously reported, bids will be received by the Antioch City Council, J. E. McElheney City Clerk, City Hall, for furnishing 280 l.f. of lap welded steel pipe and fittings for a suction line, and one electrically driven centrifugal pump of 3,000 gal. per minute capacity with a 250-hp. motor, to be installed at the municipal waterworks pumping plant.

Plans and specifications obtainable from the above office. *

CONTRACTS AWARDED

SAN JOAQUIN COUNTY, Calif.—Rexroth & Rexroth, 2110 C, Station A, Bakersfield, at $6,454.80 awarded contract by the State Highway Commission, Sacramento, for landscaping highway roadsides on about sixteen miles in San Joaquin County between Stockton and Lind's Airport.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until April 22, 2 P. M., bids will be received by the Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for landscaping about three miles of highway roadsides in Los Angeles County between the east city limits of Monrovia and west city limits of Azusa.

The work involves:

(1) 81 Key No. 1 plants complete in place;
(2) 194 Key No. 2 do;
(3) 61 Key No. 3 do;
(4) 75 Key No. 4 do;
(5) 5 Key No. 5 do;
(6) 60 Key No. 6 do;
(7) 75 key No. 7 do;
(8) 76 Key No. 8 do.

Plans and specifications obtainable from the above office.

BIDS WANTED

KERN, TULARE & FRESNO COS., Cal.—Until April 20, 10 A. M., bids will be received by the Division of Highways, R. M. Gillis, District Engineer, State Highway Bldg., Fresno, for landscaping highway roadsides on about 32.6 miles in Kern, Tulare and Fresno Counties, between Greenfield and Pierce Road; between Bush St. in Tulare and the South City Limits of Kingsburg; and between Highland Ave. and the north city limits of Fowler.

Plans and specifications obtainable from above office. *

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until April 20, 2 P. M., bids will be received by the Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for landscaping highway roadsides on about 1.9 miles in San Bernardino County between Alabama St. and State St.

The work involves:

(1) 5853 plants;
(2) 9579 l.f. various sizes galvanized iron pipe;
(3) 10 water meters, various sizes.

Plans and specifications obtainable from the above office. *

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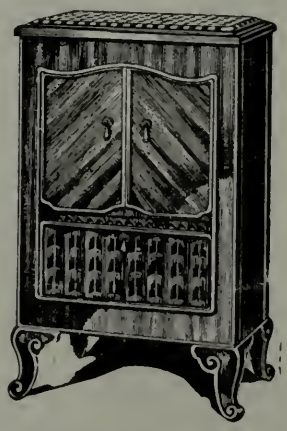
GENERAL ELECTRIC



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MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Cal.—Until April 14, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-253, for furnishing:
(1) Cable, cable accessories and wire;
(2) 4 transformers and accessories;
(3) 1 watthour meter and two 600-volt current transformers;
(4) 2 motor starting magnetic switches;
(5) Panel board, safety switch and fuses.

The supplies are for shipment to the Quartermaster, Luke Field, T. H.

Specifications obtainable from above office.

FORT MASON, Cal.—Until April 16, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-255, for furnishing 1100 ft. of braided water hose, 3,000 gallons of olive drab paint, etc.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until April 14 3 P. M., bids will be received by the U. S. Engineer, Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for furnishing 642 ft. plain concrete pipe.

Delivery fob Stockton.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until April 21 3 P. M., bids will be received by the U. S. Engineer, Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Order No. 7878/CP, for the sale of one survey boat, 4 propellers and batteries, marine clocks, life preservers, etc.

The boat is now located at Newport Beach.

Further information obtainable from the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles.

FORT MASON, Cal.—Until April 13, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-256, for furnishin 28,000 FBM No. 2 common Douglas fir lumber.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until April 15 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-36-225, for furnishing one gasoline engine driven 2-drum stationary hoist.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE — Until April 20, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3136, for furnishing one overhead traveling electric crane.

Specifications obtainable from the above office and from the Assistant Purchasing Officer, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE — Until April 22, 10:30 A. M., bids will be received by A. J. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3137, for furnishing miscellaneous supplies and equipment including:

Woodworking Machine, Metal Roofing, Fire Hydrants, Manhole Frames and Covers, Copper Wire and Cable, Magnet Wire, Transformers, Panelboards, Motor - starting Switches, Plug Fuses, Battery Renewals, Telephone Cable Terminals, Lighting Fixtures, Glass Shades, Anchor and Running Lights, Electric Water Heaters, Electric Wall Clocks, Porcelain or Glass Insulators, Insulator Pins, Electrical Insulation, Copper Wire Cloth, Wire Rope Clips, Axle-straightening Gauges and Wheel Aligners, Switch Stands, Safety Treads, Cars, Life Preservers, Waste Receptacles, Meat Grinders, Canvas, Cotton Bunting, Water Pipe and Sectional Steel Shelving.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

CHAIRS, 1550 aluminum; Mare Island and Puget Sound. Sch. 7545; April 17.

REFRIGERATORS, 10, electric, and spares; Mare Island. Sch. 7567; April 21.

SURFACER, motor-driven wood; Mare Island. Sch. 7575; April 21.

ASSEMBLIES, 500, hose, discharge, flexible, ¼-in. i.d., for use with portable carbon dioxide fire extinguishers; Mare Island. Sch. 7584; April 24.

TAR, 1800 gals. liquid coal tar; Mare Island. Sch. 7596; April 24.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

WAR DEPARTMENT

FORT MASON, Cal.—Until April 17, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-257, for furnishing electric drills, metal spray guns, extension adaptors, wrench handles, wrenches, portable lift, soldering furnace, shears, torches, creepers, etc.

Specifications obtainable from above office.

U. S. FOREST SERVICE

SAN FRANCISCO.—Until April 15, 2 P. M., bids will be received by P. C. Brown, Procurement Officer, 916 Phelan Bldg., under Bid No. 807, for furnishing one collapsible field range equipped with two burners for properly burning Flamo gas or similar type of fuel, complete with oven and stove pipe.

Delivery fob Oakland.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Until April 14, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3362, for furnishing 10 centrifgual pumps.

Delivery fob Government Island.

Specifications obtainable from above office.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until April 22, 8 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Proposal No. 734, for furnishing 20 tons of copper sulphate.

Specifications obtainable from above office.

PARK SERVICE

SAN FRANCISCO.—Until April 20, 2:30 P. M., bids will be received by F. A. Kittredge, Chief Engineer, National Park Service, 409 Underwood Bldg., San Francisco, for furnishing 12 electric, motor-driven car washers, capable of operating two high pressure washing spray guns continuously; 12-gpm. capacity, 3-hp. motor, 300 lbs. pressure. Bidders are also to state additional cost if 115 volt D. C motors are supplied in lieu of A.C.

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Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

April 18, 1936

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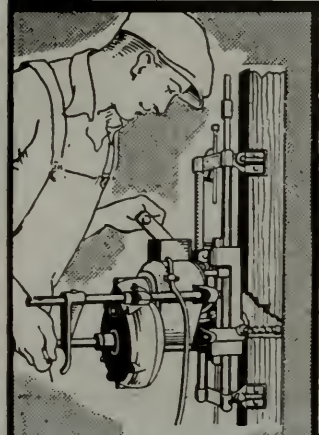
WAPPAT Electric TOOLS



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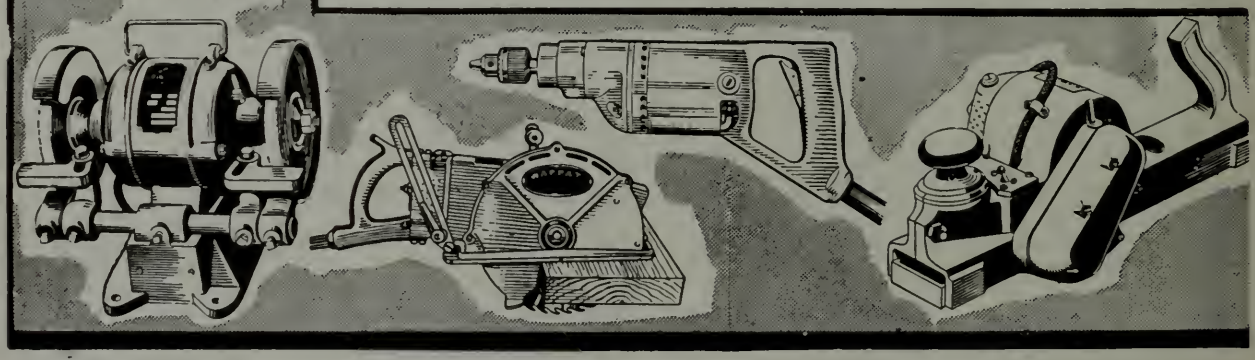

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Vol. XIX SAN FRANCISCO, CALIF., APRIL 18, 1936 No. 16

JUNIOR COLLEGE AT PALO ALTO TO COST $360,000

School Directors Call Election On Bond Issue For New Plant

Palo Alto school directors have called a special election for May 14 to vote on a $360,000 bond issue with which it is proposed to erect a junior high school building.

The district recently acquired a 16-acre site on Middlefield Road, near Santa Rita Avenue for the new school. The school board plans to proceed with construction immediately after the election if the bonds are authorized even though Federal assistance for the project is not available. A PWA application has been pending for several months.

Preliminary plans are for a plant to accommodate 1000 pupils. The unit will include 27 classrooms, administrative offices, boys' and girls' gymnasium, auditorium, library and cafeteria. The structure will be one and two stories, probably of reinforced concrete.

MILLS MEASURE FUEL CONSUMPTION

Producing 3,666,000 barrels of clinker and 3,630,000 barrels of finished cement in January, U. S. plants consumed 129,177 short tons of coal, 155,195 barrels of oil and 1,836,138,890 cubic feet of natural gas, according to the U. S. Bureau of Mines. Coal in stock at the mills at the end of the month was reported at 258,827 short tons.

Corresponding figures from the producers' reports for December, 1935, are as follows: Clinker produced, 5,526,000 barrels; finished cement produced, 5,803,000 barrels; and fuels consumed in its manufacture—coal, $212,093 short tons; oil 151,358 barrels, and natural gas, 2,862,473,431 cubic feet. The producers also reported 266,149 short tons of coal in stock at the mills at the end of December, 1935.

In addition, two plants in December, 1935 and in January, 1936, reported the use of petroleum coke. The plants reporting the use of petroleum coke also reported the use of other fuels.

RYAN LOW ON CANAL BRIDGES

YUMA, Ariz., April 16.—David H. Ryan, San Diego, today submitted the low bid for constructing two bridges and an overchute structure on the route of the All-American Canal for the U. S. Reclamation Service. The bids were opened by R. B. Williams, construction engineer for the canal project. Ryan's bid was $155,447. V. R. Dennis Construction Company bid $163,412, and Frazier Davis Construction Company, $215,952.

The work is located about six miles northwest of Yuma and the contract includes erecting a railroad bridge at Canal Station 1029, a highway bridge at Station 1035 and the Araz Wash overchute at Station 1042.

The Bureau of Reclamation is purchasing principal material items including 1,344,000 pounds structural steel and 1,255,000 pounds reinforcement bars under separate contracts to be furnished the contractor.

L. A. ARCHITECT GIVES U. C. COURSE

The University of California at Los Angeles will have on its summer session faculty Richard Neutra well known Los Angeles architect, who will instruct a class in the art of architecture. Also of interest to architects will be a summer session course in acoustics, which Dr. Vern O. Kundsen, professor of physics at the University, will instruct. Lecture and demonstrations on sound and the theory of sound with applications to architectural and physical acoustics will be included in this course. Dr. Knudsen has won national fame by his discoveries in his field.

The University of California at Los Angeles summer session opens June 27 and closes Aug. 7. Courses are open to everyone interested regardless of previous high school or college study.

Shipments of 77,344 galvanized range boilers were reported to the Bureau of the Census in January, as compared with 64,904 in January last year and 38,540 in January 1934.

LABOR SHORTAGE ENDS BUILDING PROGRAM OF WPA

Administrator Says Government To Abandon Day-Labor Construction

Abandonment of the Works Progress Administration day-labor program of building construction in California has been made necessary by the increasing volume of private building, which has resulted in a shortage of skilled workers in some trades, according to State WPA Director Frank Y. McLaughlin.

Already a total of ninety-eight approved projects have been ordered suspended or abandoned, McLaughlin said yesterday.

Principal demand, he reported, is for carpenters and plasterers. An urgent request for 100 carpenters for work in Salinas recently found WPA with no carpenters available, he said, and from other localities have come increasingly frequent requests for skilled building trades workers which WPA is unable to supply.

Only such useful units of projects now underway which are nearly finished will be carried to completion, McLaughlin said. Others will be abandoned.

In some instances it is anticipated that local sponsors of WPA building jobs will undertake to complete the work already started.

Simultaneous reduction of WPA and SRA rolls during the week ending April 10 was reported by McLaughlin. Voluntary withdrawals from WPA rolls during the week totaled 1169, and 1670 cases were dropped by SRA, he said.

GENERAL ELECTRIC ORDERS UP 21%

Orders received by the General Electric Company for the first quarter of 1936 amounted to $59,569,879, compared with $49,379,932 for the corresponding quarter of 1935, an increase of 21 per cent, President Gerard Swope announces. This was the largest quarter since the third quarter of 1931.

VOTERS APPROVE $1,000,000 DAM ON TRUCKEE SITE

Reclamation Service To Contract Project For Nevada Water Users

Start of construction in the near future on the $1,000,000 Little Truckee reservoir was seen this week following approval of the Truckee river agreement by voters of two Nevada irrigation districts.

The project, for which funds were alloted from the original P W A appropriation, had been held up for months pending the outcome of the negotiations now completed. Construction will be supervised by the U. S. Reclamation Service, and the cost to the government eventually will be repaid by the districts benefited.

Large majorities favored the project at special elections held in the Washoe county and Newlands Project irrigation districts.

Construction of a $125,000 diesel power plant at Lahontan also was authorized by voters at the Newlands Project election.

The $1,000,000 reservoir to be constructed on Little Truckee River will have a capacity of 40,000 ac. ft. Although the site has not yet been definitely selected by the Reclamation Service, location will be in the vicinity of Boca, it is reported.

Preliminaries which now must be completed before the Reclamation Service can advertise for bids include negotiation of additional agreements insuring repayment to the bureau of money expended on construction, levying of benefit assessments against the prospective water users, and appraisal of land in ths districts for resale purposes.

NEW FLOODLIGHTING COMBINATION TRIED

Five floodlights in which General Electric lighting engineers have combined mercury and incandescent lamps, marking a departure in floodlighting practices, have just been installed at a gasoline station in Schenectady, N. Y.

Mercury and incandescent lamps have been combined in street-lighting units and other luminaries, but this is the first time the two lamps have been used in a floodlight.

One 400-watt mercury lamp is mounted between two 150-watt incandescent lamps in each unit. Because of the blending of the blue-green light of mercury and the yellow-white of incandescent the unit gives a pleasing quality and quantity of light not obtainable with incandescent alone. The mercury lamp gives twice as much light for the energy consumed as do the incandescents.

Bids April 29 For $450,000 Ferry Slips On Exposition Site; Dredges To Be Rented

Bids were called yesterday by the San Francisco Public Utilities Commission for constructing four ferry slips on the Yerba Buena Shoals fill which is to be the site of the 1939 World's Fair. Terminal facilities for three passenger boats are to be provided on the west side of the fill and for one freight boat on the east side. The estimated cost of the construction is $450,000. Bids will be opened April 29.

Two contracts are to be let, one for construction of the slips, including the furnishing of piling and timber, and one for protective covering of 46,130 lineal feet of untreated piling to be used in the structures. Plans for the work were prepared by W. P. Day, director of works for San Francisco Bay Exposition Corp., and are being issued to contractors from the San Francisco Water Department engineering offices. Permanent structures for the combination exposition and airport site are being constructed by the Public Utilities Commission with funds supplied in part by the exposition corporation and in part by the Federal Public Works Administration.

Bids for rental of two private dredges to augment the fleet of army dredges now at work on the Yerba Buena shoals exposition site have been asked by the U. S. Engineer office here, and two additional army dredges also will start work shortly on the shoals fill, which to date is nearly ten percent complete, according to exposition officials.

On April 21 bids are to be opened by the U. S. Engineers for rental of a clamshell dredge to be used principally for placing foundation and backfill for the retaining wall. The wall will be built under a contract awarded to the Marinap Corp. of San Francisco, at $278,250.

Bids also will be received April 21 for rental of a motor towboat for use as a dredge tender in connection with the shoals fill.

A contract for lease and operation of a cutterhead hydraulic pipeline dredge has been advertised, with bids scheduled for opening May 1

The additional army dredges are the San Joaquin, which has been reconditioned at Mare Island Navy Yard, and the Multnomah, which will be ready to tow down from Portland April 16. Contract for the towing was awarded to the Shipowners' and Merchants' Tugboat Company of San Francisco.

Work is being rushed so that the southerly end of the shoals will be ready for the start on July 1 of the building program, which include ferry slips, ferry terminal, two airport hangars, airport terminal, and five major exposition exhibit buildings.

Shipments of shallow well water systems during the first two months of 1936 amounted to $464,411, the Bureau of the Census reports, as compared with $369,998 during the corresponding period last year.

PAUL J. OST PROMOTED TO NEW POSITION

Utilities Engineer Will Manage City's Power Construction Program

Paul J. Ost, formerly chief electrical engineer for the San Francisco public utilities commission, this week was appointed general manager and chief engineer of the newly-created Electrical Power Bureau of the commission.

The bureau, through which all city electrical facilities will be handled, was set up by the commission this week to fill the need for a separate organization for supervision of electrical affairs.

Power output of Moccasin Creek and Early intake plants, and street lighting in the city, together with any electrical generating plants and distribution facilities which may be erected by the city in the future will be handled by the bureau.

Plans and specifications for electrical projects will be prepared by the bureau, which also will have charge of any required plans and cost estimates in connection with municipal distribution of power.

Ost will receive an increase in salary from $7800 to $10,000 a year, according to recommendations made by the commission.

Born in Topeka, Kansas, in 1882, Ost attended the public schools and later Kansas University, where he studied engineering.

After leaving school Ost was employed by the Atchison, Topeka & Santa Fe Railroad ,and in 1906 was in charge of signal systems for the road's Pacific Coast lines. In 1907 he was employed by the Pacific Electric Railway in Los Angeles as signal and construction engineer.

Ost came to San Francisco in 1909 as signal engineer for the Southern Pacific Co., and in May of that year he entered the office of the city engineer as an electrical engineer, in which position he served until 1932 when the utilities commission took over the city's electrical facilities.

Ost had charge of electrical phases of installation of the city's high pressure main system, designed contruction of the Municipal Railway and was in charge of electrical engineering phases of the Hetch Hetchy project, in addition to other duties of his office.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
660	Doelger	Owner	4000
661	Doelger	Owner	4000
662	Doelger	Owner	4000
663	Doelger	Owner	4000
664	Doelger	Owner	4000
665	Doelger	Owner	4000
666	Doelger	Owner	4000
667	Doelger	Owner	4000
668	Chiela	Owner	1500
669	Hibernia	Early	1425
670	Villa	Owner	1300
671	Texas	Early	5000
672	Theill	Owner	2000
673	Murphy	Owner	1200
674	Horn	Morris	3500
675	Horn	Morris	3500
676	Buhlinger	Coburn	1800
677	Schoeppe	Owner	5000
678	General	Mortenson	2900
679	Tricoli	California	12000
680	Gianfranceschi	Cresci	2500
681	Parker	Owner	2000
682	Routh	Owner	6000
683	Bernhardt	Owner	3500
684	Bernhardt	Owner	3500
685	Reco	Owner	4000
686	Reco	Owner	4000
687	Lindsay	Owner	3950
688	Diago	Lindsay	3500
689	Vallerino	Oliva	3500
690	Standard	Owner	3500
691	Standard	Owner	3500
692	Standard	Owner	3500
693	Standard	Owner	3500
694	Baldwinson	Owner	3500
695	Sandage	Empire	3000
696	Sandage	Empire	1000
697	McGregor	Jacks	3000
698	Anderson	Owner	3500
699	City	Owner	450000
700	Auerguy	Oehm	2500
701	Johnson	Owner	3000
702	Strand	Owner	8000
703	Johnson	Owner	3500
704	Johnson	Owner	3500
705	Horn	Morris	4000
706	Horn	Morris	4000
707	Horn	Morris	4000
708	Sbarboro	Owner	8000
711	Doelger	Owner	4000
712	Doelger	Owner	4000
713	American	Wagner	12000
714	Gardner	Lindberg	3900
715	S. F.	Wagner	20000
716	Kniesche	Merrill	2900
717	Durand	Gettings	1500
718	Parker	Peterson	2000
719	Progressive	Owner	3500
720	Color	Not Given	17000

DWELLING
(660) W THIRTY-NINTH AVE. 75 S Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(661) W FORTIETH AVENUE 50 S Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(662) E FORTIETH AVENUE 75 S Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(663) E FORTIETH AVE. 25 S Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(664) E FORTY-FOURTH AVE. 225 N Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(665) W THIRTY-NINTH AVE. 25 S Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(666) W THIRTY-NINTH AVE. 50 S Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(667) E FORTY-FOURTH AVE. 250 N Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(668) NO. 349 FAIRFAX ST. Alter restaurant and flats.
Owner——Vito Chiela, Premises.
Architect—Not Given. $1500

REPAIRS
(669) NO. 711 SEVENTEENTH AVE. Repair fire damage to dwelling.
Owner — Hibernia Bank, Jones and McAllister Sts., San Francisco.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $1425

ALTERATIONS
(670) NO. 1535-37 OAKDALE ST. Alter flats.
Owner — Henry Vella, 1670 Oakdale St., San Francisco.
Architect—Not Given $1300

STATION
(671) NW SIXTH AND HARRISON Sts. Class C service station.
Owner—The Texas Co., 929 Broadway, Los Angeles.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St. $5000

ALTERATIONS
(672) NO. 2011 BROADWAY. Alter apartments.
Owner—K. Theill, 580 Market Street, San Francisco.
Engineer—K. Theill. $2000

ALTERATIONS
(673) NO. 1960 GREEN ST. Alter apartments.
Owner—Mrs. Cecelia D. Murphy, 1960 Green St., San Francisco.
Architect—Not Given. $1200

DWELLING
(674) W TWENTY-FIFTH AVE. 100 N Rivera St. One-story and basement frame dwelling.
Owner—Henry Horn, 170 Upland Dr., San Francisco.
Architect—Donnel E. Jaekle, 126 Post St., San Francisco.
Contractor—Morris & Debret, 95 Pinehurst St., S. F. $3500

DWELLING
(675) W TWENTY-FIFTH AVE. 125 N Rivera St. One-story and basement frame dwelling.
Owner—Henry Horn, 170 Upland Dr., San Francisco.
Architect—Donnel E. Jaekle, 126 Post St., San Francisco.
Contractor—Morris & Debret, 95 Pinehurst St., S. F. $3500

REPAIRS
(676) NO. 3147 GOUGH ST. Repair fire damage to flats.
Owner—Mr. Buhlinger, % Contractor.
Architect—Not Given.
Contractor — Ira W. Coburn, 2048 Market St., San Francisco. $1800

FLATS
(677) S REVERE ST. 225 W Lane St. Two-story and basement frame flats.
Owner — Edward H. Schoeppe, 1660 Revere St., San Francisco.
Architect—Not Given. $5000

ALTERATIONS
(678) NO. 2601 NEWHALL STREET. Alter industrial building.
Owner—General Brewing Corp., 2601 Newhall St., San Francisco.
Architect—Robert A. Hanson, 608 Indiana St., San Francisco.
Contractor — Mortenson Constr. Co., 19th and Indiana Sts. $2900

ALTERATIONS
(679) 2707 LAGUNA ST. Alter apts.
Owner—Carlo Tricoli, premises.
Architect—Not Given.
Contractor—California Const. Co., Shreve Bldg. $12,000

DWELLING
(680) NW DONAHUE and 50 NE Hudson. One-story and basement frame dwelling.
Owner—Mr. and Mrs. Gianfranceschi, 1878 Greenwich St.
Architect—D. E. Jaekle, Post St.
Contractor—Jos. Cresci, 733 Columbus Avenue. $2,500

ALTERATIONS
(681) 3734 BRODERICK ST. Alter apartments.
Owner—F. E. Parker, 3734 Broderick.
Architect—Louis Blecher, 2828 Pierce Street. $2,000

DWELLING
(682) N LAWTON 105 W 15th Ave. Two-story and basement frame dwelling.
Owner—Henry E. Routh, 178 De Soto.
Architect—A. A. Cantin, 222 Kearny.
Engineer—L. H. Nishkian, Underwood Building. $6,000

DWELLING
(683) W THIRTY-SECOND AVE. 200 N Santiago St. One-story and basement frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval St., San Francisco.
Architect—Not Given. $3500

DWELLING
(684) W THIRTY-SECOND AVE. 175 N Santiago St. One-story and basement frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval St., San Francisco.
Architect—Not Given. $3500

(685) E ALEMANY BLVD. 84 N Ottawa St. One-story and basement frame dwelling.
Owner—Reco Corp., 1136 Clement St.,

San Francisco.
Architect—Not Given. $4000

DWELLING
(686) E FORTY-SIXTH AVE: 100 N Cabrillo St. One-story and basement frame dwelling.
Owner—Reco Corp., 1136 Clement St., San Francisco.
Architect—Not Given $4000

DWELLING
(687) W THIRTY - SECOND AVE. 300 S Anza St. One-story and basement frame dwelling.
Owner—Claude T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given $3950

DWELLING
(688) N THERESA ST. 140 W Mission St. One-story and basement frame dwelling.
Owner—M. Diago, 434 Lisbon Street, San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3500

DWELLING
(689) NW MADRID ST. 250 S Peru. One-story and basement frame dwelling.
Owner—Giuseppe Vallerino, 143 Madrid St., San Francisco.
Architect—Not Given.
Contractor—John Oliva. 542 Vienna St San Francisco. $3500

DWELLING
(690) E TWENTY - EIGHTH AVE. 250 S Rivera St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(691) W THIRTY-SECOND AVE. 275 S Kirkham St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(692) W THIRTY - SECOND AVE. 250 S Kirkham St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(693) E TWENTY - EIGHTH AVE. 275 S Rivera St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

(694) E FORTY - FIRST AVE. 125 S Judah St. One-story and basement frame dwelling.
Owner — I. Baudwinson, 322 Judson St., San Francisco.
Architect—Not Given. $3500

LAUNDRY
(695) E SAN BRUNO AVE. 123 N Augusta St. One-story frame laundry.
Owner—G. A. and Helen A. Sandage, % Contractor.
Architect—Not Given.
Contractor—Empire Constr. Co., Ltd., 405 Russ Bldg., S. F. $3000

CLEANING PLANT
(696) E SAN BRUNO AVE 123 N Augusta St. One-story concrete cleaning plant.
Owner—G. A. and Helen A. Sandage, % Contractor.
Architect—Not Given.
Contractor—Empire Constr. Co., Ltd., 405 Russ Bldg., S. F. $3000

ALTERATIONS
(697) W SIXTH AVE. at Presidio Wall. Alter dwelling.
Owner—John A. McGregor, % Contractor.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. $3000

DWELLING
(698) E THIRTY-SECOND AVE. 150 N Moraga St. One-story and basement frame dwelling.
Owner—Christian Anderson, 146 Granville Way, San Francisco.
Architect—Not Given. $3500

BATHHOUSE
(699) N BEACH ST. Foot of Polk St. Four-story reinf. concrete bathhouse.
Owner—City and County of San Francisco Board of Park Commissioners.
Engineer—John M. Punnett, 58 Sutter St., San Francisco.
Day Labor by WPA. $450,000

ALTERATIONS
(700) NO. 85 CARL ST. Alter stores and flats.
Owner — Carmelita Aureguy, 3601 Baker St., San Francisco.
Architect—Not Given.
Contractor—F. A. Oehm, 611 Howard St., San Francisco. $2500

DWELLING
(701) E HOWARD ST. 125 N Felton St. One-story and basement frame dwelling.
Owner—J. A. Johnson, 401 Excelsior Ave., San Francisco.
Architect—Not Given. $3000

FLATS
(702) W TWENTY-FIFTH AVE. 168 N Fulton Street. Two-story and basement frame flats.
Owner—T. I. Strand, 670 Victoria St., San Francisco.
Architect—Not Given. $8000

DWELLING
(703) E TWENTY - EIGHTH AVE. 225 N Rivera St. One-story and basement frame dwelling.
Owner — N. E. Johnson, 666 Mission St., San Francisco.
Architect—Not Given. $3500

DWELLING
(704) E TWENTY - EIGHTH AVE. 200 N Rivera St. One-story and basement frame dwelling.
Owner — N. E. Johnson, 666 Mission St., San Francisco.
Architect—Not Given. $3500

DWELLING
(705) E THIRTY-THIRD AVE. 150 S Vicente St. One-story and basement frame dwelling.
Owner—Henry Horn, 170 Upland St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Morris & Debret, 95 Pinehurst St., San Francisco. $4000

DWELLING
(706) E THIRTY-THIRD AVE. 125 S Vicente St. One-story and basement frame dwelling.
Owner—Henry Horn, 170 Upland St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Morris & Debret, 95 Pinehurst St., San Francisco. $4000

DWELLING
(707) E THIRTY-THIRD AVE. 100 S Vicente St. One-story and basement frame dwelling.
Owner—Henry Horn, 170 Upland St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Morris & Debret, 95 Pinehurst St., San Francisco. $4000

DWELLING
(708) S JACKSON ST. 156 E Arguello Blvd. Two-story and basement frame dwelling.
Owner — Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $8000

DWELLING
(709) S JACKSON ST. 127 E Arguello Blvd. Two-story and basement frame dwelling.
Owner — Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $8000

DWELLING
(710) S JACKSON ST. 185 E Arguello Blvd. Two-story and basement frame dwelling.
Owner — Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $8000

DWELLING
(711) W SIXTEENTH AVE. 32 S Lawton St. One-story and basement frame dwelling.
Owner — Henry Doelger Builder, Inc. 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(712) W THIRTY-FIRST AVE. 275 S Irving St. One-story and basement frame dwelling.
Owner — Henry Doelger Builder, Inc 320 Judah St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(713) NO. 540 TENTH STREET. Alter warehouse.
Owner — American Rolling Mills Co., Premises.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $12,000

DWELLING
(714) W GRAND VIEW opp. Twenty-first St. One-story and basement frame dwelling.
Owner—Geo. L. Gardner, 254 Dolores St., San Francisco.
Architect—Not Given
Contractor—C. Lindberg, 1 Naylor St., San Francisco. $3900

ALTERATIONS
(715) NO. 119-29 KANSAS ST. Alter warehouse.
Owner—S. F. Development Co., Kohl Bldg., San Francisco.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $20,000

ALTERATIONS
(716) NO. 312-318 CLEMENT ST. Alter stores.
Owner—M. T. Kniesche, 1396 15th Ave., San Francisco.
Architect—Not Given.
Contractor—Merrill & Hill, 5 Cornwall St., San Francisco. $2900

ALTERATIONS
(717) SW GEARY AND BOYCE STS. Alter service station.
Owner—Chas. Durand, 268 13th St., San Francisco.
Architect—Not Given.
Contractor—H. T. Gettings, 268 13th St., San Francisco. $1500

ALTERATIONS
(718) NO. 220 POST ST. Alter office and salesroom.
Owner—Parker Pen Co., Premises.
Architect—Otto Hintermann, 126 Post St., San Francisco.
Contractor, Antone Peterson, 275 San Bruno Ave., San Francisco. $2000

DWELLING
)719) E FORTY-THIRD AVE. 125 N Lawton St. One-story and basement frame dwelling.
Owner—Progressive Concrete Co., 1438 Vandyke St., San Francisco.
Architect — E. H. Denke, 1317 Hyde St., San Francisco. $3500

DYE PLANT
(720) E ALABAMA ST. 88 S Mariposa St. One-story Class C dye plant.
Owner—Color Craft Corp., Ltd., 550 Alabama St., San Francisco.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
Contractor—Not Given. $17,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
405	Beebe	Graves	9950
406	Santa	Owner	7000
407	Vera	Owner	4000
408	Bardwell	Owner	15000
409	Neilsen	Philbrick	1000
410	Schmidt	Teigland	5500
411	Neilson	Philbrick	5000
410	Harlow	Jensen	14000
411	Morris	Owner	2000
412	Gaither	Sigwald	13500
413	Kinney	Treglund	14000
414	Jessen	Johnson	5000
415	Vallerino	Benassinl	1000
416	DeChene	Rich	4500
417	Graves	Owner	1000
418	Soder	Soder	3900
419	Windsor	Windsor	7000
418	Pfrang	Owner	6000
419	Kennedy	Owner	5000
420	Harinen	Rhodes	1000
421	Swindell	Owner	2400
422	Bannon	Owner	2200
423	Jestadt	Owner	1600
424	Russell	Owner	6000
425	Cutter	Sattin	3500
426	Holtren	Melrose	1500
427	Brunk	Owner	2000
428	S. P. Co.	Owner	25000
429	Adams	Owner	1000
430	Besley	Ownel	1649
431	Pfrang	Owner	9000
432	Nairne	Owner	1700
433	Steffensen	Steffensen	6300
434	Troxel	Sigge	6800
435	Gazette	Shapero	3000

RESIDENCE
(405) NO. 126 WOODLAND AVE., **PIEDMONT.** Two-story 8-room residence and garage.
Owner—Mr. and Mrs. M. C. Beebe, 1251 Sunnyhills Road, Piedmont.
Architect—F. L. Confer, 3149 Claremont Ave., Berkeley.
Contractor — Irving L. Graves, 631 Valle Vista Ave., Oakland. $9950

WAREHOUSE
(406) 1251 57th AVE., **OAKLAND.** One-story warehouse.
Owner and Builder—Santa Cruz Fruit Packing Corp., 1175 57th Avenue, Oakland.
Architect—Not Given. $7,000

DWELLING
(407) 1790 TRESTLE GLEN ROAD, **OAKLAND.** Two - story six-room dwelling.
Owner and Builder—J. A. Vera, 414 41st St., Oakland.
Architect—F. H. Slocombe. $4,000

DWELLING
(408) 50 BEECHWOOD DR., **OAKLAND.** Two-story 9-room dwelling.
Owner and Builder—Chas. E. Bardwell, Jr., 794 Calmar Ave., Oakland.
Architect—Not Given. $15,000

PUMP CANOPY
(409) 2553 SHATTUCK AVE., **BERKELEY.** Gas pump canopy.
Owner—T. S. and D. S. Neilsen, 2nd and Camelia Sts., Berkeley.
Plans by Berkeley Steel, 2nd and Camelia Sts., Berkeley.
Contractor—A. L. Philbrick, 424 Euclid Ave., Oakland. $1000

ODELLING
(410) NO. 457 VINCENTE STREET, **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner—R. J. Schmidt, 1016 Virginia St., Berkeley.
Architect—Not Given.
Contractor—C. M. Teigland, 4668 Dolores Ave., Oakland. $5500

STATION
(411) NO. 2551 SHATTUCK AVE., **BERKELEY.** Super service station.
Owner—F. S. and D. S. Neilson, 2nd and Camelia Sts., Berkeley.
Plans by Berkeley Steel Co., Second and Camelia Sts., Berkeley.
Contractor—A. L. Philbrick, 424 Euclid Ave., Oakland. $5000

DWELLING
(410) NO. 5576 COUNTRY CLUB Drive, **OAKLAND.** Two-story 8-room dwelling.
Owner—Geo. Harlow, 1216 Court St., Alameda.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

DWELLING
(411) NO. 5876 MERRIEWOOD ST., **OAKLAND.** One-story five-room dwelling..
Owner—A. M. Morris ,5865 Merriewood St., Oakland.
Architect—Not Given. $2000

RESIDENCE
(412) NO. 538 BLAIR AVE., **PIEDMONT.** Two-story 9-room residence and garage.
Owner — H. R. Gaither, 215 Ramona Ave., Piedmont.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—Sigwald Bros., 538 Blair Ave., Piedmont. $13,500

RESIDENCE
(413) NO. 519 HAMPTON STREET, **PIEDMONT.** Two-story 10-room residence and garage.
Owner — E. Kinney, Lennox Apartments, Piedmont.
Architect—Not Given.
Contractor—C. M. Teiglund, 4668 Dolores Ave., Piedmont. $14,400

DWELLING
(414) NO. 21 EL CARMELA CIRC., **OAKLAND.** One-story six-room dwelling.
Owner — M. P. Jessen, 4749 Walnut St., Oakland.
Architect—Not Given.
Contractor—O. W. Johnson, 4237 Atlas Ave., Oakland. $5000

ALTERATIONS
(415) NO. 5270 LAWTON AVENUE, **OAKLAND.** Alterations
Owner—A. Vallerino
Architect—Not Given.
Contractor—Joe Benasssini, 620 51st St., Oakland. $1000

DWELLING
(416) NO. 5321 BRANN STREET, **OAKLAND.** Two-story six-room dwelling.
Owner—E. R. DeChene, 364 14th St., Oakland.
Architect—Not Given.
Contractor—Jas. L. Rich, 556 37th St., Oakland. $4500

SHED
(417) NO. 2618 SEVENTY - NINTH Avenue, **OAKLAND.** One-story frame shed.
Owner—Harold Graves.
Architect—Not Given. $1000

DWELLING
(418) NO. 1907 TENTH STREET, **BERKELEY,** Two-story six-room frame dwelling.
Owner—Harry Soder, 1011 Tenth St., Berkeley.
Architect—Not Given.
Contractor—Oscar Soder, 841 Arlington St., Berkeley. $3900

RESIDENCE
(419) 92 OAKMONT, **PIEDMONT.** Two-story 6-room residence and garage.
Owner—Martha Windsor, 928 Kingston Ave., Piedmont.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont. $7,000

DWELLING
(418) NO. 5680 AMY DRIVE, **OAKLAND.** One-story six-room dwlg.
Owner — C. J. Pfrang, 6300 Claremont Ave., Oakland.
Architect—Not Given. $6000

DWELLING
(419) NO. 1925 OAKCREST DRIVE, **OAKLAND.** Two-story six-room dwelling.
Owner—H. J. Kennedy, 1140 Catham Road, Oakland.
Architect—F. H. Slocombe, 331 Monte Cresta Ave., Oakland. $5000

ALTERATIONS
(420) NO. 671 TWENTY-SIXTH ST. **OAKLAND.** Alterations and additions.
Owner—Mr. Harinen, 671 26th St., Oakland.
Architect—Not Given.
Contractor—Wm. J. Rhodes, 5869 Estates Drive, Oakland. $1000

DWELLING
(421) NO. 4435 STEELE ST., **OAKLAND.** One - story four - room dwelling.
Owner—Deane T. Swindell, 2931 68th Ave., Oakland.
Architect—Not Given. $2400

ALTERATIONS
(422) NO. 2015 SEVENTY - THIRD Ave., **OAKLAND.** Alterations and addition.
Owner—Mrs. J. Q. Bannan, Prem.
Architect—Not Given. $2200

DWELLING
(423) NO. 1806 ACTON STREET, **BERKELEY.** One-story 3 - room frame dwelling and garage.
Owner — B. J. Jestadt, 175 Brighton Ave., San Francisco.
Architect—Not Given. $1600

DWELLING
(424) NO. 506 GRIZZLY PEAK BLVD. **BERKELEY.** Two-story 6-room frame dwelling.
Owner—Geo. E. Russell, 952 Ordway Berkeley.
Architect—Not Given. $6000

BARN
(425) NO. 2525 FOURTH STREET, **BERKELEY.** One-story frame experimental barn.
Owner—The Cutter Laboratory, 4th & Parkes Sts., Berkeley.
Architect—Not Given.
Contractor—H. J. Sattin, 2925 Hillegass Ave., Berkeley. $3500

ADDITION
(426) NO. 2237 PRINCE ST., **BERKELEY.** Additions and alterations.

Owner—E. Van Holtren, 2237 Prince St., Berkeley.
Architect—Not Given.
Contractor — Melrose Builders, 1700 47th St., Oakland. $1500

ADDITION
(427) 2929 ELMWOOD AVE., **OAKLAND.** Addition.
Owner and Contractor—M. J. Brunk, 2929 Elmwood Ave., Oakland.
Architect—Not Given. $2,000

PLATFORM
(428) W KIRKHAM ST. S 80 5th St., **OAKLAND.** Loading platform & shed.
Owner and Contractor—Southern Pacific Co., Oakland Pier.
Architect—Not Given. $25,000

ALTERATIONS
(429) 240 GRAND AVE., **OAKLAND.** Alterations.
Owner and Contractor—Grace Adams, 240 Grand Ave., Oakland.
Architect—Not Given. $1,000

DWELLING
(430) 6716 WOODLAND PL., **OAKLAND.** One-story 5-room dwelling.
Owner and Builder — R. W. Besley, 2521 Central Ave., Alameda.
Architect—Not Given. $1,649

DWELLING
(431) 5925 MANCHESTER DRIVE, **OAKLAND.** Two - story 7 - room dwelling.
Owner and Builder—H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Architect—Not Given. $9,000

ADDITION
(432) 3149 COOLIDGE AVE., **OAKLAND.** Addition.
Owner & Contractor—Mrs. T. I. Nairne 3145 Coolidge Ave., Oakland.
Architect—Not Given. $1,700

DWELLING
(433) 2692-94 66th AVE., **OAKLAND.** One-story 10-room 2-family dwelling.
Owner—Frank Steffensen, 1300 Webster St., Oakland.
Architect—Not Given.
Contractor—A. Steffensen, 1300 Webster St., Oakland. $6,300

DWELLING
(434) 1857 MELVIN RD., **OAKLAND.** Two-story 6-room dwelling.
Owner—H. E. Troxel.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—V. E. Sigge, 3912 Linwood Ave., Oakland. $6,800

ALTERATIONS
(435) 2048 CENTER ST., **BERKELEY.** Alterations.
Owner—Berkeley Gazette, 2048 Center St., Berkeley.
Architect—Not Given.
Contractor—S. M. Shapero, 2014 Shattuck Ave., Berkeley. $3,000

BUILDING CONTRACTS
ALAMEDA COUNTY

39	Christensen	Griffin	5000
41	Scribner	Lund	7169
42	Fleming	Anderson	10222
43	Doughty	Suttle	5689
44	Troxel	Sigge	6890
45	Bank	Kruse	1657
46	Pacific	Thornally	1350

RESIDENCE
(41) N PROSPECT ST. 50 E Sunset Blvd., Hayward. All work for 2-story residence and garage.
Owner — Irene and J. M. Scribner, Hayward.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Geo. Lund, 21696 Montgomery Ave., Hayward.
Filed April 9, '36. Dated April 9, '36.
Frame Completed $1792.25
Brown plastered 1792.25
When completed 1792.25
Usual 35 days..... 1792.25
TOTAL COST, $7169.00
Bond, $7169. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(42) POR LOT 8 BLK F, Montclair Acres, Oakland. All work for two-story residence and garage.
Owner—Carlotta H and Willard C Fleming.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—A. F. Anderson, 3542 Harbor View Ave., Oakland.
Filed April 9, '36. Dated April 8, '36.
Frame completed $2555.50
Brown plastered..... 2555.50
When completed 2555.50
Usual 35 days..... 2555.50
TOTAL COST, $10,222.00
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(43) NO. 76 PROSPECT STREET, Hayward. All work for residence
Owner — Mr. and Mrs. B. Doughty. 21,228 Montgomery St., Hayward.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—H. W. Suttle, 1701 D St., Hayward.
Filed April 10, '36. Dated April 6, 36.
5th day after roof completed....$1422
5th day after plastering comp. 1422
5th day after completion..... 1422
Usual 35 days..... 1423
TOTAL COST, $5689
Bond, $5689. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(44) POR. LOTS 7 AND 8 BLK 16, Oakmore Manor, Oakland. All work for two-story frame dwelling.
Owner—H. E. Troxel, 3040 E-19th St., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—V. E. Sigge, 3912 Linwood Ave., Oakland.
Filed April 10, '36. Dated April 6, '36.
Frame completed $1722.50
Brown plastering completed 1722.50
When completed 1722.50
Usual 35 days..... 1722.50
TOTAL COST, $6890.00
Bond, $6890. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit. none. Plans and specifications filed.

PLUMBING WORK
(45) NO. 1212 BROADWAY, Oakland Plumbing work for building.
Owner—Bank of America National Trust & Savings Assn., 12th and Broadway, Oakland.
Architect—Not Given.
Contractor—T. J. Kruse Co., 6247 College Ave., Oakland.
Filed April 10, '36. Dated Mar. 30, '36.
1st and 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1657.27
Bond, $1657.27. Surety, Aetna Casualty & Surety Co. Limit, 45 days. Forfeit, $20 per day. Plans and specifications, none.

ADDITIONS
(46) 1470 FRUITVALE AVE., Oakland. Additions.
Owner—Pacific Tel. & Tel Co., 140 New Montomery St., San Francisco.
Architect—Not Given.
Contractor — W. G. Thornally, 2059 Webster St., Oakland.
Filed April 15, '36. Dated, April 8, '36.
Completion 75%
40 days after completion.....20%
TOTAL COST, $1,355
Limit, April 25. Plans and Spec. filed.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
36	McEwen	Sandino	6500

DWELLING
(36) E THIRTY-FIFTH AVE. 100 S Ulloa St. All work for one-story frame dwelling.
Owner—Mrs. Delphine McEwen, 740 Clayton St., San Francisco
Architect—Vincent Buckley, 525 Market St., San Francisco.
Contractor — Frank J. Sandino Jr., 2645 Sacramento St., S. F.
Filed April 11, '36. Dated, ——.
Already received in form of $5000 trade valuation deed to 740 Clayton St. property; balance of $1500 represented by S. F. Bank first encumbrance on building to be constructed; owner's payments to bank not to exceed $15 monthly.
TOTAL COST, $6500
Bond, none. Limit, 3 months. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER offices, $300; 150 California St.; owner, Geo. E. Billings Est., % Crocker Bank; engineer, R. J. Fisher, Crocker Bldg.; contractor, Dinwiddie Constr. Co., Crocker Bldg.

ALTER electric sign, $15; 391 Geary St.; owner, A. B. C. Cigar Co.; 209 9th St.; contractor, James Elec. Co., 155 2nd St.

SIGN, electric, $100; 2446 Bayshore Blvd.; owner, John Bay, Premises contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.

SIGN, electric, $200; 3325 24th Street; owner, The M. & M., Premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER flats, $175; 1428 Page Street; owner, Peter S. Ragan, 3408 California St.

SIGN, electric, $60; 600 Third Street; owner, Wm. B. Kelling, Prem.; contractor, A. J. Raymond Co., 1066 Howard St.

SIGN, electric, $60; 1225 Capital St.; owner, Ray Hare, Premises; contractor, A. J. Raymond Co., 1066 Howard St.

ALTER dwelling, $400; 618 19th Ave.; owner, Mrs. Miriam Keon, Prem. contractor, Lilly & Crowley, Inc., 90 Townsend St.

SIGN, electric, $300; 1930 Van Ness Ave.; owner, Higgins Carpet Co., Prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.

SIGN, electric, $200; 1192 Potrero Ave.; owner, Geo. Lewis, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER store, $350; 1929 Irving St.; owner, American Trust Co., 464 California St.; contractor, L. A. Hinson, 756 46th Ave.

BILLBOARD, $13; SW Golden Gate Ave. and Octavia St.; owner, Foster & Kleiser Co., 1675 Eddy

BARBER pole, $5; 1106 Pacific Ave.; owner, Strand Barber Shop, 1106 Pacific Ave.

SIGN, electric, $300; 1930 Van Ness Ave.; owner, Higgins Carpet Co., Prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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8.—Club Buildings
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13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Completed
APARTMENTS Cost, $——
SAN FRANCISCO. SE Pierce Street and Toledo Way.
Three - story and basement frame and stucco apartments (21 2- 3- and 4-room apts.) steel frame to first floor, plastered exterior, composition shingle roof, wood sash, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect—H. C. Baumann, 251 Kearny Street.

Contract Awarded
ALTERATIONS Cost, $12,000
SAN FRANCISCO. 2707 Laguna St.
Alterations to apartments.
Owner—Carlo Tricoli, 2707 Laguna St.
Architect—Not Given.
Contractor—California Const. Co., Shreve Bldg.

Plans Being Figured.
APARTMENTS Cost, $13,000
PITTSBURG, Contra Costa Co., Calif.
Two - story frame and stucco apartment building (50x125-ft.) four 3-room apts. (hardwood floors, wood sash, composition roofing, etc.)
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.

Low Bidder
APARTMENTS Cost, $——
SAN FRANCISCO. 1555 Leavenworth.
Two - story frame and stucco studio apartments (two apts.)
Owner—Bessie Turner.
Architect—F. H. Reimers, 233 Post St.
Low Bidder—Fred K. DuPuy, 110 Sutter Street.

Contract Awarded
APARTMENTS Cost, $10,000
VALLEJO, Solano Co., Cal. Louisiana St. bet. Santa Clara and Branciforte.
Two-story frame and stucco apartment building.
Owner—A. Parker.
Architect—Not Given.
Contractor—Arthur Erickson, 1315 Sonoma, Vallejo.

PREPARING PLANS
LOS ANGELES, Cal.—Architect P. R. Williams, 3839 Wilshire Blvd., is preparing plans for a two- and part four-story reinforced concrete apartment building to be built on Sunset Plaza Drive, near Sunset Blvd. ,for Mr. Hoover. Cost, $150,000.

Plans Being Figured—Bids Close April 24, 2 P. M.
APARTMENTS Cost, $13,000
PITTSBURG, Contra Costa Co., Cal.
Two-story frame and stucco apartment building (50x125 ft.) four 3-room apts. (hardwood floors, wood sash, composition roofing, etc.)
Owner—Withheld.
Architect—F. R. Amendes, 414 Dewey Blvd., San Francisco.

Contract Awarded.
APARTMENT Cost, $6500
MARYSVILLE, Yuba Co., Cal. W D St., bet. 11th and 12th Sts.
One-story frame and stucco apartment.
Owner—Frank Freeman, Marysville.
Architect—Not Given.
Contractor—C. A. Otto, 823 12th St., Marysville.

2— BONDS

BONDS SOLD
LOS ANGELES, Cal.—The Metropolitan Water District board of directors has sold to the Reconstruction Finance Corp. bonds of the district in the amount of $11,808,000, the final installment of the last federal commitment. At the same meeting the board authorized the general manager and chief engineer, F. E. Weymouth, to make application for an additional $57,500,000 for construction during the coming year. The bonds on their face bear interest at the rate of 5% but the district by agreement with the government pays only 4%.

4— FACTORIES & WAREHOUSES

Contract Awarded
LAUNDRY, ETC. Cost, $6,000
SAN FRANCISCO. E San Bruno Ave. N Augusta.
One-story reinforced concrete cleaning plant and one-story frame laundry.
Owner—George A. and Helen A. Sandage.
Architect—Not Given.
Contractor — Empire Const. Co., 405 Russ Bldg.

Plans Being Figured — Bids Close April 22.
RESIDENCE Cost, $——
EUREKA, Humboldt Co., Calif. SE Fourth and D Streets.
Three-story redwood residence (stucco front) and one-story warehouse (60x110 feet).
Owner—E. Rosaia (Teresa Fruit Co.) Eureka.
Architect—Not Given.

BIDS WANTED
FRESNO, Fresno Co., Calif.—Until April 30, 11 A. M., bids will be received by H. S. Foster, City Clerk, for the construction of certain storage shed in the new Corporation Yard at Fresno.
Plans and specifications may be obtained from the Department of Public Works, City Hall, Fresno, upon deposit of $2.50.

To Be Done By Day's Work.
PLATFORM & SHED $25,000
OAKLAND, Alameda Co., Cal. W Kirkham St. S Fifth St.
Loading platform and shed.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Plans by Engineering Dept. of Owner.

Sub-Contracts Awarded
MFG. BLDGS. Cost, $12,000
NEWARK, Alameda Co., Calif.
Two one-story wood frame and galvanized iron manufacturing buildings (100x200-ft.)
Owner—James Graham Mfg. Co.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Structural Engineer—W. L. Huber, 1 Montgomery St., San Francisco.
Contractor—The Austin Co., 516 18th Street, Oakland.
Brick Work—Remillard Dandini Co., 569 Third St., Oakland.
Lumber—McElroy Cheim, San Jose.
Steel Sash—Truscon Steel Co. 604 Mission St., San Francisco.
Concrete Materials—P. C. Hansen Lbr. Co., Newark.
Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
Structural Steel—Bethlehem Steel Co., 20th and Ilinois Sts., San Francisco.

Planned
ADDITION Cost, $25,000
PASO ROBLES, San Luis Obispo Co., Calif. Riverside and 13th Streets.
Evaporated milk plant (addition to present building) two 100-hp. boilers, condenser, etc.
Owner—J. P. Meyenberg (Paso Robles Creamery) Paso Robles.
Architect—Not Given.
Further details will be announced at a later date.

April 10, 1936
Plans Being Completed
REFINERY Cost, $2,000,000
YOLO COUNTY, Calif.
Beet sugar refinery (group of 4 brick buildings) capacity of 1800 tons.
Owner — Spreckels Sugar Co. (C. J. Moroney, Mgr.) 2 Pine St., San Francisco.
Plans by Engineering Dept. of Owner.
Segregated bids will be asked about July 1.
(8118) 1st report Oct. 8; 2nd, Dec. 16, 1936. 4

Contract Awarded.
CREAMERY Cost, $25,000
PALO ALTO, Santa Clara Co., Calif. Willow Road.
One-story creamery.
Owner—Golden State Milk Co., Willow and Oak Sts., Palo Alto.
Architect—Not Given.
Contractor — Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Plans Being Completed
HANGARS Cost, $685,300
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Two permanent airplane hangars (pile foundations, reinforced concrete and steel construction).
Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President) Financial Center Bldg., San Francisco.
Architect — W. P. Day, Director of Works, Financial Center Building, San Francisco.
Bids will be asked about July 1st by the Public Utilities Commission, City Hall.

Plans Completed.
WAREHOUSE Cost, $12,000
PORTERVILLE, Tulare Co., Calif.
One-story concrete warehouse (corrugated iron roof, concrete floors, steel trusses, etc.)
Owner—City of Porterville.
Architect — W. D. Coates, Rowell Bldg., Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Bids will be asked shortly.

To Be Done By Day's Work
WAREHOUSE Cost. $8,000
OAKLAND, Alameda Co., Calif. 1251 57th Avenue.
One-story warehouse.
Owner—Santa Cruz Fruit Packing Corp., 1175 57th Ave., Oakland.
Plans by Engineering Dept. of Owner.

Preparing Preliminary Plans.
FACTORY Cost, $50,000
MONTEREY, Monterey Co., Cal. Del Monte Ave. (outside city limits).
New soap factory.
Owner—Morris Spazier, Santa Monica.
Architect—C. J. Ryland, Box 790, Monterey.
Rezoning of the property is being considered and further details will be announced when settled.

ELEVATOR CONTRACT AWARDED
LOS ANGELES, Cal.—Otis Elevator Co., 300 E Eighth St., awarded contract at approximately $6485 for furnishing and installing elevators in a Class A warehouse building to be erected at 107 S Rose St., for California Hardware Co. John C. Austin and Frederic M. Ashley, sixth floor Chamber of Commerce Bldg., architects.

Site Selected.
FACTORY Cost, $50,000
SAN LEANDRO, Alameda Co., Calif. Washington Ave. near Estabrook.
Calculating machine factory (262x72 feet).
Owner—Friden Calculating Machine Co. (Carl M. Friden, President).
Architect—Not Given.

Roofing Bids Being Taken
ALTERATIONS Cost, $70,000
SAN FRANCISCO. Seventh and Daggett Streets.
Alterations and additions to building for offices, etc. (steel frame, concrete floors, new elevator, steel sash, toilet facilities, transite siding on exterior, etc.)
Owner—Glidden Paint Co., 1300 7th St.
Engineer—T. Ronneberg, Crocker Building.
Supt. of Const.—E. L. Ralston, Glidden Co., 1300 7th St.
Bids are being received on asphalt gravel roofing by Mr. Ralston, Glidden Co., 1300 7th St.

Contract Awarded
ALTERATIONS Cost, $3,500
SAN FRANCISCO. 2601 Newhall St.
Alterations to industrial building.
Owner—General Brewing Corp., 2601 Newhall Street.
Engineer—Robert A. Hanson, 608 Indiana Street.
Contractor—Mortenson Const. Co., 19th and Indiana Sts.

Bids Wanted — To Close April 22, 7:30 P. M.
MACHINE SHOP Cost, $——
MODESTO, Stanislaus Co., Calif.
One-story machine shop.
Owner—City of Modesto.
Plans by City Engineer, Modesto.
Plans and specifications may be obtained from the City Engineer, Modesto, upon deposit of $10.

Plans Being Prepared
FACTORY Cost, $50,000
SAN LEANDRO, Alameda Co., Calif. Washington Ave. near Estabrook.
Calculating machine factory (262x72-feet).
Owner — Friden Calculating Machine Co. (Carl F. Friden, President).
Architect—Fred. H. Reimers, 233 Post St., San Francisco. *

Contract Awarded
FACTORY Cost, $250,000
SEATTLE, Wash. E. Marginal Way.
Airplane factory (204x304-feet) steel frame construction with insulated metal sheathing, sawtooth type roofing; one-story power house unit, 35x50-ft. (compressor equipment, transformers, etc.)
Owner — Boeing Airplane Co. C. L. Egtvedt, Pres.) 200 W Michigan St., Seattle.
Architect—Not Given.
Contractor—Austin Co., Dexter-Horton Bldg., Seattle. *

Plans To Be Prepared
WINERY Total Cost, $150,000
ACAMPO, San Joaquin County, Calif. Georgia Station.
New cooperative winery.
Owner—Cherokee Vineyard Assn.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Sub-Bids Being Taken.
ADDITION Cost, $4000
OAKLAND, Alameda Co., Cal. Fifty-ninth Street.
Addition to bakery.
Owner—Harry Soder.
Architect—L. F. Hyde, 372 Hanover St., Oakland.
Contractor—Oscar Soder, 941 Arlington St., Oakland.

5— FLATS

Owner Taking Bids
FLATS Cost, $14,000
SAN FRANCISCO. Taraval Street.
Two two-story frame and stucco flats (gas heating systems, hardwood floors, tile baths, etc.)
Owner—Eric Carlsen, % Warden Bros. Planing Mill, 2501 Army Street.
Architect—F. F. Amandes, 414 Dewey Boulevard.

To Be Done By Day's Work.
FLATS Cost, $10,000
SAN FRANCISCO. W Twenty-fifth Ave. N Fulton Street.
Two-story and basement frame and stucco flats.
Owner and Builder—T. I. Strand, 670 Victoria St., San Francisco.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

April 13, 1936

Bids Opened.
GARAGE Cost, $14,000
SEBASTOPOL, Sonoma Co., Calif.
One-story reinforced concrete garage at High School.
Owner — Analy Union High School District.
Architect—Louis Stone and Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Low Bidder—L. C. Dunn, Monadnock Bldg., San Francisco.
Complete bids follow:
L. C. Dunn, San Francisco.....$11,814
C. W. Shatto, Sebastopol..... 11,865
A. Nelson, Inc., S. F. 12,699
Oliver M. Rousseau, S. F..... 13,952
L. Dioguardi, Sebastopol..... 16,959
Recommendation made to the PWA that contract be awarded to L. C. Dunn, San Francisco, at $11,814.

Contract Awarded
SERVICE STATION Cost, $6,000
SAN FRANCISCO. NW Sixth and Harrison Streets.
Class C service station.
Owner—The Texas Co., 929 Broadway, Los Angeles.
Plans by Engineering Dept. of Owner.
Contractor—Fred J. Early, Jr., 369 Pine Street.

Construction Started.
GARAGE Cost, $16,500
DAVIS, Yolo Co., Cal. Campus of College of Agriculture.
One-story steel and concrete garage (100x74 ft.) (truck corps division).
Owner—State of California.
Architect — William Hayes, Crocker First National Bank Bldg., San Francisco.
Mgr. of Constr. — John Jacobson, Davis.

To Ask Bids Within One Week
SERVICE STATION Cost, $6,000
SAN FRANCISCO. SW 24th Avenue and Geary Street.
One-story steel service station.
Owner — General Petroleum Corp. of California, 310 Sansome Street.
Plans by Engineering Dept. of Owner.

Contract Awarded.
GARAGE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. No. 401 Y Street.
New garage building.
Owner — R. E. and Ray Ford, 2619 Land Park Drive, Sacramento.
Architect—Not Given.
Contractor—J. Johnson, Rt. 1, Box 1938 Sacramento.

7— FEDERAL BUILDINGS

BIDS WANTED
PORTLAND, Ore.—Until May 6, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing detention cells in the U. S. Court House at Portland.
Plans and specifications may be obtained from above office and from the Custodian of the building.

BIDS WANTED
REDWOOD CITY, San Mateo Co., Cal.—Until April 27, 10 A. M. (date changed from April 24) bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for furnishing insect screens for the post office at Redwood City.

LOW BIDDER
SAN FRANCISCO.—A. Ramazzotti, 1473 Vallejo Street, at $4,240 submitted low bid to Quartermaster, Presidio, San Francisco, for furnishing and installing a hot water system for buildings at the Presidio.

BIDS WANTED
BALBOA, Canal Zone. — Bids are being received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for the construction of three 4-family quarters at the Naval Radio Station at Balboa, Canal Zone. Work includes concrete construction; cast stone; brick and hollow tile; steel and iron work; metal studding and lathing; plaster and stucco; marble and tile; carpentry and millwork; screenings; plumbing, water heating equipment and electrical work. Spec. No. 8120. Estimated cost, $90,000.
Date of opening bids will be announced shortly.

BIDS OPENED
RENO, Nevada—Western Asbestoc Company, 675 Townsend St., San Francisco, at $1216 submitted low bid to Treasury Department for acoustical treatment on certain openings of the U. S. Attorney's Suite on the Third Floor of the U. S. Post Office, etc., at Reno, Nevada. Only other bid was submitted by Robt. L. Cramer Co., San Francisco, at $1452.

BIDS OPENED
MARE ISLAND, Cal.—R. P. Paoli, 2530 Lombard St., San Francisco, at $10,980 submitted low bid to the Public Works Officer, Mare Island Navy Yard for completion of painting five 450-ft. steel radio towers at the Navy Yard (Radio Station) Mare Island. Spec. No. 8096.

Complete bids follow:
R. P. Paoli, San Francisco.....$10,980
Edwin Anderson, San Francisco 12,741
Patterson Bros., Oakland..... 29,400
Bids held under advisement.

CONTRACT AWARDED
SAWTELLE, Los Angeles Co., Cal. —Reno Sheet Metal Works, 4407 San Fernando Road, Glendale, awarded a contract by Veterans' Administration Facility at $7115 for installation of ventilating equipment and sheet metal work in Bldgs. No. 156-57-58 at the Veterans' Hospital, Sawtelle.

Complete Bids.
POST OFFICE Cost, $67,000
TRACY, San Joaquin Co., Cal. 12th and East Adams Streets.
United States Post Office.
Owner—United States Government. ....
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—K. E. Parker Co., 135 South Park, San Francisco.
Complete bids follow:
K. E. Parker Co., S. F.....$51,492
Robert E. McKee, L. A..... 64,350
Dinwiddie Constr, Co., S. F..... 57,300
Wickes Engr. & Sons Co., Des Moines, Iowa 59,980
Robert McCarthy, S. F..... 60,000
Samuel Eyre, Tracy..... 62,896
Schuler & McDonald, Inc., Oakland 64,297
Bids held under advisement.

BIDS WANTED
CASPER-ALCOVA PROJECT, Wyo. —Until May 6, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 788-D, for furnishing and installing an electric freight elevator, with a total lift of 162.42 ft., for the outlet works at the Alcova Dam, Casper-Alcova Proj., Wyoming.
Specifications obtainable from the Bureau of Reclamation at Denver, or Casper, Wyo., without charge to prospective bidders; to others, $0.75 ,not returnable.

Low Bidders
POST OFFICE Cost, $65,000
SELMA, Fresno Co., Cal. NE North and High Streets.
U. S. post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Low Bidder—Wicks Engr. & Const. Co., 1441 Bluff St., Des Moines, Ia.
Three low bids follow:
(1) Job complete with steel windows;
(2) Job complete with wood windows, except skylights.
Wicks Engr. & Const. Co., Des Moines, Iowa .....(1) $58,800
.....(2) 58,000
Robt. E. McKee, L. A.....(1) 59,450
.....(2) 58,650
Schuler & McDonald, Oakland ..... (1) 67,490
.....(2) 67,790
Complete bids will be given shortly.

AWARD APPROVED
LODI, San Joaquin Co., Cal.—Treasury Department has approved boiler award to California Steel Products Co for the U. S. post office at Lodi. F. J. Reilly, San Francisco, general contractor.

CONTRACT AWARDED
SAWTELLE, Los Angeles Co., Cal. —Kimball Bros., 1579 West Jefferson Blvd., awarded contract at $3,625 by the U. S. Veterans Administration, Sawtelle, for installation of elevators for buildings Nos. 157-158.

BIDS WANTED
SAN FERNANDO, Los Angeles Co., Cal.—Until May 4, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. post office at San Fernando. Specifications may be obtained from above office and from the Custodian of the building at San Fernando.

BIDS WANTED
SAN RAFAEL, Marin Co., Calif.—Bids are being received by the Construction Engineer, San Rafael Post office, for basement changes in the U. S. Post Office, San Rafael.

AWARD APPROVED
MADERA, Cal. — Treasury Department approved the boiler award to California Steel Products Co. for the Madera Post Office. Frank J. Reilly, San Francisco, general contractor.

AWARD APPROVED
SALINAS, Monterey Co., Cal. — Treasury Department approved the award to California Steel Products Co. for furnishing and installing boiler in the U. S. Post Office at Salinas. Frank J. Reilly, general contractor.

CONTRACT AWARDED
CRESCENT CITY, Del Norte Co., Cal.—F. J. Maurer, Inc., Eureka, at $1,495 awarded contract by Bureau of Yards and Docks, Navy Department, for repairs and alterations to the dormitory and compass house and installation of road culverts at the U. S. Naval Direction Finder Station, Pt. St. George (Crescent City). Spec. No. 8148.

CONTRACT AWARDED
TABLE BLUFF, Humboldt Co., Cal. —Ole Johnson, Loleta, at $1,911.15 was awarded contract by Bureau of Yards & Docks, Navy Department, for miscellaneous repairs to the building and a new water tank at the U. S. Naval Radio Station, Table Bluff (Eureka). Spec. No. 8149.

8— CLUB BUILDINGS

Contract Awarded.
LODGE BLDG. Cont. Price, $45,751.50
MERCED, Merced Co., Cal. Nineteenth and M Streets.
One and one-half-story frame and stucco lodge building (lodge rooms, cafe, card rooms, lounge, gymnasium, banquet room and billiard room).
Owner—Merced Lodge of Elks.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.
Contractor—C. B. Cameron & Son, Box 244, Merced.
Contract includes electric, heating, plumbing and ventilating.
Complete bids published April 2.

Plans Being Completed
CLUBHOUSE Cost, $20,000
PASATIEMPO, Santa Cruz Co., Calif.
One-story frame and stucco clubhouse (living and dining room, 75 lockers, etc.) Spanish style.
Owner—Marion Hollins, Pasatiempo.
Architect—Clarence Tantau, 210 Post St., San Francisco.
Bids will probably be asked in about one week.

Preparing Working Drawings.
CLUBHOUSE Cost, $20,000
PASATIEMPO, Santa Cruz Co., Calif.
One-story frame and stucco clubhouse (living and dining room, 75 lockers, etc.) Spanish style.
Owner—Marion Hollins, Pasatiempo.
Architect—Clarence Tantau, 210 Post St., San Francisco.
Bids will be asked shortly.

9— HOSPITALS

Plans Awaiting PWA Approval.
NURSES' HOME Cost, $40,000
ATWATER, Merced Co., Calif.
One-story frame and stucco nurses' home, garage, landscaping, equipment, etc. (second unit).
Owner—City of Atwater.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.

Commissioned To Prepare Plans
HOSPITAL ADDN. Cost, $100,000
OAKLAND, Alameda Co., Cal. Webster and Hawthorne Streets.
Addition to hospital.
Owner—Merritt Hospital.
Architect—Masten & Hurd, 233 Post St., San Francisco.

CONTRACT AWARDED
SANTA MARIA, Santa Barbara Co., Cal.—Doane Building Co., 800 West Main St., Santa Maria, awarded contract at $31,700 (subject to PWA approval) by Santa Barbara County Supervisors for improvements to branch county hospital in Santa Maria. The work includes construction of a custodial ward to be a U-shaped structure with enclosed porches and bath and lavatory facilities, and a heating plant to be installed at a later date. Rudolph A. Polley, 611 E Cypress St., Santa Maria, architect.

Plans Completed.
HOSPITAL Cost, $20,000
COALINGA, Fresno Co., Calif.
One-story hollow tile fireproof hospital (15-18 beds).
Owner—Pleasant Valley Hospital Association.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Board of Directors is composed of: Hans R. Sumpf, chairman; F. J. McCollum, vice-president; V. D. Davis, treasurer; W. H. Grant, A. W. West, Arthur Blank and Phil Babel.
Loran C. Vanderlip, Secretary and V. D. Davis, chairman of solicitation and finance.

Planned
HOSPITAL Cost, $——
PASO ROBLES, San Luis Obispo Co., Calif.
New modern hospital building.
Owner—City of Paso Robles
Architect—Not Given.
Financial arrangements are now being discussed under the direction of George Liddle, B. J. Dougherty, Mrs. Walter Trager and Otto Kuehl.

PREPARING PLANS
ALTADENA, Los Angeles Co., Cal. —Architects Myron Hunt and H. C. Chambers, 1216 Continental Bldg., Los Angeles, are preparing preliminary sketches for a girls' preventorium to be erected at La Vina sanitarium, Altadena, for La Vina, Inc. The building will be of reinforced concrete construction, one-story in height. Further details will be announced later.

Low Bidder.
ALTERATIONS, ETC. Cost, $——
SALEM, Oregon.
Alterations and additions to State Tuberculosis Hospital.
Owner—State of Oregon.
Architect—L. L. Dougan and C. H. Wallwork, 415 Studio Bldg., Portland.
Low Bidder — Dougan Hammond Co., Rothschild Bldg., Portland, $81,780.

Plans Being Figured—Bids Close May 5th.
ADDITION Cost, $23,000
AUBURN, Placer Co., Calif.

One-story reinforced concrete ward addition to county hospital (80-bed ward); composition roofing, steel sash, steam heating system.
Owner—County of Placer.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $10.

Contract Awarded.
HOSPITAL Cont. Price, $59,947
CHICO, Butte Co., Calif. Esplanade bet. Fifth and Sixth Avenues.
One-story reinforced concrete hospital (245x40-feet; 50-bed capacity) tile roof, steam heating system, etc.; laboratory, surgery rooms, X - ray rooms and resident physician's offices.
Owner—Dr. N. T. Enloe.
Architect—Chester Cole, 4418 Second Street, Chico.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Mechanical Engineer—Albert A. Coddington, 222 Kearny St. San Francisco.
Contractor — Merrick Evans, Liberty Lane, Chico.

10— HOTELS

PLANS BEING FIGURED
LOS ANGELES, Cal.—Architect F. M. Tyler, 1002 S. Longwood Ave., is taking bids from a closed selected list of contractors for a three-story 58-room, frame and stucco hotel bldg. (162x79-feet) at 1443 North Crescent Heights Blvd. for W. H. Hay. Cost, $60,000.

Contract Awarded.
HOTEL Cost, $20,000
MERCED, Merced Co., Cal.—Golden State Highway, north of Merced City Limits.
One-story frame and stone hotel 20 rooms) Spanish style; cobblestone exteriors, plastered interior, etc.
Owner—J. W. Guest.
Architect—Not Given.
Contractor—J. B. Langley, Merced.

Contract Awarded.
SWIMMING POOL Cost, $8300
WOODSIDE, San Mateo Co., Calif.
Reinforced concrete swimming pool.
Owner—E. Wobber.
Architect — Albert Schroepfer, 244 Kearny St., San Francisco.
Contractor—H. H. Larsen, 64 South Park, San Francisco.

12— POWER PLANTS

BIDS WANTED
TUCSON, Ariz.—Until April 27, 10 A. M., bids will be received by the Board of Regents, University of Arizona, Tucson, for an addition to the power plant and for the erection of water tube boilers at the University at Tucson. Plans and specifications may be procured from the business office of the University, Room 200, Agricultural Bldg., upon deposit of $10. Jack B. Martin, secretary of the board.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Bids Opened
LIBRARY Cost, $14,000
SACRAMENTO, Sacramento Co., Cal. McKinley Park.
One-story reinforced concrete branch library.
Owner—City of Sacramento.
Architects—Harry Devine, California State Life Bldg., and Starks and Flanders, Forum Building, Sacramento.
Low Bidder—H. W. Robertson, 3004 F St., Sacramento.
Complete bids follow:
H. W. Robertson $14,980
Campbell Const. Co. 16,000
Azevedo Const. Co. 16,350
All of Sacramento.
Bids held under advisement until April 16.

14— RESIDENCES

To Be Done By Day's Work.
RESIDENCE Cost, $6500
SACRAMENTO, Sacramento Co., Cal. No. 2770 Thirteenth Street.
One-story and basement frame and stucco residence.
Owner and Builder—Joseph Pedone, 914 S St., Sacramento.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,500
PIEDMONT, Alameda Co., Calif. 92 Oakmont.
Two-story frame and stucco residence (six rooms).
Owner—Martha Windsor, 928 Kingston Ave., Piedmont.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.

Contract Awarded
RESIDENCE Cost, $7,000
MODESTO, Stanislaus Co., Calif.
Two-story frame and stucco residence (7 rooms) tile roof, gas heating system, steel sash, hardwood floors tile baths, etc.
Owner—Mr. Johnson.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—M. O. Ward, Rte. 1 Box 541, Modesto.

Contract Awarded
RESIDENCE Cost, $5,000
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One - story and basement frame and stucco residence (five rooms).
Owner—R. V. Flores.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. F. Matteck, 212 Clara St., San Francisco.

Low Bidder.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Calif. St. James Wood.
Two-story and basement frame and stucco residence.
Owner—Dr. Whitfield Crane.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder — E. Campomenosi, 6401 Broadway Terrace, Oakland.

Bids Opened.
RESIDENCE Cost, $4500
OAKLAND, Alameda Co., Cal. Montclair District.
One-story and basement frame and stucco residence (six rooms) tile roof, wood sash, hardwood floors, tile bath, etc.
Owner—R. C. Smith.
Architect — Ray Keefer, 770 Wesley Street, Oakland.
Low Bidder—A. T. Beckett, 224 Scenic Ave., Oakland.
Complete bids follow:
A. T. Beckett $5988
B. F. Woolley 6380
A. Holyoake 6900
C. H. Tharms 6929
All of Oakland.
Bids held under advisement.

Owner Taking Bids.
RESIDENCE Cost, $——
PITTSBURG, Contra Costa Co., Cal.
One and one-half-story frame and stucco residence (6 rooms) asbestos shingle roof, gas heating system, hardwood floors, tile bath).
Owner—E. H. Fischer, Pittsburg.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4500
RICHMOND, Contra Costa Co., Calif. Mira Vista Tract.
One-story & basement frame, stucco board and batten residence (5 rooms) shake roof, floor furnace, hardwood floors, etc.
Owner—Mr. Spattafore.
Architect—James Narbett, 462 31st St. Richmond.
Contractor—R. Garcia, % Architect.

Contract Awaarded.
RESIDENCE Cost, $4000
PITTSBURG, Contra Costa Co., Calif.
One-story frame and stucco residence (5 rooms) tile and composition roofing, floor furnace, wood sash, hardwood floors, etc.
Owner—Mr. Scholl.
Architect—Jas. Narbett, 462 31st St., Richmond.
Contractor—Russell P. Cataline, 59 W. 8th St., Pittsburg.

Contract Awarded.
RESIDENCS Cost, $7500
RICHMOND, Contra Costa Co., Calif. Mira Vista Tract.
Two-story and basement frame and stucco residence (7 rooms and 3 baths) tile, tar and gravel roofing, central heating plant, steel sash, hardwood floors, tile baths, etc.
Owner—David Rose.
Architect—Jas. Narbett, 462 31st St., Richmond.
Contractor — Elmer J. Freethy, 224 16th St., Richmond.

Contract Awarded.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Piedmont Estates.
Two-story and basement frame and stucco residence (11 rooms and 4 baths) tile roof, steel sash, hardwood floors, tile baths, etc.
Owner—Dr. W. McGrath.
Architect—E. L. Snyder, 2101 Addison St., Berkeley.
Contractor—George A. Windsor, 928 Kingston Ave., Piedmont.

Low Bidder.
RESIDENCE Cost, $3200
RICHMOND, Contra Costa Co., Calif. Mira Vista Tract.
One-story and basement frame and stucco residence (5 rooms) tile & composition roofing, floor furnace, hardwood floors, wood sash, etc.
Owner—Mr. Shea.
Architect—Jas. Narbett, 462 31st St., Richmond.
Low Bidder—C. L. Theis, 1937 Garvin Ave., Richmond.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Cal. No. 126 Woodland Ave.
Two-story and basement frame and stucco residence (8 roomts).
Owntr—M. C. Beebe, 1251 Sunnyhills Road, Piedmont.
Architect—F. L. Confer, 3149 Claremont Ave., Berkeley.
Contractor — Irving L. Graves, 631 Valle Vista Ave., Oakland.

Contract Awarded.
RESIDENCE $8500
PALO ALTO, Santa Clara Co., Calif. No. 2061 Tasso Street.
Two-story and basement frame and stucco residence.
Owner—Harley C. Gregg, 319 Bryant St., Palo Alto.

Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor—R. C. Knight, 495 Bailey Ave., Mt. View.

Contract Awarded.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. No. 300 Santa Rita Avenue.
Two-story and basement frame and stucco residence.
Owner—C. E. Schink, 2299 Tasso St., Palo Alto.
Architect — Birge and David Clark, 310 University Ave., Palo Alto.
Contractor—Aro & Okerman, Box 433, Palo Alto.

Contract Awarded
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Calif. 185 Dana Street.
One - story and basement frame and stucco residence.
Owner—A. C. Ey, 520 Bowdion Street Palo Alto.
Architect—Not Given.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
PALO ALTO, Santa Clara Co., Calif. 350 Sequoia Avenue.
One - story and basement frame and stucco residence.
Owner and Builder—I. E. Nelson, 526 Addison Ave., Palo Alto.
Architect—Not Given.

PLANNED
PIOCHE, Nevada — Announcement has been made by George Friedhoff, Nevada State Administrator for the Federal Housing Administration that plans are being completed for building a large number of new homes at Pioche for workers who will be employed there following the completion of the power line from Boulder dam. The Snyder interests are forming a corporation to finance the down payment necessary to obtain funds from the FHA. It is planned to ultimately build 900 homes on the site near Pioche.

Additional Sub-Contracts Awarded
RESIDENCE Cont. Price, $40,280
SAN FRANCISCO. Pacific Ave. and Pierce Street.
Three - story frame, stucco and brick veneer residence.
Owner—Mortimer Fleishhacker, Jr.
Architect—W. W. Wurster, 260 California Street.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Lathing and Plastering—Robt. David, 1714 Lombard Street.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard Street.
Tile and Rubber Tiling—American Art Tile Co., 231 Franklin St.
Other awards previously reported.

Sub-Bids Being Taken.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif.
One-story and basement frame and stucco residence (5 rooms); shake roof, gas heating system, hardwood floors, wood sash, tile baths, etc.
Owner and Builder—Bruce Sweeney, 700 Costa Rica Ave., San Mateo.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Plans Being Prepared.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma Co., Calif.
One and one-half -story frame and stucco residence (6 rooms) English type, shingle roof, oil burning heating system, wood sash, hardwood floors, etc.
Owner——M. Kingsbury.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contract Awarded.
RESIDENCE Cost, $30,000
RENO, Washoe Co., Nevada. N end of Sierra Street.
Two-story residence.
Owner—N. B. Herman, Reno.
Architect—Not Given.
Contractor—Walker J. Boudwin, Gazette Bldg., Reno.

Bids Opened
RESIDENCE Cost, $8,000
SAN FRANCISCO. Twenty - seventh Avenue near El Camino del Mar.
Two - story frame residence (7 rooms, two baths) asbestos shingle siding on walls) asbestos shingle roof, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. D. M. Campbell.
Architect—Arnold Constable, 580 Market Street.
Low Bidder—E. J. Lehman, 782 Elizabeth Street.
Complete bids follow:

E. J. Lehman	$8,042
Charles Roberts	8,242
Moore & Roberts	8,591
Fred DuPuy	8,750
Peter Sartorio	8,967
Don Nicholson	8,998
Sherwood Building Company	9,400
Moore & Madsen	9,827

Contract to be awarded to the low bidder.

Low Bidder.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame residence (Monterey-Colonial type; 5 rooms) shingle roofing, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Low Bidder — Chas. Ungaretti, 1727 Foothill Blvd., Oakland.

Plans Being Figured
RESIDENCE Cost, $15,000
HAYWARD, Alameda Co., Calif.
Two-story rustic residence (10 rooms, 5 baths) shingle roof, gas heating system, hardwood floors, tile baths wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.

Low Bidder
RESIDENCE Cost, $——
RIO DEL MAR, Santa Cruz Co., Cal.
One - story brick week-end cottage (4 rooms) flat roof, etc.
Owner—Wm. Binder.
Architect—Binder & Curtis, 35 West San Carlos, San Jose.
Low Bidder—E. Nommensen, 315 So. 17th St., San Jose.

Contract Awarded
RESIDENCE Cost, $6890
OAKLAND, Alameda Co., Cal. Oakmore Manor.
Two-story frame and stucco residence
Owner—H. E. Troxed, 3040 E-19th St. Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Victor Sigge, 3912 Linwood Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $20,000
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two - story frame and brick veneer residence.
Owner—George Harlow.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
SAN FRANCISCO. N Lawton St. W 15th Avenue.
Two - story and basement frame and stucco residence.
Owner—Henry E. Routh, 178 De Sota.
Architect—A. A. Cantin, 222 Kearny.
Engineer—L. H. Nishkian, 525 Market Street.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO. Hudson and Donahue Streets.
One - story and basement frame and stucco (five rooms).
Owner — Mr. Gianfranceschi, 1875 Greenwich Street.
Architect—D. E. Jaekle, 126 Post St.
Contractor—Jos. Cresci, 733 Columbus Avenue.

Contract Awarded
RESIDENCE Cost, $15,000
WOODSIDE, San Mateo Co., Calif. Moore Estate.
Two - story and basement frame and stucco residence.
Owner—Willard Classen.
Architect—Not Given.
Contractor—Wells P. Goodenough, 560 Lowell Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $3,500
SAN ANSELMO, Marin Co., Calif.
One - story and basement frame and stucco residence.
Owner—J. P. W. Greenhill, 119 Summit St., Mill Valley.
Architect—Not Given.
Contractor—Adams Bros., 2218 21st Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. S Pacheco Street W Tenth Avenue.
One - story and basement frame and stucco residence (five rooms and sunporch) terra cotta tile roofing, wood sash, gas heating system, hardwood floors, tile bath, etc.
Owner—Grace Cheatham.
Architect—F. W. Dakin, 625 Market.
Contractor—J. Dawson, 1507 Lincoln St., Berkeley.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. 40 Avenue South Judah Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger, 320 Judah Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $14,000
PIEDMONT, Alameda Co., Cal. No. 538 Blair Avenue.
Two-story and basement frame and stucco residence (9 rooms and 3 baths).
Owner—H. R. Gaither, 215 Ramona Ave., Piedmont.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—Sigwald Bros., 538 Blair Ave., Piedmont.

Contract Awarded.
RESIDENCE Cost, $15,000
PIEDMONT, Alameda Co., Cal. No. 519 Hampton Avenue.
Two-story and basement frame and stucco residence (10 rooms and 3 baths).
Owner—E. Kinney, Lennox Apartments, Oakland.
Architect—Not Given.
Contractor—C. M. Telglund, 4668 Dolores Ave., Piedmont.

Contract Awarded
RESIDENCE Cost, $7,169
HAYWARD, Alameda Co., Calif. N. Prospect, E Sunset Blvd.
Two-story frame and stucco residence
Owner—Irene and J. M. Schribner, Hayward.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—George Sund, 21696 Montgomery Ave., Hayward.

To Be Done By Day's Work
RESIDENCES Cost, $——
SAN FRANCISCO. 39th Ave. South Judah Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger, 320 Judah Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $——
KENTFIELD, Marin Co., Cal. Del Mesa Tract.
One-story and basement frame and stucco residence.
Owner—J. M. Edwards, Ross.
Architect—Arthur H. Lamb, 557 Market St., San Francisco.
Contractor—Mastercraft Homes, 557 Market St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Calif. 50 Beechwood Drive.
Two - story and basement frame and stucco residence (9 rooms).
Owner and Builder—Chas. E. Bardwell, Jr., 794 Calmar Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. W 32nd Avenue N Santiago.
Two 1-story and baement frame and stucco residences.
Owner and Builder—Bernhardt & Cowen, 924 Taraval Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $13,000
PALO ALTO, Santa Clara Co, Calif. 505 California Avenue.
Two - story and basement frame and brick vencer residence.
Owner—C. W. Stump, Mountain View.
Architect—Not Given.
Contractor—F. J. Simpson, Box 137, Los Altos.

Plans Being Completed
RESIDENCES Cost, $——
VALLEJO, Solano Co., Calif. Home View Tract (20-acre site).
Group of frame and stucco residences.
Owner—I. Z. Hill, 512 Capitol Street, Vallejo.
Plans by J. C. Parsons, % owner.
Mgr. of Const.—I. Z. Hill, 512 Capitol St., Vallejo.
Sub-bids will be asked within a few days.

Contract Awarded
RESIDENCE Cost, $6,000
STOCKTON, San Joaquin Co., Calif. West Moore's Addition.
One-story frame and stucco residence (five rooms) shingle roof, gas furnace, steel sash, hardwood floors.
Owner—American Legion Post No. 16.
Architect—J. U. Clowdsley, Exchange Building, Stockton.
Contractor—Paul Dobson, 1150 West Harding Way, Stockton.

Contract Awarded.
RESIDENCE Cost, $6000
SAN JOSE, Santa Clara Co., Calif. No. 1240 Shasta Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—Henri Huyard, 370 North 6th St., San Jose.
Architect—Not Given.
Contractor — F. Bonaccorso, Rt. 2, Box 690, Capitol Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $6500
SAN FRANCISCO. E Thirty-fifth Ave. 100 S Ulloa Street.
One-story and basement frame and stucco residence.
Owner—Mrs. Delphine McEwen, 740 Clayton St., San Francisco.
Architect—Vincent Buckley, 525 Market St., San Francisco.
Contractor — Frank J. Sandino Jr., 2645 Sacramento St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6500
PALO ALTO, Santa Clara Co., Calif. No. 187 Middlefield Road.
One-story and basement frame and stucco residence.
Owner—R. O. Bolman, 545 Ramona St., Palo Alto.
Architect—Not Given.
Contractor—A. A. Smith, 130 Byron St., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $7500
PALO ALTO, Santa Clara Co., Calif. No. 691 Seale Avenue.
Two-story and basement frame and stucco residence.
Owner—R. O. Bolman, 545 Ramona St., Palo Alto.
Architect—Not Given.
Contractor—A. A. Smith, 130 Byron St., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 21 El Carmela Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner—M. P. Jessen, 4749 Walnut St., Oakland.
Architect—Not Given.
Contractor—O. W. Johnson, 4237 Atlas Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $4500
OAKLAND, Alameda Co., Calif. E Tenth St., S Hearst Avenue.
Two-story frame residence (6 rooms)
Owner—Harry Soder.
Architect—L. F. Hyde, 372 Hanover St., Oakland.
Contractor—Oscar Soder, 841 Arlington Ave., Oakland.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. W Sixth Avenue at Presidio Wall.
Alterations to residence.
Owner—John A. McGregor.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market Street

Sub-Contracts Awarded.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. No. 860 Hilldale Avenue.
Two-story frame and stucco residence (six rooms).
Owned—A. F. Haskell, 866 Regal Rd., Berkeley.
Architect—C. A. Phillips, 526 Powell St., San Francisco.
Contractor—T. D. Courtright, 349 51st St., Oakland.
Plumbing—J. A. Fazio, 2059 Webster St., Oakland.
Electric Wiring — Fred Schmits, 428 Moss Ave., Oakland.
Heating—Harer & Perry, Oakland.
Tile Work — Superior Tile Co., 3743 Broadway, Oakland.
Glass—East Bay Glass Co., 621 Sixth St., Oakland.
Iron Grille Work—James Eandi, 1339 62nd Ave., Oakland.
Brick Work — George Addison, 4000 Maybelle Ave., Oakland.
Lathing & Plastering—Enrich Koenig 1521 54th St., Oakalnd.
Wood Sash — Pacific Mfg. Co., 1315 17th St., Oakland.
Hardware — Maxwell Hardware Co., 1320 Washington St., Oakland.
Lumber—W. K. Wood Lumber Co., Oakland.
Painting—Pacific Painting & Decoraing Co., 5114 Telegraph Ave., Oakland.
Flooring—Frank Ambrise, Oakland.

Plans Being Figured—Bids Close April 24, 4:30 P. M.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Calif.
One - story and basement frame and stucco residence (five rooms).
Owner—Mrs. James Barr, 1630 Scenic Ave., Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids are being taken from a selected list of contractors.

To Be Done By Day's Work.
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. W 32nd Avenue S Kirkham Street.
Two one - story and basement frame and stucco residences.
Owner & Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. E 28th Avenue S Rivera Street.
Two one - story and basement frame and stucco residences.
Owner & Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given.

Low Bidder
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Piedmont Estates.
Two - story and basement frame and stucco residence (11 rooms and 4 baths) tile roof, steel sash, hardwood floors, tile baths, etc.
Owner—Dr. W. McGrath.
Architect—E. L. Snyder, 2101 Addison St., Berkeley.
Low Bidder—Geo. A. Windsor, 928 Kingston Ave., Piedmont.

Plans Being Completed.
RESIDENCES Cost, $7000 each
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd.
Three two-story frame and stucco residences (6 rooms, 2 baths each) shingle roof, steel sash, tile baths, hardwood floors, gas heating system, etc.
Owner and Builder—Randolph Parks, 1817 Yosemite St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Sub-bids will be asked in about one week.

Plans Being Completed.
RESIDENCE Cost, $7500
VALLEJO, Solano Co., Calif.
One-story and basement frame and stucco residence (7 rooms and 2 baths) shingle roof, hardwoood floors, tile baths, wood sash, gas heating system, etc.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley Street, Oakland.
Bids will be asked in about 1 week.

Plans Being Completed.
RICHMOND Cost. $6500
RICHMOND, Contra Costa Co., Calif
Two-story and basement residence (6 rooms and 2 baths) shake roof, plaster, board and batten exterior,

hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — James Narbett, 462 31st St., Richmond.
Bids will be asked shortly.

Contract Awarded.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Thirty-third Ave. S Vicente St.
Three one-story and basement frame and stucco residences.
Owner—Henry Horn, 170 Upland Dr., San Francisco.
Architect—D. E. Jackle, 126 Post St., San Francisco .
Contractor—Morris & Debret, 95 Pinehurst Way, San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Twenty-eighth Ave. N Rivera St.
Two one-story and basement frame and stucco residences.
Owner and Builder—N. E. Jornhon, 666 Mission St., San Francisco.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $16,400
SAN MATEO, San Mateo Co., Calif. Moore Estate.
Two - story and basement frame and stucco residence.
Owner — Willard J. Classen, et al, Atherton.
Architect—Not Given.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $——
BURLINGAME, San Mateo Co., Calif.
Two-story and basement all wood frame residence (8 rooms and 2 baths) shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner——Mr. Cuhe.
Architect—Leo Sharps, 1404 Burlingame Ave., Burlingame.
Contractor—C. H. Bessett Bldg. Co., 826 Walnut Ave., Burlingame.

Plans Being Figured—Bids Close April 25, 10 A. M.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Calif. Euclid Avenue.
Two-story frame and stucco residence (6 rooms) shingle roof, gas warm air heating system, wood sash, hardwood floors, etc.
Owner—H. J. Baker.
Architect — B. Reede Hardman, 2068 Allston Way, Berkeley.

Plans Being Figured.
RESIDENCE Cost, $——
SAUSALITO, Marin Co., Calif.
One-story rustic and stucco residence (five rooms) shingle roof, paneled and plastered interior, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $30,000
RENO, Washoe Co., Nev. North end Sierra Street.
Two-story residence.
Owner—N. B. Herman, Reno.
Architect—Paul Williams, 3839 Wilshire Blvd., Los Angeles.
Contractor—Walker J. Boudwin, Gazette Bldg., Reno.
Plumbing—Earl Humes.
Electric Wiring—Howell Electric Co.
Heating and Sheet Metal—Reno Sheet Metal Works.
Tile Work—Fischer Tile & Marble Co.
Glass—Alpine Glass Company.
Iron Grille Work — Reno Blacksmith Shop.
Brick and Stone Work—Ward Bros.
Lathing and Plastering—Ernie Douglas.
Lumber & Wood Sash—Home Lbr. Co.
Hardware—Commercial Hardware Co.
Painting—L. D. Saunders.
Concrete—I. Christensen.
Flooring—Ted Geister.
Reinforcing Steel—Reno Blacksmith Shop.
All of Reno.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. 5680 Amy Drive.
One - story and basement frame and stucco residence (six rooms).
Owner & Builder—C. J. Pfrang, Claremont Ave., Oakland.
Arcitect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. 1925 Oakcrest Drive.
Two - story and basement frame and stucco residence (six rooms).
Owner and Builder—H. J. Kennedy, 1140 Chatham Road, Oakland.
Architect—F. H. Slocombe, 331 Monte Cresta Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Calif. Le Conte and Hearst Avenues.
Two- and three - story cement block and brick veneer residence (ten rooms and 3 baths) tar and gravel roof, steel sash, hardwood floors, tile baths, etc.
Owner—Joseph Harris.
Architect—John Anthony, 1849 Arch Street, Berkeley.
Contractor—S. M. Shapero, 1849 Arch Street, Berkeley.

Bids Being Taken.
RESIDENCE Cost, $——
SAN MATEO, San Mateo Co., Cal.
Two-story frame and stucco residence (6 rooms and 2 baths) shake roof,, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—Mendo Corp., % E. A. Jensen).
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Completed.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. Forty-sixth Ave. and Balboa Street.
Three one-story and basement frame and stucco residences (5 rooms each) flat tile roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder — E. A. Janssen, Hearst Bldg., San Francisco.
Architect—D. E. Jackle, 126 Post St., San Francisco.
Sub-bids will be taken shortly.

Contract Awarded.
RESIDENCE Cost, $5500
LOS ALTOS, Santa Clara Co., Calif.
Two-story frame residence (split shake roof, etc.)
Owner—Milton Clark.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—Henry Papenhausen, 595 Victoria St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $4000
SAN FRANCISCO. Twenty - eighth Ave. and Ulloa Street.
One-story and basement frame and stucco residence (5 rooms) tile roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner and Builder—N. W. Anderson, 2427 24th Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Preparing Working Drawings.
RESIDENCE Cost, $——
LAFAYETTE, Contra Costa Co., Cal.
Two-story adobe residence(8 rooms, 3 baths) probably composition roofing, oil burning heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — B. Reede Hardman, 2068 Allston Way, Berkeley.
Bids will be asked in about two weeks.

Plans Being Prepared.
RESIDENCE Cost, $10,000
SAN FRANCISCO. Maywood Street.
Two-story and basement frame and stucco residence (7 rooms and 3 baths) composition roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—H. Seamen.
Architect—Conrad Kett, 519 California St., San Francisco.
Contractor — Paul Wolter, 72 Fernwood Drive, San Francisco.
Sub-bids will be taken in ten days.

Sub-Bids Being Taken.
RESIDENCE Cost, $8500
SAN FRANCISCO. Maywood Drive.
Two-story and basement frame and stucco residence (7 rooms, 2 baths) shake tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc. (Monterey-Colonial style).
Owner and Builder — Paul Wolter, 73 Fernwood Drive.
Architect—Conrad Kett, 519 California Street.

Contract Awarded
RESIDENCE Contract Price, $8,042
SAN FRANCISCO. Twenty - seventh Avenue near El Camino del Mar.
Two - story frame residence (7 rooms, two baths) asbestos shingle siding on walls) asbestos shingle roof, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. D. M. Campbell.
Architect—Arnold Constable, 580 Market Street.
Contractor—E. J. Lehman, 782 Elizabeth Street.
Complete bids published April 13.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN RAFAEL, Marin Co., Cal. Westland Park.
Two-story and basement frame and stucco residence.
Owner—Joseph F. Soldavini, San Rafael.
Architect—Not Given.
Contractor—Jos. F. Childs, 30 Carmelita Ave., Mill Valley.

15— SCHOOLS

LOW BIDDER
LOS ANGELES, Cal.—Jack Ewins, 10,385 Almayo Ave., submitted low bid to Los Angeles board of education at $3180 for painting and miscellaneous work on the shop, administration and home economics buildings at Gardena high school, Normandie Ave. and Gardena Blvd.

To Ask Bids Shortly
SCHOOL Cost, $30,000
DELANO, Kern Co., Calif.
One-story reinforced concrete grammar school (4 classrooms) wood floors, etc.
Owner—Delano Grammar School Dist.
Architect—E. J. Symmes, Haberfelde Bldg., Bakersfield.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Planned.
SCHOOL Cost, $35,000
SACRAMENTO, Sacramento Co., Cal. Theodore, Judah, San Miguel Way and D St.
New school building (6 classrooms).
Owner—Sacramento City School Dist.
Architect—To Be Selected.

BIDS WANTED
PHOENIX, Ariz. — Until April 22, 7:30 P. M., bids will be received by Maricopa County School District No. 1 for an addition to the Lowell School in Phoenix, a PWA project. Plans may be obtained from the superintendent of schools, 331 N. First Ave., Phoenix, or at the office of Architect Orville A. Bell, 321 Heard Building, Phoenix, Ariz., upon deposit of $10. Certified check for 5% must accompany each bid.

CONTRACT AWARDED
LOS ANGELES, Cal.—H. J. McKinley, 9305 Burton Way, Beverly Hills, awarded contract by Los Angeles Board of Education at $2150, for painting and miscellaneous work for the administration building ,including academic unit and cafeteria) at the Thomas Jefferson High School, 1319 E. 38th St.

CONTRACT AWARDED
LOS ANGELES, Cal. — Patterson Bros., Builders' Exchange Bldg., Oakland, awarded contract by Los Angeles Board of Education at $3940, for painting and miscellaneous work on administration and liberal arts building, science, arts, cafeteria and shop buildings at George Washington High School, 10,860 S. Denker Ave. bids published March 20.

CONTRACT AWARDED
LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 East 18th St., awarded contract at $1025, for painting and miscellaneous work on shops No. 2 and No. 3 at Venice High School, Cor. Venice Blvd. and Walgrove Avenue, Venice.

CONTRACT AWARDED
LOS ANGELES, Cal. — Angelus Painting & Decorating Co., 2311 Riverdale Ave., awarded contract by Los Angeles Board of Education at $1755 for painting and miscellaneous work on the 1928 portion of the main building at Riggin Avenue School, 4865 Riggin Avenue.

New Bids Wanted—To Close April 22, 2:30 P. M.
SHOPS Cost, $——
SAN FRANCISCO. Fillmore St. bet. Bay and Chestnut Sts.
Machine shops at the Marina Junior High School.
Owner—City and County of San Francisco.
Architects—Geo. Kelham, 315 Montgomery St. and W. P. Day, Financial Center Bldg., San Francisco.
Bids are being taken as follows:
General Work, including mechanical and electric: Est. cost, $220,000; deposit for plans, $100.
General work only: $188,000; $50.
Mechanical equipment & plumbing, $24,000; $25.
Electric. $8000; $25.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall.
Bids previously received were reported December 19.

Bids Opened
MANUAL TRAINING SHOP Cost. $——
MONTEREY, Monterey Co., Cal. Pacific Street.
One - story fireproof manual training shop (forge).
Owner—Monterey Elementary School District.
Architects—Roland Stringham and John Evers, 525 Market St., San Francisco.
Low Bidder—M. J. Murphy, Carmel.
Complete bids follow:
M. J. Murphy, Carmel.....$6,958
John Taufner, Monterey..... 7,190
Harold Geyer, Monterey..... 7,887
Wm. Sweeney, Pacific Grove..... 7,959
Bids held under advisement.

Planned
GYMNASIUM Cost, $——
SAN FRANCISCO. Turk and Stanyan Streets.
New gymnasium.
Owner—St. Ignatius High School.
Architect—Not Given.
A drive is now under way to raise funds to finance proposed work.

CONTRACT AWARDED
LOS ANGELES, Calif. — Patterson Bros., Builders' Exchange Building, Oakland, awarded contract by the Los Angeles board of education at $835, for painting and miscellaneous work on Units No. 1 and 2 at Hammell St. school, 438 N. Brannick St.

PROJECTS CANCELLED
LOS ANGELES, Cal.—Los Angeles board of education has cancelled the following projects and they have been eliminated from the March 2, 1936 "Estimate of Costs" on Docket 1014-R: Annandale school, 6930 N. Figueroa St., classroom building, $60,000; Clifford Street school, 2147 Clifford St., classroom building and auditorium, $94,500; Hollywood high school, 1521 N Highland Ave., reconstruction and strengthening of the girls' gymnasium building, $51,000; Jefferson high school, 1319 E 38th St., new boys' and girls' physical education building, $98,000; Los Feliz school, 4737 Hollywood Blvd., reconstruction and strengthening of annex building, $31,500; Lankershim school, 5250 Bakman St., North Hollywood, classroom building, $66,000; Palo Verde school, 1029 Effie St., reconstruct and strengthen Bldg. No. 1, $40,400.

LOW BIDDER
LOS ANGELES, Calif.—Harvey A. Nichols, 936 E Slauson Ave., submitted low bid to Los Angeles board of education at $68,989, for the reconstruction, rehabilitation and strengthening of the 1926 portion of the main building at 97th Street school, 400 W 97th St. Paul C. Pape, 2153 N Highland Ave., architect, and David H. Merrill, 580 I. W. Hellman Building, structural engineer.

Plans Being Prepared.
SCHOOL Cost, $675,000
BELLINGHAM, Washington.
Two and three-story high school (458x 353 feet) 44 classrooms, auditorium, boys' and girls' gymnasium, etc. (concrete construction).
Owner—Bellingham School District.
Architect—F. A. Naramore, Central Bldg., Seattle.
Bids will be asked in about sixty days.

Sub-Contracts Awarded.
GYMNASIUM Cont. Price, $15,090
MODESTO, Stanislaus County, Calif. Roosevelt Elementary School.
Construct portion of boys' gymnasium at Roosevelt Elementary School.
Owner—Modesto City School District.
Architect—J. J. Donovan, 950 Parker St., Berkeley.
Contractor—L. Ubels, Ripon.
Roofing—Central Roofing & Insulation Co., Modesto.
Plumbing & Heating—Hansen's, Modesto.
Sheet Metal and Electric — Hansen's Modesto.
Glass—Central Glass Co., Modesto.
Finish Hardware—Turner Hardware & Implement Co., Modesto.
Painting—A. J. Felt, Modesto.
Reinforcing Steel—Kyle & Co., Stockton.

LOW BIDDERS
LOS ANGELES, Cal.—P. J. Walker Co., 3900 Whiteside Ave., submitted low bid on general contract to Regents of the University of California, at $195,459, for construction of a two-story administration building and a one-story bus station at the university campus in Westwood. Low bidders on other contracts were: Moore Electric Co., 321 W. Third St., Los Angeles on the electric wiring at $33,386; Lonman Bros., 232 S. Spring St., Los Angeles, on the combination bid on plumbing, heating and ventilating at $89,300. Allison & Allison, 1014 Edison Bldg., Los Angeles, Architect. *

New Bids Wanted—To Close April 27, 8 P. M.
CLASSROOM UNIT Cost, $75,000
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Brick classroom unit (17 classrooms; second unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.
On previous bid opening lowest bid was submitted by Wm. C. Keating, Sacramento at $116,400. Complete

Sub-Contracts Awarded.
SCHOOL Cont. Price, $76,229
NEVADA CITY, Nevada Co., Calif.
One-story frame and stucco elementary school (13 classrooms and auditorium to seat 300) steam heating system, pine and maple floors)
Owner — Nevada City Elementary School District.
Architect—Wm. Mooser, Monadnock Bldg., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Meyer Bros., 735 Portola Drive, San Francisco.
Miscellaneous Iron—Alling Iron Wks., Fifth and X Sts., Sacramento.
Hardwood Floors — Acme Floor Co., 1051 Mission St., San Francisco.
Window Hardware—Universal Window Co., 950 Parker St., Berkeley.
Blackboards and Cork — American Seating Co., 521 Mission St., San Francisco.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.
Metal Partitions—Price Building Specialties Co., 35 Stillman St., San Francisco.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Roofing—Tom Brown, Grass Valley.
Plastering—James Patt, 36 Day St., San Francisco.
Glass — Diamond Match Co., Grass Valley.
Painting—J. J. Burdon, 3817 Forest Hill Ave., Oakland.
As previously reported, reinforcing steel awarded to Truscon Steel Co., 604 Mission St., San Francisco; electric to United Elec. Constr. Co., 1190 Bryant St., S. F., $5247; plumbing, heating and ventilating to Scott Co., 243 Minna St., S. F., $15,789.

LOW BIDDER
LOS ANGELES, Cal.—H. J. McKinley, 9305 Burton Way, Beverly Hills, submitted low bid to Los Angeles Board of Education at $2150, for painting and miscellaneous work on the administration building (includ-

ing academic unit) and cafeteria at Thomas Jefferson High School, 1319 East 38 Street.

Plans Being Prepared.
KINDERGARTEN Cost, $——
MERCED, Merced Co., Calif.
One-story frame kindergarten building.
Owner—Merced School District.
Architect — Ernest Kump, Rowell Bldg., Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans Completed.
MUSIC BLDG. Cost, $10,000
TURLOCK, Stanislaus Co., Calif.
One-story frame and stucco music building.
Owner — Turlock Union High School District.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans will be forwarded to the State Division of Architecture, Sacramento for approval within a few days.

CONTRACT AWARDED
LOS ANGELES, Cal.—Duff & Vandenhoogen, 733 W 14th Street, Long Beach, awarded general contract by Long Beach board of; education at $40,465, for construction of the Signal Hill school building. Clarence N. Aldrich, 1834 Dawson Avenue, Long Beach, architect.

LOW BIDDER
LOS ANGELES, Calif. — Patterson Bros., Builders' Exchange Building, Oakland, submitted low bid to the Los Angeles board of education at $2073, for painting and miscellaneous work on the science building at Benjamin Franklin high school, 820 N Avenue 54.

BOND ELECTION
PALO ALTO, Santa Clara Co., Cal. —Palo Alto School District will vote on May 14, on a proposal to issue bonds in the amount of $360,000, proceeds to finance construction of new school buildings and facilities and a new Junior High School. Preliminary plans call for two-story reinforced concrete Junior High School to accommodate 1000, administrative office, 27 classrooms, boys' and girls' gymnasium, auditorium to seat 1000, cafeteria to accommodate 600 and library.

CONTRACT AWARDED
LOS ANGELES, Cal.—K. R. Bradley Const. Co., 1833 W Pico Blvd., awarded contract at $97,755 by Los Angeles board of education for a 1-story assembly hall to be erected at Alexander Hamilton high school, 2955 Robertson Blvd., West Los Angeles. John C. Austin and Frederic M. Ashley architects; G. H. Schulte, sixth floor, Chamber of Commerce Building, structural engineer; Ralph E. Phillips 816 W Fifth St., mechanical engineer and C. A. Sanborn & Co., electrical engineers, 357 S. Hill St.

NEW BIDS WANTED
LOS ANGELES, Cal.—Until April 22, 2 P. M., new bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for painting and miscellaneous work on Unit No. 2 at the 66th St. school, 309 E 67th St. Est. cost, $2800.

BIDS REJECTED
LOS ANGELES, Cal.—Los Angeles board of education rejected all bids for painting and miscellaneous work on the administration building (including academic unit) and cafeteria at Thomas Jefferson high school.

LOW BIDDER
LOS ANGELES, Calif.—Patterson Bros., Builders' Exchange Bldg., Oakland, submitted low bid to the Los Angeles board of education at $835, for painting and miscellaneous work on Units No. 1 and No. 2 at Hammel Street school, 438 N Brannick St.

LOW BIDDER
LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E. 18th St., submitted low bid to the Los Angeles board of education at $1025 for painting and miscellaneous work on shops No. 2 and No. 3 at Venice high school, corner of Venice Boulevard and Walgrove Ave., Venice.

LOW BIDDER
LOS ANGELES, Calif.—Patterson Bros., Builders' Exchange Bldg., Oakland, submitted low bid to Los Angeles board of education at $3940, for painting and miscellaneous work on the administration and liberal arts building, science, arts, cafeteria and shop buildings at George Washington high school, 10,860 S. Denker Ave.

CONTRACT AWARDED
COOLIDGE, Ariz.—The PWA has approved award of contract to P. W. Womack, Phoenix, and will start immediately for the construction of a new school building in Coolidge. The building will be a two-story structure, containing ten classrooms, combination gymnasum and auditorium, shower, dressing rooms and office; frame and stucco construction, tile roofing, heating plant, etc. Orville A. Bell, Heard Bldg., Phoenix, architect. 5

CONTRACT AWARDED
LOS ANGELES, Calif.—Patterson Bros., Builders' Exchange Bldg., Oakland, awarded contract by Los Angeles board of education at $740, for painting and miscellaneous work on the main brick building at 24th St. school, 2055 W 24th St.

LOW BIDDER
PASADENA, Cal.—H. Mayson, 9315 Hooper Ave., Los Angeles, submitted low bid to Pasadena board of education at 612,725 for construction of the 2-story reinforced concrete Horace Mann school building at the Junior College site. Cyril Bennett, 311 1st Trust Bldg., Pasadena, architect.

CONTRACT AWARDED
LOS ANGELES, Cal.—The Angelus Painting & Decorating Co., 2311 Riverside Ave., awarded contract by Los Angeles board of education at $628 for painting and miscellaneous work on the north and south buildings at Santa Barbara Ave. school, 3990 S. Western Ave.

CONTRACT AWARDED
LOS ANGELES, Cal.—Chris Heinsbergen, Jr., 2824 Olympic Blvd., was awarded contract by the Los Angeles board of education at $1775 for painting and miscellaneous work on the annex building (less auditorium portion) and Unit No. 2 at Malabar St. school, 3200 Malabar Street.

CONTRACT AWARDED
LOS ANGELES, Cal.—Reid & Alexander, 3124 Olive St., Huntington Park awarded contract by the Los Angeles board of education at $44,780, for the reconstruction, strengthening and rehabilitation of the 1925 portion of the main building at Ascot Avenue school 1125 E. 45th St. A. C. Munson, room 404, 433 S. Spring St., architect, W. M. Bestock, 6723 Passaic Avenue, structural engineer.

Plans Awaiting Approval
SCHOOL Cost, $60,000
AVENAL, Kings Co., Calif.
One-story brick elementary school (6 classrooms).
Owner—Reefe-Sunset School District.
Architect—Ernest J. Kump, Rowell Building, Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Upon approval of plans by the State Division of Architecture, Sacramento, bids will be asked.

LOW BIDDER
LOS ANGELES, Cal.—Duff & Vandenhoogen, 733 W 14th Street, Long Beach, submitted the low general contract bid to Los Angeles board of education at $181,770, on item (1) for general contract, including painting and excluding plumbing, heating and ventilating and electrical work, for a new administration building and home economics building to be built at the Virgil junior high school, 152 N Vermont Ave. Cost, $175,000. Sumner P. Hunt, 701 Laughlin Bldg., architect; William Mellema, 1661½ Beverly Blvd., structural engineer, and E. L. Ellingwood, H. W. Hellman Bldg., mechanical engineer.

LOW BIDDER
LOS ANGELES, Cal.—T. A. Beyer Corp., 533 Chamber of Commerce Bldg., submitted low general contract bid to Los Angeles board of education at $55,987 under Proposal No. 1, which was for general contract work, including painting, but excluding the plumbing and electrical work, for a new boys' and girls' physical education building to be erected at Mount Vernon junior high school, 4066 West 17th St. 15

CONTRACT AWARDED
LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 East 18th St., awarded contract by Los Angeles board of education at $2128 for painting and miscellaneous work on the north building at Sheridan Street school.

16—BANKS, STORES AND OFFICES

CONTRACT AWARDED
WEST LOS ANGELES, Cal.—Austin Co., 777 E. Washington Blvd., Los Angeles, awarded contract for construction of a three-story administrative office building (85x102 ft.) at 10260 Orton Ave., West Los Angeles, for 20th Century Film Co.

Low Bidder.
STORE Cost, $15,000
MILL VALLEY, Marin Co., Calif.
One-story and basement reinforced concrete store building.
Owner—O'Shaughnessy Estate.
Architect — Lawrence Kruse, 251 Kearny St., San Francisco.
Low Bidder—Leibert Trobock, Albert Bldg., San Rafael.

Bid Opening Date Postponed Until May 4, 4:30 P. M.
SHED EXTENSION Cost, $85,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
Superstructure for extension to Transit Shed No. 2 (270-feet northerly extension) steel and concrete construction).
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Bids will be asked upon approval of plans by the PWA.
Plans and specifications may be ob-

tained from above office upon deposit of $25.00.

As previously reported, structural steel contract awarded to Herrick Iron Works, 1729 Campbell St., Oakland at $15,240.

CONTRACT AWARDED

AJO, Ariz.—E. W. Duhame, Phoenix, at $20,597 awarded contract by Phelps-Dodge Corp., for New Camelia Branch addition to general offices in Ajo, Arizona. Addition will be 40x 100 feet in area, brick construction. Lescher & Mahoney, 1100 Title and Trust Bldg., Phoenix, Ariz., Architects.

Plans Being Prepared

TERMINAL BLDG. Cost, $715,300
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Two - story reinforced concrete and steel airport terminal building (pile foundations, etc.)
Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President) Financial Center Bldg., San Francisco.
Architect — W. P. Day, Director of Works, Financial Center Building, San Francisco.
Bids will be asked about Aug. 1st by the Public Utilities Commission, City Hall.

Planned

TERMINAL BLDG. Cost, $274,900
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Ferry terminal building.
Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President) Financial Center Bldg., San Francisco.
Architect — W. P. Day, Director of Works, Financial Center Building, San Francisco.
Bids will be asked about Sept. 1 by the Public Utilities Commission, City Hall.

Plans Being Prepared

EXHIBIT BLDGS. Cost, $1,399,607
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Group of five major exhibit palaces (all wood frame construction).
Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President) Financial Center Bldg., San Francisco.
Architect — W. P. Day, Director of Works, Financial Center Building, San Francisco.
Bids will be asked about Sept. 1 by the Public Utilities Commission, City Hall.

Contracts Awarded.

ALTERATIONS Cost, $60,000
SAN JOSE, Santa Clara Co., Calif. Second Street.
Alterations and additions to store building (second story addition, etc.)
Owner—Montgomery Ward Company, Chicago, Ill.
Plans by Engineering Dept. of Owner.
Contractor—H. H. Larsen, 64 South Park, San Francisco.
Mechanical Work—A. J. Peters, 455 Washington St., San Jose.
Electric—Guilbert Bros., 286 W. Santa Clara St., San Jose.

Plans Being Figured—Bids Close April 28, 12 Noon.

BANK & STORE Cost, $——
COLUSA, Colusa Co., Calif.
One - story reinforced concrete bank and store bldg. (granite and terra cotta exterior, tile roof, air conditioning system, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Department of Owner.
Bids are being received on a general contract with separate bids on heating, ventilating and air conditioning.

Contract Awarded

ALTERATIONS Cost, $5,088
FRESNO, Fresno Co., Cal. NE Kern and China Alley.
Alterations to building.
Owner—Yick Fun.
Architect—Glass & Butner, Cory Bldg. Fresno.
Contractor—W. T. Harris, 577 McKinley St., Fresno.

Planned

STORES & OFFICES Cost, $15,000
GRASS VALLEY, Nevada Co., Calif. NE South Auburn and Race Sts.
Two-story store and office building.
Owner—Jack B. Stennett, Grass Valley.
Architect—Not Given.

Plans Being Figured — Bids Close April 28, 12 Noon.

BANK & STORE Cost, $——
COLUSA, Colusa Co., Calif.
One-story reinforced concrete bank and store bldg. (granite and terra cotta exterior, tile roof, air conditioning system, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Department of Owner.
A set of plans and specifications are on file at the Bank of America, Colusa and Bank of America, 8th and J Sts., Sacramento, for use of subcontractors.
Bids are being received on a general contract with separate bids on heating, ventilating and air conditioning.

Plans Being Completed

STORE Cost, $7500
SONOMA, Sonoma Co., Cal. Broadway and Napa Street.
One-story concrete store building.
Owner—F. Clewe, Inc., Sonoma.
Plans by V. Jorgensen, Sonoma.
Bids will be asked about April 20.

Contract Awarded.

BUILDING Cost, $6000
PLACERVILLE, El Dorado Co., Calif. Main Street.
One-story brick and tile store building (25x100 feet).
Owner—Fred Miller and Paul Hosman, Placerville.
Architect—Not Given.
Contractor—James P. Morton, 3 Cottage St., Placerville.

Contract Awarded.

ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. Sixth and K Streets.
Alterations to one-story, basement and mezzanine floor store building (painting, decorating, electrical work, plumbing, linoleum, etc.)
Owner—John Breuner Co.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—Campbell Constr. Co., 800 R St., Sacramento. *

Sub-Bids Benig Taken.

RESTAURANT Cost, $4,000
SAN FRANCISCO. Hunters Point.
One - story frame restaurant (stucco and tile front, etc.)
Owner—Mr. Crissey.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded.

ALTERATIONS Cost, $3000
BERKELEY, Alameda Co., Cal. No. 2018 Center Street.
Alterations and additions to front of Class C newspaper building.
Owner—Berkeley Gazette.
Plans by The Berkeley Society of Architects, 2101 Shattuck Avenue, Berkeley.
Contractor—S. M. Shapero, 1849 Arch St., Berkeley.

Roofing Contract Awarded

ROOFING Cost, $——
FRESNO, Fresno Co., Calif.
Re-roofing the Garabedian Bldg. (involving approximately 150 squares of composition roofing).
Owner—Capital Co., 626 Market St., San Francisco.
Plans by Constructing Dept. of Owner
Roofing—D. H. Coffman, 1837 Merced St., Fresno. *

Contract Awarded

STORE Cost, $3,920
SAN BRUNO, San Mateo Co., Calif. San Bruno Park.
One-story reinforced concrete store.
Owner—Central California Properties, Incorporated.
Architect—Wm. I. Garren, 233 Post St. San Francisco.
Contractor—Albert Magnuson, 220 Cypress Ave., Burlingame.

Contract Awarded.

ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 220 Post St.
Alterations to offices and salesroom.
Owner—Parker Pen Co., Premises.
Architect—Otto Hinterman, 126 Post St., San Francisco.
Contractor—Antone Peterson, 275 San Bruno Ave., San Francisco.

CONTRACT AWARDED

SAN FRANCISCO—Western Asbestos Co., 675 Townsend Street, at $210 awarded contract by Department of Public Works for installation of acoustical treatment in the office of the Assistant Director of Public Health, Health Center Building, to match the present installation in adjoining office.

Plans Being Completed.

ALTERATIONS Cost, $25,000
VALLEJO, Solano Co., Cal. No. 307 Georgia Street.
Alterations to store building.
Owner—Farnham Estate.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Lessee — Levee's Department Store, Vallejo.
Bids will be asked in about 1 week.

Plans Being Completed.

BANK AND STORE Cost, $100,000
BURLINGAME, San Mateo Co., Cal.
One-story reinforced concrete bank & store building.
Owner—San Francisco Bank, 526 California St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Bids will be asked in about three weeks.

17— THEATRES

Plans Being Completed.

ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. K St., between Fifth and Sixth.
Alterations to Capital Theatre (work involves decorating, new wiring plastering, hot air heating system, air conditioning system, etc.)
Owner—T. & D. Theatres and Fox West Coast Theatres, 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Bids will be asked in about 1 week.

Contract Awarded

ALTERATIONS Cost, $13,000
ALAMEDA, Alameda Co., Calif.
Alterations to Strand Theatre (new lobby, remodel auditorium, mar-

quee, new display frames, new chairs, drapes, lighting fixtures).
Owner—Nasser Bros., 25 Taylor St., San Francisco.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—A. J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Slight revisions are being made in the plans and construction will start shortly.

Plans Being Completed.
ALTERATIONS Cost, $50,000
SAN FRANCISCO. Cole and Haight Streets.
Remodel Haight Theatre.
Owner—Golden Gate Theatre Co., 25 Taylor Street.
Associated Architects—Jorgensen and Deichmann, 321 Bush Street.
Structural Engineer—L. H. Nishkian, 525 Market Street.
Bids will be asked in two or three weeks.

18— WHARVES & DOCKS

BIDS WANTED
BALBOA, Canal Zone—Until May 27, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for the construction of a reinforced concrete wharf, bituminous macadam road and water and electrical services at the Naval Ammunition Depot, Balboa, Canal Zone. Estimated cost $150,000. Specification No. 7820.
Plans and specifications may be obtained from above office and from the Commandant, Fifteenth Naval District, Balboa, Canal Zone, upon deposit of $20.

Bids Opened.
BULKHEAD WALL Cost, $——
OAKLAND, Alameda Co., Calif. Outer Harbor, west end of quay wall and inner end of oil pier.
Steel sheet pile bulkhead wall.
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Low Bidder — Duncanson Harrelson Co., deYoung Bldg., San Francisco
Complete bids follow:
(1) Job complete, oil pier.
(2) Job complete, quay wall.
(3) Additional creosoted piles in place, each.
(4) Steel sheet piling in place, per ton.
(5) Creosoted lumber, per 1000 ft.
(6) Green lumber, per 1000 ft.

Duncanson Harrelson Co., San Francisco	(1)	$7241.00
	(2)	3535.00
	(3)	.98
	(4)	95.00
	(5)	95.00
	(6)	60.00
Healy Tibbitts Constr. Co., San Francisco	(1)	8140.00
	(2)	5308.00
	(3)	1.00
	(4)	65.00
	(5)	86.00
	(6)	68.00
M. B. McGowan, S. F.	(1)	8572.00
	(2)	5462.00
	(3)	1.00
	(4)	75.00
	(5)	90.00
	(6)	35.00
Ben C. Gerwick, S. F.	(1)	9369.00
	(2)	4417.00
	(3)	.85
	(4)	120.00
	(5)	84.00
	(6)	62.00

Bids held under advisement.

BIDS WANTED
SAN FRANCISCO—Until April 29, 3 P. M., bids will be received by San Francisco Public Utilities Commission, Room 287, City Hall, for P & B process covering of untreated piles to be used in constructing ferry slips on Yerba Buena Shoals; Shoals Contract No. 4
The work involves:
(1) 46,130 lin. ft. pile covering:
Specifications prepared by W. P. Day, director of works for San Francisco Bay Exposition Corp., Financial Center Bldg.; available from San Francisco Water Department, 425 Mason St., Room 605, on deposit of $20. *

19—MISC. CONSTRUCTION

BIDS WANTED
SAN FRANCISCO—Until April 29, 3 P. M., bids will be received by San Francisco Public Utilities Commission, Room 287, City Hall, for constructing Ferry Slips on the fill northwest of Yerba Buena Island; Shoals Contract No. 2. The contract includes furnishing material and erecting three passenger ferry slips on the west side of the fill and one freight ferry slip on the east side. Work includes furnishing and driving piles, constructing timber fenders, painting and miscellaneous metal work.
Plans prepared by W. P. Day, director of works for San Francisco Bay Exposition Corp., Financial Center Bldg.
Plans and specifications available from San Francisco Water Department, 425 Mason St., Room 605, on deposit of $20.

BIDS OPENED
LOS ANGELES, Cal.—Butte Elec. & Mfg. Co., 24 Sterling Street, San Francisco, at $998 submitted low bid to the Los Angeles county supervisors for furnishing all materials, labor and transportation for the installation of a grade A bank vault local burglar alarm system for the protection of the Los Angeles county treasury vault on the third floor of the Hall of Records, in accordance with specifications prepared by County Mechanical Engineer R. E. Shonerd, 10th floor, Hall of Records.
O. B. McClintock Co., 738 Ceres Ave. Los Angeles, submitted the only other bid at $1190. *

Work Under Way.
ADDITION Cost, $40,000
SAN FRANCISCO. Fleishhacker Playgrounds, Sloat Boulevard and Great Highway.
Addition to monkey island at Fleishhacker Playgrounds (concrete work, etc.)
Owner—City and County of San Francisco.
Architect—Lewis P. Hobart, 525 Market St., San Francisco.
Work is being financed with WPA funds.

BIDS OPENED
SAN FRANCISCO—J. Harold Johnson, 639 Brannan St., at $138, submitted low bid to Department of Public Works, for furnishing and installing fire pattern storage racks at the Municipal Warehouse, 15th and Harrison Sts. Complete bids follow:

J. Harold Johnson	$138.00
Bureau of Public Buildings	142.17
R. Brendelein Company	172.00
Haas Wood & Ivory Works	182.50
W. C. Akard	184.00
Louis C. Dunn, Inc.	295.00

Bids held under advisement. *

CONTRACT AWARDED
LINCOLN COUNTY, Nev. — W. E. Callahan Const. Co., 206 S Spring St., Los Angeles, at $109,508.60 submitted low bid and awarded contract by the Lincoln County Power District, Pioche Nevada, for all labor for constructing 156 miles of high tension power transmission line, wood pole, H-frame type, to connect the substation near Boulder power plant, Nevada, with the Prince substation near Pioche.
Total bids follow:

W. E. Callahan Const. Co., Los Angeles	$109,508.60
Newberry Elec. Co., L. A.	118,754.39
H. H. Walker, Inc., L. A.	121,043.65
Bennett & Taylor, L. A.	133,799.55

C. R. Hagen, Pioche, chief engineer; H. W. Crizier, PWA project engineer.

Being Done By Day's Work.
BATH HOUSE, ETC. Cost, $450,000
SAN FRANCISCO. N Beach St., intersection of Polk St.
Four-story reinforced concrete bath house for Aquatic Park Development, etc.
Owner—City and County of San Francisco (Board of Park Commissioners)
Engineer—John M. Punnett, 58 Sutter St., San Francisco.
Work is being done by the WPA.

Plans Being Completed.
FUNERAL HOME Cost, $7500
EXETER, Tulare Co., Cal. NE Pine and B Streets.
New funeral home (English type of architecture).
Owner—J. M. Hadley, Visalia.
Plans by Judson Steele, 822 W. Mineral King St., Visalia.
Bids will be asked about April 20.

BID OPENING POSTPONED
SAN FRANCISCO.—Until April 28, 3 P. M. (date postponed from April 17, previously reported) bids will be received by the U. S. Engineer Office, 414 Custom House, under Proposal No. 868-36-22, for constructing and delivering afloat at San Francisco, one steel, twin screw, twin rudder hopper dredge with direct Diesel propulsion engine, hydraulic couplings and reduction gears, having 400-h.p. on each shaft. The dredge will be 180 feet overall in length with a 38-ft. beam and 14-ft. depth, with a hopper capacity of 300- and 500-c.y.
Pumping equipment will consist of a 340-hp. motor-driven pump, power being supplied by a 275-kwa. Diesel driven d.c. generator. Auxiliaries will be electrically driven, power for these being furnished by two 75-k.w., d.c. Diesel-driven generating sets.
The dredge is to operated mainly in bar harbors along the Pacific Coast and will carry a crew of 37 men.
Plans and specifications obtainable from the above office upon deposit of $100.00. *

Sub-Contracts Awarded
ADDITION Cost, $9,200
DIXON, Solano Co., Calif.
Addition to abbatoir (steel frame, reinforced concrete, steel sash, tar and gravel roof, etc.)
Owner—C. Bruce Mace, Dixon.
Engineer—W. E. Murray, 908 Hayes Street, San Francisco.
Contractor—Wm. C. Tait, 883 Market Street, San Francisco.
Lumber—Dixon Lumber Co., Dixon.
Steel Sash—Detroit Steel Products Co. 111 Sutter St., San Francisco.
Reinforcing Steel—Soule Steel Co. 1750 Army St., San Francisco.
Structural Steel—Moore Drydock Co., Balfour Bldg., San Francisco.
Cement—Santa Cruz Portland Cement Co., Crocker Bldg., San Francisco.

BIDS WANTED
OAKLAND, Cal.—Until Apr. 24, 2 P. M., bids will be received by John H. Skeggs, District Engineer, Room 800, 500 Sansome St., San Francisco, for

the sale of various buildings located in Oakland:

Item Moss 114: 164 Moss Avenue. Two-story and basement frame dwelling of ten rooms with 2550 sq. ft. of floor space. Garages 612 sq. ft. Available May 15, 1936.

Item Moss 139: 3430 Harrison Street. One-story 5-room shingle frame dwelling with 1250 sq. ft. of floor space. Garage 160 sq. ft. Shed 200 sq. ft. Available May 15.

Item Moss 141: 469 Oakland Avenue. One-story 3-room frame dwelling, 620 sq. ft. floor space. Available July 1.

Item Moss 151: 157 Santa Clara Ave. Two-story 8-room frame dwelling with 1700 sq. ft. floor space. Available June 1.

"X" Item "A" 209: 3264 Beach St. One-story 4-room frame dwelling with 750 sq. ft. floor space. Available about June 1.

"X" Item "A" 221: 3216 Beach St. Two-story 6-room frame dwelling with 2450 sq. ft. floor space. Garage 280 sq. ft. Available about June 1.

"X" Item "A" 232-A: 1638 24th St. One-story frame office building with 530 sq. ft. floor space. Toilet 40 sq. ft. Available about June 1.

"X" Item "A" 232-B: West side of 1638 24th Street. One-story portable frame watchman's house with 190 sq. ft. floor space. Available about June 1st.

"X" Item "A" 232-C: East side of 1638 St. One-story frame gear shed with 360 sq. ft. floor space. Available about June 1.

"X" Item "A" 232-D: Northeast corner 24th and Campbell Sts. One-story wood frame corrugated iron garage with 1360 sq. ft. floor space. Blacksmith shop, same type construction, with 250 sq. ft. floor space. Available about June 1.

"X" Item "A" 236: 2100 Cypress St. One-story wood frame corrugated iron shop building with 6400 sq. ft. floor space. Shed 480 square feet. Available about June 1.

"X" Item "A" 260: 1400 12th St. One-story & basement, 5-room frame dwelling with 1110 sq. ft. floor space. Shed 270 sq. ft. Available about June 1st.

Item "A" 262: 1391 12th Street. Two-story 7-room frame dwelling with 2,620 sq. ft. floor space. Available June 1st.

"X" Item "A" 264: 1399 12th Street. One-story 5-room frame dwelling with 920 sq. ft. floor space. Garage 400 sq. ft. Available about June 1.

"X" Item "A" 268-A: 1400 11th St. One-story & basement 6-room frame frame dwelling with 1040 sq. ft. floor space. Available about June 1.

"X" Item "A" 268-B. 1402 11th St. One-story & basement, 5-room frame dwelling with 950 sq. ft. floor space. Available about June 1.

"X" Item "A" 273: 936 Cypress St. One-story & basement 6-room frame dwelling with 800 sq. ft. floor space. Available about June 1.

"X" Item "A" 287-A: 1394 7th St. One-story & basement, 5-room frame dwelling with 1180 sq. ft. floor space. Available about June 1.

"X" Item "A" 287-B: 1398 7th St. One-story & basement, 5-room frame dwelling with 1180 sq. ft. floor space. Available about June 1 .

Bidders may make offers for one or more complete items, as is, and where is, but must state the price offered for each, using the above items and street numbers to identify each particular bid. *

BIDS OPENED

GRAND COULEE DAM, Wash.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 777-D, for furnishing two welded steel hulls for pump barges, 20-ft. wide by 40-ft. long by 4-ft. 6-in. deep, with field-welding electrodes for service at the Grand Coulee Dam, Columbia Basin Project:

California Steel Products Co., San Francisco, $5,968; fob San Francisco; net.

Omaha Steel Works, Omaha; $8,400; fob Omaha; net.

Puget Sound Sheet Metal Works, Seattle: $6,800; fob Seattle; net.

Pacific Coast Engr. Co., Oakland: $8,560; fob Oakland; discount ½%.

Hydraulic Supply Mfg. Co., Seattle: $7,275; fob Odair; $6,875, for Seattle: net.

Wallace Bridge & Structural Steel Co., Seattle; $11,821; fob Seattle; net.

King Bros., Portland: $6,068; fob Odair; discount, 1%.

Chicago Bridge & Iron Co., Chicago: $6,450; fob Chicago; net.

Dravo Contr. Co., Pittsburgh; $6,300; fob Pittsburgh; net.

Pittsburgh - Des Moines Steel Co., Des Moines: $5,060; fob Des Moines; ½% discount.

Columbian Steel Tank Co., Kansas City, Mo.: $4,764; fob Kansas City; 1% discount.

Ingalls Iron Works Co., Birmingham: $5,520, fob Birmingham; $6,730 fob Odair; net.

Southwest Welding & Mfg. Co., Inc. Alhambra; $5,285; fob Alhambra; net.

Commercial Iron Works, Portland: $9,468; fob Odair,; ½% discount.

Western Pipe & Steel Co. San Francisco: $5,890; fob San Francisco; net.

Virginia Bridge Co., Roanoke: $5,844; fob Birmingham; net.

Lakeside Bridge & Steel Co., Milwaukee: $5,854; fob Milwaukee; net.

Olson Mfg. Co., Boise: $5,814.70; fob Odair; net.

Marine Iron & Shipbuilding Co., Duluth: $10,000; fob Duluth; net.

Bethlehem Steel Co., Bethlehem: $6,892; fob Lakeside, Pa.; net.

John W. Beam, Denver: $6,000; fob Peotone, Ill.; ½% discount.

Bids held under advisement.

Construction Started

SWIMMING POOL Cost, $13,000

RED BLUFF, Tehama Co., Cal. Puls Property.

Reinforced concrete swimming pool (60x150-ft.)

Owner—City of Red Bluff.

Architect—Not Given.

Project is being financed with WPA funds.

PREPARING PLANS

TRONA, San Bernardino Co., Cal.—Architect Louis L. Dorr, 906 Architects' Bldg., Los Angeles, is preparing working drawings for a group of about sixty frame dormitory buildings and dwellings to be built at Trona, for American Potash & Chemical Corp. The buildings will be of frame construction, one-story in height; estimated cost, $300,000. Bids for the work will be taken from a closed, selected list of Los Angeles contractors.

Sub-Contracts Awarded

MAUSOLEUM Cost, $81,666

OAKLAND, Alameda Co., Calif. End of Piedmont Avenue.

Interior finishing of mausoleum (marble, bronze and glass work, etc.)

Owner—Mountain View Cemetery Association, Oakland.

Architect—W. P. Day, Financial Center Bldg., San Francisco.

Contractor—Dinwiddie Const. Co., Crocker Bldg., San Francisco.

Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave., San Francisco.

Artificial Stone—P. Grassi and Son, 445 Bayshore Blvd., San Francisco

Sheet Metal—Tobey Christensen, 4444 Piedmont Ave., Oakland.

Mill Work — Anderson Bros. Planing Mill, Quint and Custer Sts., San Francisco.

Painting—J. J. Burdon, 3817 Forest Hill Ave., Oakland.

Glass—Cobbledick - Kibbe Glass Co., Washington and 3rd Sts., Oakland

Ornamental Iron and Steel Sash—A. J. Bayer, P. O. Box 1276, Arcade Station, Los Angeles.

Terrazzo—P. Grassi & Son, 445 Bayshore Blvd., San Francisco.

Tile—Superior Tile Co., 3743 Broadway, Oakland.

Plumbing—Max Finzel, 2025 Hopkins St., Oakland.

Heating—Max Finzel, 2025 Hopkins St., Oakland.

Electric—Scott-Buttner Co. 2214 Webster St., Oakland.

Electric Fixtures—Thomas Day Co., 51 Shipley St., San Francisco.

Structural Steel—Fair Mfg. Co., 617 Bryant St., San Francisco.

As previously reported, the marble contract was awarded to Jos. Musto Sons Keenan Co., 535 North Point St., San Francisco.

BIDS OPENED

OAKLAND, Cal. — Moore Drydock Co., Foot of Adeline St., Oakland, at $2396 submitted low bid to City of Oakland Port Commission for drydocking, painting and repairing of 20 inch suction dredge at Oakland. Complete bids follow:

(1) Per rivet driven.

Moore Drydock Co., Oakland		$2396.00
	(1)	2.00
General Engr. & Drydock Co., Oakland		2510.00
	(1)	2.00
Bethlehem Shipbuilding Co., Alameda		2684.00
	(1)	2.00

PLANNED

BURBANK, Los Angeles Co., Cal.—Dan Greenberg, 5335 Melrose Ave., Los Angeles, president of the Three G Distillery, has announced that a $250,000 building expansion program will be started soon at the plant at 3112 W. San Fernando Road, Burbank. The program will include three additional steel frame and corrugated iron units similar to the present bldg. Arlos R. Sedgley, 910 N Serrano Ave. Los Angeles, architect.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing creosoted poles under Bid No. 1327 were opened by the U. S. Forest Service April 8. The items were:

(1) 400 each 20-ft. poles, class 6;
(2) 100 each 25-ft.;
(3) 50 each 30-ft.;
(4) 50 each 35-ft.

The bids were:

Joslyn Co.—(1) $2.40, 310 lbs. each; (2) $3.40, 423 lbs.; (3) $4.30, 573 lbs.; (4) $5.25, 733 lbs. No discount; yellow pine; f.o.b. Campi, La.; stopover charges are included in prices bid; shipment to start in 1 week and complete in 3 weeks.

Texas Creosoting Co.—(1) $2.31, 310 lbs. each; (2) $3.17, 423 lbs.; (3) $4.17, 573 lbs.; (4) $5.81, 733 lbs. Southern yellow pine; f.o.b. Houston, Texas; delivery, 10 days; no discount.

Maydwell & Hartzell—(1) $3.75, 270 lbs. each; (2) $4.50, 490 lbs.; (3) $5.80, 500 lbs.; (4) $6.90, 620 lbs. Douglas fir; f.o.b. The Dalles, Ore.; delivery, 30 days; no discount.

Westinghouse Electric Supply Co.—(1) $2.20, 279 lbs. each, (alt.) $2.73; (2) $3.04, 381 lbs. (alt.) $3.76; (3) $4.03, 516 lbs. (alt.) $5; (4) $5.10, 660 lbs. (alt.) $6.35. No discount; f.o.b. Oil Springs, Texas; routed through Dennison for treatment; yellow pine, delivery 5 days. Alternate bid f.o.b. Dennison, Texas.

Chas. R. McCormick Lumber Co.—(1) $3.40, 260 lbs. each; (2) $4.65, 370 lbs.; (3) $6.30, 505 lbs.; (4) $7.40, 625 lbs. No discount; Douglas fir; f.o.b. cars St. Helenst, Ore.; delivery start 30 days, complete in 90 days.

James L. Hall—(1) $3.85, 270 lbs. each; (2) $4.65, 390 lbs.; (3) $5.93, 500 lbs.; (4) $7.05, 620 lbs. Douglas fir; f.o.b. The Dalles, Ore.; all or none basis; total, $2654; discount, 2% 10 days, 1% 20 days.

J. H. Baxter Co.—(1) $3.34, 260 lbs. each; (2) $4.59, 370 lbs.; (3) $6.19, 505 lbs.; (4) $7.29, 625 lbs. Douglas fir; f.o.b. Seattle, Wash.; delivery 35 days; no discount.

Graybar Electric Co.—(1) $2.79, 310 lbs. each, (alt. a) $3.14,(alt. b) $5.15 (2) $3.83, 423 lbs., (2a) $4.31, (2b) $6.96 (3) $5.03, 573 lbs., (3a) $5.68 (3b) $8.79 (4) $7.01, 733 lbs., (4a) $7.85, (4b) $12.11. F. o.b. Provincial La.; delivery 5 days from plant; (alt. a) f.o.b. treating plant at Texarkana, Texas, (alt. b) f.o.b. truck Angeles Crest Guard Station; southern yellow pine; no discount.

CONTRACT AWARDED

BOULDER CITY, Nev.—Associated Piping & Engineering Co., Ltd., Los Angeles, at $6,126 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 768-D, for furnishing miscellaneous fabricated pipe and fittings for installation at the Boulder Power Plant, Boulder Canyon Project.

BIDS OPENED

SAN FRANCISCO—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1541, for furnishing vehicle and pedestrian actuated timers for the Department of Electricity, as follows:

(1) 3 each vehicle actuated timers;
(2) 6 each vehicle detectors;
(3) 1 pedestrian actuated timer;
(4) 2 each, Pedestrian actuated buttons complete with standards.

Complete bids follow:

Eagle Signal Corp., 7 Front St., San Franciso: (1) $374; (2) $132.60; (3) $212.50; (4) no bid.

Automatic Signal Corp., 230 Park Ave., New York: (1) $374; (2) 6-ft. $132.60; 8-ft. $149.60; (3) $212.50; (4) $8.50.

CONTRACTS AWARDED

BOULDER CITY, Nevada — Contracts for furnishing insulated cable for the Boulder Canyon Project, under Spec. No. 759-D, have been awarded by the Bureau of Reclamation, Denver, as follows:

(1) 6850 lin. ft. 6000-volt varnished cambric-insulated cable;
(2) 420,000 lin. ft. 5000- 1000- and 600-volt rubber insulated cable;
(3) 3150 lin. ft. inclined cable;
(4) 14,000 lin. ft. rubber and asbestos insulated cable.

Lavenson & Savasta, 379 Brannan St., San Francisco, Schedules 1 and 3, $7844.61.

Simplex Wire & Cable Co., Boston, Schedule 2, $104,494.31; Schedule 4, $4214.42.

CONTRACT AWARDED

BOISE PROJECT, Idaho. — Oregon Portland Cement Co., Portland, at $77-905.70 awarded contract by the Bureau of Reclamation under Invitation 21521-A, for furnishing 31,300 barrels of cement for raising the Arrow Rock Dam, Boise Project. 20

BIDS OPENED

ALMONT, Colo.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 776-D, for furnishing (1) fabricated structural steel and erection bolts; (2) gratings and stair treads; (3) pipe handrails, to be installed in the outlet works of the Taylor Dam, Uncompahgre Project, Colo.:

California Steel Products Co., San Francisco: (1) $750; (2) no bid; (3) $308; fob San Francisco; net.

John W. Beam, Denver: (1) $730; (2) $750; (3) no bid; fob Denver; ½% discount.

A. J. O'Leary & Son Co., Chicago: (1) $695; (2) $779; (3) $290; (1, 2 and 3) $1,764; fob Chicago; ½% discount.

Midwest Steel & Iron Works Co., Inc., Denver: (1) $716; (2) $990; (3) $330; fob Pueblo and Almont, Colo.: ½% discount.

Worden-Allen Co., Milwaukee: (1) $785; (2) $720; (3) no bid; fob Milwaukee; ½% discount.

Superior Iron & Wire Works, Pittsburgh: (1) $661 ;(2) $743.10; (3) $261; fob Pittsburgh; ½% discount.

Ornamental Iron Works Co., Akron: (1) $597; (2) $1,107; (3) $313; fob Akron; ½% discount.

Acme Ornamental Metal Works, Seattle: (1) $980; (2) no bid; (3) $315; (1 and 3) $1,295; fob Seattle; net.

Omaha Steel Works, Omaha: (1) $920 (2) $820; (3) $370; fob Omaha; (2) $790, fob Kansas City, Mo.; (2) $990, fob Almont; net.

Wm. F. Kemp Co., Chicago; (1) no bid; (2) $779; (3) no bid; fob Chicago; 1% discount.

Schrader Iron W'ks, Inc., San Francisco: (1) $649; (2) and (3) no bids; fob San Francisco; net.

Hendrick Mfg. Co., Carbondale, Pa.: (1) no bid; (2) $584; (3) no bid; fob Almont; 1% discount.

Atlas Pipe Railing Co., Inc., Long Island City: (1) $699; (2) no bid; (3) $266; fob Long Island City; 1% discount.

Kerlow Steel Flooring Co., Jersey City: (1) no bid; (2) $870; (3) no bid; fob Almont; 1% discount.

Welded Products Co., Inc., Bell, Cal. (1) no bid; (2) $718.68; (3) no bid; fob Los Angeles; 1% discount.

Dravo-Doyle Co., Pittsburgh; (1) no bid; (2) $780; (3) no bid; fob Almont; 1% discount.

Vulcan Rail & Const. Co., Maspeth, Long Island: (1) and (2) no bid; (3) $320; fob Almont; net.

Jos. T. Ryerson & Son, Inc., Chicago: (1) $700; (2) $779; (3) $255; (1 and 2) $1,479; (1 and 3) $955; fob Chicago; ½% discount.

Superior Mfg. Co., Los Angeles: (1) no bid; (2) $718.68; (3) no bid; fob Los Angeles; 1% discount.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 676 for furnishing structural steel supports, gratings, and handrailings for the walkways, stairs, and ladders to be installed in the lower Arizona and lower Nevada tunnels at the Boulder Dam. Boulder Canyon Projetc:

(1) Structural steel;
(2) Gratings:
(3) Pipe handrails.

Dravo-Doyle Co., Pittsburgh: (1) no bid; (2) $13,900; (2-alt.) $16,100; (3) no bid; f.o.b. Boulder City; net

Associated Piping & Engineering Co., Ltd., Los Angeles: (1) no bid; (2) $15.932; (3) $7296; (and 3) $23,-100; f.o.b. Boulder City; 2% discount.

Renter Bros. Iron Works, Chicago: (1) $22,000; (2) $22,712; (3) no bid (1 and 2) $44,000; f.o.b. Boulder City; ½% discount.

Reliance Steel Products Co., Rankin, Pa.: (1) $15,840; (2) $13,509; (3) no bid; (1 and 2) $28,080; f.o.b. Rankin, 1% discount.

Gary Structural Steel Co., Gary, Indiana; (1) no bid; (2) $9967; (3) no bid; f.o.b. Gary; 1% discount.

B. Katchen Iron Works, Irvington, N. J.: (1) $19,703; (2) no bid; (3) no bid; f.o.b. Irvington; ½% discount.

Atlas Pipe Railing Co., Inc.: (1) $12,-630; (2) no bid; (3) $6937; f.o.b. Long Island; ½% disciunt.

Virginia Bridge Co., Denver: (1) $21,-168; (2) no bid; (3) no bid; f.o.b. Birmingham; net.

Kyle Steel Constr. Co., Los Angeles: (1) $14,308; (2) $14,991; (3) $7091; f.o.b. Los Angeles; ½% discount.

Blaw - Knox Co., Pittsburgh: (1) no bid; (2) $13,383; (3) no bid; f.o.b. Boulder City; 1% discount.

Hendricks Mfg. Co., Carbondale, Pa.: (1) no bid; (2) $16,100; (3) no bid; fob Boulder City, 1% discount.

William F. Klemp Co., Chicago: (1) no bid; (2) $15,342; (3) no bid; fob Chicago; 1% discount.

Duffin Iron Co., Chicago; (1) $20,200; (2) no bid; (3) $7543; f.o.b. Chicago; net.

Worden-Allen Co., Milwaukee: (1) $21,290; (2) $15,989; (3) no bid; f.o.b. Boulder City; ½% discount.

Crane O'Fallon Co., Denver: (1) no bid; (2) no bid; (3) $6357; f.o.b. Boulder City; 2% discount.

Des Moines Steel Co., Des Moines: (1) $19,245; f.o.b Des Moines; (2) $14,472, f.o.b. Jersey City, N. J.; (1 and 2) $32,717 f.o.b. Des Moines net.

Kerlow Steel Flooring Co., Jersey City (1) no bid; (2) $15,989; (3) no bid; f.o.b. Boulder City; 1% discount.

Vulcan Rail & Constr. Co., Maspeth, New York: (1) no bid; (2) no bid; (3) $8642; f.o.b. Boulder City; net.

Hansell-Elcock Co., Chicago: (1) $16,-000; (2) no bid; (3) no bid· f.o.b. Chicago; ½% discount.

Bethlehem Steel Co., Los Angeles: (1) $19,462; (2) no bid; (3) no bid; fo.o.b. Watts, Calif.; net.

Levinson Steel Co., Pittsburgh: (1) $19,070; (2) no bid; (3) no bid; f.o.b. Pittsburgh; ½% discount.

Omaha Steel Works, Omaha: (1) $20,-900, f.o.b. Omaha; (2) $18,750 f.o.b. Kansas City, Mo.; (3) $8200, f.o.b. Omaha; net.

Fabricated Steel Products Co., Wheeling West Va.: (1) no bid; (2) no bid; (3) $9882.62; f.o.b. Boulder City; net.

Universtl Mfg. Co., Novi, Mich.: (1) no bid; (2) $11,400; (3) no bid; f.o.b. Novi; 2% discount.

Bids held under advisement. 20

CONTRACT AWARDED

COLORADO RIVER PROJECT, Texas—Republic Portland Cement Co.,San Antonio, Texas, at $835,159 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 766-D, for furnishing 20,000 bbls. of standard cement in bulk, 5000 bbls. of standard cement in cloth sacks; 290,-000 bbls. modified or standard Portland cement in cloth sacks; and 50,000 bbls. modified or standard cement in bulk, for the Hamilton Dam and the Arnold Dam, Colorado River Project, Texas.

CHALMER MUNDAY

Attorney-at-Law — Notary Public

Bankruptcy, Mechanics' Liens

Builders' Contracts

405 Montgomery St., San Francisco

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until April 22, 10 A. M., bids will be received by the Los Angeles Harbor Dept., Room 112, City Hall, Los Angeles, for furnishing approximately 35,440 l.f. creosoted piling under Spec. No. 958.

The items are:

"A" Douglas Fir Piles

(1) 25,920 l.f. bearing piles, treated with 16 lbs. creosote oil per cu. ft. of wood;
(2) 9,520 l.f. fender piles, treated with 12 lbs. creosote oil per cu. ft. of wood.

"B" Southern Yellow Pine Piles

(3) 25,920 l.f. bearing piles, treated with 22 lbs. creosote oil per cu. ft. of wood;
(4) 9,520 l.f. fender piles, treated with 16 lbs. creosote oil per cu. ft. of wood.

The number of piles under items No. 1 and/or No. 3 is: 50 44-ft.; 20 46-ft.; 40 50-ft.; 40 56-ft.; 40 58-ft.; 20 62-ft.; 40 64-ft.; 40 66-ft.; 40 68-ft.; 50 70-ft.; 50 72-ft.

The number of piles under items No. 2 and/or No. 4 is: 100 58-ft.; 60 62-ft.

WAR DEPARTMENT

FORT MASON, Cal.—Until April 23 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. 928-36-258, for furnishing 2,000 ft. of braided water hose, ⅝-in. diameter.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until April 23 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 36-226, for furnishing bushings, ells, nipples, pipe plugs, sleeves, tees, unions, wrenches, bolts, files globe valves, pipe, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office.

SAN FRANCISCO.—Until April 21, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, under Proposal No. E. R. 868-36-10, for the lease and operation of one clamshell dredge in San Francisco Bay, on and adjacent to the shoal north of Yerba Buena Island.

The dredge will be used principally for constructing the foundation and backfilling for a rubble retaining wall enclosing the upper levels of the shoal fill.

Bids will be taken as follows:

(1) 900 hours (5 months at 180 each);
(2) 140 hours (5 months at 28 each).

Specifications obtainable from above office. *

SAN FRANCISCO.—Until May 1, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, under Proposal No. E. R. 868-36-11, for the lease and operation of one cutterhead, hydraulic pipeline dredge in San Francisco Bay, in the vicinity of the shoal north of Yerba Buena Island.

The different work involved will require pipelines from approximately 2,000 ft. to 9,500 ft. in length. As much as 1,500 ft. of pontoon discharge line will be required at times with satisfactory pontoons and connections. A minimum of 8,000 ft. of suitable shore pipe will be required.

The dredge will be used to dredge material from an area in San Francisco Bay, east and northeast of the shoal north of Yerba Buena Island, to transport the dredge spoil, and deposit it upon a fill to be constructed on said shoal.

Specifications obtainable from above office. *

SAN FRANCISCO.—Until April 21, 3:30 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, under Proposal No. E. R. 868-36-12, for the lease of one motor towboat for use as a dredge tender in connection with the work of making a fill on Yerba Buena Shoals.

The boat shall be 60 to 65 feet in length, with a diesel engine of not less than 15-h.p. and equipped with towing bitts, guards, fenders, and all other appliances and equipment necessary to its efficient operation on the intended work.

Specifications obtainable from above office. *

RECLAMATION SERVICE

BOULDER CITY, Nev.—Until May 18, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 680, for furnishing and delivering fob cars at the shipping point or fob cars at Boulder City, four 55,000-kv.-a., 60-cycle, single-phase, water-cooled, 16,400 to 132,950/230,000-volt Y-transformers for installation in the Boulder power plant, Boulder Canyon project. All apparatus will be installed by the Government.

Specificationos obtainable from the Bureau of Reclamation at Denver, Colo., or Washington, D. C., without charge to prospective bona fide bidders; to others, $1.50, not returnable.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

APRIL 20, 2 P. M.:

BID NO. 3386: 10 aluminum siamese units, shut-off type, 1½-in. inlet and outlets; 30 discharge nozzles, shut-off type, 1-inch IPT female with ¾-in. hose male nozzle tip thread; and 30 combination nozzles of the garden hose type; fob bidder's shipping point and/or Government Island.

APRIL 21, 2 P. M.:

BID NO. 3394: Butts, lockets, shutter dogs, door stops, knobs, bolts, hinges, etc.; fob bidder's shipping point and/or San Diego;

BID NO. 3395: 80 globe valves and 20 gate valves; fob bidder's shipping point and/or Government Island.

Specifications obtainable from above office. *

SAN FRANCISCO CITY

SAN FRANCISCO.—Until April 24, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1547, for furnishing stock wood furniture for the School Department.

Specifications obtainable from above office.

SAN FRANCISCO.—Until April 24, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1548, for furnishing manufactured wood furniture for the School Department.

Specifications obtainable from the above office.

NATIONAL PARK SERVICE

SAN FRANCISCO.—Until April 21, 2:30 P. M., bids will be received by F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., for furnishing 6x19 wire rope, plow steel, uncoated or galvanized, fibre core, for various National Parks.

Specifications obtainable from above office.

U. S. INDIAN SERVICE

RENO, Nev.—Until April 28, bids will be received by the Indian Field Service, Washington, D. C., for furnishing 80 drums of roof coating; asphalt, brushing consistency, for use in repair and coating of asphalt and metal roofing and for application to concrete, masonry and steel structures as a damp-proofing and protective coating.

Delivery fob Reno.

Specifications obtainable from the Indian Field Service, H. W. Camp, Superintendent, 23 Appraisers' Bldg., San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

BRUSHES, 1200 wire, bristle, expanding type, for use with motor driven tube cleaning outfits; Mare Island. Sch. 7514; April 21.

SEWING MACHINES, 27; Mare Island and Puget Sound Sch. 7599 April 21.

GENERATORS, 4 hand-driven testing; Mare Island. Sch. 7602; Apr. 24.

PUMPS, 6 handy-billy; Mare Island. Sch. 7612; May 1.

Information obtainabale from the above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

SAN MATEO COUNTY

SAN MATEO, San Mateo Co., Calif. —Until April 20, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, for furnishing one power lawn mower for use at the San Mateo City Park.

Bidder shall furnish complete specifications with his proposal.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

EL DORADO COUNTY, Cal.—Hector Williamson, Placerville, at $2,750 submitted low bid and awarded contract by the El Dorado County Board of Supervisors, Court House, Placerville, Arthur J. Koletzke, Clerk, for construction of a reinforced concrete bridge across Steeley Fork at Grizzly Flat, in District No. 2.

Complete bids follow:

Hector Williamson, Placerville $2,750.00
E. B. Livingstone, Placerville 2,850.00
J. P. Morton, Placerville..... 3,682.00
Carl R. Fiedler, Sacramento.. 3,835.45

SUB-CONTRACTS AWARDED

SANTA CLARA COUNTY, Calif.—Barrett & Hilp, 918 Harrison St., San Francisco, general contractors for the construction of an undergrade crossing under the tracks of the Southern Pacific Co. at Lafayette Street in Santa Clara, have awarded the following sub-contracts in connection with the work:

Excavation—Piombo Bros. Co., 1571 Turk St., San Francisco.

Clay Pipe—California Pottery Company, Niles.

As previously reported, contract for piling awarded J. H. Baxter & Co., 333 Montgomery St., San Francisco.

BIDS WANTED

PLACER COUNTY, Cal.—Until May 5, 10 A. M., bids will be received by the Placer County Board of Supervisors, Court House, Auburn, for construction of a steel span on steel pile foundations with wood deck, over Coon Creek, about 6½ miles north of Lincoln. The bridge will be 85-feet long with an 18-foot roadway.

Plans and specificatons obtainable from the office of the County Surveyor and from W. E. Emmett, engineer, Sharon Bldg., San Francisco, at a charge of $1.00 per set.

BIDS WANTED

PLACER COUNTY, Cal.—Until May 5, 10 A. M., bids will be received by the Placer County Board of Supervisors, Court House, Auburn, for construction of a steel span on steel pile foundations, with concrete floors, over Dry Creek on Douglas St., near Roseville. The bridge will be 70-ft. long with a 20-ft. roadway and 5-ft. sidewalks.

Plans and specificatons obtainable from the office of the County Surveyor and from W. E. Emmett, engineer, Sharon Bldg., San Francisco, at a charge of $1.00 per set

BIDS WANTED

COCHISE COUNTY, Arizona.—Until April 28, 3 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for the construction of the White Water Creek bridge on the Benson-Douglas Highway, FA 79-J, Schedule 2, AFE 8058.

The work, which is located about 1.4 miles west of Douglas at White Water Creek, consists of the removal of the existing concrete bridge, the construction of a new concrete and steel bridge and the construction and removal of a temporary wooden detour bridge, and is to be completed on or before Dec. 31, 1936.

The principal items and approximate quantities are:

12,700 c.y. drainage excavation;
370 c.y. structural excavation;
510 c.y. Class A concrete;
77,000 lbs. reinforcing steel;
161,500 lbs. structural steel;
780 l.f. steel piles (H-column);
24 each driving piles (steel H-column);
2,100 l.f. steel piles (sheet piling);
132 each driving piles (steel sheet piling);
224 sq. yds. furnishing and placing oil mix;
500 gals. SC-2 road oil;
256 l.f. road guard;
lump sum, removal of old concrete bridge;
lump sum, wooden detour bridge (CIP, and remove).

Funds in the amount of $107,000 have been programmed for the construction of Projects FA 79-J, Sched. No. 1, and Sched. No. 2. T. S. O'Connell, State Highway Engineer.

BIDS WANTED

NAVAJO COUNTY, Arizona.—Until May 1, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for constructing a reinforced concrete subway at Winslow under the A. T. & S. F. Railway tracks. It is to be completed on or before Feb. 28, 1937. Proj. No. W P G M 107; AFE 621.

The principal items are:

14,400 c.y. structural excavation;
1,700 c.y. select material (CIP);
2,240 l.f. combined curb and gutter;
2,100 sq. yds. 6-in. conc. pavement;
43 c.y. Class AA concrete;
1,535 c.y. Class A concrete;
776 c.y. Class D concrete;
347,600 lbs. reinforcing steel;
2,500 l.f. 4-in. vitrified clay pipe;
1 lump sum reconstruct sewer;
1 lump sum remove and rebuild stone wall;
800 l.f. lead seal;
1 lump sum membrane and asphalt plank waterproofing;
1 lump sum electric lighting system;
1 lump sum, pump and pumping equipment;
1 lump sum removal of buildings
5,400 sq. ft. concrete sidewalk;
500 tons plant mix;
25 tons cutback asphalt;
1 ton emulsified asphalt;
50 tons screenings;
and other incidental items.

Plans may be obtained at the office of the State Highway Engineer, T. S. O'Connell, Phoenix. Certified or cashier's check, 5%.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS OPENED

KERN COUNTY, Cal. — Alonza J. Frazier, 952 Poplar St., Puente, at $2096.42 submitted low bid to the Kern County Board of Supervisors, F. E. Smith, County Clerk, Court House, Bakersfield, for the construction of a timber bridge over Fiddlers Gulch on the Randsburg - Johannesburg Highway.

The work involves:

(1) Structural excavation;
(2a) 3.012 MF.B.M. Douglas fir timber in place, including hardware, paint, etc., complete;
(2b) 17.727 M.F.B.M. redwood timber, same.

Rexroth & Rexroth, Bakersfield, at $2405.14 submitted second low bid.

BID OPENING POSTPONED

MULTNOMAH COUNTY, Oregon—Until April 24, 9 A. M. (date postponed from April 16), bids will be received by the Oregon State Highway Commission, R. H. Baldoc, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for the construction of an overcrossing over the Southern Pacific Railroad on Union Ave. on the East Portland-Oregon City Highway in the City of Portland, Multnomah County.

The work involves approximately 41,000 cu. yds. excavation; 400 cu. yds. Class "A" concrete curbs; 4000 sq. yds. concrete sidewalks; 2800 cu. yds. gravel subbase materials; 520 cu. yds. crushed base materials; 1100 cu. yds. crushed rock and sand in track foundation; 750 bbls. cement in track foundation; 950 cu. yds. concrete pavement at railway tracks; 18,000 sq. yds. Portland cement concrete pavement; 9700 sq. yds. asphaltic concrete pavement; 33,000 lin. ft. treated piling 7500 cu. yds. Class "D" concrete and 1,520,000 lbs.. metal reinforcement.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BID REJECTED

OAKLAND, Calif.—Board of Directors of Joint Highway District No. 13, Oakland, has rejected the only bid received, that of Lee J. Immel, 1031 Evelyn St., Berkeley, at $20,505, for construction of a pipe culvert with fill and appurtenant structures ,on the southerly side of Chabot Road, near the intersection of Chabot Road and Roble Road, Oakland.

The district will proceed with the work by force account. Wallace B. Boggs, district engineer.

COMPLETE BID LISTING

HUMBOLDT CO., Nev.—Dodge Construction, Inc., Fallon, at $55,669.63, as previously reported, submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of concrete and steel overpass over the

Western Pacific Railroad, in Winnemucca, Humboldt County, Route 8, Section A-1, a length of approximately 0.037 mile.

The work involves:
(1) 750 c.y. structure excavation;
(2) 580 c.y. Class A concrete;
(3) 455 c.y. Class D concrete;
(4) 164,000 lbs. reinforcing steel;
(5) 174,000 lbs. structural steel;
(6) 363 l.f. concrete rail;
(7) 8,280 l.f. treated timber piles;
(8) 276 each driving treated piles;
(9) Lump sum, cable.

Total bids follow:
(A) Dodge Const., Inc., Fallon, $55,-669.63.
(B) Utah Const. Co., Ogden, $55,861.20
(C) George French, Jr., Stockton, $59-535.00.
(D) Engineer's estimate, $53,695.00.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)...	$ 1.50	$ 1.50	$ 1.00	$ 1.50
(2)....	22.00	22.00	24.00	19.00
(3)....	24.00	29.00	28.00	21.00
(4)....	.055	.06	.055	.05
(5)....	.0625	.07	.07	.0675
(6)....	3.25	4.00	4.00	4.00
(7)....	.75	.70	.60	.60
(8)....	16.00	20.00	20.00	20.00
(9) ..	300.00	200.00	200.00	110.00

COMPLETE BID LISTING

HUMBOLDT CO., Nev.—Dodge Construction, Inc., Fallon, at $66,846.29, as previously reported, submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of concrete and steel bridge over the Humboldt River, in Winnemucca, Humboldt County, Route 8, Section A-1, a length of approximately 0.048 mile.

The work involves:
(1) 9,372 c.y. roadway excavation;
(2) 1,250 c.y. structure excavation;
(3) 770 c.y. Class A concrete;
(4) 315 c.y. Class D concrete;
(5) 510 c.y. Class D concrete, for seal;
(6) 158,000 lbs. reinforcing steel;
(7) 269,000 lbs. structural steel;
(8) 474 l.f. concrete rail;
(9) Lump sum, cable.

Total bids follow:
(A) Dodge Construction, Inc., Fallon, $66,846.29.
(B) Utah Const. Co., Ogden, $69,816.78
(C) George French, Jr., Stockton $77,-820.82.
(D) Engineer's estimate, $69,224.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)....	$ .50	$ .60	$ .60	$ .50
(2)....	3.50	4.00	1.00	4.00
(3)....	20.00	22.00	24.00	19.00
(4)....	23.00	25.00	28.00	21.00
(5)....	18.00	23.00	35.00	20.00
(6)....	.055	.06	.055	.05
(7)....	.0625	.07	.065	.0675
(8)....	3.00	4.00	4.00	4.00
(9)....	400.00	200.00	252.00	140.00

22—DREDGING, HARBOR WORKS EXCAVATION

BIDS OPENED

SAN FRANCISCO.—Marinap Corp., 503 Market St. (Anson S. Blake, president) at $278,250 on both Schedule A and B submitted low bid to the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Proposal No. E. R. 868-36-6, for furnishing about 209,000 tons of rock and constructing a rubble retaining wall about 16,000 ft. long, enclosing the upper levels of a fill to be made on the shoal in San Francisco Bay north of Yerba Buena Island.

Bids were taken as follows:
SCHEDULE A—(Rate of Delivery and Placing: 25,000 tons per month)
(1) 61,000 tons furnishing and placing Class A rock;
(2) 58,000 tons do, Class B rock;
(3) 90,000 tons do, Class C rock.
SCHEDULE B—(Rate of Delivery and Placing: 40,000 tons per month)
(1) 61,000 tons furnishing and placing Class A rock;
(2) 58,000 tons do, Class B rock;
(3) 90,000 tons do, Class C rock.

The estimated quantities of the various classes of rock are based on a weight of 155 pounds per solid cubic foot of rock and the following percentages of voids in the retaining wall sections: Class A rock, 35 per cent; Class B rock, 25 per cent; Class C rock, 20 per cent.

The United States will construct a fill about 5,520 feet long, 3,400 feet wide, to elevation 13 feet above mean lower low water, on the shoal north of Yerba Buena Island.

Total bids follow:
(A) Marinap Corp., San Francisco: Schedule A, $278,250; Schedule B, $278,250.
(B) Healy-Tibbitts Const. Co., San Francisco: Schedule A, $323,150; Schedule B, no bid.
(C) George Pollock Co., Sacramento: Schedule A, $344,000; Schedule B, $361,850.
(D) Engineer's estimate, $295,850.

Unit bids follow:

SCHEDULE A

	(A)	(B)	(C)	(D)
(1).....	$1.75	$1.95	$2.20	$1.91
(2).....	1.25	1.55	1.60	1.21
(3).....	1.10	1.27	1.30	1.21

SCHEDULE B

	(A)	(B)	(C)
(1).....	$1.75	$.....	$2.25
(2).....	1.25	.....	1.70
(3).....	1.10	.....	1.40

The Marinap Corp. will furnish rock from the following quarries: Basalt Rock Co., Rocktram; Blake Bros., San Pablo; Daniel Contr. Co., McNear's Point, San Rafael; Hutchinson Co., Greenbrae.

BIDS WANTED

SAN FRANCISCO—Until April 21, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Proposal No. E.R. 868-36-9, for furnishing, placing and driving 300 Douglas fir piles in San Francisco Bay in the shoal lying north of Yerba Buena Island. The piles are to form part of a trestle for supporting the discharge pipe line of a hydraulic dredge.

The piles will be of rough, untreated Douglas fir and will have a minimum dnameter of 14-in. at the butt and of 9-in. at the point and will be of varying lengths, approximately as follows:
(1) 140 65-ft. long;
(2) 80 60-ft. long;
(3) 80 55-ft. long.

Specifications obtainable from the above office.

BIDS REJECTED

PEARL HARBOR, T. H.—The Bureau of Yards & Docks, Navy Department, Washington, D. C., has rejected the only bid received, that of the Hawaiian Dredging Co., Honolulu, at $264,711, for an extension to quay wall of reinforced concrete construction supported on concrete piles and on concrete cylinders on wood piles, etc., under Spec. No. 8014. Bids were opened March 25. * 2

23—IRRIGATION PROJ.

LOW BIDDER

YAKIMA PROJECT, Wash.—J. A. Terteling & Sons, 2232 Fairview Ave., Boise, Idaho, at $275,213.50 submitted low bid to the Bureau of Reclamation, Yakima, under Spec. No. 675, for the construction of earthwork, canal lining and structures, Station 313 plus 00 to Station 576 plus 81.5, Yakima Ridge Canal, Roza Division, Yakima Project, Washington.

Complete bids will be published shortly. * 23

24— STREET LIGHTING SYSTEMS

BIDS OPENED

SAN FRANCISCO — Globe Electric Works, 15th and Mission Sts., San Francisco, at $7044 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,922 for construction and installation of a street lighting system on Eighth St., between Market and Townsend Sts., a PWA project.

Complete bids follow:
Globe Electric Works.....$7044.00
H. C. Reid & Co..... 7152.00
H. S. Tittle Co., Inc..... 7250.00
Abbett Electric Co..... 7690.00
Central Electric Co..... 7757.00
Underground Constr. Co., Berkeley 7897.00
George F. Brayer..... 8900.00

All of San Francisco unless otherwise noted.

Estimated quantities involved are:
(1) 40 luminaires with compensators;
(2) 40 6000-lumen 6.6 ampere Mazda Street Series lamps;
(3) 40 concrete foundations for standards;
(4) 8600 ft. 1½-in. conduit;
(5) 12,500 ft. 5000-volt single conductor No. 8 A.W.F.-R. & L. C. wire
(6) 25 extra stubs in foundations.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

GRAND COULEE DAM, Wash.—Bids for furnishing motor-driven centrifugal pumps and control apparatus for pumping plants for cooling concrete at the Grand Coulee Dam, under Spec. No. 769-D, were opened by the Bureau of Reclamation, Denver, March 27.

Bids were taken as follows:
(1) 3 pumps, 500-gpm, 220-ft. head;
(1a) Additional runner;
(2) 4 pumps, 750-gpm, 220-ft. head;
(2a) Additional runner;
(3) 3 pumps, 1,000-gpm, 220-ft. head;
(3a) Additional runner;
(4) 1 pump, 1,500-gpm, 220-ft. head;
(4a) Additional runner;
(5) 2 priming pumps, 30-gpm, 40-ft. head.

Complete bids follow:

Allis-Chalmers Mfg. Co., Milwaukee, Wis.: (1) $2,709; (1a) $46; (2) $4,645; (2a) $46; (3) $4,495; (3a) $60; (4) $1,775; (4a) $75; (5) $249; fob Coulee, Wash.; net.

Gardner-Denver Co., Denver: (1) $1-795; (1a) $20; (2) $2,896; (2a) $20; (3) $3,645; (3a) $35; (4) $1,482; (4a) $45; (5) $182; fob Coulee, Wash.; net.

Dayton Dowd Co., Quincy, Ill.: (1) $1,620; (1a) $25; (2) $3,148; (2a) $45; (3) $3,147; (3a) $56; (4) $1,332; (4a) $58; (5) $185; fob Quincy; net.

Aldrich Pump Co., Allentown, Pa.: (1) $3,063; (1a) $57; (2) $4,084; (2a) $57; (3) $3,855; (3a) $95; (4) $1,682; (4a) $95; (5) $422; fob Allentown; net.

Pennsylvania Pump & Compressor Co., Easton, Pa.: (1) $1,848; (1a) $41; (2) $3,564; (2a) $52; (3) $4,014; (3a) $107; (4) $1,593; (4a) $107; (5) $200; fob Easton; net.

Woodin & Little, Inc., San Francisco: (1) $1,862.50; (1a) $18.75; (2) $3,020; (2a) $18.75; (3) $3,630; (3a) $33; (4) $1,443; (4a) $33; (5) $180; fob Coulee; net.

Aurora Pump Co., Aurora, Ill.: (1) $1,947; (1a) $48; (2) $3,631; (2a) $58; (3) $3,666; (3a) $68; (4) $1,450; (4a) $72; (5) $186; fob Aurora; net.

Worthington Pump & Machinery Co. Harrison, N. J.: (1) $1,767; (1a) $36;

(2) $3,074; (2a) $40; (3) $2,762; (3a) $75; (4) $1,306; (4a) $104; (1, 2, 3, 4, 5) $8,725; fob Harrison; net.

Bingham Pump Co., Inc., Portland, Ore.: (1) $1,842; (1a) $39; (2) $3,188; (2a) $39; (3) $3,609; (3a) $44.50; (4) $1,526; (4a) $44.50; (5) $262; (1, 2, 3, 4, 5) $9,788; fob Portland; net.

Palmer Supply Co., Seattle: (1) $1,773; (1a) $34; (2) $3,240; (2a) $26; (3) $2,892; (3a) $60; (4) $1,297; (4a) $70; (5) no bid; fob Battle Creek, Mich.; net.

Morris Machine Works, Baldwinsville, N. Y.: (1) $1,884; (1a) $28; (2) $3,936; (2a) $46; (3) $3,429; (3a) $46; (4) $1,410; (4a) $46; (5) no bid; fob Baldwinsville; net.

Byron Jackson Co., Berkeley: (1) $2,045; (1a) $45; (2) $3,520; (2a) $45; (3) $3,591; (3a) $75; (4) $1,625; (4a) $90; (5) no bid; fob Berkeley net.

Ingersoll-Rand Co., Denver,: (1) $1,811; (1a) $40; (2) $3,395; (2a) $45; (3) $3,181; (3a) $50; (4) $1,526; (4a) $97; (5) no bid; fob Phillipsburg, N. J.; net.

Ingersoll-Rand Co., Denver: (alternate bid): (4) $1,268; (4a) $97; fob Phillipsburg.

Dana E. Kepner, Denver: (1) $1,657.64; (1a) $45; (2) $3,018.12; (2a) $45; (3) $2,899.76; (3a) $55; (4) $1,375.60; (4a) $100; (5) $246.16; (1, 2, 3, 4, 5) $9,040; fob Trenton, N. J.; discount ½%.

United Iron Works, Oakland: (1) $2,131; (1a) $40; (2) $3,394; (3a) $40; (4) $1,697; (4a) $65; (5) $230; fob Oakland; discount, 2%.

United Iron Works, Oakland (alternate bid): (5) $168; fob Oakland.

Fairbanks, Morse & Co., Kansas City, Mo.: (1) $1,672; (1a) $31.50; (2) $3,084; (2a) $33.60; (3) $2,770; (3a) $42; (4) $1,372; (4a) $84; (5) $185; fob Beloit, Wis.; net; alternate bid: (2) $2,575; (2a) $33.60; fob Beloit.

Sterling Pump Corp., Stockton: (5) $286; fob Stockton; net.

Bids held under advisement.

CONTRACTS AWARDED

ARGENTA SIDING, Nev.—General Excavator Co., Marion, Ohio, at $7,626.55 for one ¾-c.y. dragline excavator; and the Isaacson Iron Works, Seattle, at $550, for two dragline buckets, awarded contracts by the Bureau of Reclamation, Denver, under Spec. No. 764-D, for furnishing equipment for use on the Humboldt Project, Nev.

BIDS OPENED

GRAND COULEE DAM, Washington.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 783-D, for furnishing either one 60-ton, 4-section, or one 100-ton, 2-section railroad track scale for the Columbia Basin Project:

Winslow Government Standard Scale Works, Terre Haute, Ind.: (1) $4,492; (2) $6,309; (3) services of erecting engineer, $12 per day; fob Odair; 2% discount.

Fairbanks, Morse & Co., Chicago: (1) $5,025; (2) $7,632; (3) $15 per day; fob Odair; net.

McDonald-Hunt Scale & Supply Co., Denver: (1) $5,042; (2) $7,504; (3) $15 per day; fob Odair; net.

Buffalo Scale & Mfg. Co., Buffalo: (1) $5,042; (2) $7,828; (3) $15 per day; fob Odair; net.

Bids held under advisement.

BIDS OPENED

SACRAMENTO, Cal. — Edward R. Bacon Co., 17th and Folsom Streets, San Francisco, at $1697.50 submitted only bid receieved by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Proposal No. 1105-36-225, for furnishing one gasoline engine driven 2-drum stationary hoist.

28 — FIRE EQUIPMENT

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—Until April 20, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, for the sale of 500 l.f. of 2½-in. dia. double jacket fire hose complete with couplings. The hose has been in use for approximately four years and may be inspected at the San Mateo Fire Department.

28 — FIRE EQUIPMENT

BIDS WANTED

PORTERVILLE, Tulare Co., Calif.—Until April 21, 7 P. M., bids will be received by the Porterville City Council,309 Putnam Ave., F. M. Pfrimmer, City Manager, for furnishing and installing a 600-gal. pump on Type 38 American-LaFrance fire engine.

Specifications obtainable from City Clerk's office.

CONTRACT AWARDED

OAKLAND, Calif. — American - La France & Foamite Corp., 1800 Park Blvd., Oakland, at $9,197.90 awarded contract by the Oakland City Council for furnishing one service fire truck.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

NAVAJO COUNTY, Ariz.—O. F. Fisher, 516 South 7th St., Phoenix, at $244,610 awarded contract by Arizona State Highway Commission, Phoenix, for highway construction on Show-low-Springerville Highway, WPH 105-C, A.F.E. 6023. The work, which is to begin about 27 miles east of Show-low and extend easterly about 15½ miles, consists of the grading and draining of the roadway and the placing of A. B. C., and is to be completed on or before April 30, 1937. The bids were opened April 9

The principal items are:

114,700 c.y. rdwy. excv.;
201,800 c.y. imported borrow;
215,300 c y. mi. haul of imported borrow;
48,300 c.y. ABC (CIP);
1,600 c.y. concrete;
173,150 lbs. reinf. steel;
86,800 lbs. structural steel;
2,246 l.f. CM pipe;
163,800 l.f. standard line fence;
3,424 l.f. road guard;
1,560 M. gals. water for sprinkling;
780 hours rolling.

Ken Hodgman, Pasadena, submitted the second low bid at $266,731.

BIDS WANTED

SIERRA and Nevada Cos., Calif.—Until April 27, 10:30 A. M., bids will be received by the Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for applying penetration oil treatment on about 48.2 miles in Sierra and Nevada Counties, between Downieville and Route 83, between 7.1 miles north of Truckee and 5.7 miles north of Nevada-Sierra County Line, and between Sierraville and Calpine.

The work involves:

(1) 325 tons liquid asphalt, SC-4, in place (Location A);
(2) 180 tons liquid asphalt, SC-2, in place (Location B);
(3) 120 tons liquid asphalt, SC-3, in place (Location C).

Plans and specificatioons obtainable from the above office

BIDS WANTED

STOREY and Washoe Cos., Nev.—Until April 23, 2:30 P. M., as previously reported, bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, for the surfacing of portions of the State highway system in Storey and Washoe Counties, Route 17, Sections A, A2 and A3, between a point approximately eight miles southeast of Browns to a point approximately 0.6 mile southeast of Browns (Geiger Grade) a length of approximately 7.44 miles.

The work involves

(1) 38 l.f. remove culvert pipe;
(2) 1 each, remove culvert headwall;
(3) 100 c.y. roadway excavation;
(4) 770 c.y. structure excavation;
(5) 7.45 miles subgrade;
(6) 7.45 miles finish roadway;
(7) 35,050 tons crush. gravel or stone surface;
(8) 36 c.y. Class B concrete;
(9) 940 lbs. reinforcing steel;
(10) 1,710 l.f. 15-in. CMP;
(11) 632 l.f. 18-in. CMP;
(12) 110 l.f. 48-in. CMP;
(13) 38 l.f. relay culvert pipe;
(14) 9 each 21x24-in. gate ;
(15) 6 each 24x24-in. grate;
(16) 20,360 c.y. select borrow.

Plans and specifications obtainable from the above office upon deposit of $5.00, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco. *

CONTRACT AWARDED

MARICOPA COUNTY, Ariz. — Arizona Sand & Rock Co., 7th and Riverbank Sts., Phoenix, at $17,600 was awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on Phoenix - Tempe Highway, NRM 30-B, AFE 519.

The work, which is located in Phoenix on West Van Buren St. between 7th and 3rd Avenues, consists of widening and resurfacing present pavement and incidental work, and is to be completed on or before Aug. 15, 1936. *

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until April 27, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of Saratoga Avenue between Stevens Creek Rd. and Prospect Rd.

The work involves:

(1) 277,500 sq. ft. asphaltic concrete surfacing;
(2) 2800 tons asphaltic concrete base.

Plans and specifications obtainable from the office of County Surveyor R. D. Chandler at a charge of $1.00.

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Earl W. Heple, 494 Delmas Ave., San Jose, at $9,648 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors for the improvement of Ruby Ave., involving 101,000 sq. ft. of oil macadam.

Complete bids follow:

Earl W. Heple, San Jose	$ 9,468
A. J. Raisch, San Jose	10,265
Engineer's estimate	9,215

CONTRACT AWARDED

COCONINO COUNTY, Ariz.—Jack Casson, P. O. Box 2293, Phoenix, at $74,968.75 awarded contract by Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for placing a crushed rock base on all of Route 8, Hermit's Rest and the Headquarters Service roads and parking areas, Grand Can-

yon National Park, Coconino County.

The length of the project is 9.141 miles, exclusive of service roads and parking areas, which have an area of approximately 67,205 sq. yds.

BIDS OPENED

SANTA CLARA COUNTY, Cal.—Pacific Truck Service Co., Inc., 646 Park Ave., San Jose, at $5414.50 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying penetration oil treatment on about 17.9 miles in Santa Clara County, between one mile east of Alum Rock Road and Mt. Hamilton Observatory, involving 425 tons of liquid asphalt, Type SC-2, in place.

Complete bids follow:

Pacific Truck Service Co., Inc., San Jose, $5414.50.
Palo Alto Road Materials Co., Palo Alto, $5482.50.
Lee J. Immel, Berkeley, $5712.
Oilfields Trucking Co., Bakersfield, $5720.50.
A. J. Raisch, San Jose, $7607.50.

BIDS WANTED

PINAL COUNTY, Arizona. — Until April 28, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on Mesa-Superior Highway, WPH 7. The work, which extends from Florence-Superior Highway juncton northwesterly about 3.9 miles consists of grading and draining over a new location, and is to be completed on or before Dec. 31, 1936.

The principal items and approximate quantities are:

95,000 c.y. roadway excavation;
15,500 c.y. drainage excavation;
2,100 c.y. structural excavation;
102,000 sta. yds. overhaul;
45,500 c.y. mi. haul;
1,522 c.y. concrete;
131,850 lbs. reinforcing steel;
216,000 lbs. structural steel;
720 l.f. corru. metal pipe (5 sizes);
42,600 l.f. fence;
200 hours rolling;
500 M. gals. sprinkling.

Funds in the amount of $120,000 have been programmed for the construction of this project. T. S. O'Connell, State Highway Engineer.

BIDS WANTED

APACHE COUNTY, Arizona.—Until May 5, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction of the Showlow-Concho Highway, W P S O 104-A, Schedule 3, AFE 609.

The work, which begins about 25 miles east of Showlow and extends northeasterly toward Concho for a distance of about 3.9 miles, consists of grading and draining the roadway, and is to be completed on or before Sept. 30, 1936.

The principal items and approximate quantities are:

8,000 c.y. roadway excavation;
54,700 c.y. imported borrow;
77,100 c.y. mi. imported borrow haul;
31 c.y. Class A concrete;
800 lbs. reinf. steel;
610 l.f. corru. metal pipe (3 sizes);
1 cattle guard;
1,800 l.f. line fence;
500 hours rolling;
3,600 c.y. stripping pits.

Certified or cashier's check for 5%, must accompany bid. T. S. O'Connell State Highway Engineer.

CONTRACT AWARDED

SAN DIEGO COUNTY, Calif. — Square Oil Co., 934 Adobe St., Los Angeles, at $2025 awarded contract by the State Highway Commission, Sacramento, for applying penetration oil treatment to existing shoulders on about 10.2 miles in San Diego County, between Otay Junction and Coronado.

SAN FRANCISCO — SUNSET RESERVOIR — (CITY)

SAN FRANCISCO.—Piombo Bros. & Co., 1571 Turk St., at $238,121 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 110, for the excavation and embankment for the Sunset Reservoir, a PWA project.

The contract covers principally the excavation and the construction of a fill and embankment for a reservoir of about 90,000,000 gallons capacity. The proposed work is located in the area bounded by Ortega St., Quintara St., 24th Ave. and 28th Ave. The entire reservoir surface in excavation and the surface of the reservoir floor in fill is to be covered with a rolled clay blanket.

The work involves:

(1) 68,000 c.y. excavating and placing in embankment and reservoir fill;
(2) 186,000 c.y. excavating for reservoir and disposing of surplus material;
(3) 114,000 c.y. removing overburden from borrow pits in adjacent lots;
(4) 115,000 cy. excavating and placing clayey-sand or material other than rock obtained from borrow pits in adjacent lots;
(5) 90,000 c.y. excavating and placing clayey-sand or material other than rock obtained from Balboa Reservoir site;
(6) 47,000 c.y. excavating and placing rock obtained from borrow pits in adjacent lots;
(7) 600 hours, providing and operating blade graders;
(8) 500 hours, providing and operating harrows;
(9) 2,650 hours providing and operating tamping rollers;
(10) 1,050 hours providing and operating power rollers;
(11) 3,150 c.y. excavating and backfilling cut-off trenches and test shafts to a depth of 10 ft. or less;
(12) 250 c.y. excavating and backfilling cut-off trenches and test shafts between a depth of 10 ft. and 20 ft.;
(13) 3,750 c.y. structure excavation;
(14) 4,100 c.y. excavatien for drain trenches;
(15) 2,740 .f. furnishing and installing 6-in. tile drain pipes;
(16) 1,660 l.f. do 8-in. tile drain pipes;
(17) 4,100 c.y. furnishing and placing gravel or rock backfill for drain trenches;
(18) 8,900 c.y. furnishing and spreading soil on outer slopes of embankment;
(19) 800 c.y. concrete work;
(20) 108,000 lbs. reinforcing steel;
(21) 15,000 lbs. furnishing and installing miscellaneous metal work.

Total bids follow:

(A) Piombo Bros. & Co., San Francisco, $238,121.00.
(B) David H. Ryan, San Diego, $246,866.00.
(C) Barrett & Hilp, San Francisco and Macco Const., Clearwater, $280,321.00.
(D) Sibley Grading & Teaming Co., San Francisco, $291,897.80.
(E) Chas. L. Harney, San Francisco, $294,707.00.
(F) Guy F. Atkinson, San Francisco, $325,746.00.
(G) MacDonald & Kahn Co., Ltd., San Francisco, $366,595.50.
(H) George Pollock, Sacramento, $383,861.00.
(I) Bayshore Const. Co., Inc., San Francisco, $398,616.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ .18	$ .15	$ .125	$ .16	$ .20	$ .28	$ .27	$ .25	$ .27
(2)	.25	.27	.33	.30	.30	.40	.27	.50	.42
(3)	.18	.13	.15	.125	.20	.23	.293	.33	.26
(4)	.23	.27	.26	.29	.28	.30	.31	.33	.40
(5)	.57	.45	.65	.75	.65	.68	.70	.75	1.00
(6)	.42	.60	.70	.30	.70	.40	.95	.60	.64
(7)	5.00	7.00	6.00	5.00	6.50	6.50	8.00	7.50	6.00
(8)	4.75	6.00	4.50	5.00	6.25	6.00	8.00	5.00	6.00
(9)	5.50	6.00	5.00	5.00	6.50	6.50	8.00	6.00	6.00
(10)	3.50	2.50	3.50	4.00	4.50	6.00	8.00	5.50	5.00
(11)	.60	.50	.60	3.00	1.00	3.00	4.25	3.50	3.30
(12)	1.50	.70	1.20	8.00	2.50	3.60	6.00	10.00	5.00
(13)	.40	.50	1.00	2.50	1.00	1.50	1.10	2.50	3.00
(14)	.40	.60	.30	2.25	.70	1.25	3.80	1.00	1.85
(15)	.30	.20	.40	.15	.30	.40	.30	.50	.30
(16)	.40	.30	.50	.23	.45	.75	.40	.60	.40
(17)	2.20	3.00	3.00	2.75	2.60	2.50	4.00	3.00	3.00
(18)	.60	.60	.90	1.00	.64	1.00	1.25	1.50	1.10
(19)	14.00	16.00	16.50	18.00	16.50	15.00	15.25	15.00	20.00
(20)	.04	.06	.045	.05	.05	.04	.045	.05	.045
(21)	.065	.14	.12	.15	.18	.15	.15	.10	.25

Bids held under advisement.

SAN FRANCISCO — FIRE CISTERNS — (CITY)

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., San Francisco, at $18,461.10 submitted low bid to the Department of Public Works, City Hall under Spec. No. W. D. 18,875, for construction of three fire cisterns, Group 5, AWSS for Fire Protection, a PWA project.

The work involves:

(1) One 75,000-gal. reinf. concrete cistern at Market and Laguna Sts.;
(2) One do at Market opp. Gough St.;
(3) One do at Grove St. and Van Ness;
(4) 84 c.y. excav. and backfill, test trenches;
(5) 217 sq. ft. repaving test trenches.

Total bids follow:

(A) Eaton & Smith, San Francisco, $18,461.10.
(B) Mills Const. Co., San Francisco, $19,422.25.
(C) Sibley Grading & Teaming Co., San Francisco, $20,633.10.
(D) E. J. Treacy, San Francisco, $21,585.60.
(E) C. C. W. and H. H. Haun, San Francisco, $21,754.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(F)
(1)	$6090.00	$6400.00	$6800.00	$7126.16	$7000.00
(2)	6090.00	6400.00	6800.00	6491.16	7000.00
(3)	6090.00	6400.00	6800.00	7735.18	7500.00
(4)	1.50	1.00	2.00	2.00	2.00
(5)	.30	.25	.30	.30	.40

Bids held under advisement.

BIDS WANTED

OAKLAND, Cal.—Until May 4, 4:30 P. M., bids will be received by the City of Oakland Port Commission, A. H. Abel, Secretary, for paving and roadways leading to the 504-foot extension at Outer Harbor Terminal.

Plans and specifications will be obtainable from the above office after April 20, upon deposit of $25. •

CONTRACT AWARDED

BONNEVILLE DAM, Ore.—General Electric Co., 1 River Road, Schenectady, at $77,285.33 awarded contract by the U. S. Engineer Office, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, under Bid No. 694-36-264, for manufacturing and delivering 2400-volt metal clad switch gear fo rthe power house station service system, Bonneville Dam.

TO PREPARE PLANS

VALLEJO, Solano Co., Calif.—City Council has instructed City Engineer T. D. Kilkenney to prepare alternate plans and specifications providing for Portland cement concrete or asphalt concrete pavement on the reconstruction of approximately four miles of city streets. Work will be financed with proceeds of a $300,000 bond issue voted in April, 1935. H. J. Brunnier, Sharon Bldg., San Francisco, consulting engineer.

BIDS WANTED

KERN COUNTY, Cal.—Until April 27, 10 A. M., bids will be received by the Division of Highways, R. M. Gillis, District Engineer, Fresno, for applying road-mix surface treatment to existing shoulders on about 11.4 miles in Kern County between five miles east of Harts Station and two miles west of Wasco.

Plans and specifications obtainable from the above office. • 9

BIDS OPENED

IMPERIAL COUNTY, Cal.—Morgan Bros., 5919 Maywood Ave., Huntington Park, at $3,433.50 submitted low bid to the Division of Highways, E. E. Wallace, District Engineer, San Diego, for furnishing and applying liquid asphalt to existing shoulders on about 12.6 miles in Imperial County between Sand Hills and one mile west of Yuma involving:

(1) 250 tons of liquid asphalt, SC-2, in place (Location A);
(2) 100 tons do (Location B).

Complete bids follow:

Morgan Bros., Huntington Park: (1) $9.81; (2) $9.81; total, $3433.50.

Square Oil Co., Los Angeles: (1) $10.20; (2) $10.20; total, $3,570.

Paulsen & March, Inc., Los Angeles: (1) $10.49; (2) $10.49; total, $3,671.50.

Regal Oil Co., Long Beach: (1) $10.70; (2) $10.70; total, $3,745.

Lambs Transfer Co., Long Beach: (1) $10.77; (2) $10.77; total, $3,769.50.

Gilmore Oil Co., Los Angeles: (1) $10.93; (2) $10.93; total, $3,825.

CONTRACT AWARDED

SAN DIEGO COUNTY, Calif. — Square Oil Co., 934 Adobe St., Los Angeles, at $6170 awarded contract by the State Highway Commission, Sacramento, for applying penetration oil treatment to existing shoulders on about 57.1 miles in San Diego County, between Poway Creek and northerly boundary, between Oceanside and San Luis Bridge, and between Oceanside and Vista.

LOW BIDDER

ROSEVILLE, Placer Co., Cal.—John Rastler, Riverside Ave., Roseville, at $221.00 submitted low bid to the Custodian, U. S. post office, Roseville, for new sidewalks, etc., at the post office.

Bids referred to the Treasury Department, Washington, for award.

COLUSA, YOLO COUNTIES, ETC.—36.7 Mi. Oil Treatment

COLUSA, Yolo, Butte and El Dorado Cos., Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $8,300.97 submitted low bid to the Division of Highways, C. H. Whitmore, District Engineer, Mrysville, for applying penetration oil treatment on about 36.7 miles in Colusa, Yolo, Butte and El Dorado Counties, between Route 15 and Rumsey; Forest Ranch and Lomo; Yolo-Colusa County Line and Grimes, and between Placerville and Georegtown.

The work involves:

(1) 340 tons liquid asphalt, SC-2 (Location A);
(2) 82 tons liquid asphalt, SC-4)Location B);
(3) 82 tons liquid asphalt, SC-3 (Location C);
(1) 83 tons liquid asphalt, SC-4 (Location D).

Total bids follow:

(A) Lee J. Immel, Berkeley, $8,300.97.
(B) Oilfields Trucking Co., Bakersfield, $8,374.61.
(C) C. F. Fredericksen & Sons, Lower Lake, $8,429.65.
(D) Chas. Kuppinger, Lakeport, $8,644.35.
(E) E. H. Hilliard, Sacramento, $9,232.66.
(F) Palo Alto Road Materials Co., Palo Alto, $9,576.50. •
(G) A. Teichert & Son, Inc., Sacramento, $10,052.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$12.63	$12.83	$12.51	$13.45	$14.65	$14.00	$16.00
(2)	16.87	16.77	19.70	17.55	18.19	22.50	19.00
(3)	15.14	15.41	13.77	15.45	15.44	16.50	17.00
(4)	16.65	16.55	17.35	16.45	18.00	19.50	20.00

MARIN COUNTY — WALDO TUNNEL — (STATE

MARIN COUNTY, Cal.—T. E. Connolly, 461 Market St., San Francisco, at $587,917.50 submitted low bid to the State Highway Commission, Sacramento, for constructing about 0.3 mile of graded roadway approach and roadway tunnel with Portland cement concrete lining and pavement, in Marin County between Sausalito and the Golden Gate Bridge.

The work involves:

(1) 1,900 M. gals. water;
(2) 60,000 c.y. rdwy. excav.;
(3) 9,000 c.y. struc. excav.;
(4) 51,000 c.y. tunnel excav.;
(5) 600,000 sta. yds. overhaul;
(6) 750 c.y. pavement subbase;
(7) 1,050 c.y. Class A Portland cement concrete (pave.);
(8) 2,800 c.y. Class A do (struc.);
(9) 175 c.y. Class A do (curbs and sidewalks);
(10) 200 l.f. conc. tunnel lining (Section A);
(11) 800 l.f. do (Section B);
(12) 370,000 lbs. bar reinf. steel (pave and struc.);
(13) 1,400 each pavement dowels;
(14) 1,000,000 lbs. struc. steel;
(15) 3,300 lbs. cast iron catchbasin covers and frames;
(16) 2,020 l.f. 8-in. perf. metal pipe underdrains;
(17) 180 c.y. rock filling material (underdrains);
(18) 60 l.f. 18-in. CMP;
(19) 1,200 l.f. 2-in. steel pipe (weepers)
(20) 700 l.f. 4-in. cast iron soil pipe (weepers);
(21) 350 l.f. 6-in. cast iron pipe;
(22) 450 l.f. 8-in. cast iron pipe;
(23) 150 l.f. 12-in. cast iron pipe;
(24) 4,300 lbs. copper strips;
(25) 1 lot lighting equipment.

NOTE: The State will furnish corrugated metal pipe, perforated metal pipe, and spillway assemblies as more explicitly set forth in the special provisions.

Total bids follow:

(A) T. A. Connolly, San Francisco, $587,917.50.
(B) Jahn & Bressi Const. Co., Inc., Rice, $635,652.50.
(C) Utah Const. Co., Winston Bros. Co. and Paul J. Tyler, San Francisco, $654,255.00.
(D) L. E. Dixon, Bent Bros., Inc., and Johnson, Inc., Los Angeles, $665,428.50.
(E) Guy F. Atkinson, San Francisco, $669,066.00.
(F) D. McDonald, Sacramento, and MacDonald & Kahn Co., Ltd., San Francisco, $723,848.00.
(G) George Pollock, Sacramento, and Youdall Const. Co., San Francisco, $743,765.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .70	$ 1.00	$ 1.00	$ .50	$ .50	$ 2.50	$ .50
(2)	.60	.50	.60	.55	.50	.40	.50
(3)	1.00	1.50	1.20	1.25	1.20	2.00	1.50
(4)	4.40	4.50	5.20	5.00	5.65	5.86	5.50
(5)	.005	.005	.008	.005	.005	.02	.01
(6)	2.00	2.25	2.00	3.57	2.00	3.50	3.50
(7)	9.80	11.00	11.00	10.00	10.00	11.50	12.00
(8)	12.70	20.00	17.00	22.00	16.00	17.00	16.00
(9)	17.00	15.00	17.00	15.00	11.00	16.00	14.00
(10)	220.00	250.00	210.00	226.00	200.00	250.00	335.00
(11)	165.00	195.00	175.00	176.00	175.00	200.00	245.00
(12)	.055	.06	.05	.052	.04	.055	.05
(13)	.40	.15	.20	.50	.25	.30	.30
(14)	.0575	.065	.06	.07	.07	.06	.055
(15)	.15	.20	.12	.10	.10	.15	.15
(16)	1.00	.50	.90	.30	.25	.40	.25
(17)	2.00	2.00	1.80	4.00	2.50	3.50	2.00
(18)	1.50	1.00	1.70	1.00	.60	1.00	1.00
(19)	.25	.50	.60	.30	.30	.50	1.00
(20)	.30	1.00	1.00	.80	1.00	1.20	1.00
(21)	1.00	3.00	1.50	1.00	3.00	1.50	1.50
(22)	1.30	5.00	2.20	1.60	4.00	1.80	2.00
(23)	2.25	7.00	3.80	2.60	7.00	3.00	2.50
(24)	.35	.40	.35	.30	.70	.50	1.00
(25)	3200.00	3000.00	3500.00	3500.00	3000.00	3000.00	4000.00

BID$S OPENED

SAN DIEGO COUNTY, Cal. — Square Oil Co., 934 Adobe St., Los Angeles, at $6170 submitted low bid to the Division of Highways, E. E. Wallace, District Engineer, San Diego for applying penetration oil treatment to existing shoulders on about 57.1 miles in San Diego County, bet. Poway Creek and northerly boundary, between Oceanside and San Luis bridge, and between Oceanside and Vista.

The work involves:
(1) 310 tons SC-2 road oil in place, Loc. "A";
(2) 590 tons SC-2 road oil in place, Loc. "B."

Complete bids follow:
Square Oil Co.—(1) $6.20; (2) $7.20; total, $6170.
Morgan Bros., Huntington Park—(1) $7.18; (2) $7.18; total, $6462.
R. E. Hazard & Son, San Diego—(1) $7.77; (2) $7.77; total, $6993.
Paulsen & March, Los Angeles—(1) $8.06; (2) $7.88; total, $7147.80.
Lamb's Transfer Co.—(1)$7.98; (2) $8.21; total, $7317.70.
Gilmore Oil Co., Los Angeles—(1) $7.83; (2) $8.48; total, $7430.50.

LAGUNA BEACH — SANITARY SEWERS — (CITY)

LAGUNA BEACH, Orange Co., Cal. —Nick Chutuk, 4915 West Blvd., Los Angeles, as $34,393.40 submitted low bid and awarded contract by the Laguna Beach city council (subject to P W A approval) for the construction of vitrified clay pipe sanitary main sewers, house connection sewers, manholes, reinforced concrete sump and pump chamber, switch boards, conduits, valves, fittings, resurfacing, etc. for the construction of a sewer system in Park Ave., Sanitary Lateral Sewer District No. 2, in accordance with plans and specifications prepared by A. J. Stead, city engineer. Work is being financed by PWA grant and loan and by 1911 act bonds.

The work involves:
(1) 14,903 l.f. 8-in. vit. clay pipe lateral sewers
(2) 2580 l.f. 6-in. vit. clay pipe house connection sewers;
(3) 170 l.f. 4-in. C I pipe pressure line;
(4) 675 vertical ft. stand. manholes;
(5) 6 units flushing manholes;
(6) 1 unit reinf. conc. pumping plant complete (2 pumps, each 75-G. P. M. against 28-ft. head);
(7) 1 unit lowering and reconstructing existing pumping plant.

The total bids were:
(A) Nick Chutuk, Los Angeles, $34,-393.40.
(B) John Grancich, Los Angeles, $34,-421.01.
(C) J. L. Kruly, Los Angeles, $35,-477.20.
(D) J. C. Hickey, Alhambra, $35,982.50
(E) Sutalo & Ramljak, Los Angeles, $37,569.50.
(F) VCK Const. Co., Los Angeles, $37-997.95.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 1.30	$ 1.67	$ 1.40	$ 1.50	$ 1.72	$ 1.56
(2)	1.20	.65	1.35	1.40	1.20	1.50
(3)	1.45	1.00	1.50	1.80	2.00	1.75
(4)	11.00	7.00	11.00	10.00	8.00	7.70
(5)	142.00	93.50	150.00	150.00	100.00	150.00
(6)	2300.00	1500.00	1900.00	1400.00	2000.00	2000.09
(7)	1100.00	800.00	650.00	600.00	500.00	885.00

MARIN COUNTY — 3.4 MI. GRADE AND SURFACE — (STATE)

MARIN COUNTY, Cal.—Macco Construction Co., 815 Paramount Boulevard, Clearwater, at $770,204.80 submitted low bid to the State Highway Commission, Sacramento, for about 3.4 miles grading and surfacing with plant-mixed surfacing on crusher run base in Marin County between Waldo Point and the Golden Gate Bridge.

The work involves:
(1) 178 sta. clearing and grubbing right of way;
(2) 33,000 M. gals. water;
(3) 1,752,700 c.y. rdwy. excav., unclassified;
(4) 13,100,000 sta. yds. overhaul;
(5) 12,500 c.y. struc. excav.;
(6) 178 sta. finishing rdwy.;
(7) 35,000 tons crusher run base;
(8) 95 tons liquid asph. MC-2 (prime coat);
(9) 15,000 tons of mineral aggregate (plant-mixed surf.);
(10) 750 tons liquid asphalt MC-5 or MC extra heavy (plant-mixed sur.);
(11) 1,100 tons screenings (seal coat);
(12) 70 tons liquid asphalt MC-3 (do);
(13)) 160 tons liquid asphalt SC-1A or SC-2 (seal coat);
(14) 46,000 lbs. bar reinf. steel (struc.)
(15) 475 c.y. Class A Portland cement concrete (struc.);
(16) 3,200 c.y. rubble masonry;
(17) 3,992 l.f. 8-in. CMP, 16 gauge;
(18) 900 l.f. 12-in. do;
(19) 480 l.f. 15-in. do;
(20) 3,050 l.f. 18-in. do;
(21) 2,100 l.f. 24-in. CMP 12 gauge;
(22) 930 l.f. 30-in. CMP 10 gauge;
(23) 8,180 l.f. 8-in. perf. metal pipe underdrains;
(24) 1,440 c.y. rock filling material (underdrains);
(25) 100 l.f. 6-in. vit. clay pipe;
(26) 31 each spillway assemblies;
(27) 500 each guide posts;
(28) 5.0 mile standard property fence;
(29) 2.0 miles special do;
(30) 20 each fence gates (standard fence);
(31) 12 ea. fence gates (special fence)
(32) 100 each monuments;
(33) 225 c.y. removing concrete.

NOTE: The State will furnish corrugated metal pipe, perforated metal pipe, and spillway assemblies as more explicitly set forth in the special provisions.

Total bids follow:
(A) Macco Const. Co., Clearwater, $770,204.80.
(B) Guy F. Atkinson, San Francisco, $828,875.80.
(C) D. McDonald, Sacramento, and MacDonald & Kahn Co., Ltd., San Francisco, $836,584.60.
(D) Jahn & Bressi Const. Co., Inc., Rice, $872,534.10.
(E) Martin Wunderlich, Jefferson City Mo., $892,408.00.
(F) Eaton & Smith, San Francisco, $930,885.10.
(G) Bodenhamer Const. Co., Oakland, and David H. Ryan, San Diego, $943,251.00.
(H) Granfield - Farrar & Carlin, San Francisco, $947,394.80.
(I) Daley Corp., San Diego, $1,116,-581.00.
(J) Utah Const. Co., Winston Bros. Co., and Paul J. Tyler, San Francisco, $1,196,892.30.
(K) George Pollock Co., Sacramento, $1,374,712.16.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	$ 75.00	$ 30.00	$ 60.00	$ 25.00	$ 15.00	$ 60.00	$ 20.00	$100.00	$ 90.00	$ 60.00	$ 50.00
(2)	1.00	.40	1.00	.40	.40	.50	1.00	.30	.55	.70	.25
(3)	.294	.335	.298	.35	.33	.378	.335	.395	.44	.47	.56
(4)	.002	.002	.005	.003	.0025	.004	.0075	.003	.005	.008	.01
(5)	1.00	.80	1.30	.75	1.00	1.00	.50	1.00	1.50	.90	2.00
(6)	5.00	5.00	5.00	15.00	10.00	10.00	5.00	10.00	20.00	10.00	25.00
(7)	1.25	1.92	1.80	2.00	2.12	1.75	2.00	1.75	2.35	2.00	1.80
(8)	16.00	18.20	20.00	18.00	18.50	18.00	18.00	18.40	15.00	20.00	18.00
(9)	2.00	2.44	2.05	2.60	2.50	2.00	3.00	2.10	2.60	2.40	2.50
(10)	15.00	15.50	18.00	16.00	15.00	15.00	16.00	16.10	17.50	20.00	17.00
(11)	1.50	2.70	3.00	2.75	2.50	3.00	2.65	2.30	2.25	2.50	2.75
(12)	16.00	18.20	20.00	20.00	18.50	18.00	18.00	18.38	15.00	20.00	20.00
(13)	10.50	13.50	16.00	14.00	12.00	12.60	11.50	11.50	10.00	16.00	15.00
(14)	.055	.04	.05	.07	.05	.0455	.05	.05	.0475	.05	.05
(15)	20.00	16.00	17.00	20.00	20.00	13.00	20.00	18.00	16.00	17.00	18.00
(16)	7.50	9.50	11.50	7.00	12.00	7.50	12.00	8.00	14.00	11.00	16.00
(17)	1.00	.15	.25	.30	.50	.50	.25	.35	.25	.90	.30
(18)	.50	.20	.30	.50	.50	.50	.30	.37	.35	1.10	.40
(19)	.55	.25	.35	.50	.50	.75	.40	.42	.40	1.20	.45
(20)	.75	.35	.40	.75	.60	.75	.50	.47	.50	1.70	.50
(21)	.90	.40	.60	1.00	.65	1.25	.75	.55	.60	2.40	.55
(22)	1.25	.50	.80	1.50	.75	1.50	1.00	.68	1.00	3.50	.60
(23)	1.25	.15	.25	.30	.60	.25	.30	.35	.25	.90	.30
(24)	2.00	1.75	2.00	1.75	2.25	3.50	2.00	1.50	2.50	1.80	5.00
(25)	.40	.25	.50	1.00	.50	.75	1.00	1.00	1.00	.70	.70
(26)	10.00	5.00	10.00	5.00	3.00	2.50	5.00	8.00	3.00	15.00	10.00
(27)	2.00	2.00	2.00	3.00	2.00	1.50	1.50	2.25	2.00	2.50	3.00
(28)	700.00	500.00	600.00	600.00	7000.00	500.00	600.00	500.00	635.00	500.00	600.00
(29)	6000.00	5000.00	4300.00	2000.00	8000.00	5000.00	6000.00	5000.00	5000.00	5700.00	5000.00
(30)	13.00	15.00	15.00	30.00	90.00	14.25	20.00	15.00	15.00	15.00	15.00
(31)	80.00	60.00	65.00	100.00	100.00	58.50	60.00	60.00	60.00	70.00	60.00
(32)	3.00	3.00	3.00	5.00	2.00	3.00	2.50	2.00	3.00	3.00	3.00
(33)	2.00	3.00	2.00	4.00	3.00	2.50	4.50	6.00	6.00	2.50	4.00

BIDS WANTED

STOREY and Washoe Cos., Nev.—Until April 23, 2:30 P. M., bids will be received by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for surfacing portions of the State highway system, Route 17, Sections A, A-2 and A-3, between a point approximately 0.6 mi. southeast of Brown's (Geiger Grade), a length of 7.44 miles.

The work involves:
(1) 38 l.f. remove culvert pipe;
(2) 1 each. remove culvert headwall;
(3) 100 c.y. roadway excavation;
(4) 770 c.y. structure excavation;
(5) 7.45 miles subgrade;
(6) 7.45 miles finish roadway;
(7) 35,050 tons crush. gravel or stone surface;
(8) 36 c.y. Class B concrete;
(9) 940 lbs. reinforcing steel;
(10) 1,710 l.f. 15-in. CMP;
(11) 632 l.f. 18-in. CMP;
(12) 110 l.f. 48-in. CMP;
(13) 38 l.f. relay culvert pipe;
(14) 9 each 21x24-in. grate;
(15) 6 each 24x24-in. grate;
(16) 20,360 c.y. select borrow.

Plans and specifications obtainable from the above office upon deposit of $5.00, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco. *

BIDS WANTED

BALBOA, C. Z.—Until May 27, bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 7820, for construction of a quay wall, roads, etc., at Balboa, C. Z. Estimated cost, $450,000.

Specifications obtainable from above office.

BIDS WANTED

KINGS COUNTY, Cal.—Until April 23, 10 A. M., bids will be received by the Division of Highways, R. M. Gillis, District Engineer, State Highway Bldg., Fresno, for applying road-mix surface treatment to existing shoulders on about 13.6 miles in Kings Co. between Hanford and Dallas school.

Plans and specifications obtainable from above office. *

PREPARING PLANS

SAN FRANCISCO.—Plans are being prepared by W. P. Day, director of works for the San Francisco Bay Exposition Corp., Financial Center Bldg., for paving of driveways and sidewalks, etc., on the Yerba Buena Shoals site for the 1939 World's Fair. Bids will be asked about September 1 by the San Francisco Public Utilities Commission. Estimated cost $441,000, financed in part by PWA grant.

BIDS OPENED

SAN DIEGO COUNTY, Cal. — Square Oil Co., 934 Adobe St., Los Angeles, at $2025 submitted low bid to the Division of Highways, E. E. Wallace, District Engineer, San Diego for applying penetration oil treatment to existing shoulders on about 10.2 miles in San Diego County, between Otay Junction and Coronado.

The work will require 300 tons of SC-2 road oil in place.

Complete bids follow:

Square Oil Co., Los Angeles—(1) $6.75 total $2025.

Morgan Bros., Huntington Park—(1) $7.65; total, 2295.

Paulsen & March, Los Angeles—(1) 8.03; total, 2409.

Gilmore Oil Co., Los Angeles—(1) $8.33; total, $2499.

R. E. Hazard & Son, San Diego—(1) $8.36; total, $2508.

BIDS OPENED

LASSEN COUNTY, Cal.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $6491.50 submitted the only bid received by the Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 1.4 mile surfacing with road-mix surfacing in Lassen County, between Hillside and Nubieber.

Unit bids follow:
(1) 127 tons liquid asphalt ROMC-4, in place, $27 per ton.
(2) 1750 cu. yds. mineral aggregate in place, $1.75 per cu. yd.

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Mittry Bros. Const. Co., 5531 Downey Rd., Los Angeles, at $44,090.40 awarded the contract by the State Highway Commission, Sacramento, for construction of a storm protection drainage system approximately 5.9 miles in length in Riverside County between Bendel's Corner and the Imperial county line.

CONTRACT AWARDED

MODOC COUNTY, Cal.—Fredricksen & Westbrook, P. O. Box 138, Lower Lake, at $25,400.02 awarded contract by the State Highway Commission, Sacramento, for about 5.1 miles grading and surfacing with road mix surfacing in Modoc County between Adin and Rush Creek.

CONTRACT AWARDED

ORANGE COUNTY, Calif. — C. O. Sparks, 2309 E Olympic Blvd., Los Angeles, at $23,924.75 awarded contract by the State Highway Commission, Sacramento, for about 0.4 mile paving with asphalt concrete in the City of Orange on Chapman Ave. and Glassell St., adjacent to the Plaza.

BIDS WANTED

INYO COUNTY, Calif.—Until April 24, 3 P. M., bids will be received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for furnishing and applying liquid asphalt to the existing roadbed on about 7 miles in Inyo County between east end of Cedar Flat and Deep Springs Valley. The work involves 100 tons of liquid asphalt SC-2, in place.

Plans and specifications obtainable from the above office. 9

BIDS WANTED

SANTA MARIA, Santa Barbara Co., Cal.—Until April 20, 7:30 P. M., bids will be received by the Santa Maria city council for the improvement of Chapel, Fesler, Muller, Vine, McClelland and Thornburg Sts. under the 1911 Act.

The work involves:
(1) 44,062 sq. ft. 4-in. conc. gutters;
(2) 8,556 sq. ft. 4-in. concrete gutters
(3) 6,363 l.f. concrete curbing;
(4) 838 sq. ft. concrete driveways;
(5) 208 sq. ft. concrete sidewalk;
(6) 241 l.f. curbing removed;
(7) 208 sq. ft. sidewalk removed.

Estimated cost, $14,753. York Peterson, city engineer.

BIDS WANTED

BERKELEY, Alameda Co., Cal.—Until April 28, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for the widening of Los Angeles Avenue between The Circle and Contra Costa Avenue.

The work involves:
(1) 11,000 sq. ft. grading;
(2) 10 cu. yds. cut below subgrade;
(3) 670 lin. ft. curb and gutter;
(4) 9400 sq. ft. crusher run base;
(5) 9400 sq. ft. bituminous surfacing;
(6) 8950 sq. ft. bituminous resurfacing.

Plans and specifications obtainable from the office of City Engineer Harry Goodridge upon deposit of $10.

BIDS WANTED

SAN BERNARDINO and Riverside Cos., Cal.—Until May 7, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment on about 76.5 miles in San Bernardino and Riverside Counties between Vidal and Route 58, between Doble and 20 miles northerly, and between Rte. 26 and 11.5 miles northerly.

The work involves:
(1) 4,620 tons liquid asphalt, SC-4;
(2) 897,600 sq. yds. preparing, mixing, and shaping roadbed.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

EL DORADO COUNTY, Cal.—Until May 6, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 8.8 miles surfacing with crusher run base and plant-mixed surfacing in El Dorado County between Kyburz and Strawberry.

The work involves:
(1) 2,350 M. gals. water;
(2) 468 sta. finishing roadway;
(3) 31,750 tons crusher run base;
(4) 300 tons liquid asphalt SC-2 (penetration treatment and prime coat);
(5) 17,250 tons mineral aggr. (plant-mixed surfacing);
(6) 870 tons liquid asphalt ROMC-4 or ROMC-5 (do);
(7) 75 tons liquid asphalt ROMC-3 or ROMC-4 (seal coat);
(8) 675 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville.

BIDS WANTED

ORANGE CO., Cal.—Until May 7, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.7 miles of grading and paving with Portland cement concrete in Orange County between Gypsum Creek and the Riverside County Line.

The work involves:
(1) 140 sta. clearing and grubbing right of way;
(2) 2,350 M. gals. water;
(3) 145,000 c.y. rdwy. excav., unclass.
(4) 2,700 c.y. struc. excav.;
(5) 2,500 c.y. ditch and channel excavation;
(6) 1,400,000 sta. yds. overhaul;
(7) 11.5 tons Grade E asphaltic cement (membrane seal);
(8) 32,000 sq. yds. subgrade for pave.
(9) 140 sta. finishing rdwy.;
(10) 470 tons mineral aggregate (plant mixed surf.);
(11) 24.5 tons liquid asphalt MC-5 or MC-extra heavy (do);
(12) 50 tons liquid asph. SC-2 (shoulder prime coat);
(13) 560 tons do (shoulders);
(14) 46,000 sq. yds. preparing, mixing and shaping shoulders;
(15) 50 tons liquid asphalt 90-95 (seal coat);
(16) 600 tons screenings (seal coat);
(17) 6,300 c.y. Class A Portland cement concrete (pave.);
(18) 12,800 each pavement dowels;
(19) 88,000 lbs. bar reinf. steel (pave. and struc.);
(20) 175 lbs. bronze expansion plates;
(21) 660 c.y. Class A Portland cement concrete (struc.);
(22) 9 c.y. Class F do (railing);

(23) 540 l.f. 8-in. CMP;
(24) 1,100 l.f. 24-in. CMP;
(25) 650 l.f. 30-in. CMP;
(26) 60 l.f. 36-in. CMP;
(27) 80 l.f. 42-in. CMP;
(28) 20 each spillway assemblies;
(29) 100 l.f. existing culvert pipe to be removed and relaid;
(30) 650 l.f. existing culvert pipe to be removed and salvaged;
(31) 80 l.f. laminated guard railing;
(32) 600 each guide posts;
(33) 52 each culvert markers;
(34) 1.0 mile new property fence;
(35) 3.0 miles existing fences to be moved and reset ;
(36) 2,950 l.f. bank protection fence;
(37) 1 only detour bridge;
(38) 230 c.y. existing concrete to be removed and disposed of;
(39) 60 each monuments complete in place

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles

BIDS WANTED

CONTRA COSTA COUNTY, Calif.—Until May 6, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.2 miles grading and surfacing with plant-mixed surfacing on crusher run base, in Contra Costa County between the Broadway Tunnel and two miles west of Lafayette.

The work involves:
(1) 171 sta. clearing and grubbing right of way;
(2) 2,700 M. gals. water;
(3) 512,000 c.y. rdwy. excav., unclassified;
(4) 1,350 c.y. ditch and channel excavation;
(5) 2,400,000 sta. yd. overhaul;
(6) 7,600 c.y. struc. excavation;
(7) 50 c.y. existing concrete removed and disposed of;
(8) 171 sta. finishing rdwy.;
(9) 25,300 tons crusher run base;
(10) 12,400 tons mineral agg. (plant-mixed surfacing);
(11) 480 tons liquid asphalt MC-4 or MC-extra heavy (do);
(12) 78 tons liquid asph. MC-2 (prime coat, plant-mixed surf.);
(13) 53 tons liquid asphalt MC-3 (seal coat);
(14) 555 tons screenings (do);
(15) 37 tons liquid asph. SC-1A (shoulders);
(16) 25 tons liquid asphalt SC-2 (do);
(17) 156,000 pounds bar reinf. steel (struc.);
(18) 1,550 c.y. Class A Portland cement conc. (struc.);
(19) 260 c.y. rubble masonry;
(20) 1,300 l.f. 8-in. CMP;
(21) 200 l.f. 12-in. CMP;
(22) 480 l.f. 15-in. CMP;
(23) 1,900 l.f. 18-in. CMP;
(24) 446 l.f. 24-in. CMP;
(25) 240 l.f. 60-in. CMP 8 gauge;
(26) 188 l.f. 60-in. CMP 10 gauge;
(27) 276 l.f. 72-in. CMP 8 gauge;
(28) 6,400 l.f. 8-in. perf. metal pipe underdrains;
(29) 850 c.y. rock filling material (underdrains);
(30) 420 l.f. existing culverts cleaned and salvaged;
(31) 350 l.f. existing culverts cleaned and relaid;
(32) 23 each spillway assemblies;
(33) 120 each culvert markers;
(34) 400 each guide posts;
(35) 6.5 miles new property fences;
(36) 6 each drive gates;
(37) 2 each manhole frames and covers;
(38) 1 only existing bridge to be removed;
(39) 115 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS OPENED

SAN BERNARDINO CO., Calif.—George Herz & Co., P. O. Box 191, San Bernardino, at $3,826.50 submitted low bid to the Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, for the construction of a timber sidewalk at Barstow, San Bernardino County, involving:
(1) 50 c.y. structure excavation;
(2) 1,000 lbs. structural steel;
(3) 12.5 M F B M redwood timber, dense, select, all-heart, structural grade;
(4) 11 do, select, all-heart, structural grade.

Total bids follow:
(A) George Herz & Co., $3826.50.
(B) A. J. Frazier, Puente, $3966.88.

Unit bids follow:

	(A)	(B)
(1)	$ 1.50	$ 2.00
(2)	.25	.40
(3)	149.00	159.14
(4)	149.00	134.33

BIDS OPENED

RIVERSIDE COUNTY, Cal.—Matich Bros., Elsinore, at $6,740.50 submitted low bid to the Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, for constructing drainage structures and surfacing intersections with plant - mixed surfacing in Riverside County, in the City of Corona, at Sixth St. and Buena Vista Ave., and Ontario Ave. at Lester Avenue.

The work involves:
(1) 101 cu. yds. Class A Portland cement concrete (structures);
(2) 9825 lbs. bar reinforcing steel;
(3) 378 tons plant mix surfacing;
(4) 20 tons liquid asphalt, MC-5 (plant mix surfacing);
(5) 1550 sq. yds. asph. paint binder;
(6) 22 cu. yds. Class A Portland cement concrete (curb, gutter and walk);
(7) 440 cu. yds. structure excav.;
(8) 62 cu. yds. existing concrete removed;
(9) 20 lin. ft. 8-in. corr. metal pipe;
(10) 84 lin. ft. 30-in. corr. metal pipe
(11) 48 lin. ft. laminated guard rail.

Total bids follow:
(A) Matich Bros., Elsinore, $6740.50.
(B) George Herz & Co., San Bernardino, $7,172.25.

Unit bids follow:

	(A)	(B)
(1)	$24.00	$33.00
(2)	.16	.05
(3)	4.00	4.00
(4)	20.00	18.00
(5)	.04	.04
(6)	16.00	16.00
(7)	1.50	1.50
(8)	3.00	4.00
(9)	.30	.50
(10)	1.00	1.00
(11)	1.00	1.25

BIDS OPENED

VENTURA COUNTY, Cal.—Robert Paterson, 1911 San Andreas Street, Santa Barbara, at $4,684 submitted the low bid to the Division of Highways, S. V. Cortelyou, District Engineer, Los Angeles, for constructing Portland cement concrete curb and applying road-mix surface treatment on the adjacent shoulder on about one mile in Ventura County between Rte. 2 and one mile easterly.
(1) 20 tons of liquid asphalt, SC-2, in place;
(2) 2,800 sq. yds. preparing, mixing, and shaping shoulders;
(3) 350 c.y. Class A Portland cement concrete in place (curb);
(4) one mile removing and salvaging guard railing.

Total bids follow:
(A) Robert Paterson, Santa Barbara, $4,684.00.
(B) J. E. Haddock, Ltd., Pasadena, $5,790.00.
(C) United Concrete Pipe Corp., Los Angeles, $6,586.00.
(D) Oswald Bros., Los Angeles, $6,952.
(E) A. S. Vinnell Co., Los Angeles, $6,751.00.
(F) J. T. Immel, Los Angeles, $7,170.

Unit bids follow:

	(1)	(2)	(3)	(4)
(A)	$ 9.00	$.055	$12.00	$150.00
(B)	8.50	.15	12.00	1000.00
(C)	20.00	.12	16.00	250.00
(D)	11.00	.09	16.80	600.00
(D)	9.00	.07	16.50	600.00
(F)	10.00	.15	18.00	250.00

30—RESERVOIRS & DAMS

TO ASK BIDS SHORTLY

TUCSON, Ariz. — Major Theodore Wyman Jr., District Engineer, Los Angeles, has announced that the Office of the United States Engineer, Los Angeles, will in the near future advertise for bids for about 1000 lin. ft. of exploratory core drilling in two proposed abutments for Sabino dam in Sabino Canyon, 15 miles northwest of Tucson, Ariz. The minimum core will be specified as 15/16 in. and the maximum depth of drilling will be around 75 ft. Contractorts who are interested in bidding on this type of work are requested to hand their name to the United State Engineers, 751 So. Figueroa St., Los Angeles.

BIDS WANTED

SNAKE RIVER PROJECT, Idaho.—Until May 4, 10 A. M., bids will be received by the Bureau of Reclamation, Ashton, Idaho, under Spec. No. 681, for clearing the Island Park Reservoir site, Upper Snake River Project, Idaho.

The work is located near Island Park and involves about 1,230 acres of clearing. Work is divided into 4 schedules.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Ashton, Idaho; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $0.50, not returnable.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS REJECTED

STOCKTON, San Joaquin Co., Cal.—The Stockton City Council has rejected all bids received March 25 for construction of a trunk line sewer extension. It was previously reported that the contract had been awarded Oakland Sewer Const. Co., 9915 Walnut St., Oakland, low bidders at $27,312.35, subject to PWA approval.

A change will be made in the design and the project re-advaretised shortly.

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Oakland Sewer Constr. Co., 9915 Walnut Street, Oakland, at $2627 submitted low bid to the Stockton City Council, B. L. Trahern, City Clerk, for construction of storm water sewer in Monterey Ave. from Kensington Way to Pacific Ave.

The work involves:
(1) 492 l.f. 8-in. precast concrete pipe;
(2) 582 l.f. 12-in. do;
(3) 610 l.f. 14-in. do;
(4) 560 l.f. 16-in. do;
(5) 11 concrete catchbasins;
(6) One 4-ft. dia. brick manhole;
(7) 3 5-ft. dia. brick manholes;

Total bids follow:
(A) Oakland Sewer Constrfl Co., Oakland, $2627.

(B) W. J. Tobin, Oakland, $2695.56.
(C) J. W. Terrell, Sacramento, $3,537.50.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ .69	$ .80	$ 1.05
(2)	.81	.78	1.20
(3)	.89	1.00	1.27
(4)	.97	1.25	1.38
(5)	35.00	18.00	40.00
(6)	75.00	70.00	65.00
(7)	90.00	90.00	90.00

Bids held under advisement for one week. *

AWARD POSTPONED

SAN FRANCISCO.—PWA has authorized an extension of time to May 31 for award of a contract by San Francisco Department of Public Wks for construction of Alemany sewer extension, Section D-1. Low bid of Healy-Tibbitts Const. Co., 64 Pine St., at $334,259 submitted Dec. 6, is being held pending a State Supreme Court decision validating sale of bonds to finance the project. *

BIDS WANTED

VALLEJO, Solano Co., Calif.—Until April 24, 10 A. M., bids will be received by the Vallejo City Council, Alf. E. Edgcumbe, City Clerk, City Hall, Vallejo, for the construction of storm sewers in Virginia Street between Marin and Branciforte, and in Sonoma between Virginia and Maryland Sts.

The work involves:

SCHEDULE A—Virginia St.

(1) 40 l.f. 48-in. i.d. reinforced concrete pipe;
(2) 480 l.f. 33-in. vitrified clay pipe;
(3) 480 l.f. 30-in. do;
(4) 484 l.f. 24-in. do;
(5) 280 l.f. 15-in. do;
(6) 56 l.f. 12-in. do;
(7) 10 c.y. concrete jacket;
(8) 10 c.y. additional excavation;
(9) 10 tons quarry waste;
(10) 5 each, manholes;
(11) 11 each, catchbasins;
(12) 3 MBF trench bracing.

SCHEDULE B—Sonoma St.

(13) 88 l.f. 30-in. i.d. reinforced concrete pipe;
(14) 360 l.f. 36-in. vitrified clay pipe;
(15) 366 l.f. 30-in. do;
(16) 360 l.f. 24-in. do;
(17) 374 l.f. 21-in. do;
(18) 340 l.f. 18-in. do;
(19) 352 l.f. 15-in. do;
(20) 56 l.f. 12-in. do;
(21) 10 c.y. concrete jacket;
(22) 10 c.y. additional excavation;
(23) 10 tons quarry waste;
(24) each, manholes;
(25) 13 each, catchbasins;
(26) 6 MBM trench bracing.

Plans and specifications obtainable from the office of City Engineer T. D. Kilkenny upon deposit of $10.

CONTEMPLATED

EUREKA, Humboldt Co., Cal.—City Engineer E. D. Gardner has estimated cost of construction of a new 36-inch concrete pipe sewer outlet on Washington St. from Broadway to the bay, at $40,000. The line would be about 2570 feet long replacing the existing wood stave pipe. Cost of repair of the old pipe is estimated at $17,000 and would make no provision for the outer 800 ft. which has been washed away.

A bond election will probably be held in May. 32

CONTRACT AWARDED

LAGUNA BEACH, Orange Co., Cal.—J. L. Kruly, 1759 N. Eastern Ave., Los Angeles, at $82,609.55 submitted low bid and awarded contract by the Laguna Beach City Council (subject to PWA approval) for the construction of a sewer system in Coast Blvd. Sanitary Lateral Sewer District No. 3, in accordance with plans prepared by A. J. Stead, city engineer. Work is being financed by PWA grant and loan and by 1911 Act bonds.

The work involves:

(1) 2211 l.f. 10-in. vit. clay pipe lateral sewers
(2) 27,602 l.f. 8-in. do;
(3) 130 l.f. 8-in. cast iron pipe lateral sewer;
(4) 5974 l.f. 6-in. vit. clay pipe house connection sewers;
(5) 1432 vertical ft. standard manholes;
(6) 9 units flushing manholes complete;
(7) 1400 c.y. grading and excavation;
(8) 343 l.f. corru. metal pipe culverts
(9) one unit catchbasin;
(10) one unit curb inlet;
(11) 1420 l.f. concrete curbs;
(12) 15,000 sq. ft. 2-in. rock and oil surfacing;
(13) 45 c.y. reinf. conc. retaining wall.

The total bids were:

(A) J. L. Kruly, Los Angeles, $82,609.55.
(B) J. C. Hickey, Los Angeles, $85,115.25.
(C) V. C. K. Const. Co., Los Angeles, $88,989.74.
(D) Sutalo & Ramljak, Los Angeles, $93,964.00.
(E) Nick Chutuk, Los Angeles, $98,989.60.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)
(1)..	$ 1.85	$ 1.90	$ 2.00	$ 3.00	$ 2.18
(2)..	1.70	1.80	1.94	2.00	1.88
(3)..	4.00	2.45	2.97	3.00	1.87
(4)..	1.45	1.50	1.80	1.50	2.80
(5)..	11.50	10.00	8.70	10.00	12.00
(6)..	180.00	160.00	150.00	150.00	203.00
(7)..	.45	.60	1.00	1.00	.70
(8)..	3.00	3.55	3.80	4.00	5.00
(9)..	75.00	125.00	100.00	200.00	359.00
(10)..	170.00	230.00	225.00	200.00	102.00
(11)..	.45	.60	.50	1.00	.56
(12)..	.054	.10	.075	.10	.10
(13)..	18.50	30.00	25.00	20.00	17.00

33— WATER WORKS

BIDS WANTED

OAKLAND, Cal.—Until April 22, 8 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L. S. 169, for furnishing and erecting a 250-000-gallon steel storage tank.

Specifications obtainable from the Engineering Department, 4th floor, 512 16th Street, Oakland. *

BIDS WANTED

AIEA, T. H.—Until June 3, 11 A. M., as previously reported, bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8139 for construction of a water supply tunnel and supply pipe line at the Aiea Naval Reservation, Oahu, T. H. Estimated cost, $100,000.

Work includes excavation, concrete work, pumping equipment, piping, electrical work, sheet metal work, fencing and macadam paving.

Plans and specifications obtainable from the Bureau of Yards and Docks, Washington, D. C.; Commandant, 14th Naval District, Pearl Harbor, T. H., or from the Commandant 12th Naval District, 100 Harrison St., San Francisco, upon deposit of $10.

BIDS OPENED

ANTIOCH, Contra Costa Co., Cal.—Fairbanks, Morse & Co., at $3,174.36 submitted low bid to the Antioch City Council for furnishing one electrically driven centrifugal pump of 3,000-gal. per minute capacity with a 250-h.p. motor, to be installed at the municipal pumping plant.

The other bids were:

Star Delta Electric Co. (De Laval) $3,958.
United Iron Works, $4,300.
Merrill Co. (Pennsylvania Pump Co.) $4,925.73.
Geo. Oliver, City Engineer.
Bids held under advisement until April 20. *

BIDS OPENED

ANTIOCH, Contra Costa Co., Cal.—Following bids received by the Antioch City Council for furnishing 280 l.f. of lap welded steel pipe and fittings for a suction line:

Crane Company Pipe, $974; long radius ell, $36.50; wire basket type fitting for end of suction line, $20.

Berkeley Steel Const. Co.: Pipe, including basket type fitting, $1022; ell, $49.50.

Bids held under advisement until April 20. *

BIDS OPENED

SANTA CRUZ, Cal.—Berkeley Steel Constr. Co., Inc., Second and Camelia Sts., Berkeley, at $1598 plus sales tax submitted low bid to the Santa Cruz City Council for furnishing two steel filter tanks and equipment for the Crossing St. pumping plant.

The other bids were:

Standard Welding Warks, Santa Cruz $1965.85.
California Filter Co., San Francisco, $2050.

CONTRACT AWARDED

MARE ISLAND, Cal.—Permutit Co., 330 W 42nd St., New York City, at $6,280 awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8092, for two water treatment systems, a continuous blow-down system and chemical feeding system for the Navy Yard Hospital, Mare Island.

The award is based on the deduction of $1,580 from the main bid of $7,860, for omission of sulphite feeding apparatus.

34 — PARKS AND PLAYGROUNDS

April 3, 1936

PLANS BEING PREPARED

PALO ALTO, Santa Clara Co., Cal.—Leslie E. Kiler, 1184 Palo Alto Ave. Palo Alto, is preparing plans for the landscaping for the Stanford University's Theatre now under construction on the Stanford Campus. 34

BIDS WANTED

HOLLYWOOD, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Hollywood, for seeding and planting the grounds at U. S. Post Office, Hollywood.

CONTRACT AWARDED

EL CENTRO, Imperial Co., Cal.—Peterson Bros., Inglewood, at $877 awarded contract by Treasury Department for seeding and planting grounds at the U. S. Post Office, El Centro.

BIDS REJECTED

ELKO, Nevada—Treasury Department repected all bids for seeding and planting grounds at the U. S. Post Office, Elko. Nevada. New bids will be asked shortly.

CONTRACT AWARDED

SACRAMENTO, Cal. — Kamlan Fence Co., 351 Bryant St., San Francisco, at $650 awarded contract by Sacramento City Council for furnishing galvanized chain link tennis fence for McClatchy Park, Sacramento.

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FOREST ROAD CONSTRUCTION WORK OPENS

S. F. Bureau Office Advertises First Contract Of 1936 Season

The first contract in the California forest and park road improvement progam for 1936 has been advertised by District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads for bids to be opened May 7. The work is financed with a $95,000 allotment of funds held over from last year's appropriation.

The work is located in Sierra and Nevada counties on the Sierraville-Hobart route through Tahoe National Forest. The section to be improved is 4.2 miles and includes clearing 30 acres, 114,500 cu. yds. of unclassified excavation, 163,000 station yards overhaul and miscellaneous items.

Bids will be asked later this year on three oiling contracts aggregating about $30,000, using the balance of the funds available from the 1936 appropriation.

No appropriation for the 1937 fiscal year has been authorized yet for forest and park road construction. The San Francisco district office has about $500,000 remaining in the 1936 appropriation for construction of park roads which will be contracted as soon as site conditions permit.

G-E HOME BUILDING PROGRAM DESCRIBED

A newly published 12-page prospectus describing the 1936 "New American" demonstration home-building program, of interest to architects, engineers, bankers, realtors, builders, power companies and dealers in building materials and home furnishings, is available on request addressed to the General Electric Co., Schenectady, N. Y. Designated as Publication NAH-102 the prospectus outlines the scope of the new program, discusses the basic requirements of the "New American" concept of living, and explains the extent to which General Electric will co-operate with those concerned in the building trades and home-furnishings field.

WALDO APPROACH WORK AWARDED

SACRAMENTO, April 22.—Contracts for the Waldo approach to the Golden Gate bridge was awarded today by the State Division of Highways to Macco Construction Co., Clearwater, at $770,204 for the highway grading and surfacing, and to T. E. Connolly, San Francisco at $587-917 for constructing a 1000-foot tunnel. Work is to be started immediately and to proceed on a schedule that will complete the new route within 300 days.

The approach road will be 3.4 miles in length, connecting with the main Redwood highway near the northerly city limits of Sausalito and running west of the city and west of the Fort Baker military reservation to the bridge head.

L. A. Bidders Low On Reconstruction Of Sacto. Levee

SACRAMENTO, April 21.—Low bid for improvement of 7.5 miles of levee on the westerly bank of the Sacramento river near Princeton was submitted to Col. L. B. Chambers, U. S. District Engineer, today by R. L. Oakley and J. T. Immell, Los Angeles. The bid was $106,461.

Following are the bids received:

R. L. Oakley and J. E. Immell, Los Angeles	$106,461
D. McDonald, Sacramento	111,993
A. Teichert & Son, Inc., Sacramento	127,433
Poulos & McEwen, Sacramento	139,747
Charles Harlowe, Jr., Oakland	140,268
George Pollock Co., Sacramento	169,070

Distillate oil burner shipments during the first two months of 1936 numbered 14,316, the Bureau of the Census reports, as compared with 8,587 during the corresponding period last year.

$250,000 STORE MODERNIZATION IN BERKELEY

Chamber of Commerce Survey Shows Merchants Plan Improvements

Owners of business property in Berkeley contemplate building modernization projects aggregating approximately $250,000 in the near future, according to a survey conducted by the Berkeley Chamber of Commerce. Expenditure on individual properties will range from $1-000 to $60,000, Charles C. Adams, managing director of the chamber, said.

Improved business conditions throughout the United States in general and unusually "good" prospects for the Eastbay in particular are given as reasons for the development program by Colonel E. J. Hardy, president of the Chamber of Commerce.

"It is natural we should experience improved business in common with the rest of the Nation, but I am convinced that a more important factor in this development is the enviable position Berkeley will have as a residential community on completion of the Bay Bridge," says Colonel Hardy. "Already residential property is enhancing in value, and scores of homes are either under construction or planned for immediate building."

Last year Managing Director Adams stressed the need of modern, improved and enlarged shopping facilities for Berkeley in a series of talks throughout the city. The present $250,000 program is declared a result.

UNIFY PROTECTIVE DEVICES IN PANEL

A complete line of crane protective panels for use in protecting electrical equipment on cranes of the overhead traveling, locomotive and similar types in announced by the Electric Controller & Mfg. Co., 2721 East 79th St., Cleveland, Ohio.

Used in place of circuit breakers, knife switches, fuses and other such equipment in the crane cab, the panels incorporate necessary protective devices into a compact unit requiring a minimum of space, it is stated.

S. F. Federal Bureaus Move May 1 To $2,650,000 Civic Center Building

Workmen this week are putting final touches on San Francisco's new $2,650,000 Federal office building at the civic center, which will be officially opened May 1. With Great Lakes Construction Company of Chicago as general contractor, the immense structure has been under construction for more than two years.

Covering an entire city block bounded by Fulton, Leavenworth, McAllister and Hyde Sts., the building has five full floors, basement and attic surrounding a central court. It will provide office space for some thirty-two Federal agencies now scattered over the city.

The building was designed in the office of Arthur Brown, Jr., San Francisco.

The building is of steel frame fireproof construction with reinforced concrete footings and floor slabs. Facing is granite, except a portion of the McAllister street side, which is terra cotta faced starting at the third floor. The fifth floor setback also has terra cotta facing.

The roof generally except flat decks is covered with lead-coated copper. All flat decks are covered with quarry tile laid in mastic cement.

Interior walls of the structure all are plastered. Typical offices have mastic tile floors, while corridors are laid in quarry tile. Trim is chiefly marble in the corridors.

The building contains approximately a mile of partitions, which are metal and extend from floor to ceiling. Average length of partitions is about twenty-one feet.

The main entrances are entirely of aluminum, gold-leafed. Bannisters and railings of stairways and all outside fixtures also are aluminum, all gold-leafed.

Stairways themselves are terrazzo.

More important rooms contain a large amount of acoustical plaster work.

In the basement of the structure are recruiting offices for the War and Navy departments, a large examination room for the Civil Service Commission, together with boiler rooms, fan rooms and storage space.

Agencies of seven departments will have offices on the first floor. They are: Department of Agriculture, employees' compensation commission; Department of Labor employment service; State Department, passports; Department of the Interior, bureau of mines and Indian service; War Department, ordnance purchasing service; Treasury Department, regional disbursing office, bureau of industrial alcohol and narcotic service; and Civil Service Commission, general administration offices and examination rooms.

On the second floor the Treasury Department will have office space for the public health service, internal revenue collector and district engineer. Other offices on the floor will include the geological survey of the Department of the Interior; purchaser of land and other offices of the National Park Service; and general offices for the Naval Reserve.

The entire third floor will be devoted to the Navy Department, and here will be found communications, public works, purchasing and disbursing and many other offices of the service.

District and regional offices of the Bureau of Public Roads will occupy a large part of the fourth floor. Also on the fourth floor are offices for the internal revenue bureau of the Treasury Department, the Interstate Commerce Commission, bureau of mines of the Interior Department, and others.

Most of the fifth floor has been assigned to the food and drug administration of the Department of Agriculture. The Federal Trade Commission and other offices also will occupy space on this floor.

Attic space has been assigned divisions of the Department of Agriculture, among them the Bureau of Public Roads, grain and rice investigation and food and drug administration. Also in the attic will be transmitter, battery and instrument rooms and space to be used by the National Park Service.

MANY BUILDING IN NEW TRACTS

Three recently opened subdivisions in Vallejo are being built up rapidly, with many houses completed and thirty-five in construction, the realtors report. Morningside subdivision, opened last September, has eight homes completed and seventeen either in construction or to be started immediately. Houses have been built on seventy-two lots in the Fleming tract and twelve others are being erected. In Vista de Vallejo subdivision thirty-four houses have been completed and six are being built.

New orders for oil burners reported to the census bureau during the first two months of 1936 numbered 14,414, as compared with 9,154 during the corresponding period last year.

RECORD YEAR IN BUILDING AT SACRAMENTO

Residential Work Expected To Be Greatest Since 1929

Investment in new homes in Sacramento this year will amount to $2,000,000 if building continues at the rate established since the first of January, real estate men predict.

Since the first of April permits have been issued for 24 single-family dwellings and a 10-family court. This brings the total since January 1 to 99 permits for homes, valued at $573,605. Realtors say the upturn indicates this year will be the largest since the all-time high of $2,578,604 expended on residential building in 1929.

Building Inspector J. R. Shields expects the first six months this year to record permits exceeding the value of the entire year of 1935. Last year 136 dwellings and two apartment houses were built, valued at $759,219.

Most of the building is for private owners and not for speculation, according to real estate agents who report a shortage of property for rent, with an increase estimated at 20 per cent in the average level of rents.

MORE INSPECTORS NEEDED IN S. F.

A special committee from the Joint Conference Board of architects and contractors will confer with the city officials to determine the need for additional personnel in the San Francisco Bureau of Building Inspection, Architect Harry Michelsen, chairman, announced yesterday. Erle Cope, chief of the bureau, reported to the conference at its last meeting that increased building in the city requires an enlarged force of inspectors and asked the group to meet with him to consider means of meeting the extra cost.

WIRING BULLETIN ISSUED BY G-E

Entitled "G-E Radial Wiring System," a new 32-page bulletin for architects and engineers has just been published by the General Electric Company's Appliance and Merchandise Department, Bridgeport, Conn. Designated as publication No. 51-611 and assigned A.I.A. File No. 31-C-61, it contains complete information on the basic design of the wiring system, as well as design procedure and specifications. In addition, it includes a section illustrating the materials and fixtures used, wiring diagrams, and a convenient check list serving as a reminder of the different elements that should be considered for various residential requirements.

PENINSULA CO. LOW BIDDER ON TEHAMA PAVING

Highway Division Opens Bids On Three Contracts At Sacramento

SACRAMENTO, April 22.—Peninsula Paving Co., San Francisco, today submitted the low bid to the State Division of Highways for grading and paving 10.2 miles in Tehama County. The bid was $218-181. The contract is one of three for which bids were received today by the division. Other low bidder were Fredericksen and Westbrook, Lower Lake, at $28,407 for grading and oil treating in Modoc County, and L. C. Seidel, Oakland, at $28,727 for grading and paving the approach to the Folger Avenue underpass in Berkeley.

The Tehama County contract is located between Corning and Proberta. It includes the placing of approximately 39,000 tons of asphalt concrete paving.

Following are the bids received:

Peninsula Paving Co., San Francisco	$218,181
Hanrahan Co., San Francisco	221,918
Union Paving Co., S. F.	223,116
Bodenhamer Const. Co., Oakland	244,411
A. Teichert & Son, Inc., Sacramento	246,752
Oswald Bros., Los Angeles	249,115

Bids for grading and applying penetration oil treatment on six miles between Juniper Creek and Alturas in Modoc County were received as follows:

Fredericksen and Westbrook, Lower Lake	$ 28,407
Poulos & McEwen, Sacto.	29,351
R. R. Carlson, Stockton	30,338
Leo F. Piazza, San Jose	32,989
Larsen Bros., Sacramento	34,399
John G. Chigris, S. F.	37,465
J. V. Galbraith and Don A. Canevari, Santa Rosa	38,423
M.J.B. Const. Co., Stockton	43,096

Three contractors offered bids for grading and paving with portland cement concrete about three-tenths of a mile on the approach to the Folger avenue underpass in Berkeley as follows:

L. C. Seidel, Oakland	$ 28,727
Hanrahan Co., San Francisco	30,212
Lee J. Immel, Berkeley	31,278

ORDERS STEADY AT NORTHWEST MILLS

Volume of new business booked by 200 mills in Washington and Oregon during week ending April 11 remained at virtually the same level as for the two preceding weeks, according to the West Coast Lumbermen's Association. Rail, export and local markets decreased to approximately the same extent that domestic cargo business increased, it is stated.

Production was 113,660,161 board feet, or 68.3 per cent of the average cut during the 1926-1929 period. New business amounted to 115,844-367 board feet and shipments totaled 106,532,923 feet.

Contractor's Board to Tighten State Licensing Rules; Adopt New Regulations

Regulations to govern the future licensing of contractors in the state of California were adopted at a meeting of the State Contractors' License Board in Los Angeles last week. They will not be made public however, until approved by the attorney-general.

The rules were drawn by a committee of which S. G. Johnson, Oakland building contractor, is chairman. With minor revisions, the committee report was accepted as presented.

"It is the intent of the board to adopt rules and regulations strictly in conformity with the law, but at the same time to endeavor to reach out as far as possible in correction of some of the evils which have prevailed in the industry," Warren A. Bechtel, chairman of the board, said.

"The rules as adopted provide a much more rigid procedure in regard to the application for licenses, and considerable progress is made in the direction of examination and qualification of all new applicants.

"The rules and regulations governing the conduct of the department will be published as soon as approved by the attorney-general and the board will welcome suggestions for changes or modifications from all those in the industry who may be interested in submitting same. These suggestions should be sent to the registrar in Sacramento."

Registrar Earl S. Anderson reported to the board that he had extended the activity of the bureau inspectors in investigating the extent to which compensation insurance is carried by contractors. The inspectors are to require contractors to show satisfactory evidence of coverage for their employes.

The registrar s monthly report showed a total of 24,909 licensed contractors in the state at the end of March as compared with 21,996 on the same date in 1935. During the month 529 licenses were issued, 480 of which were original licenses and 49 were renewals.

The finance committee of the board reported that the department was being operated well within its income but there would be necessary a further revision of the budget during the next fiscal year if the board's policy in expanding some activities is followed. Board members are understood to favor particularly establishing a source of business and statistical data in the bureau.

The next board meeting will be held in San Francisco, probably in July.

INCREASE PAYMENTS ON CHICO CONTRACT

Chico Board of Education has approved a modification of its contract with Campbell Construction Co. for constructing two school buildings to allow 90 per cent progress payments to the contractor instead of 75 per cent. The change will be submitted to PWA for approval.

FRED. H. MEYER PRESIDENT OF STATE BOARD

Architectural Examiners Elect Officers At Meeting In Los Angeles

Frederick H. Meyer, San Francisco, was elected president of the California State Board of Architectural Examiners at the annual joint meeting of the Northern and Southern sections of the board held last week in Los Angeles. Mr. Meyer succeeds Warren C. Perry as president of the Northern section.

Harold Chambers of Los Angeles was elected president of the Southern section and becomes vice-president of the state board. G. Stanley Wilson, Riverside, was elected state secretary, succeeding C. J. Ryland of Monterey. Harry J. Devine, Sacramento, was elected secretary of the Northern section.

Members of the Northen section of the board of examiners are Architects Meyer, Perry, Devine, C. F. B. Roeth and C. J. Ryland. Mr. Roeth temporarily retains his place on the board due to the failure to date of Arthur H. Memmler, recent appointee of Governor Merriam, to qualify.

FLUORESCENT LAMP FOR COLOR LIGHT

Development of a fluorescent lamp which changes invisible ultraviolet radiations into visible light of all colors is announced by Westinghouse Lamp Co. To date research into the new method of light production has been limited to the lumiline shape of bulb, a long slender tube sealed at each end by a disc-like base, it is stated.

When present experimentation has been completed the lamp probably will be bent into various shapes to form luminous designs for interior decoration, the manufacturer predicts.

Shipments of approved hand fire extinguishers during January and February numbered 56,052, as compared with 45,866 during the corresponding period last year, according to the Bureau of the Census.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
721	Galli	Owner	3500
722	Galli	Owner	3500
723	Galli	Owner	3750
724	Galli	Owner	4000
725	Galli	Owner	3500
726	Galli	Owner	3500
727	Galli	Owner	3500
728	Galli	Owner	3500
729	Evers	Owner	3000
730	Evers	Owner	3000
731	Evers	Owner	3000
732	Morgan	Lehman	2352
733	Snook	Owner	15000
734	Anderson	Owner	3250
735	McDonough	Owner	4000
736	Barsotti	Owner	4000
737	Iverson	Milton	1900
738	Doelger	Owner	4000
739	Doelger	Owner	4000
740	Doelger	Owner	4000
741	Doelger	Owner	4000
742	Nishkian	Hjul	9000
743	McCarthy	Aetna	3500
744	Bianco	Birdsall	3800
745	Larsen	Owner	3250
746	Wold	Wold	4000
747	McCarthy	Aetna	3500
748	Larsen	Owner	3250
749	Bothin	Siegrist	14975
750	Jung	Kimball	1100
751	Rohlffs	Coburn	6000
752	Lindsay	Owner	3500
753	Lindsay	Owner	3500
754	Lindsay	Owner	3500
755	Lindsay	Owner	3500
756	Reilly	Reilly	1500
757	Cicrone	Owner	4200
758	Micallef	Owner	1800
759	Pond	Owner	3000
760	Struthers	Owner	3000
761	Iwata	Nimm	2000
762	Johnson	Owner	3500
763	Johnson	Owner	3500
764	Nelson	Owner	3000
765	Nelson	Owner	4000
766	Nelson	Owner	4000
767	Standard	Owner	3500
768	Thorinson	Owner	3500
769	Belli	Owner	2000
770	Lundberg	Olson	5500
771	Salvation	Lindgren	15000
772	Cosobie	Coburn	1000
773	Herzig	Owner	4000
774	Herzig	Owner	4000
775	Herzig	Owner	4000
776	Herzig	Owner	4000
777	Heglin	Heglin	3000
778	Seidler	Messenger	4500
779	Mountford	Linder	8000
780	Shell	———	3500
781	Cartwright	Wilbe	6000
782	Antonioli	Owner	30000

DWELLING
(721) N NORIEGA 156 W 17th Ave. One - story and basement frame dwelling.
Owner and Builder — R. F. Galli, 377 West Portal.
Architect—Not Given. $3,500

DWELLING
(722) W 17th AVE. 25 N Noriega. One - story and basement frame dwelling.
Owner and Builder — R. F. Galli, 377 West Portal.
Architect—Not Given. $3,500

DWELLING
(723) W 17th AVE. 75 N Noriega. One - story and basement frame dwelling.
Owner and Builder — R. F. Galli, 377 West Portal.
Architect—Not Given. $3,750

DWELLING
(724) NW 17th AVENUE and Noriega. One - story and basement frame dwelling.
Owner and Builder — R. F. Galli, 377 West Portal.
Architect—Not Given. $4,000

DWELLING
(725) N NORIEGA 127 W 17th Ave. One - story and basement frame dwelling.
Owner and Builder — R. F. Galli, 377 West Portal.
Architect—Not Given. $3,500

DWELLING
(726) N NORIEGA 82 W 17th Ave. One - story and basement frame dwelling.
Owner and Builder — R. F. Galli, 377 West Portal.
Architect—Not Given. $3,500

DWELLING
(727) N NORIEGA 107 W 17th Ave. One - story and basement frame dwelling.
Owner and Builder — R. F. Galli, 377 West Portal.
Architect—Not Given. $3,500

DWELLING
(728) W 17th AVE. 50 N Noriega. One - story and basement frame dwelling.
Owner and Builder — R. F. Galli, 377 West Portal.
Architect—Not Given. $3,500

DWELLING
(729) N KIRKHAM 57 E 41st Ave. One - story and basement frame dwelling.
Owner and Builder — Kenneth Evers, 97 San Pablo.
Architect—C. O Clausen, 746 46th Avenue. $3,000

DWELLING
(730) N KIRKHAM 82 E 41st Ave. One - story and basement frame dwelling.
Owner and Builder — Kenneth Evers, 97 San Pablo.
Architect—C. O. Clausen, 746 46th Avenue. $3,000

DWELLING
(731) N KIRKHAM 32 E 41st Ave. One - story and basement frame dwelling.
Owner and Builder — Kenneth Evers, 97 San Pablo.
Architect—C. O. Clausen, 746 46th Avenue. $3,000

ALTERATIONS
(732) 2041 FULTON ST. Alter dwelling.
Owner—H. Morgan, 19 Clayton St.
Architect—Hyman and Appleton, care contractor.
Contractor—E. J. Lehman, 782 Elizabeth. $2,352

COTTAGES
(733) NE BAYSHORE and Visitacion. Frame auto camp.
Owner & Builder—Frederick W. Snook 136 Girard.
Architect—Not Given. $15,000

DWELLING
(734) W 28th AVE. 125 S Ulloa. One-story and basement frame dwelling.
Owner—N. W. Anderson, 2427 24th Avenue.
Architect—Not Given. $3,250

DWELLING
(735) N LAWTON 82 W 11th Ave. One - story and basement frame dwelling.
Owner—M. McDonough, 148 Randall.
Architect—C. O. Clausen, 746 46th Avenue. $4,000

DWELLING
(736) S PALOU 25 W Lane. One-story and basement frame dwelling.
Owner and Builder—Barsotti & Faggioni, 1567 Revere.
Architect—Not Given. $4,000

SERVICE STATION
(737) SE 30th AVE. and Judah St. Class C service station.
Owner—C. A. Iverson, 1539 10th Ave.
Architect—R. C. Schuppert, Oakland.
Contractor—W. B. Milton, 589 Haddon Road, Oakland. $1,900

DWELLING
(738) E 17th AVE. 525 S Lawton St. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(739) E 17th AVE. 550 S Lawton St. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(740) E 17th AVE. 475 S Lawton St. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(741) E 17th AVE. 500 S Lawton St. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(742) S ST. GERMAIN 350 W Twin Peaks Blvd. One-story and basement frame dwelling.
Owner—L. H. Nishkian, 525 Market.
Plans by Owner.
Contractor—J. H. Hjul, 128 Russ St. $9,000

DWELLING
(753) W ALEMANY 155 N San Juan. One - story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny Street.
Architect—Not Given.
Contractor—Aetna Const. Co., 238 Arleta. $3,500

DWELLING
(744) E 47th AVE. 252 S Geary St. One - story and basement frame dwelling.
Owner—T. Bianco, care contractor.
Architect—Vincent Buckley, 525 Market Street.
Contractor—Stella K. Birdsall, 646 47th Avenue. $3,800

DWELLING
(745) E HOLYOKE 50 N Bacon. One-story and basement frame dwelling.
Owner and Builder — S. Larsen, 365 Ashton Avenue.
Architect—Not Given. $3,250

DWELLING
(746) W 27th AVE. 200 N Santiago. One - story and basement frame dwelling.
Owner—Clarence L. Wold, 4416 Fulton.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—C. L. Wold Const. Co., 4416 Fulton St. $4,000

DWELLING
(747) W ALEMANY 180 N San Juan. One - story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny Street.
Architect—Not Given.
Contractor—Aetna Const. Co., 238 Arleta. $3,500

DWELLING
(748) 7 HOLYOKE 25 N Bacon. One-story and basement frame dwelling.
Owner and Builder — S. Larsen, 365 Ashton Avenue.
Architect—Not Given. $3,250

ALTERATIONS
(749) 746 BRANNAN ST. Alter light manufacturing building.
Owner—Bothin Real Etate Co., 604 Mission Street.
Architect—Angus McSweeney, 604 Mission Street.
Engineer—Norman B. Green, Sharon Bldg.
Contractor—F. R. Siegrist, 604 Mission Street. $14,975

ALTERATIONS
(750) 1346 STOCKTON. Alter store.
Owner—Geo. Jung, care contractor.
Architect—Not Given.
Contractor—Fred M. Kimball, 128 9th Avenue. $1,100

REPAIRS
(751) 1037 FILLMORE ST. Repair fire damage to hotel.
Owner—E. Rohlffs, care contractor.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market Street. $6,000

DWELLING
(752) E THIRTY-FIRST AVE. 100 N Rivera St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(753) E THIRTY-FIRST AVE. 25 N Rivera St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(754) E THIRTY-FIRST AVE. 50 N Rivera St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(755) E THIRTY-FIRST AVE. 75 N Rivera St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(756) NO. 1588 DOLORES STREET. Alter flats.
Owner—H. Reilly, Premises.
Architect—Not Given.
Contractor — Frank J. Reilly, 6350 Fulton St., San Francisco. $1500

DWELLING
(757) E ALMADEN ST. 252 N Anza St. Two-story and basement frame dwelling.
Owner—Edward Cicerone, 1101 Potrero Ave., San Francisco.
Architect—Not Given. $4200

DWELLING
(758) N REVERE ST. 525 W Third St. One-story frame dwelling.
Owner—E. P. Micallef, 1750 McKinnon St., San Francisco.
Architect—Not Given. $1800

ALTERATIONS
(759) NO. 55 COLUMBUS AVENUE. Alter hotel.
Owner—C. P. Pond, Premises.
Architect—Not Given. $3000

DWELLING
(760) NE COTTER ST. 493 SE San Jose Ave. One-story and basement frame dwelling.
Owner — Marshall T. Struthers, 4250 Mission St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(761) NO. 953 MARKET ST. Alter store.
Owner—Iwata Trading Co., 707 Grant Ave., San Francisco.
Architect—Not Given.
Contractor—Geo. Nimm, 804 Montgomery St., S. F. $2000

DWELLING
(762) W SEVENTEENTH AVE. 87 N Wawona St. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(763) W SEVENTEENTH AVE. 59 N Wawona St. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(764) N ROMAIN ST. 365 E Corbett Ave. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(765) N ROMAIN ST. 336 E Corbett Ave. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given $4000

DWELLING
(766) NW MELBA & EUCALYPTUS Sts. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(767) N MORAGA ST. 90 E Thirty-second Ave. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(768) E JULES ST. 100 S Demontford. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(769) S CHESTNUT ST. 18 W Grant Ave. One-story frame dwelling.
Owner—S. Belli, 226 Francisco St., San Francisco.
Architect—Not Given. $2000

FLATS
(770) SW TWENTY-THIRD AVE. & Judah St. Two-story and basement frame flats.
Owner—H. Lundberg, 1414 23rd Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Carl Olson & Son, 1495 18th Ave., San Francisco. $5500

HOME
(771) SE GEARY AND LAGUNA Sts. Children's Home, Supplemental.
Owner—Salvation Army, 115 Valencia St., San Francisco.
Architect—Douglas Dacre Stone, 110 Sutter St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St. $15,000

DWELLING
(772) NO. 4036 TWENTY-SIXTH ST. Repair fire damage to dwelling.
Owner—Mr. Cosbie, Premises.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., S. F. $1000

DWELLING
(773) N CRESTLAKE 432 W Sloat. One - story and basement frame dwelling.
Owner and Builder—A. J. Herzig, 700 Sloat Blvd
Architect—D. E. Jaekle, 126 Post St. $4,000

DWELLING
(774) N CRESTLAKE 399 W Sloat. One - story and basement frame dwelling.
Owner and Builder—A. J. Herzig, 700 Sloat Blvd
Architect—D. E. Jaekle, 126 Post St. $4,000

DWELLING
(775) N CRESTLAKE 366 W Sloat. One - story and basement frame dwelling.
Owner and Builder—A. J. Herzig, 700 Sloat Blvd
Architect—D. E. Jaekle, 126 Post St. $4,000

DWELLING
(776) N CRESTLAKE 465 W Sloat. One - story and basement frame dwelling.
Owner and Builder—A. J. Herzig, 700 Sloat Blvd
Architect—D. E. Jaekle, 126 Post St. $4,000

DWELLING
(777) E 22nd AVE. 150 S Moraga. One - story and basement frame dwelling.
Owner—Ben Heglin, 1245 24th Ave.
Architect—Not Given.
Contractor—Phil Heglin, 1245 24th Avenue. $3,000

DWELLING
(778) NE CRAGMONT and Oriole. Two - story and basement frame dwelling.
Owner—C. Seidler, 2311 California St.
Architect—F. W. Dakin, 625 Market.
Contractor—J. Messenger, 1507 Lincoln, Berkeley. $4,500

ALTERATIONS
(779) 201 32nd AVE. Alter dwelling.
Owner—G. W. Mountford, premises.
Architect—Not Given.
Contractor—J. F. Linder, 617 Moraga. $3,000

ALTERATIONS
(780) NINTH AVE. and Geary. Alter service station.
Owner—Shell Oil Co., 100 Bush St.
Plans by Engineering Dept. of Owner. $3,500

DWELLING
(781) SW EDGEHILL WAY and 2nd Auto Easement S & E of Garcia Lots 7 and 8 Blk 2935. One-story and basement frame dwelling.
Owner—Chas. N. Cartwright, 167 Hernandez
Architect—Not Given.
Contractor—A. J. Wilbe, 50 Harry. $6,800

APARTMENTS
(782) N UNION 175 E Scott. Three-story frame apartments.
Owner and Builder—Frank Antonioli, 159 Marina Blvd.
Engineer—Jas. M. Smith, 251 Kearny Street. $30,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
436	Richardson	Paige	1000
437	East	Owner	1000
438	Connor	Connor	1500
439	De Chene	Rich	4500
440	Newsom	Rose	1100
441	Gibson	Campomenosi	12000
442	Booth	Owner	6800
443	Mueller	Owner	5000
444	Dupuich	Bristol	13000
445	Wagner	Owner	40000
446	Hamlin	Owner	1500
447	Capital	Acme	1000
448	Christensen	Owner	1685
449	Collins	Rose	1000
450	Ruhdue	MacDonald	2600
451	Walker	Bradhoff	1500
452	Mauerham	Mayhew	4000
454	Roman	Alley	2400
455	Alameda	Hopper	5600
456	Traver	Pickerell	4000
457	Freeze	Rose	1000
458	Scherwin	Anderson	8000
459	Anderson	Hansen	5000
460	Alameda	Dowling	4000
461	Scammell	Owner	5500
462	Colombo	Soder	2500
463	Bonds	Owner	7000
464	Peel	Owner	3500
465	Gray	Appelbe	5000
466	Brasch	Owner	6000
467	Oakland	Owner	17000
468	Butler	Owner	4000
469	Meek	Owner	4400
470	Johnsen	Owner	3950
471	Madsen	Bradhoff	3800
472	Schwartz	Kelly	8292
473	Keste	Owner	6700
474	Taylor	Owner	6000

ADDITION
(436) 2706 CLAREMONT AVENUE, **OAKLAND.** Addition.
Owner — Flora R. Richardson, 2605 Haste St., Berkeley.
Architect—Harris Alley.
Contractor—Harold L. Paige, 5651 Oak Grove Ave., Oakland. $1000

ALTERATIONS
(437) 941 AILEEN ST., **OAKLAND.** Alterations and addition.
Owner and Builder—East Bay Refrigerating Prod. Corp., premises.
Architect—Not Given. $1,000

DWELLING
(438) 1733 FRANCISCO, **BERKELEY.** One-story 3-room frame dwelling.
Owner—W. H. Connor, 1733 Francisco, Berkeley.
Architect—Not Given.
Contractor—Connor and Connor, 1733 Francisco, Berkeley. $1500

DWELLING
(439) 1091 BROOKWOOD RD., **OAKLAND.** One-story 5-room dwelling.
Owner—E. R. DeChene, 364 14th St., Oakland.
Plans by Owner.
Contractor—Jas. L. Rich, 556 37th St., Oakland. $4,500

REPAIRS
(440) 41 LAKE AVE., **PIEDMONT.** Fire repairs.
Owner—Mrs. K. Newsom, 41 Lake Avenue, Piedmont.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1100

DWELLING
(441) 80 CAMBRIAN, **PIEDMONT.** Two-story 9-room residence & garage.
Owner — C. C. Gibson, 76 Wildwood Ave., Piedmont.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—E. S. Campomenosi. $12,000

DWELLING
(442) 650 GRIZZLY PEAK BLVD., **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner and Contractor—B. S. Booth, 375 Euclid Ave., Oakland.
Architect—Not Given. $6,800

DWELLING
(443) 698 CRESTON, **BERKELEY.** One-story 5-room frame dwelling. and garage.
Owner and Contractor—T. R. Mueller, 1111 Fresno, Berkeley.
Architect—Not Given. $5,000

APARTMENTS
(444) 1518-20-22 LEIMERT BLVD., **OAKLAND.** Two - story 15-room apartments.
Owner—Dr. Leon R. Dupuich, 40th & Broadway, Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Mark Bristol & Co., 1038 McKinley Ave., Oakland. $13,000

WAREHOUSE
(445) NO. 106 WEBSTER STREET, **OAKLAND.** Two-story concrete warehouse.
Owner — George Wagner, 181 South Park, San Francisco.
Architect—Not Given. $40000

ALTERATIONS
(446) NO. 389 THIRTIETH STREET, **OAKLAND.** Alterations and addition.
Owner—O. D. Hamlin Jr., Bank of America Bldg., Oakland.
Architect—Not Given. $1500

SIDEWALK
(447) NO. 401-403 EIGHTH STREET, **OAKLAND.** Sidewalk construction.
Owner—Capital Co., 12th and Broadway, Oakland.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor — Acme Constr. Co., 9528 Foothill Blvd., Oakland. $1000

DWELLING
(448) NO. 17051 BROADWAY TERrace, **OAKLAND.** One-story five-room dwelling.
Owner—Ethel Christensen, Fox-Oakland Theatre Bldg., Oakland.
Architect—Not Given. $1685

ADDITION
(449) NO. 7028 BALSAM WAY, **OAKLAND.** Addition.
Owner—C. D. Collins, 478 25th St., Oakland.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1000

DWELLING
(450) NO. 2066 EIGHTY-FIRST AVE. **OAKLAND.** One-story 4 - room dwelling.
Owner—John Ruhadue, 1615 Webster St., Oakland.
Architect—Not Given.
Contractor — Duncan B. MacDonald, 1531 Posen Ave., Berkeley. $2600

ADDITION
(451) NO. 809 REGAL ROAD, **BERKELEY.** Additions.
Owner—J. W. Walker, Premises.
Architect—Not Given.
Contractar—C. O. Bradhoff, 911 55th St., Oakland. $1500

ALTERATIONS
(452) NI. 1918 BONITA ST., **BERKELEY.** Alterations.
Owner—A. C. Mauerham, 736 Coventry St., Berkeley.
Architect—Not Given.
Contractor—E. G. Mayhew, 6123 Acacia Ave., Oakland. $4000

DWELLING
(453) NO. 1998 WARD ST., **BERKELEY.** Two-story 6-room frame dwelling.
Owner—E. R. De Chene, 364 14th St., Oakland.
Architect—Not Given.
Contractor—Jas. L. Rich, 553 33rd St., Oakland. $4300

ADDITION
(454) 1119 LAFAYETTE ST., **ALAMEDA.** Addition.
Owner—Roman Catholic Archbishop, 1119 Lafayette St., Alameda.
Architect—Not Given.
Contractor—Lesley E. Alley, 1621 Encinal Ave., Alameda. $2,400

ALTERATIONS
(455) 1318 PARK ST., **ALAMEDA.** Alterations.
Owner—Alameda Amusement Co., 25 Taylor St., San Francisco.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—Alfred J. Hopper, 1769 Pleasant Valley Ave, Oakland. $5,600

DWELLING
(456) 3100 FERNSIDE BLVD., **ALAMEDA.** One-story 5-room dwelling.
Owner—C. S. Traver, 1440 Park St., Alameda.
Architect—Not Given.
Contractor—J. H. Pickerell, 1738 Alameda Ave., Alameda. $4,000

REMODELING
(457) 1412 SAN JOSE AVE., **ALAMEDA.** Remodeling.
Owner—Mr. Freeze, 478 25th Street, Oakland.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1,000

REMODELING
(458) 1428-38 LAFAYETTE STREET **ALAMEDA.** Remodeling (4 gagarages in basement).
Owner — Charlotte Scherwin, Elsa Meehan, Mabel S. Strauss, Alameda.
Architect—A. J. Loubet, Berkeley.
Contractor—Walter Anderson, 1014 Doris Court, Alameda. $8,000

DWELLING
(459) 1804 HARVARD DRIVE, **ALAMEDA.** One-story 5-room dwelling.
Owner—F Anderson, Oakland.
Architect—Not Given.
Contractor—Chris Hansen, 1500 Santa Clara Ave, Alameda. $5,000

DWELLING
(460) 1831 CENTRAL AVE., **ALAMEDA.** One-story 5-room dwelling.
Owner—Alameda Builders, 1361 Park St., Alameda.
Architect—Not Given.
Contractor—S. J. Dowling, 2800 Clay St., Alameda. $4,000

DWELLING
(461) NO. 2506 CORDOVA AVENUE, **OAKLAND.** One-story 7 - room dwelling.

PUBLIC LIBRARY
PERIODICAL DEPT.

Owner — J. W. Scammell, 424 Scenic Ave., Oakland.
Architect—Not Given. $5500

ADDITION
(462) NO. 465 FIFTY-NINTH ST., **OAKLAND.** Addition to bakery.
Owner—Colombo Baking Co., 2908 Chestnut St., Oakland.
Architect—Not Given.
Contractor—Oscar Soder, 841 Arlington St., Oakland. $2500

DWELLING
(463) NO. 430 VASSAR STREET, **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner—Milton S. Bonds, 583 Spruce St., Berkeley.
Architect—Not Given. $7000

DWELLING
(464) NO. 3135 CLAREMONT AVE., **BERKELEY.** Two-story 5-room dwelling and garage.
Owner—M. A. Peel, 10 Oakdale Ave., Berkeley.
Architect—Not Given. $3500

DWELLING
(465) NO. 2541 ROSE ST., **BERKELEY.** One-story 6-room frame dwelling.
Owner—B. F. Gray, 2535 Rose Street, Berkeley.
Architect — H. H. Gutterson, 526 Powell St., San Francisco.
Contractor — Frank G. Appelbe, 1067 Walker Ave., Oakland. $5000

DWELLING
(466) 237 HERMOSA AVE., **OAKLAND.** Two-story 6-room dwelling.
Owner and Builder — M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given. $6,000

ALTERATIONS
(467) 918-20 FALLON ST., **OAKLAND.** Alterations.
Owner and Builder—City of Oakland, City Hall.
Architect—Not Given. $17,000

DWELLING
(468) 5782 BUENA VISTA AVENUE, **OAKLAND.** Two-story six-room dwelling.
Owner and Builder—Frank Butler, 726 Kirkham St., Oakland.
Architect—Not Given. $4,000

DWELLING
(469) 4635 KAPHAN Street, **OAKLAND.** One-story 6-room dwell—ing.
Owner and Builder—Jacob Meek, 1455 154th Ave., San Leandro.
Architect—Not Given. $4,400

DWELLING
(470) 5931 MONADNOCK WAY, **OAKLAND.** One-story 5-room dwelling.
Owner & Builder—Mrs. Christine Johansen, 3051 Madeline St., Oakland.
Architect—Not Given. $3,950

DWELLING
(471) 6494 BENVENUE AVE., **OAKLAND.** Two-story 6-room dwelling.
Owner—J. H. Madsen.
Architect—Not Given.
Contractor—C. O. Bradhoff, 911 55th St., Oakland. $3,800

STORE
(472) 3246 LAKESHORE AVENUE, **OAKLAND.** One - story concrete store.
Owner—Henry Schwartz.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Kelly & Tulloch, 335 8th St., Oakland. $8,292

DWELLING
(473) 950 PARK LA'VE, **OAKLAND.** Two-story 6-room dwelling.
Owner and Builder—David Kesti, 2217 Browning St., Berkeley.
Architect—Not Given. $6,700

FLATS
(474) 2306-2308 IVY DRIVE, **OAKLAND.** Two-story 10-room flats.
Owner and Builder—F. S. Taylor, 1622 Harrison St., Oakland.
Architect—Not Given. $6,000

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
47	Whiting	Lynn	12695

No.	Owner	Contractor	Amt.
48	Pacific	Gates	1279
49	Railway	Villadsen	6840
50	Alameda	Hopper	5600
51	Schwartz	Tulloch	8292

(47) HAWTHORNE TERRACE, Berkeley. Two-story residence.
Owner—H. H. Whiting, 1573 Hawthorne Terrace, Berkeley.
Architect—Malcolm D. Reynolds, 411 30th St., Oakland.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.
Filed April 17, '36. Dated April 5, '36.
Frame up 25%
Plastered 25%
Completion 25%
Uual 35 days.....25%
TOTAL COST, $12,695
Limit, 90 days. Plans and Specifications filed.

PAINTING
(48) NO. 479-495 FORTY-FIFTH ST., Oakland. All work for painting.
Owner — Pacific Tel. & Tel. Co., 140 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor — Cliff Gates, 4247 Piedmont Ave., Oakland.
Filed April 20, '36. Dated Mar. 31, '36
When completed 75%
Usual 35 days..... 25%
TOTAL COST, $1279
Bond, $1279. Surety, Pacific Indemnity Co. Limit, 14 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(49) 14th and CENTER STS., Oakland. Two-story brick addition, alterations and additions.
Owner—Railway Express Agency, Inc. 2309 Santa Clara Ave., Alameda.
Architect—Not Given.
Contractor—Villadsen Bros. 1140 Winsor Ave., Piedmont.
Filed, Apr. 21, '36. Dated, Apr. 20, '36
5th and 20th of each month.....75%
Usual 35 days.....25%
TOTAL COST, $6,840.00
Bond, $4320. Sureties, Pacific Indemnity Co. Forfeit, $20 per day. Limit, 60 days. Plans and Spec. filed.

ALTERATIONS
(50) 1318 PARK ST., Alameda. Alterations and additions to Strand Theatre.
Owner—Alameda Amusement Co.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Filed April 22, '36. Dated April 20, '36
On or before 10th of each mo.....75%
Usual 35 days.....25%
TOTAL COST, $5,600.00
Limit, 30 days. Plans and Specifications filed.

BUILDING
(51) LOT 49, Lakeshore Pk. Heights, Oakland. Building.
Owner—Henry Schwartz.
Architect—Edw. T. Foulkes, 357 12th St., Oakland.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.
Filed, Apr. 22, '36. Dated Apr. 21, '36
Six days after first of each mo...75%
Usual 35 days 25%
TOTAL COST, $8,292
Bond, $4146. Sureties, Fidelity and Casualty Co. of New York. Limit, June 24. Plans and Spec. filed.

SAN FRANCISCO UNDER $1000

ALTER stores and flats, $500; 1493 Galvez; owner, C. Depom, premises; contractor, J. B. Bourdieu, 2625 20th St.

ALTER dwelling, $250; 120 Andover; owner, Mrs. Frank Chuirco, premises; day work.

SIGN, electric, $400; 345 Taylor; owner, Mark Twain Hotel, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.

ALTER apartments, $200; 3510 18th street; owner, P. F. Sikora, premises; day work.

ALTER restaurant, $125; 566 Third street; owner, H. Harrington, premises; contractor, Royal Show Case Co., 770 McAllister.

REPAIR fire damage to twelling, $300; 3839 24th street; owner, Mr. Mayes, care of contractor; contractor, L. Salomon, 1734 Broderick.

ALTER dwelling, $150; 1935 Monterey; owner, Grove J. Fink, premises; contractor, G. P. Jensen & Sons, Inc., 320 Market; architect, Martin A. Sheldon, Monadnock Bldg.

ALTER dwelling, $90; 175 27th ave.; owner, Mrs. Mable Coe, premises; day work.

FLUES, $50; NW Delano & Geneva; owner, Boyd C. Lindsay, 183 Oxford; contractor, Walter Furnace & Sheet Metal Co., 2230 Market.

SIGN, electric, $400; 1319 Market; owner, Wolohan's, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.

ALTER restaurant, $200; 527 Monterey; owner, Hooker & Lent, 503 Market; day work.

SIGN, electric, $400; 345 Taylor; owner, Mark Twain Hotel, premises; contractor, QRS Neon Corp., 690 Potrero.

ALTER packing house, $150; 444 Drumm; owner Kingan Packing Co., premises; contractor, Ferry Sheet Metal Works, 980 Folsom.

ALTER dwelling, $600; 3155 San Jose; owner, J. E. Radulovich, 28 De Long; contractor, Miller & McGillis, 527 19th Ave.

ALTER dwelling, $700; 2705 Larkin; owner, Dr. E. H. Falconer, premises; day work.

FLUES, $50; E. 29th ave., 75 S. Cabrillo; owner Thos. Mohler, 687 28th avenue; contractor, Furnace & Sheet Metal Co., 2230 Market.

SIGN, electric, $200; 1319 Market; owner, Wolohan's, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.

SIGN, electric, $100; 1758 Fillmore; owner, Uptown Quality Market, premises; contractor, Electrical Products Corp., 910 Harrison.

SIGN, electric, $100; 920 Grant; owner John Lee, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.

ALTER flats, $50; 1362 Hayes; owner, Mrs. D. M. Duffy, premises; day work.

FLUES, $110; S. Taraval, 52 E. 16th ave.; owner, W. R. Cook, 2071 19th avenue; contractor, National Sheet Metal Works, 3168 Mission.

SIGN, electric, $200; 230 California; Owner, Paddy Ryan, premises; contratcor, Wonderlite Neon Products Co., 170 Otis.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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13.—Public Buildings, Fire Houses and Jails
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16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Completed.
APARTMENTS Cost. $35,000
CARMEL, Monterey Co., Calif.
Two-story apartment building (ten apts.); whitewashed brick and chalkrock construction, heavy shingle roof, fireplaces, general electric kitchens, etc.
Owner—Mrs. Ethel P. Young, Pebble Beach.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.
Bids will be asked in three weeks.

Contract Awarded.
APARTMENTS Cost, $——
SAN FRANCISCO. SE Pierce Street and Toledo Way.
Three-story and basement frame and stucco apartments (21 2- 3- and 4-room apts.) steel frame to first floor, plastered exterior, composition shingle roof, wood sash, tile baths, hardwood floors, etc.
Owner—James Skelly.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.

Contract Awarded
APARTMENTS Cost, $20,000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two - story frame and stucco apartment building.
Owner—Dr. L. H. Dupuich, Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Mark Bristol, 1033 McKinley Ave., Oakland.

Contract Awarded.
DUPLEX RESIDENCE Cost, $8500
SAN JOSE. Santa Clara Co., Calif. No. 733 N. Second Street.
One-story frame and stucco duplex residence.
Owner—Walton J. Cadogan, 788 North First St., San Jose.
Architect—Not Given.
Contractor—George Kocher, Graphic Arts Bldg., San Jose.

Sub-Contracts Awarded
APARTMENTS Cost, $50,000
SAN FRANCISCO. NW Bay St. and Webster.
Three-story and basement frame and stucco apartments (15 2- and 3-room apts.) flat roof, steam heating system, hardwood floors, tile baths, shower, etc.; New American plan.)
Owner—Grace Perego, Inc., 176 Sutter Street.
Architect—H. C. Baumann, 251 Kearny Street.
Structural Engineer—James M. Smith, 251 Kearny Street.
Plumbing and Heating—M. Desiano, 3117 Fillmore Street.
Electric—Martinez Elec. Co., 2173 No. Point Street.
Steel Sash—Michel & Pfeffer iron W'ks Harrison and 10th Sts.
Concrete—A. Dini, 187 Irvington St., Daly City.
As previously reported, structural steel awarded to Bethlehem Steel Co., 20th and Illinois Sts.; lumber to San Francisco Lbr. Co., Beach and Powell Streets.

Contract Awarded.
APARTMENTS Cost, $12,500
SAN JOSE, Santa Clara Co., Calif. No. 643 S. Second Street.
Two-story frame and stucco apartment building (4 apts.)
Owner—A. G. Hartnam, 1069 Carolyn Ave., San Jose.
Architect—Not Given.
Contractor — A. R. Calvelli, 1625 Emory St., San Jose.

To Ask Bids Within Few Days.
ALTERATIONS Cost, $4000
SAUSALITO, Marin County, Calif.
Alterations to apartment bldg. (heating, plumbing, plastering, painting electrical work, mill work, etc.)
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Bids will be asked within a few days.

To Be Done By Day's Work
APARTMENTS Cost, $40,000
SAN FRANCISCO. N Union St. 175 E Scott Street.
Three-story and basement frame and stucco apartments.
Owner and Builder—Frank Antonioli, 159 Marina Blvd.
Engineer—Jas. M. Smith, 251 Kearny.

4— FACTORIES & WAREHOUSES

Plans Being Completed
WINERY Cost, $——
WOODBRIDGE, San Joaquin Co., Cal.
New winery (wine and storage building, fermenting cellar, distillery, and office building (frame, galvanized iron and reinforced concrete construction) new equipment, etc.
Owner—Del Rio Winery.
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.
Estimated cost of the equipment is $90,000. Bids will be asked in about two weeks.

Contract Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. No. 540 Tenth St.
Alterations to warehouse.
Owner—American Rolling Mills Co., Premises.
Plans by Engineering Dept. of Owner.
Contractor—Geo. Wagner, 181 South Park, San Francisco.

Contract Awarded.
ALTERATIONS Cost, $20,000
SAN FRANCISCO. No. 119-129 Kansas Street.
Alterations to warehouse.
Owner — San Francisco Development Co., Kohl Bldg., San Francisco.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco.

Managers of Construction Selected
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda aves.
Group of four buildings for glass manufacturing plant (brick and insulux glass construction) concrete foundations, corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco. (P. B. Burtt, Vice President, in charge.)
Structural Engineer — Kaj Theill, 580 Market St., San Francisco.
Mgr. of Construction: P. J. Walker Co., Sharon Building, San Francisco.
All of the work will be let by contract. No schedule for taking figures has been announced.
As previously reported, excavation, filing and grading contract awarded to Heafey Moore Co., 344 High St., Oakland, at $16,280.

April 20, 1936

PLANNED
INGLEWOOD, Los Angeles Co., Cal.—Forrest Furniture Co., 1309 W. Redondo Blvd., Inglewood, proposes building a new factory building (25,000 sq. ft.) in Inglewood.

Contract Awarded
FACTORY Cost, $——
OAKLAND, Alameda Co., Calif. 16th and Center Streets.
One - story factory (concrete foundations, brick walls, timber framing, etc.)
Owner—Railway Express Company.
Plans by Engineering Dept. of Owner
Contractor—Villadsen Bros., 354 Hobart St., Oakland.

Contract Awarded
ADDITION Cost, $——
ALVARADO, Alameda Co., Cal.
Addition to plant (reinforced concrete walls anad floors).
Owner—Holly Sugar Corporation.
Plans by Engineering Dept. of Owner.
Contractor—Villadsen Bros., 354 Hobart St., Oakland.

To Be Done By Day's Work.
WAREHOUSE Cost, $40,000
OAKLAND, Alameda Co., Cal. No. 106 Webster Street.
Two-story concrete warehouse.
Owner and Builder—George Wagner, 181 South Park, San Francisco.

Plans Being Figured—Bids Close May 1st, 12 Noon.
FACTORY Cost, $50,000
SAN LEANDRO, Alameda Co., Calif. Washington Ave. near Estabrook
One - story calculating machine factory and office building (262x72-ft.) Class B construction, steel, concrete and glass, steel sash, steel truss roof, etc.
Owner — Friden Calculating Machine Co. (Carl F. Friden, President).
Architect—Fred. H. Reimers, 233 Post St., San Francisco.
Fred. K. DuPuy, 110 Sutter St., San Francisco, is among the contractors figuring the plans.

Elevator Bids Wanted.
WAREHOUSE Cost, $40,000
OAKLAND, Alameda Co., Calif. No 106 Webster Street.
Two-story concrete warehouse.
Owner and Builder—George Wagner, 181 South Park, San Francisco.
Lessee — Armour & Co., 370 Second St., Oakland.

Plans by Engineering Dept. of Lessee
Following sub-contracts awarded:
Cement, Sand and Gravel — Powell Bros., Harrison and Pearl Sts., Oakland.
Lumber—J. H. McCallum, Bryant and Oak Grove Sts., San Francisco.
Reinforcing Steel—W. C. Hauck, 280 San Bruno Ave., San Francisco.
Electric—Roy Butcher, 1020 Sherwood Ave., San Jose.
Plumbing and Heating—J. H. Pinkerton, 927 Howard St., S. F.
Steel Sash — Detroit Steel Products Co., 63rd and Doyle Sts., Emeryville.
Miscellaneous and Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.

Plans Being Prepared
PLANT Cost, $125,000
RICHMOND, Contra Costa Co., Calif. Thirteen-acre site.
New spray chemical plant.
Owner—California Spray Chemical Co. (Charles F. Andres, Mgr.) Richmond.
Engineers—Stone and Webster, Russ Bldg., San Francisco.
Further details will be announced in about three weeks. *

Planned.
ADDITION Cost, $100,000
KINGSBURG, Fresno Co., Cal. Highway 99 and Mt. View Avenue.
Addition to winery ,additional storage and cooperage facilities, etc.)
Owner — Muscat Cooperative Winery Association.
Architect—Not Given.
Further details will be announced shortly.

Contract Awarded.
SHOP AND RESIDENCE $2980
MOUNTAIN VIEW, Santa Clara Co., Calif. Castro and Calderon Subdivision.
One-story shop and residence.
Owner—Vic Schurra, 235 Hope Street, Mountain View.
Architect—Not Given.
Contractor—R. W. True, 465 View St., Mountain View.

Contract Awarded.
ADDITION Cost, $3500
OAKLAND, Alameda Co., Cal. No. 465 Fifty-ninth Street.
Addition to bakery.
Owner — Colombo Baking Co., 2908 Chestnut St., Oakland.
Architect—Not Given.
Contractor—Oscar Soder, 811 Arlington St., Oakland.

5— FLATS

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 1588 Dolores St.
Alterations to flats.
Owner—H. Reilly, premises.
Architect—Not Given.
Contractor—Frank J. Reilly, 6350 Fulton Street. 5

Contract Awarded.
FLATS Cost, $6500
SAN FRANCISCO. SW 23rd Avenue and Judah Street.
Two-story frame and stucco flats.
Owner—H. Lundberg, 1414 23rd Ave., Oakland.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor — Carl Olson & Son, 1495 18th Ave., San Francisco.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $3000
SAN FRANCISCO. SE Thirtieth Ave. and Judah Street.
Class C service station.
Owner—C. A. Iverson, 1539 10th Ave., San Francisco.
Architect—R. C. Schuppert, 1530 Wellington St., Oakland.
Contractor—W. Byron Milton, 589 Haddon Road, Oakland.

Contract Awarded.
ALTERATIONS Cost, $10,000
ALAMEDA, Alameda Co., Cal. No. 1428-38 Lafayette Street.
Alterations for four garages.
Owner—Charlotte Scherwin et al.
Architect—Not Given.
Contractor — Walter Anderson, 1014 Doris Court, Alameda.

Plans Being Completed
SERVICE STATION Cost, $5,000
SANTA CRUZ, Santa Cruz Co., Calif. Mission and River Streets.
New service station (124x78-ft.) six pumps (steel framing, frame and stucco construction).
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner. Bids will be asked shortly.

Contract Awarded
SERVICE STATION Cost, $6,000
SAN FRANCISCO. SW Twenty-fourth Avenue and Geary Street.
One-story steel service station.
Owner — General Petroleum Corp. of California, 310 Sansome Street.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3445 Laguna Ave., Oakland.

Plans Completed
ALTERATIONS Cost, $4,500
SAN FRANCISCO. Ninth Avenue and Geary Street.
Alterations to service station.
Owner—Shell Oil Co., Shell Building.
Plans by Engineering Dept. of Owner.

7— FEDERAL BUILDINGS

BIDS WANTED
LONG BEACH, Cal.—Custodian, U. S. Post Office, Long Beach, is receiving bids for constructing new doors in basement of the Long Beach post office.

CONTRACT AWARDED
PEARL HARBOR, T. H. — Van Haunn Young Co., Ltd., Honolulu, T. H., at $4,979 awarded contract by the Bureau of Yards and Docks, Navy Department, for improvements to elevators at the Fleet Air Base, Pearl Harbor; Spec. No. 8110.

Complete Bids
POST OFFICE Cost, $65,000
SELMA, Fresno Co., Cal. NE North and High Streets.
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Low Bidder—Wicks Engr. and Const. Co., 1441 Bluff St., Des Moines, Ia.
Complete bids follow:
(1) Job complete with steel windows;
(2) Job complete with wood windows, except skylights.

Wicks Engr. & Const. Co., Des Moines, Iowa	(1)	$58,800
	(2)	58,000
Robt. E. McKee, L. A.	(1)	$59,450
	(2)	58,650
Schuler & McDonald, Oakland	(1)	$67,490
	(2)	67,790
Midstate Const. Co. Fresno	(1)	$68,313
	(2)	67,563

Bids held under advisement.

BUILDING MATERIALS APPROVED
NACO, Arizona — Treasury Department approved the following building material awards for the construction of the U. S. Inspection Station at Naco, Arizona. Edmond and E. J. Pfotzer, 5305 Haverford Ave., Philadelphia, Pa., general contractors:
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water cooler and drinking fountain, Halsey W. Taylor Co.; indirect water heater, Richmond Engr. Co.; water supply pipe, Am. Brass Co.; pressure reducing valve on water supply Mueller Steam Specialty; relief valve, Watts Regulator Company; non-conducting covering for plumbing, Johns-Manville Co.; tube radiators, American Radiator Co.; wall radiators, Am. Radiator Co.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, Jas. P. Marsh Corp.; air valves for radiators and air valves for end of steam mains, American Radiator Co.; sump pump, Weil Pump Co.; boilers, Pacific Steel Boiler Corp.; ash hoist, Telescope Hoistwell Ash Lift; panel boards, Bull Dog Elec. Corp.; ash hoist, Telescopic Hoistwell switches, Arrow-Hart & Hegeman Elec. Co.; glassware, Gill Glass & Fixture Co. and Moe-Bridges Corp.; lighting fixtures, Moe-Bridges Corp.

BIDS OPENED
REDWOOD CITY, San Mateo Co., Cal.—E. O. Badger, Upland Rd., Redwood City, at $258 submitted the low bid to Custodian, U. S. post office, Redwood City, for cement pavement and walks, etc., at the Redwood City post office.
Complete bids folow:
E. O. Badger, Redwood City.....$258
W. O. Tyson, Redwood City..... 260
J. Raffensperger, Redwood City..... 280
Bids held under advisement.

BIDS OPENED
CARSON CITY, Nevada—Otis Elevator Co., 1 Beach St., San Francisco, at $19,690 submitted only bid to Treasury Department, Washington, D. C., for furnishing and installing elevators in the U. S. Post Office in Carson City. Bids held under advisement.

CONTRACT AWARDED
NAPA, Napa Co., Calif. — Newman Bros., McMinnville Oregon, at $780.00 awarded contract by Treasury Department for painting plaster, etc., at the U. S. Post Office in Napa.

Bids Wanted—To Close May 18, 1 P. M.
POST OFFICE Cost, $75,000
RENTON, Wash.
United States Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.

BIDS REJECTED
LONG BEACH, Cal.—Treasury Department rejected all bids for new doors for basement of the Long Beach Post Office.

BIDS WANTED
LOS ANGELES, Cal.—Until May 25, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for partial clearing of the site of the new U. S. Post Office and Courthouse at Los Angeles.
Specifications may be obtained from above office and from the Custodian of the Building, Los Angeles.

BIDS WANTED
SAN DIEGO, Cal.—Until April 28, 11 A. M., bids will be received by Public Works Department, Eleventh Naval District, foot of Broadway, San Diego, for applying stucco to the exterior of two existing brick buildings and the replacement of seven defec-

tive concrete window sills on one of the buildings to be stuccoed. The area of the walls of the two buildings to be stuccoed, including wall openings is approximately 830 sq. yds. Drawings and specifications may be obtained from the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, upon deposit of $10 payable to the Chief of the Bureau of Yards and Docks; Specification No. 8204.

Additional Sub-Contracts Awarded
POST OFFICE Cont. Price, $83,000
REDDING, Shasta Co., Cal. Oregon Street bet. Placer and Yuba Sts.
United States Post Office.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Contractor—Dinwiddie Const. Co., Crocker Bldg., San Francisco.
Cement—Diamond Match Co. Redding
Hollow Metal—Forderer Cornice W'ks, 269 Potrero Ave., San Francisco.
Cut Stone—California Cut Stone Co., South San Francisco.
Masonry—Harry Drake, 666 Mission St., San Francisco.
Plastering—H. T. Brooks, Chico.
Sheet Metal—Allen & Allen, Red Bluff
Hardwood Floors — Regal Floor Co., 490 Brannan St., San Francisco.
Metal Windows—H. E. Root.
Painting—Raphael Co., 270 Tehama St., San Francisco.
Ornamental Iron—Star Ornamental Iron Works, 1271 Folsom St., San Francisco.
Metal Partitions—Weiss Mfg. Co.
Other awards previously reported.

BIDS WANTED
KELSO, Wash.—Until May 18, bids will be received by Treasury Department, Washington, D. C., for waterproofing brickwork at the U. S. Post Office, Kelso, Washington.

Low Bidders
POST OFFICE Cost, $——
CENTRALIA, Wash. SE Locust and Silver Streets (140x160-feet).
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Low Bidder—Harry Boyer and Sons, Olympia.
Three low bids follow:
Harry Boyer & Sons, Olympia..$62,000
Standard Const. Co., Seattle..... 64,345
George Isacson, Portland..... 64,950
Complete bids will be given shortly.

8— CLUB BUILDINGS

PLANNED
PALM SPRINGS, Riverside Co., Cal.—Robert Ransome, Palm Springs, proposes construction of an athletic club in Palm Springs; a permit for incorporation having been issued by the state corporation commissioner. The club will be built on a five-acre site located approximateley in the center of Palm Springs desert estates between Palm Canyon Dr., and the Racquet Club on Indian Ave. Construction work for the building, which will be of Spanish design, will start in the early summer. The officers of the club are: Robert Ransom, president; Mason Case, vice-president and W. F. Truelsen, secretary-treasurer. Cost, $100,000.

Contract Awarded
CLUB HOUSE Cost, $40,000
RIO DEL MAR, Santa Cruz Co., Cal.
One - story reinforced concrete clubhouse (174 feet in length; concrete piers) 400 lockers, dining rooms, tile shower room, kitchen, steam heating plant, etc.
Owner — Rio Del Mar Country Club (Walter McGowan, Gen. Mgr.)
Plans by Engineering Dept. of Owner, Russ Bldg., San Francisco.
Contractor—Lindgren and Swinerton, Inc., 225 Bush St., San Francisco.

Preparing Working Drawings
ALTERATIONS Cost, $100,000
BERKELEY, Alameda Co. Campus of the University of California.
Structural changes and miscellaneous work at Stephens Union.
Owner—University of California.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Structural Engineer—H. J. Brunnier, Sharon Bldg., and W. L. Huber, 1 Montgomery St., San Francisco.

9— HOSPITALS

Preparing Preliminary Plans.
HOSPITAL ADDN. Cost, $100,000
OAKLAND, Alameda Co., Cal. Webster and Hawthorne Streets.
Addition to hospital, probably concrete construction.
Owner—Merritt Hospital.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Bids will be asked in about sixty days.

Contract Awarded.
HOSPITAL Cost, $20,000
YUBA CITY, Sutter Co., Cal Plumas Street.
One-story frame and stucco hospital (40x120 feet) 30 beds; Spanish type, air conditioning system, etc
Owner—Mrs. Dewey Culp.
Architect—Not Given.
Contractor — Clarence Stephenson, Yuba City. *

Preliminary Plans Completed.
HOSPITAL Cost, $20,000
COALINGA, Fresno Co., Calif.
One-story and basement hollow tile fireproof hospital (15-18 beds); composition roof, linoleum floor covering, etc.
Owner—Pleasant Valley Hospital Association.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Board of Directors is composed of: Hans R. Sumpf, chairman; F. J. McCollum, vice-president; V. D. Davis, treasurer; W. H. Grant, A. W. West, Arthur Blank and Phil Babel.
Loran C. Vanderlip, Secretary and V. D. Davis, chairman of solicitation and finance.
Preliminary plans awaiting approval of State Board of Health.

CONTRACT AWARDED
SAN FRANCISCO—N. Hemminga, 627 38th Avenue, at $375 awarded contract by Treasury Department, Washington, D. C., for repairing roof leaks on main building No. 1, Marine Hospital, San Francisco.

Plans Being Figured—Bids Close May 2nd, 11 A. M.
NURSES' HOME Cost, $40,000
ATWATER, Merced Co., Calif.
One - story frame and stucco nurses' home; 1-story frame and stucco garage and one-story frame and stucco activity bldg.; landscaping equipment, etc. (second uit).
Owner—City of Atwater.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.
Plans and specifications may be obtained from the architect or the engineer upon deposit of $10.00.

Bids Opened
WARD Cost, $——
CAMARILLO, Ventura County, Calif. (State Hospital).
Two - story reinforced concrete ward bldg. (units 6 and 7) tile roof, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Low bids follow:
General Work—Louis A. Geisler, 6212 Middleton St., Huntington Park, $192,830.
Heating and Ventilating—Yale-Riddell Co., 1826 S Main St., Los Angeles $25,215.
Plumbing—Scott Co., 243 Minna St., San Francisco, $19,197.
Electric—Coast Electric Co., 2350 Cedar Ave., Long Beach, $11,039.
Complete bids follow:

General Work
Louis A. Geisler, Huntington Park $192,830
L. F. Dow, Los Angeles..... 193,474
Robt. E. McKee, Los Angeles 205,900
Los Angeles Contr. Co., and C. G. Wopschall, L. A..... 224,600
Taylor & Taylor, Pasadena..... 241,840

Heating and Ventilating
Yale-Riddell Co., L. A..... $25,215
Pacific Heating & Ventilating Co., Oakland 25,375
American Engr. & Contr. Co., Los Angeles 26,471
Munger & Munger, Pasadena.... 26,655
Johnston & Washer, L. A..... 27,149
J. Herman Co., Los Angeles..... 28,000
Consolidated Heating & Ventilating Co., Los Angeles..... 28,888
S. C. Brown Co., Los Angeles.... 32,727
The Scott Co., Oakland..... 33,229

Plumbing
Scott Co., San Francisco..... $19,197
J. A. Fazio, Oakland..... 21,753
F. C. Schilling, L. A..... 21,760
Munger & Munger, Pasadena.... 23,167
Johnston & Washer, L. A..... 23,214

Electric
Coast Electric Co. Long Beach..$11,039
Moore Elec. Co., Los Angeles.... 11,486
Bids held under advisement. *

PLANNED
WHIPPLE, Ariz. — Veterans' Administration, Washington, D. C., proposes remodeling the veterans' hospital at Whipple, Ariz. The program is expected to include the construction of a surgical hospital to replace the present building, which originally was an officers' residence. The city and county recently completed a topographical map of the hospital reservation and statistical information requested by the veterans administration in Washington. The remodeling program is scheduled to start in June and the estimated cost is $676,000

Contracts Awarded.
WARD Cost, $248,281
CAMARILLO, Ventura County, Calif. (State Hospital).
Two-story reinforced concrete ward bldg. (units 6 and 7) tile roof, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Low bids follow:
General Work—Louis A. Geisler, 6212 Middleton St., Huntington Park, $192,830.
Heating and Ventilating—Yale-Riddell Co., 1826 S. Main St., Los Angeles $25,215.
Plumbing—Scott Co., 243 Minna St., San Francisco, $19,197.
Electric—Coast Electric Co., 2350 Cedar Ave., Long Beach, $11,039.
Complete bids published April 22.

10— HOTELS

CONTRACT AWARDED
WEST LOS ANGELES, Cal. — M. Burgbacher & Sons, 469 S. Fairfax Ave., will build a three-story frame & stucco hotel (50 rooms) at the northwest corner of Wilshire Blvd. and Gayley Ave., West Los Angeles for Mrs. Harry Arnheim. Cost, $50,000. P. P. Lewis, 1063 Westwood Blvd., West Los Angeles, Architect.

To Be Done By Day's Work
ALTERATIONS Cost, $4,500
SAN FRANCISCO. 55 Columbus Ave. Alterations to hotel.
Owner—C. P. Pond, premises.

Architect—Not Given.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Slab Form Contract Awarded
COURT HOUSE Cont. Price, $424,432
SALINAS, Monterey Co., Calif. Site of Old County Courthouse (Cayuga Street).
Three - story reinforced concrete fire proof court house (reinf. concrete foundations, steam heating plant, gas fired boilers, temperature control, composition roof, etc.)
Owner—County of Monterey.
Architect—Robert Stanton, Del Monte Hotel, Del Monte, and Chas. Butner, Glikbarg Bldg., Salinas.
Engineer—Richard Ware, care architect.
Mechanical Engineer—G. M. Simonson 74 Montgomery St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Slab Forms—Steelform Contr. Co., 688 Harrison St., San Francisco.
As previously reported concrete contract awarded to Central Supply Co., Watsonville; excavation to gunite Construction Co., Watsonville.

Contract Awarded
LIBRARY Contract Price, $14,980
SACRAMENTO, Sacramento Co., Cal. McKinley Park.
One - story reinforced concrete branch library.
Owner—City of Sacramento.
Architects—Harry Devine, California State Life Bldg., and Starks and Flanders, Forum Building, Sacramento.
Contractor—H. W. Robertson, 3004 F St., Sacramento.
Complete bids published April 13.

Material Bids Wanted—To Close May 4, 5 P. M.
CITY HALL Cost, $14,000
SEBASTOPOL, Sonoma Co. ,Calif.
One-story reinforced concrete city hall (49x60 feet).
Owner—City of Sebastopol.
Architect—Herbert & Caulkins, Roeenberg Bldg., Santa Rosa.
Following material bids are wanted:
Millwork.
Glass.
Finish hardware.
Brick steps.
Fire doors.
Tile work.
Roofing.
Concrete floors (including magnesite) labor only.
Electrical work.
Plumbing.
Sheet metal.
Heating.
Plastering and stucco.
Painting.
Shades.
Insulation.
Composition flooring.
Plans and specifications may be obtained from the City Clerk, F. G. McFarlane, Sebastopol, upon deposit of $10.

Bids Rejected—Plans To Be Revised.
LIBRARY & HALL Cost, $19,000
PALO ALTO, Santa Clara Co., Calif. Mayfield District.
One-story branch library and assembly hall (frame and stucco construction, terra cotta tile roof, gas floor furnaces, radiator, Oregon pine floors, steel sash, etc.)
Owner—City of Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Bids ran high and were rejected. Plans will be revised and new bids asked shortly.
On previous bid opening lowest bid was submitted by George R. Moore, Palo Alto, at $18,798.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
BURLINGAME, San Mateo Co., Calif. Lot 25, Block 28, Bloomfield Rd.
Two-story frame and stucco residence
Owner and Builder—Burlingame Realty Co., 1090 Burlingame Sq., Burlingame.

14— RESIDENCES

Plans Completed
RESIDENCES Cost, $——
SAN FRANCISCO. W Henderson Avenue S Geary Blvd.
Five one - story and basement frame and stucco residence (five rooms each) tile roofs, tile in baths, wood sash, hardwood floors, canvas walls, etc.
Owner—T. J. Draffin 690 34th Ave.
Architect—H. C. Baumann 251 Kearny Street.

Sub-Contracts Awarded.
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Cal. No. 1561 Hawthorne Terrace.
Two-story and basement frame and stucco residence (10 rooms).
Owner—H. H. Whiting, 1573 Hawthorne Terrace, Berkeley.
Architect—Malcolm & Reynolds, 411 30th St., Oakland.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.
Roofing—Bay Cities Roofing Co.
Plumbing — Amber Bros., 1240 49th Avenue.
Electric Wiring — Fred Schmits, 428 Moss Ave.
Sheet Metal — Granholt Sheet Metal Works, 921 University Avenue, Berkeley.
Tile Work — Superior Tile Co., 3743 Broadway.
Brick Work—Collins & Jensen, Berkeley.
Lathing and Plastering—A. Cardoni, 5244 Lawton Avenue.
Lumber—Blackman-Anderson Co.
Wood Sash—Lannon Bros. Mfg. Co., 5th and Magnolia Sts.
Flooring—Inlaid Floor Co., 600 Alabama St., San Francisco.
All of Oakland unless otherwise noted.

Contract Awarded
RESIDENCE Cost, $——
RIO DEL MAR, Santa Cruz Co., Cal.
One - story brick week-end cottage (4 rooms) flat roof, etc.
Owner—William Binder.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Contractor—E. Nommensen, 315 So. 17th St., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal. No. 650 Grizzly Peak Blvd.
Two-story frame and stucco residence (six rooms).
Owner and Builder—B. S. Booth, 375 Euclid Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
ALAMEDA, Alameda Co., Cal. No. 1831 Central Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—Alameda Builders, 1361 Park St., Alameda.
Architect—Not Given.
Contractor—S. J. Dowinig, 2800 Clay St., Alameda.

Contract Awarded.
RESIDENCE Cost, $6000
ALAMEDA, Alameda Co., Cal. No. 1804 Harvard Drive.
One-story and basement frame and stucco residence (5 rooms).
Owner—F. Anderson.
Architect—Not Given.
Contractor—Chris. Hansen, 1500 Santa Clara Ave., Alameda.

Contract Awarded
RESIDENCE Cost, $15,000
MONTEREY, Monterey Co., Cal. Tobin Subdivision.
One-story frame residence (8 rooms) shake roof, steel sash, hardwood floors, tile baths, etc.; Rambling type.
Owner—Dr. H. L. Niebel, Palo Alto.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.
Contractor—Harold C. Geyer, 980 Hellam St., Monterey.
Lumber—Tynan Lbr. Co., Monterey.
Mill Work—Work Lbr. Co., Monterey.
Plumbing and Heating—Phillips Plbg. & Htg. Co., Monterey.
Wiring—Dan Searle, Monterey.
Plastering—Geo. Turner, Pacific Grove
Painting—Chas. Allaire, Monterey.
Linoleum—Rudolph's Furniture Store, Monterey.
Concrete—W. H. Ten Eyck, Monterey.
Brick Work—J. Scholz, Pacific Grove
Steel Sash—Truscon Steel Co., 604 Mission St., San Francisco.
Plate Glass—Thos. French, Monterey.

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Calif.—Alva Hackney, 321 Haberfelde Bldg., Bakersfield, awarded contract for two-story Southern Colonial type residence to be built at the west end of 21st St., Bakersfield, for Dr. Keith S. McKee. The residence will be of frame construction, siding exterior, casement and double-hung windows, hardwood and tile floors, tile baths and drainboards, insulating material, shingle roofing, wood shutters, ornamental metal, electric refrigeration, air conditioning system, fireplaces, garage, etc. The following sub-contracts have been awarded: Lumber to Bakersfield Standstone Brick Co.; plumbing to . W. Smetzer; electric work to Lou Bauer; heating to Gundlach Plumbing & Sheet Metal Co., Ltd.; plastering to Chas. Conklin; brick work to Thos. Hope; tile work to Kern County Roofing & Tile Co.; flooring to Thos. Fraser. Clarence Cullimore, 101 Oleander Ave., Bakersfield, architect.

Contract Awarded.
RESIDENCE Cost, $——
SAN MATEO, San Mateo Co., Calif.
Two-story and basement frame residence (10 rooms, 4 baths) cement plaster exterior, shingle tile roof, gas heating system, oak floors.
Owner—Mrs. F. B. Hussey.
Architect—Gardner A. Dailey, 210 Post Street, San Francisco.
Contractor — G. P. W. Jensen, 320 Market St., San Francisco.

Contract Awarded.
ADDITION Cost, $3000
ALAMEDA, Alameda Co., Cal. No. 1119 Lafayette Street.
Addition to residence.
Owner—Roman Catholic Archbishop.
Architect—Not Given.
Contractor—Lesley E. Alley, 1621 Encinal Ave., Alameda.

Contract Awarded
RESIDENCE Cost, $6,000
SACRAMENTO, Sacramento Co., Cal.
Two-story frame and stucco residence
Owner—J. Bruce Williams.
Architect—Not Given.
Contractor—Arthur Fisher, 800 35th St. Sacramento.

RESIDENCE Cost, $11,769
HILLSBOROUGH HEIGHTS, San Mateo Co., Calif.
Two-story frame, stucco and rustic residence.
Owner—W. C. Boole, Hillsborough.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Plans Being Revised.
RESIDENCES Cost, $——
WATSONVILLE, Santa Cruz Co., Cal.
One-story and basement frame and stucco residence (5 rooms) tar and gravel roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
New bids will be asked shortly.

Plans Being Figured—Bids Close Apr. 27, 8 P. M.
RESIDENCE Cost, $15,000
HAYWARD, Alameda Co., Calif.
Two-story rustic residence (10 rooms, 5 baths) shingle roof, gas heating system, hardwood floors, tile baths wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.

Sub-Contracts Awarded.
RESIDENCE Cost, $8500
PALO ALTO, Santa Clara Co., Calif. No. 2061 Tasso Street.
Two-story and basement frame and stucco residence.
Owner—Harley C. Gregg, 319 Bryant St., Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor—R. C. Knight, 495 Bailey Ave., Mt. View.
Plumbing—Wallace & Stump, Mountain View.
Electric Wiring—Erskine Electric Co. Redwood City.
Tile—Art Tile Co., 221 Oak St., San Francisco.
Brick Work — Walker Bros., Menlo Park.
Painting—Otto Freeborn, Mt. View.

Low Bidder.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. Merriewood Tract.
Two-story frame residence (redwood siding, composition roofing, etc.)
Owner—H. Crandall.
Architect—Not Given.
Low Bidder—Frank Foster, Oakland.

Contract Awarded
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
One - story and basement residence (5 rooms) shingle exterior walls, hardwood and tile floors, gas heating system, wood sash, tile bath.
Owner—B. N. Brandstead.
Architect—Victor Galbraith, 221 East Acacia St., Stockton.
Contractor—H. V. McDaniel, 1429 Pinchot St., Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 5925 Manchester Drive.
Two-story and basement frame and stucco residence (7 rooms).
Owner and Builder — H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $——
WOODBRIDGE, San Joaquin Co., Cal.
Two-story residence (7 rooms and 3 baths) shingle exterior walls, wood shingle roof, oil burning heating system, wood sash, hardwood and linoleum floors, tile sinks, double garage, etc.
Owner—P. W. Bonine.
Architect—Victor Galbraith, 221 East Acacia St., Stockton.
Contractor—H. V. McDaniel, 1429 Pinchot St., Stockton.

Contract Awarded
RESIDENCE Cost, $——
LODI, San Joaquin Co., Calif.
Two-story residence (7 rooms and 2 baths) redwood boarding exterior, heavy shake roof, air conditioning system, wood sash, tile baths, hardwood floors, double garage, etc. (California Ranch type).
Owner—Dr. Rockhill.
Architect—Victor Galbraith, 221 East Acacia St., Stockton.
Contractor—F. C. Bender, 1 0 4 South Washington St., Lodi.

Plans Being Revised
RESIDENCE Cost, $9,808
SAN JOSE, Santa Clara Co., Calif. Emory and Morse Streets.
Two - story and basement frame and stucco residence (7 rooms and 2 baths) tile roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—E. Rosenthal.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
New bids will be asked shortly.

Contract Awarded
ALTERATIONS Cost, $3,000
SACRAMENTO, Sacramento Co., Cal. 3055 Land Park Drive.
Alterations to residence.
Owner—Pearl Blauth.
Architect—Not Given.
Contractor—C. J. Hopkinson, 1018 28th St., Sacramento.

Contract Awarded
RESIDENCE Cost, $6,500
BURLINGAME, San Mateo Co., Calif. Lot 56 Block 6, Hale Drive.
Two-story frame and stucco residence
Owner—J. M. Funke, 1035 California Drive, Burlingame.
Architect—Not Given.
Contractor—San Mateo Investment Co. 2563 El Camino Real, San Mateo.

Contract Awarded
DUPLEX BUNGALOW Cost, $8,500
SAN MATEO, San Mateo Co., Calif. Lot 10 Block 3, Eighth Avenue.
Two - story and basement frame and stucco duplex bungalow.
Owner—Walter B. Von Bergman, 208 8th Ave., San Mateo.
Architect—Not Given.
Contractor—California Const. Co., 9317 W Pico Blvd., Los Angeles.

Contract Awarded
RESIDENCE Cost, $6,000
PALO ALTO, Santa Clara Co., Calif. 1861 Fulton Street.
One - story and basement frame and stucco residence.
Owner — B. Salsman, 3 1 0 University Ave., Palo Alto.
Architect—Not Given.
Contractor—A. G. Frykman, 193 Willow Road, Palo Alto.

Plans Being Figured—Bids Close April 27, 4 P. M.
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Cal. Montclair Acres.
Two-story and basement frame and brick residence (shingle roof, gas heating system, hardwood floors, tile baths, etc.)
Owner—Howard L. Brooks, Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Following will submit bids:
S. J. Bertelsen, 30 Estrella Avenue, Piedmont.
Jensen & Pedersen, 3443 Adeline St., Oakland.
A. Frederick Anderson, 3524 Harbor View Ave., Oakland.
C. H. Thrams, 28 Home Place, Piedmont.
W. Vernon Bernard, R. F. D., Box 18-E, Berkeley.

Sub-Bids Being Taken.
RESIDENCES Cost, $10,000 each
SAN FRANCISCO. S Jackson St. E Arguello Blvd.
Three two-story and basement frame and stucco residences (7 rooms, 2 baths each), tile and asbestos shingle roofs, wood sash, hardwood floors, tile roof, gas-fired oil burning heating system, etc.
Owner and Builder—Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Sixteenth Ave. S Lawton Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. No. 2692-94 Sixty-sixth Avenue.
One-story and basement frame and stucco, two-family residence (10 rooms).
Owner—Frank Steffensen, 1300 Webster St., Oakland.
Architect—Not Given.
Contractor—A. Steffensen, 1300 Webster St., Oakland.

To Ask Bids Immediately.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Cal. St. James Wood.
Two-story and basement frame and stucco residence.
Owner—H. E. Jackson, 3106 Magnolia St., Oakland.
Architect—Miller & Warnecke, Financial Bldg., Oakland.

Contract Awarded
RESIDENCE Cost, $6,500
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two-story frame and stucco residence (7 rooms and 2 baths) tile roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Mr. Ferrari.
Architect—E. Musson Sharpe, 111 Sutter St., San Francisco.
Contractor—Leadley and Leadley, 210 Monte Diablo, San Mateo.

To Be Done By Day's Work.
RESIDENCE Cost, $9,500
SAN FRANCISCO. Telegraph Hill.
Three-story frame, stucco and brick residence (6 rooms, 3 baths) shingle tile roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. Musson Sharpe, 111 Sutter Street.

Low Bidder.
RESIDENCE Cost, $6,500
MODESTO, Stanislaus Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths).
Owner—Mr. Sido.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Low Bidder—Robt. Carlson, P. O. Box 71, Modesto.

Low Bidder.
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Calif.
Two-story adobe residence (6 rooms).
Owner—W. C. Crook.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Low Bidder—D. H. Gibbons, 1726 9th St., Modesto. *

Low Bidder.
RESIDENCE Cost, $——
SONORA, Tuolumne Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, steel sash, oil heating system, hardwood floors, tile baths ,etc.
Owner—Mr. Restano.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Low Bidder—Cotner Tomnitz & King, Rt. 4, Box 1209, Modesto. *

Low Bidder.
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Calif.
Two - story and basement frame and stucco residence (7 rooms and 2 baths) shake roof, gas heating system, hardwood floors, tile baths.
Owner—Leslie High.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Low Bidder—M. O. Ward, Rt. 1, Box 541, Modesto. *

Contract Awarded.
RESIDENCE Cont. Price, $10,697
SACRAMENTO, Sacramento Co., Cal. Forty-fourth Street.
Two-story frame and stucco residence (6 rooms, 2 baths) tile roof, steel sash, gas heating system. hardwood floors, tile baths, etc.
Owner—G. M. Hauck.
Architect—Chester Treichel, 606 Cleveland St., Oakland.
Contractor—N. H. Lund, 2549 Sixth Ave., Sacramento.

To Be Done By Day's Work.
RESIDENCES Cost $5000 each
SAN FRANCISCO. N Norlega St. W 17th Avenue.
Eight one-story and basement frame and stucco residences.
Owner and Builder — R. F. Galli, 377 West Portal, San Francisco.
Plans by Owner.

Plans Being Completed.
RESIDENCE Cost, $——
FORT BRAGG, Mendocino Co., Calif.
Two-story and basement frame and stucco residence (7 rooms and 3 baths) built-up composition roofing, oil burning hot air heating system, steel sash, hardwood floors tile baths, etc.
Owner—Lee Wilson.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Bids will be asked shortly.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 2041 Fulton Street.
Owner—H. Morgan, 19 Clayton St., San Francisco.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—E. J. Lehman, 782 Elizabeth St., San Francsico.

Sub-Bids Wanted
RESIDENCE Cost, $——
SAN FRANCISCO. Francisco Heights
One - story and basement frame and stucco residence (five rooms).
Owner—Frank Graves.
Architect—Oscar Thayer, 110 Sutter.
Contractor—Fred K. DuPuy, 110 Sutter Street.
Sub-bids are wanted on all portions of the work.

Contract Awarded.
RESIDENCES Cost, $45,000
SACRAMENTO, Sacramento Co., Cal. NW 18th and H Streets.
Ten unit residential group (3 rooms each).
Owner—Dr. U. C. Billingsley, Hayward.
Architect—Not Given.
Contractor—Frank P. Williams, RFD 5, Box 2250, Sacramento.

Sub-Contracts Awarded.
RESIDENCE Cost, $8000
PALO ALTO, Santa Clara Co., Calif. No. 354 Dan Avenue.
One-story and basement frame and stucco residence.
Owner—Andrew and Mary Aro.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto.
Roofing — Reeder & Mills, Redwood City.
Plumbing — Hansen Plumbing Co., Palo Alto.
Electric Wiring—H. Fendler, Menlo Park.
Heating—Stanford Shee Metal Works, Palo Alto.
Tile Work—R. Bloomquist, Redwood City.
Glass—Acme Glass Co., Palo Alto.
Brick Work—C. Mezzepelli, Palo Alto.
Lathing and Plastering—H. Fultz, Mt. View.
Lumber — Merner Lumber Co., Palo Alto.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and Tenth Sts.. San Francisco.
Painting—J. Laine, Palo Alto.
Concrete—Joe Emma, Palo Alto.
Flooring—Bachlund, Palo Alto.
Reinforcing Steel—Soul Steel Co., 1750 Army St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. Rose St. near LeRoy Avenue.
Two-story frame and rustic residence (terra cotta tile roof, gas heating-system, hardwood floors, tiled baths, etc.)
Owner—Dr. Frank Gray, Berkeley.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—Frank G. Appelbe, 1067 Walker St., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 17th Avenue S Lawton Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger, 320 Judah Street.
Architect—Not Given.

Plans Being Figured—Bids Close Apr. 28th, 4 P. M.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Calif. St. James Wood.
Two - story and basement frame and stucco residence.
Owner—H. E. Jackson, 3106 Magnolia Street, Oakland.
Architect—Miller & Warnecke, Financial Bldg., Oakland. *

Sub-Bids Being Taken.
RESIDENCE Cost, $4000
SAN FRANCISCO. Twenty -eighth Avenue and Ulloa Street.
One-story and basement frame and stucco residence (5 rooms) tile roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner and Builder—N. W. Anderson, 2427 24th Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Pershing Drive.
Two-story and basement frame and stucco residence.
Owner—C. C. Gibson.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—E. S. Campomenosi, 6401 Broadway Terrace, Oakland.

Contract Awarded.
RESIDENCE Cost, $8000
ATHERTON, San Mateo Co., Calif.
One-story frame and stucco residence (6 rooms and 2 baths) Pabco roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg. San Francisco.
Contractor — S. Steinauer, 755 27th Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $8,000
PALO ALTO, Santa Clara Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, wood sash, gas heating system, hardwood floors, tile baths.
Owner—George Barr.
Architect—E. Musson Sharpe, 111 Sutter St., San Francisco.
Contractor—Leadley and Leadley, 210 Monte Diablo, San Mateo.

Contract Awarded
DUPLEX BUNGALOW Cost ,$8,500
SAN MATEO, San Mateo Co., Calif. Lot 10 Block 3, Eighth Avenue.
Two - story and basement frame and stucco duplex bungalow (two 5-room bungalows) shingle roof, gas heating system, etc.
Owner—Walter B. Von Bergman, 208 8th Ave., San Mateo.
Architect—E. Musson Sharpe, 111 Sutter St., San Francisco.
Contractor—California Const. Co., 9317 West Pico Blvd., Los Angeles.

Plans Being Figured
RESIDENCE Cost, $6,500
SAN MATEO, San Mateo Co., Calif. Elm Street.
Two-story frame and stucco residence (7 rooms and 2 baths) tile roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Harry A. Cox.
Architect—E. Musson Sharpe, 111 Sutter St., San Francisco.
Bids are being taken from a selected list of contractors, only.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. N Kirkham St. E Forty-first Avenue.
Three one-story and basement frame and stucco residences.
Owner and Builder—Kenneth Evers, 97 San Pablo Ave., San Francisco
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Plans Being Completed
RESIDENCE Cost, $13,000
BERKELEY, Alameda Co., Cal. Taylor Gardens.
Two - story and basement frame and stucco residence (11 rooms and 3 baths).
Owner—Frederick Wolfe.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in about 1 week.

Preparing Working Drawings
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. North Cragmont.
Two - story brick veneer, frame and rustic residence.
Owner—Edwin L. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $20,000
PALO ALTO, Santa Clara Co., Calif. No. 2200 Cowper Street.
Two-story and basement frame and stucco residence.
Owner — Mrs. Rhoda M. Ames, Palo Alto.
Architect—Birge & David Clark, 310 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $4500
PALO ALTO, Santa Clara Co., Calif. NO. 981 Lincoln Avenue.
One-story frame and stucco residence
Owner — Mrs. S. B. Addison, 1314 Parkinson Ave., Palo Alto.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor—M. C. Ingraham, 5 Gilbert Ave., Palo Alto.

Plans Being Figured — Bids Close May 4, 2 P. M.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma Co., Calif.
One and one-half-story frame and stucco residence (6 rooms) English type, shingle roof, oil burning heating system, wood sash, hardwood floors, etc.
Owner—M. Kingsbury.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans Being Figured—Bids Close Apr. 27th, 8 P. M.
RESIDENCE Cost, $15,000
HAYWARD, Alameda Co., Calif.
Two-story rustic residence (10 rooms, 5 baths) shingle roof, gas heating system, hardwood floors, tile baths wood sash, etc.
Owner—Mr. Struble.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
The following will submit bids:
A. Holyoake, 2839 East Ave., Hayward.
Lawrence Sullivan, 3909 Loma Vista Ave., Oakland.
H. S. Chain, 54 Arlette Ave., Hayward.

To Be Done By Day's Work.
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. E 31st Avenue N Rivera Street.
Four one - story and basement frame and stucco residences.
Owner and Builder—C. T. Lindsay, 140 Duboce Avenue.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. W 17th Avenue N Wawona Street.
Two one - story and basement frame and stucco residences.
Owner and Builder—S. F. Johnson, 2601 17th Avenue.
Architect—Not Given.

To Be Done By Day's Work
COTTAGES Cost, $15,000
SAN FRANCISCO. NE Bayshore and Visitacion.
Group of cottages for auto camp (frame construction).
Owner—Frederick W. Snook, 136 Girard Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $34,000
ORINDA, Contra Costa Co., Calif.
Two-story and basement frame and stucco residence (12 rooms and 4 baths) swimming pool, badminton and tennis courts, etc. (shake roof, General Electric oil burning heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Mr. Johnson.
Architect—F. L. Confer, 3149 Claremont Ave., Berkeley.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.

Plans Being Prepared
RESIDENCES Cost, $5,000 each
REDWOOD CITY, San Mateo Co., Cal.
Three one-story and basement frame and stucco residences (two 5-rm. and one 6-room residences) Monterey type, shake roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6500
SAN JOSE, Santa Clara Co., Calif. No. 1485 Calaveras Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—R. H. Borchers, 396 N-First St., San Jose.
Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.
Contractor—H. Andrade, 981 Harrisan St., Santa Clara.

Contract Awarded.
RESIDENCE Cost, $5855
SAN JOSE, Santa Clara Co., Calif. Marion Tract.
One-story frame and stucco residence
Owner—R. H. Borchers, San Jose.
Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.
Contractor — Henry Andrade, Santa Clara.

Contract Awarded.
RESIDENCE Cost, $3800
SANTA CLARA, Calif. Bray Estate.
One-story frame and stucco residence.
Owner—Dorothy L. Arlington.
Architect — Bruce Barnard, Porter Bldg., San Jose.
Contractor — Alfred D. Arlington, Santa Clara.

Contract Awarded.
RESIDENCE Cost, $2750
WILLOW GLEN. Santa Clara Co., Calif. Lincoln Manor.
One-story frame and stucco residence.
Owner—Vivian K. Dingley.
Architect—Not Given.
Contractor—Sherrill Fleming, Florence Ave., San Jose.

Contract Awarded
RESIDENCE Cost, $3,250
WILLOW GLEN, Santa Clara Co., Calif. Lincoln Manor.
One-story frame and stucco residence
Owner—W. K. Barnes.
Architect—Not Given.
Contractor — Sherrill Fleming, Florence Ave., San Jose.

Sub-Bids Being Taken.
RESIDENCES Cost $6,000 each
OAKLAND, Alameda Co., Cal. Highland Manor.
Two two-story and basement frame, brick and stucco residences (six rooms and 2 baths each) shake roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner & Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $5500
SAN FRANCISCO. W Twenty-sixth Ave. near Sloat Blvd.
One-story and basement frame and stucco residence (5 rooms); tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—James McCabe, 716 Ulloa St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $12,000
SAN FRANCISCO. Germain Ave. W Twin Peaks Blvd.
Two-story frame and stucco residence
Owner—L. H. Nishkian.
Engineer—L. H. Nishkian, 525 Market Street.
Contractor—J. H. Hjul, 128 Russ St.
Concrete—Readymix Conc. Co., 1280 Indiana Street.
Reinforcing Steel—W. C. Hauck & Co. 280 San Bruno Avenue.

Contract Awarded.
ALTERATIONS Cost, $7931
HILLSBOROUGH, San Mateo Co., Cal. Santa Nuez & Black Mountain Streets.
Alterations and additions to residence.
Owner—Andrieus Jones.
Architect—Hervey P. Clark, 210 Post St., San Francisco.
Contractor—G. H. Meese, 1401 Floribunda Ave., Burlingame.

Bid Opening Date Postponed Until May 4th, 4 P. M.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Calif. St. James Wood.
Two - story and basement frame and stucco residence.
Owner—H. E. Jackson, 3106 Magnolia Street, Oakland.
Architect—Miller & Warnecke, Financial Bldg., Oakland.
Following will submit bids:
Jensen & Pedersen, 3443 Adeline St. Oakland.
S. J. Bertelsen, 30 Estrella Avenue, Piedmont.
David Nordstrom, 4150 Emerald St. Oakland.
C. H. Thram, 28 Home Place, Piedmont.
Earl Walstrom, 1447 Excelsior Ave., Oakland.
A. Frederick Anderson, 3524 Harbor View Ave., Oakland.

Sub-Contracts Awarded
RESIDENCE Cost, $6,000
SAN MATEO, San Mateo Co., Calif. Lot 17 Block 4, 16th Avenue.
One - story and basement frame and stucco residence.
Owner and Builder—E. S. Shaver, 2600 Easton, San Mateo.
Architect—Not Given.
Plumbing—A. H. Dittmann, Burlingame.
Brick Work—M. J. Lalor, Burlingame
Lumber — Wisnom Lbr. Co., Burlingame.
Wood Sash—Nelson & Shirkey, Burlingame.
Hardware—Wisnom Lbr. Co., Burlingame.
Painting—A. Sorensen, Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $8500
BERKELEY. Alameda Co., Cal. No. 430 Vassar Street.
Two-story frame and stucco residence (7 rooms).
Owner and Builder—Milton S. Bonds, 583 Spruce St., Berkeley.

Plans Completed.
RESIDENCE Cost, $10,000
SAN FRANCISCO. Maywood Street.
Two-story and basement frame and stucco residence (7 rooms and 3 baths) composition roofing, gas heating system,wood sash, hardwood floors, tile baths, etc.
Owner—H. Seamen.
Architect—Conrad Kett, 519 California St., San Francisco.
Contractor — Paul Wolter, 72 Fernwood Drive, San Francisco.
Construction will start shortly.

Sub-Contracts Awarded
RESIDENCE Cost, $5,500
SAN FRANCISCO. W Aptos S Upland Drive.
One - story and basement frame and stucco residence.
Owner—Lucille Campbell.
Architect—Not Given.
Contractor—Henry Erickson, 972 Chenery Street.
Roofing—Empire Roofing Co., 261 Silver Avenue.
Plumbing—George Rehn, 1919 Mission Street.
Electric Wiring—Strom & Smith, 1077 Valencia Street.
Heating & Sheet Metal—Portal Sheet Metal Co., 301 West Portal Ave.
Tile Work—George Nelson.
Glass—W. P. Fuller & Co., 301 Mission Street.
Lumber—Loop Lumber Company.
Hardwae—S. Mariani and Sons, 3364 Mission St.
Painting—Martin & Shapiro.
Flooring—Eastern Floor Co., 21 Rice St., Daly City.
Concrete—J. O'Connor, 1367 25th Ave.

Contract Awarded.
RESIDENCE Cost, $3200
RICHMOND, Contra Costa Co., Calif. Mira Vista Tract.
One-story and basement frame and stucco residence (5 rooms) tile & composition roofing, floor furnace, hardwood floors, wood sash, etc.
Owner—Mr. Shea.
Architect—Jas. Narbett, 462 31st St., Richmond.
Contractor—C. L. Theis, 1937 Garvin Ave., Richmond.

Plans Being Completed.
RESIDENCE Cost, $7500
SAN MATEO, San Mateo Co., Calif.
Two-story frame and stucco residence (7 rooms and 3 baths) shake roof gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Sub-bids will be taken shortly.

April 23, 1936
Sub-Bids Wanted.
ALTERATIONS Cost, $4000
SAN FRANCISCO. Marina District.
Alterations and additions to residence (add one story, new plumbing work, electrical, etc.)
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—James McCabe, 716 Ulloa St., San Francisco.

Contract Awarded
RESIDENCE Cost, $6,000
SACRAMENTO, Sacramento Co., Cal. 1166 Fourth Avenue.
Two-story frame and stucco residence
Owner—H. M. Isenhouser.
Architect—Not Given.
Contractor—N. H. Lund, 2241 Ninth Ave., Sacramento.

Contract Awarded
RESIDENCE Cost, $6,000
SAN MATEO, San Mateo Co., Calif. Lot 8 Block 4, 15th Avenue.
One - story and basement frame and stucco residence.
Owner—L. Lerner.
Architect—Not Given.
Contractor—L. J. Roberts, 121-A Carl St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $6500
SAN MATEO, San Mateo Co., Calif. Lot 4 Blk 4, Delmar Way.
Two-story frame and stucco residence
Owner and Builder—San Mateo Investment Co., 2562 So. El Camino, San Mateo.
Architect—Not Given.

Bids Opened
SHOPS Cost, $——
SAN FRANCISCO. Fillmore St. bet. Bay anad Chestnut Streets.
Machine shops at the Marina Junior High School.
Owner—City and County of San Francisco.
Architects—George Kelham, 315 Montgomery St. and W. P. Day, Financial Center Bldg.
Low bids follow:
General Work—O. Monson, 475 Sixth Street, $187,330.
Mechanical & Plumbing—F. W. Snook 596 Clay St., $23,193.
Electric—United Electric Co., 1190 Bryant St., $8,317.
Complete bids follow:

General Work

O. Monson	$187,330
Meyer Construction Co.	195,190
MacDonald & Kahn	205,777
K. E. Parker Co.	213,600

Mechanical Work

Fred W. Snook	$23,193
Alta Elec. & Mechanical Co.	23,195
Herman Lawson	23,980

Electric

United Electric Co.	$8,317
G. H. Armstrong	8,472
Radelfinger Brothers	8,591
Spencer Electric Co.	9,189
Victor Lemoge	9,340
Abbett Electric Co.	9,364
H. S. Tittle	9,750

Bids held under advisement.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. N Romain St. E Corbett Avenue.
Two one-story and basement frame and stucco reidences.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Plans by Owner.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. NE Cragmont and Oriole.
Two - story and basement frame and stucco residence.
Owner—C. Seidler, 2311 California St.
Architect—F. W. Dakin, 625 Market.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN FRANCISCO. NW Melba and Eucalyptus Streets.
One-story and basement frame and stucco residence.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given.

15— SCHOOLS

CONTRACT AWARDED
LOS ANGELES, Cal.—Harvey A. Nichols, 936 E. Slauson Ave., awarded contract by Los Angeles Board of Education at $68,989, for reconstruction, rehabilitation and strengthening of the 1926 portion of the main building at Ninety-seventh Street School, 400 West 97th St.. Paul C. Pape, 2153 N. Highland Ave., architect, and David H. Miller, 480 I. W. Hellman Bldg., structural engineer.

CONTRACT AWARDED
LOS ANGELES, Cal. — Richards-Neustadt Constr. Co., 5500 So. Boyle Ave., awarded contract by Los Angeles Board of Education at $54,588 for reconstruction, rehabilitation and strengthening of the 1922 portion of the main brick building at Gardner St. School. 1542 Gardner St. Erle Webster and Adrian Wilson, 606 Architects Bldg., architects, and Harold A. Nelson, 312 Associated Realty Bldg., structural engineer.

CONTRACT AWARDED
LOS ANGELES, Cal. — Patterson Bros., Builders' Exchange Bldg., Oakland, awarded contract by Los Angeles Board of Education at $2073, for painting and miscellaneous work on the science building at Benjamin Franklin High School, 820 N. Avenue 54.

CONTRACT AWARDED
LOS ANGELES, Cal.—Jack Ewins, 10,385 Almayo Ave., awarded contract at $3180 by Los Angeles Board of Education for painting and miscellaneous work on the shop, administration and home economics buildings at the Gardena High School, Normandle Ave. and Gardena Blvd. N. S. Nibecker, Jr., Architect.

CONTRACT AWARDED
LOS ANGELES, Cal.—Jack Ewins, 10,385 Almayo Ave., awarded contract by Los Angeles Board of Education at $1175 for painting and miscellaneous work on the library building at Hollywood High School, 1521 N. Highland Ave. A. S. Nibecker Jr., Architect.

CONTRACT AWARDED
LOS ANGELES, Cal.—Jack Ewins, 10,385 Almayo Ave., awarded contract by Los Angeles Board of Education at $1365, for painting and miscellaneous work on the main and shop buildings at John Burroughs Junior High School, 600 S. McCadden Place. A. S. Nibecker Jr., Architect.

CONTRACT AWARDED
LOS ANGELES, Cal. — Hoelzel - Ehmig Co., 1788 W. 24th St., Los Angeles, awarded contract by Los Angeles Board of Education at $1498, for painting and miscellaneous work on the south and north buildings at The Palms School, 3520 Motor Avenue, Palms Station. A. S. Nibecker Jr., Architect.

CONTRACT AWARDED
LOS ANGELES, Cal.—D. Zelinsky & Son, 1438 East 18th St., awarded contract by Los Angeles Board of Education at $9236, for painting and miscellaneous work on the administration building at South Gate High School, 3551 Firestone Blvd.

BIDS WANTED
LONG BEACH, Cal.—Until May 1, 4 P. M., bids will be received by Long Beach board of education for the construction of the Lafayette school bldg. Plans and specifications may be obtained from the business manager of the board, 715 Locust Ave., Long Beach, upon deposit of $25. A. L. Ferver, 132 W. Ocean Avenue, Long Beach, structural engineer; and Cecil Schilling, 145 Linden Avenue, Long Beach, architect. Cost, $75,000.

Preparing Working Drawings.
ALTERATIONS Cost, $35,000
MILL VALLEY, Marin Co., Calif.
Alterations and additions to Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)
Owner—Mill Valley School District.
Architect—Walter Falch, Hearst Bldg. San Francisco.
Bids will be asked in about thirty days.

NEW BIDS WANTED
SO. PASADENA, Cal.—Until April 27, 8 A. M., new bids will be received by the South Pasadena High School District for the reconstruction, rehabilitation and strengthening of the auditorium building at South Pasadena high school, corner of Diamond and

Rollins Sts., South Pasadena, a PWA project. Cost, $62,750. Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, architects.

LOW BIDDER

LOS ANGELES, Calif.—Richards-Neustadt Constr. Co., 5500 So. Boyle Ave., submitted low bid to Los Angeles Board of Education at $54,538 for reconstruction, rehabilitation and strengthening of the 1322 portion of the main brick building at Gardner Street School, 1542 Gardner So. Erle Webster and Adrian Wilson, 606 Architects' Bldg., Architects, and H. A. Nelson, 312 Associated Realty Bldg., Structural Engineer.

LOW BIDDER

LONG BEACH, Cal.—Duff & Vandenhoogen, 733 W 14th Street, Long Beach, submitted low bid to Los Angeles board of education at $181,770 on item (1) for general contract, including painting, but excluding the plumbing, heating and ventilating and electrical work, for a new administration building and home economics building to be built at Virgil junior high school, 152 N. Vermont Avenue. Cost, $175,000. Sumner P. Hunt, 701 Laughlin Bldg., architect; Wm. Mellema, 1661½ Beverly Blvd., structural engineer; E. L. Ellingwood, H. W. Hellman Bldg., mechanical engineer.

Sub-Contracts Awarded.

SCHOOL Cont. Price, $27,370
TRUCKEE, Nevada Co., Calif.
On-story frame and stucco elementary school (3 classrooms and auditorium).
Owner—Truckee School District.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—H. L. Petersen, 731 Treat Ave., San Francisco.
Lumber—Truckee-Tahoe Lumber Co., Truckee.
Electric — N. C. Nicklassen, 51-A Downey St., San Francisco.
Plumbing and Heating—T. R. Smith, 1483 Palou St., San Francisco.
Reinforcing Steel — Concrete Engineering Co., 1280 Indiana St., San Francisco.
Blackboards—Fred Turner, 557 Market St., San Francisco.
Other awards will be made shortly.

LOW BIDDER

LOS ANGELES, Calif. — Hoelzel-Ehmig Co., 1788 West 24th St., submitted low bid to Los Angeles Board of Education at $114 for painting the drafting room bungalow at John C. Fremont High School, 7676 S. San Pedro St.

Plans Being Completed

COLLEGE BLDG. Cost, $40,000
SANTA ROSA, Sonoma Co., Calif.
Santa Rosa Junior College Campus
One-story Class B frame and brick veneer domestic science and commercial building (fourth unit) flat tile roof.
Owner—Santa Rosa Junior College District (Floyd Bailey, President) Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Bids wil be asked in about 3 weeks.

Plans Being Completed.

SCHOOL Cost, $—
SAN FRANCISCO. Franklin St. and Broadway.
Three-story reinforced concrete parochial school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—H. A. Minton, 525 Market St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Bids will be asked in about 1 week

Bids Opened

HIGH SCHOOL Cost, $110,000
CARSON CITY, Nevada.
High school and gymnasium bldg.
Owner—Carson City High School Dist.
Architect—Not Given.
Low Bidder—J. C. Dillard, Reno.
Complete bids follow:
(1) Gymnasium; (2) High School.

J. C. Dillard, Reno	(1)	$ 94,777
	(2)	117,000
A. M. Larson, Carson City	(1)	$ 96,700
	(2)	109,850
W. M. Kennedy, Reno	(1)	$103,739
	(2)	117,329

Bids held under advisement.

Bids Opened

ACADEMIC WING Cost, $65,000
TULARE, Tulare Co., Calif.
One-story concrete & wood academic wing.
Owner—Tulare High School Dist. (W. G. Knokey, Supt. of Schools).
Architect—W. D. Coates, Rowell Bldg. Fresno.
Complete bids follow:

General Work

R. P. Moore, 3662 Verrue Ave., Fresno	$54,200
L. C. Dunn, San Francisco	59,562
Midstate Const. Co., Fresno	60,433
George Swanstrom, Oakland	66,825

Electric

American Electric Co., 462 Bryant St., San Francisco	$5,266
Allan Ochs, Fresno	5,393
Electric Const. Co., Fresno	5,817
Robinson Electric Co., Fresno	6,156

Mechanical

P. E. Pettijohn Co., DelanoJ	$6,250
Scott Co., San Francisco	7,377
Frank Hudson, Fresno	7,428
B. A. Newman, Fresno	7,550

Bids held under advisement.

BIDS WANTED—To Close May 4, 8 P. M.

MUSIC BLDG. Cost, $35,000
SANTA ROSA, Sonoma Co., Calif.
Reinforced concrete music building at high school.
Owner—Santa Rosa Un. High School District.
Architect—W. H. Weeks, 593 Market St., San Francisco.
Bids are being taken as follows:
(1) General work excluding work mentioned in following segregation.
(2) General work including work mentioned in following segregation.
(3) Plastering.
(4) Painting.
(5) Linoleum and window shades.
(6) Hardware.
(7) Roofing.
(8) Brickwork.
(9) Plumbing, heating and sheet metal.
(10) Electrical work.
Plans and specifications may be obtained from the architect and from Jerome O. Cross, City Supt. of Schools upon deposit of $20.

Plans Being Prepared—Bond Election

ADDITIONS Cost, $19,500
WATSONVILLE, Santa Cruz Co., Cal.
One-story frame and stucco addition to Roache School (5 classrooms) plaster interior partitions, composition shingle roofing, Oregon pine flooring, hot air heating system, gas furnace, etc.
Owner—Roache School District.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
An election will be held May 16, on a proposal to issue bonds in the amount of $19,500, proceeds to finance above work.

CONTRACT AWARDED

LOS ANGELES, Cal.—Jack Ewins, 10,385 Almayo Ave., awarded contract by Los Angeles board of education at $725 for painting and miscellaneous work on the men's physical education building at Los Angeles junior college, 825 N Vermont Ave. A. S. Nibecker, Jr., architect.

Plans Awaiting Approval.

TOILET BUILDING Cost, $4000
PAJARO, Monterey Co., Calif.
One-story frame toilet building at grammar school.
Owner—Pajaro Grammar School Dist.
Architect—Chas. Butner, 51 Maple St Salinas.
Plans have been forwarded to State Division of Architecture, Sacramento, for approval.

CONTRACT AWARDED

LOS ANGELES, Calif.—Hoelzel-Ehmig Co., 1783 W 24th St., awarded contract at $114 by Los Angeles board of education for painting the drafting room bungalow at John C. Fremont high school, 7676 S San Pedro St. A. S. Nibecker, Jr., architect.

Bids Wanted—To Close May 7, 2 P.M.

ADDITION Cost, $103,680
BAKERSFIELD, Kern Co., Calif.
Two-story reinforced concrete extension to library (plaster acoustic exterior finish, metal lath, and plaster interior partitions, concrete floors, steam heating system, Crane Company or equal plumbing goods, seasoned birch interior finish, tile roofing, etc.)
Owner—Kern Co. Union High School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Bids will be opened at 7:30 P. M.
Plans and specifications may be obtained from the architect.

CONTRACT AWARDED

LONG BEACH, Cal.—Duff & Vandenhoogen, 733 W 14th St., Long Beach, awarded contract by Los Angeles board of education at $181,777 on item (1) for general contract, including painting but excluding plumbing, heating and ventilating and electrical work for a new administration building and home economics building to be built at the Virgil junior high school, 152 N Vermont Ave. Sumner P. Hunt, 701 Laughlin Bldg., architect; Wm. Mellema, 1661½ Beverly Blvd., structural engineer; E. L. Ellingwood, H. W. Hellman Bldg., mechanical engineer.

Plans Being Prepared

SCHOOL Cost, $18,000
SALINAS, Monterey Co., Calif. East of Salinas.
One-story frame and stucco elementary school (4 classrooms) flat roof.
Owner—Salinas Elementary School District.
Architect—Chas. Butner, 630 Pajaro St., Salinas.
Plans will be forwarded to the State Division of Architecture, Sacramento, for approval in about ten days.

CONTRACT AWARDED

LOS ANGELES, Cal.—Harry Wasserman, 424 N Crescent Heights Blvd. awarded contract by Los Angeles board of education at $6337, for painting and miscellaneous work on the main building (less 1931 addition) and annex building at 75th St. school, 142 West 75th St.

CONTRACT AWARDED

LOS ANGELES, Calif.—Hoelzel-Ehmig Co., 1788 West 24th St., awarded contract by Los Angeles board of education at $713 for painting and miscellaneous work on the north and south buildings at Florence Avenue school, 1904 E Florence Ave.

CONTRACT AWARDED

HUNTINGTON PARK, Los Angeles Co., Cal.—D. Zelinsky & Son, 1438 E 18th St., Los Angeles, awarded contract by Los Angeles board of education at $1632 for painting and miscellaneous work on the main, north and south buildings at Miles Avenue school, 6720 Miles Ave., Huntington Park.

BIDS WANTED

BALDWIN PARK, Los Angeles Co., Cal.—Until May 11, 7:30 P. M., new bids will be received by Baldwin Park School District for construction of an auditorium building on the Central School site in Baldwin Park, a PWA project. Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, architect. Cost, $45,000.

Contract Awarded

HIGH SCHOOL Cont. Price, $102,850
CARSON CITY, Nevada.
High school and gymnasium bldg.
Owner—Carson City High School Dist.
Architect—Not Given.
Contractor—A. M. Larson, Carson City

Contract Awarded.

ACADEMIC WING Cont. Price, $54,200
TULARE, Tulare Co., Calif.
One-story concrete & wood academic wing.
Owner—Tulare High School Dist. (W. G. Knokey, Supt. of Schools).
Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor—R. P. Moore, 3662 Verrue Ave., Fresno.
Electric — American Electric Constr. Co., 462 Bryant St., San Francisco at $5266.
Mechanical—P. E. Pettijohn Co., Delano, at $6250.
Complete bids published Aprill 20.

CONTRACT AWARDED

LOS ANGELES, Cal.—Theodore A. Beyer Corp., 533 Chamber of Commerce Bldg., awarded contract by Los Angeles board of education at $55,987 under Proposal No. 1, which was for general contract work, including the painting, but excluding plumbing and electrical work, for a new boys' and girls' physical education building at Mount Vernon junior high school, 4066 West 117h St. John C. Austin and F. M. Ashley, architects; G. H. Schulte, 608 Chamber of Commerce Building, structural engineer; O. W. Ott, Washington Bldg., mechanical engineer.

Plans Approved.

SCHOOL Cost, $9000
ALAMEDA CO., Calif., Stonybrook Canyon.
One-story frame and stucco school building, (tile roof, etc.)
Owner—Stonybrook School District.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Plans have been approved by the State Division of Architecture, Sacramento, and material bids will be asked shortly by the WPA.

CONTRACTS AWARDED

LOS ANGELES, Cal.—P J. Walker Co., 3900 Whiteside Ave., Los Angeles, awarded contract by Regents of the University of California at $188,-010, for construction of a two-story administration building at the University of California at Los Angeles, Westwood. Moore Electric Co., 321 W 3rd St., Los Angeles, awarded contract for electric work at $29,736. Bids on the plumbing work on which Lohman Bros. was the low bidder, are being held under advisement until a later date. The bids for heating and ventilating work were all rejected and will be re-advertised later under revised specifications. Both contracts were awarded on a basis of the main building work only with the proposed bus station omitted. The administration building will be of reinforced concrete construction, 175x75 feet in area; shingle tile roofing, brick facing, stel sash, structural and reinforcing steel, tile, cement, hardwood and linoleum floors, steam heating system, toilets, marble work, etc. Allison and Allison, 1014 Edison Bldg., Los Angeles, architects, and Hunter & Hudson, 41 Sutter St., San Francisco, mechanical engineers.

Project Approved.

SCHOOL Cost, $9,000
CRESCENT CITY, Del Norte Co., Cal.
One - story school building (log construction; two classrooms and library).
Owner—Gasquet School District.
Architect—Norman Coulter, 46 Kearny St., San Francisco.
Project has been approved by the WPA.

Contract Awarded

ALTERATIONS Cost, $3,000
PALO ALTO, Santa Clara Co., Calif. 437 Emerson Street.
Alterations to store building.
Owner—Palo Alto Tobacco Co., 546 Ramona St., Palo Alto.
Architect—Not Given.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Ornamental and Miscellaneous Iron Contract Awarded.

SCHOOL Cont. Price, $27,370
TRUCKEE, Nevada Co., Calif.
One-story frame and stucco elementary school (3 classrooms and auditorium).
Owner—Truckee School District.
Architect—Masten & Hurd, 233 Post St., San Francisoo.
Contractor—H. L. Petersen, 731 Treat Ave., San Francisco.
Ornamental and Miscellaneous Iron—Patterson & Koster Iron Works., 280 13th St., San Francisco.
Other awards reported April 17.

Planned

AUDITORIUM Cost, $——
RIPON, San Joaquin Co., Calif.
Auditorium for high school.
Owner—Ripon Union High School District (A. C. Van den Akker and J. R. Williams, trustees of the district).
Architect—Not Selected.

16—BANKS, STORES AND OFFICES

Contract Awarded.

ALTERATIONS Cost, $26,375
FRESNO, Fresno Co., Cal. No. 1111 Fulton Street.
Alterations to building.
Owner—Helm Estate.
Architect—Not Given.
Contractor—Fisher & McNulty, 1226 Fulton St., San Francisco.

Contract Awarded.

ADDITION Cost, $4000
SANTA CRUZ, Santa Cruz Co., Calif. Vine Street.
One-story reinforced concrete store (32x105 ft.)
Owner—Harry Ledyard, Santa Cruz.
Architect—Not Given.
Contractor—Kenyon Bros., Santa Cruz

Contract Awarded.

ALTERATIONS Cost, $1355
OAKLAND, Alameda Co., Cal. No. 1470 Fruitvale Avenue.
Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — W. G. Thornally, 2059 Webster St., Oakland.

Contract Awarded

STORE Cost, $8000
SAN RAFAEL, Marin Co., Cal. S Fourth St., bet. D and E Sts.
Two-story reinforced concrete store building (30x83 feet).
Owner—Anton Christenson (San Rafael Mill & Lumber Co.), San Rafael.
Architect—Not Given.
Contractor—Joe Linggi, San Rafael.

Contract Awarded

ALTERATIONS Cost, $15,000
SAN FRANCISCO, 746 Brannan St.
Alterations to building for manufacturing plant and offices.
Owner—Bothin Realty Co., 604 Mission Street.
Architect—Angus McSweeney, 604 Mission Street.
Lessee—H. D. Lee Mercantile Company, 718 Mission Street.
Contractor—F. R. Siegrist, 604 Mission Street.

Plans Being Prepared

STORE Cost, $——
SACRAMENTO, Sacramento Co., Cal.
One-story and basement Class C concrete store (wood interior, concrete & brick exterior walls, etc.)
Owner—Capital Company, 625 Market St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

SUB-BIDS WANTED

COLUSA, Calif.—Moore & Roberts, 693 Mission St., San Francisco, desire sub-bids on all portions of the work for the construction of a new bank building in Colusa for the Capital Co., for which bids wil be opened April 28, 12 noon.
Plans prepared by Construction Department of Owner.

Additional Sub-Contrats Awarded

OFFICE BLDG. Cont. Price, $345,983
SACRAMENTO, Sacramento Co., Cal. N Street, bet. 11th and 12th Sts.
Four - story reinforced concrete office building to house motor vehicle department offices) steam heating system, air conditioning, steel sash one freight elevator, three passenger elevators and two electric dumbwaiters).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco, $345,983.
Marble—American Marble Co., South San Francisco.
Painting—D. Zelinsky, 165 Grove St., San Francisco.
Roofing—Allyn L. Burr Co., 2714 28th St., Sacramento.
Other awards reported March 27.

Contract Awarded

STORES Cont. Price, $24,088
MARYSVILLE, Yuba Co., Cal. Third and D Streets.
Two-story brick store (3 stores).
Owner—Cheim Estate, Marysville.
Architect — Hyman and Appleton, 68 Post St., San Francisco.
Contractor—C. A. Otto, 823 12th St., Marysville.

PLANS BEING FIGURED

WEST LOS ANGELES, Cal.—20th Century-Fox Film Corp. is taking bids from a selected list of contractors for a new administration building to be built at 10,260 Orton Ave., West Los Angeles. The building will be a three-story, Class D, U-shaped structure, 420x50 feet in area with two projections to be 48x52 feet in area.

rame and stucco construction, wood floors, plumbing, composition roofing, wood roof trusses, steel sash, etc. Plans were prepared by Engineer J. A. Barlow, 10,260 Orton Ave., West Los Angeles.

Contracts Awarded
ALTERATIONS Cost, $25,000
OAKLAND, Alameda Co., Cal. Broadway near Thirteenth Street.
Alterations for restaurant, cocktail lounge and bar.
Owner—Tiny's Waffle Shop.
Architect—A. R. Williams, Humboldt Bank Bldg., San Francisco.
Plumbing—Scott Co., 113 Tenth St., Oakland.
Electric—Spott Electric Co., 569 19th St., Oakland.
As previously reported, fixtures contract awarded to Mullen Mfg. Co., 60 Rausch St., San Francisco.

Plans Being Prepared.
STORE Cost, $——
SAN FRANCISCO. Post and Stockton Streets.
New store building at Plaze Hotel.
Owner—Allied Properties Company.
Architect—Albert Roller, Crocker 1st National Bank Bldg., S. F.
Lessee—J. Salzman, Furrier.

Sub-Contracts Awarded
ALTERATIONS Cost, $20,000
SAN FRANCISCO. Market St. near First St.
Alterations to ground floor of building (work involves glass, marble, stairs, plumbing, electric, heatng, etc.)
Owner—Underwood Building.
Architect—F. Eugene Barton, Crocker Building.
Contractor—Dinwiddie Const. Co., Crocker Bldg.
Glass—Habenicht & Howlett, 529 Clay.
Marble—Vermont Marble Co., 525 Market Street.
Stairs—E. D. Philbrick, 41 Sheridan.
Plumbing and Heating—J. H. Pinkerton, 927 Howard St.
Electric—Victor Lemoge, 281 Natoma.

Contract Awarded
STORE Cost, $10,000
OAKLAND, Alameda Co., Calif. 3246 Lakeshore Avenue.
One-story reinforced concrete store.
Owner—Henry Schwartz.
Architect—E. T. Foulkes, 357 12th St. Oakland.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.

Plans Being Completed.
MEDICAL-DENTAL BLDG. Cost, $20,000
MERCED, Merced Co., Cal. Nineteenth and M Streets.
One-story frame and stucco medico-dental building (5 doctors' suites) (California style of architecture).
Owner—Dr. Chester A. Moyle, Merced.
Architect—Chas. Butner, 51 Maple St. Salinas.
Bids will be asked in about ten days

BID OPENING DATE POSTPONED
SAN FRANCISCO, Calif. — Public Utilities Commission, has postponed the date of opening bids (scheduled to be opened April 29, 3 p.m.), for the construction of a new administration building at the San Francisco Airport: Airport Contract No. 38. Building will be a reinforced concrete structural walls, metal lath and plaster partitions on metal studs, tile roof and will have a timber frame kitchen wing on northerly side.
Minor changes are to be made in the specifications and a new date will be set in about ten days.

17— THEATRES

Plans Being Figured—Bids Close May 1st.
REBUILD THEATRE Cost, $——
MODESTO, Stanislaus Co., Calif.
Rebuild theatre (recently destroyed by fire).
Owner—Modesto Theatre (W. R. Mensinger, % American Lbr. Co., 9th St., Modesto).
Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.
Bids are being taken from a selected list of contractors, as follows:
General Construction;
Project Booth Equipment;
Painting and Decorating;
Heating and Ventilating;
Electric Wiring.
Plans are on file at the San Francisco Builders' Exchange, 666 Mission St.; Oakland Builders' Exchange, 354 Hobart Street; American Lumber Co., Modesto, and in the office of the architect (Humboldt 1875).

April 17, 1936
Plans Being Completed.
THEATRE Cost, $70,000
SAN FRANCISCO. Chestnut Street near Scott Street.
One-story steel and concrete theatre (to seat 900); modern style.
Owner—Sbarboro & Detjen.
Architect — John Ahnden, 822 39th Ave., San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Bids will be asked in about thirty days.
(9089) 1st report Mar. 6; 2nd Mar. 16, 1936. 17

Plans Being Figured—Bids Close May 1st.
REBUILD THEATRE Cost, $——
MODESTO, Stanislaus Co., Calif.
Rebuild theatre (recently destroyed by fire).
Owner—Modesto Theatre (W. R. Messinger, McHenry St., Modesto).
Architect—Russell G. deLappe, 5905 Keith Street, Berkeley.
Bids are being taken from a selected list of contractors, as follows:
General Construction;
Project Booth Equipment;
Painting and Decorating;
Heating and Ventilating.
Electric Wiring.
Plans are on file at the San Francisco Builders' Exchange, 666 Mission St.; Oakland Builders' Exchange, 354 Hobart St.; American Lumber Co., Modesto, and in the office of the architect (Humboldt 1875).

Plans Being Figured
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. K St. between Fifth and Sixth.
Alterations to Capital Theatre (work involves decorating, new wiring, plastering, hot air heating system, air conditioning system, etc.)
Owner—T. & D. Theatres and Fox West Coast Theatres, 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

18— WHARVES & DOCKS

Contract Awarded
BULKHEAD WALL Contract Price, $10,776
OAKLAND, Alameda Co., Calif. Outer Harbor, west end of quay wall and inner end of oil pier.
Steel sheet pile bulkhead wall.
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner
Contractor—Duncanson-Harrelson Co.

deYoung Bldg., San Francisco.
Complete bids published April 14.

19—MISC. CONSTRUCTION

PLANNED
CORONA, Riverside Co., Cal.—Architect H. L. Gilman, 560 S Main St., Los Angeles, has completed sketches for a new railway station to be built east of Main St., at the foot of Ramona Ave., Corona, for the Santa Fe Railroad. The building will be of Spanish type architecture, 76x191-ft. in area and will contain waiting room, canopy entrance, work room, offices, conductors' room, baggage space, etc. The building will have stucco exterior, tile roofing, etc. General contract bids will be taken in about 90 days.

Planned.
SWIMMING POOL Cost, $——
BAKERSFIELD, Kern Co., Calif.
New swimming pool.
Owner—City of Bakersfield.
Architect—E. J. Symmes, Haberfelde Bldg., Bakersfield.
A bond election will probably be called to finance the project.

AWARD RECOMMENDED
STOCKTON, San Joaquin Co., Cal. —Stockton City Council recommended that contract be awarded to the Hild Electric Co., 125 W. Main Street, Stockton, at $3172.40 for furnishing and installing public address system in the Stockton City Hall.

Contract Awarded
HOPPER Cist, $——
HAMILTON CITY, Glenn Co., Calif.
Wet track hopper (reinforced concrete structural steel, timber framing)
Owner—Holly Sugar Corporation.
Plans by Engineering Dept. of Owner.
Contractor—Villadsen Bros., 354 Hobart St., Oakland.

CONTRACT AWARDED
GRAND CANYON, Ariz.—Wm. P. Neil Co., Ltd., 4671 E. 49th St., Los Angeles, awarded contract for men's dormitory and recreation building to be built at Grand Canyon, Ariz., for the Santa Fe Railway Co. The dormitory for the use of El Tovar and Bright Angel hotel employees will be a two-story structure containing 50 rooms. The recreation building will be for the use of hotel guests. Plans were prepared by the owner's architectural department, Kerckhoff Bldg., Los Angeles.

NOTICE OF SALE
STOCKTON, San Joaquin Co., Cal. —Until April 29, 3 P. M., bids will be received by R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for the sale of the following:
(1) Real property consisting of 1.1 acres, more or less, known as Cathay Maintenance Station, located in Section 13, Twp. 6 South, Range 17 East, M. D. B. and M., in Mariposa County on old State Highway to Yosemite, approximately 20 miles east of city of Merced, together with existing improvements as follows:
(a) 28x32-ft. frame cottage, 4 rooms, screened bedroom, screened porch, bath—completely plumbed.
(b) 9x9-ft. pump house, galv. iron, with equipment.
(c) 9x9-ft. oil house and 280-gallon capacity underground tank with hand pump.
(d) 9x9-ft. tank house and 200-gal. G. I. enclosed tank.
(e) 23x35-ft. blacksmith shop, frame.
(f) Pipe line, fences, etc.
(2) 30x66-ft. corrugated iron bunkhouse and truck shed.

CONTRACT AWARDED

OAKLAND, Calif.—Moore Drydock Co., foot of Adeline St., Oakland, at $2,396 awarded contract by the City of Oakland Port Commission for drydocking, painting and repairing of 20-inch suction dredge at Oakland.

DANCE HALL Cost, $25,000
CAPITOLA, Santa Cruz Co., Calif. Bay Ave. on the Esplanade.
New dance hall (100x200 feet).
Owner—Everett Veterle et al, Capitola
Architect—Not Given.
Further details will be announced shortly.

Plastering Contract Awarded

MAUSOLEUM Cost, $81,666
OAKLAND, Alameda Co., Calif. End of Piedmont Avenue.
Interior finishing of mausoleum (marble, bronze and glass work, etc.)
Owner—Mountain View Cemetery Association, Oakland.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor—Dinwiddie Const. Co., Crocker Bldg., San Francisco.
Plastering—Wm. Makin, 2141 Livingston, Oakland.
Other awards reported April 10.

Preparing Working Drawings

TOLL PLAZA Cost, $300,000
SAN FRANCISCO. Golden Gate bridge Toll Plaza (16 toll houses, administration building and services, probably concrete construction).
Owner—Golden Gate Bridge Co., 111 Sutter Street (J. B. Strauss, Chief Engineer).
Engineer—Jos. B. Strauss, Chief Engineer, Golden Gate Bridge Co., 111 Sutter Street.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

DENVER, Colo.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 781-D, for furnishing two 42-in. diameter welded plate-steel outlet pipes for installation in the outlet works of the Moon Lake Dam, Moon Lake Project, Utah; and two welded plate-steel outlet pipes, one 72-in. diameter reducing to 57 in. diameter, and one 57-inch in diameter throughout, for installation in the outlet works of the Taylor Park Dam, Uncompahgre Project, Colorado.

(1) Two 42-in. pipes;
(2) One 57-inch and one 72-inch pipes.

Chicago Bridge & Iron Co., Chicago: (1) $8,400; (2) $12,980; f.o.b. Chicago; net.

R. Hardesty Mfg. Co., Denver: (1) $7,925; (2) no bid; f.o.b. Denver; ½% discount.

Provo Foundry & Machine Co., Provo: (1) $9,351.80; (2) no bid; f.o.b. Heber City, Utah; 1% discount.

Alco Products, Inc., New York: (1) $9,420; (2) $13,470; f.o.b. Dunkirk, N. Y.; net.

Steel Tank & Pipe Co., Berkeley: (1) $9,962; (2) $13,906; f.o.b. Berkeley; net.

Bethlehem Steel Co., Bethlehem, Pa.: (1) $8,711; (2) $13,225; (1 and 2) $21,800; f.o.b. Chicago; net.

S. Morgan Smith Co., York, Pa.: (1) $10,506; (2) $15,509; f.o.b. York; net.

Berkeley Steel Constr. Co., Berkeley: (1) $7,950; (2) $12,900; (1 and 2) $19,920; f.o.b. Berkeley; net.

Southwest Welding & Mfg. Co., Inc., Alhambra: (1) $7,940; (2) $12,960; (1 and 2) $20,750.

Consolidated Steel Corp., Ltd., Los Angeles: (1) $10,378; (2) $15,953; (1 and 2) $26,331; f.o.b. Los Angeles; net.

Dover Electric Welding Works, Dover, N. J.: (1) $9,983; (2) $15,960; (1 and 2) $25,850; f.o.b. Dover; ½% discount.

Utah Weders, Salt Lake City: (1) $6,132.98, f.o.b. Salt Lake City; (1) $6,498.96, f.o.b. destination; (2) $11,906.48, f.o.b. Salt Lake City; (2) $13,678.49, f.o.b.fl Salt Lake City; (2) $13,678.49, f.o.b. destination; (1 and 2) $18,000, f.o.b. Salt Lake City; net.

John W. Beam, Denver: (1) $7,750; (2) $10,800; f.o.b. Chicago; ½% discount.

Treadwell Constr. Co., Midland, Pa.: (1) $8,895; (2) $16,495; f.o.b. Midland; net.

King Bros. Portland, Oregon: (1) $8,456; (2) no bid; f.o.b. Portland; 1% discount.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nevada — McMurtry Mfg. Co., Denver, Colorado, submitted low bid on Schedule No. 1, at $16,520 to Bureau of Reclamation, Boulder City, Nevada, for furnishing and installing structural glass(marble and aluminum work for the Boulder Dam and Power Plant, Boulder Canyon Project, under Specification No. 779-D. Westco Co., Santa Ana, submitted the low bid at $1539 on Sch. No. 2 and A. J. Beyer Co. submitted the only bid on Schedules 3 at $3227 and 4 at $2700. W. P. Fuller Co., submitted the second low bid on Schedule No. 1 at $17,500. Other bids on Sch. No. 2 were: Vermont Marble Co., San Francisco, $1750; Elsele & Dondero, $2630. The work includes furnishing and installing structural glass and accessories for wainscots, toilet stalls, shower stalls, dressing room stalls, screen partitions and seats; furnishing and installing marble, together with hollow tile partitions and furring for the lobbies in two elevator towers, on the Boulder dam; furnishing paneled railings of structural glass and aluminum for control rooms in the power plant building; furnishing and installing aluminum doors and appurtenant hardware for structural glass work. The government will furnish part of the materials.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 14,434 FBM irrigation heart redwood, rough, and 2780 FBM No. 1 common douglas fir-rough, were opened by the U. S. Indian Irrigation District, Los Angeles, April 17 under Bid No. 0230.

The bids were:

Sun Lumber Co., $976.11; weight 63,298 lbs.; fob Los Angeles; delivery immediate; discount 5% 30 days.

Patten-Blinn Lumber Co., $897.25; weight 67,466 lbs.; fob Fort Bragg; delivery 14 days; discount 2% mill value.

Hayward Lumber & Investment Co. $976.11; weight 63,298 lbs.; fob L. A. Harbor; delivery 3 weeks; discount, 5%.

Hammond Lumber Co., $748.90; wt. 63,302 lbs.; fob Terminal Island; delivery 20 days; discount 2%.

Hobbs-Wall & Co., San Francisco: $858.73; weight 66,910 lbs.; fob Parker, Ariz.; deduct 39½c cwt. for freight allowance; discount 2%.

San Pedro Lumber Co., $771.45; wt. 70,000 lbs.; fob San Pedro; delivery 20 days; discount 2%.

Union Lumber Co., San Francisco, $889.34; weight 64,553 lbs.; fob Parker, Arizona; deduct 49½c cwt. for freight; delivery 20 days; discount 2% on $560.75.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 28,500 FBM irrigation heart rough redwood under Invitation No. 0231 were opened by the U. S. Indian Irrigation Service, Los Angeles, April 17.

The bids were:

Pacific Lumber Co., $1073.32 fob Scotia, Calif., 20 days; weight, 114,200 lbs.; discount 2%.

Hobbs-Wall & Co., San Francisco: $1763.08 fob Parker, Ariz., 20 days; weight, 115,400 lbs.; discount, 2%; shipping point, San Francisco; deduct 39½c cwt. for freight.

Patten-Blinn Lumber Co., $1608.65 fob Fort Bragg; 14-20 days; weight, 114,200 lbs.; discount, 2% on mill value; deduct 49½c cwt. for freight.

Hayward Lumber & Investment Co. $1959.65 fob Los Angeles Harbor; 3 weeks; weight 107,063 lbs.; discount, 5%.

Monterey Bay Redwood Co., San Francisco: $1101.88 fob Capitola; wt. 4500 lbs. per M. bd. ft.; discount, 2%; delivery, 40 days.

Union Lumber Co., San Francisco, $1594.37 fob Parker; weight, 114,200 lbs.; shipping point, Fort Bragg; 20 days; discount 2%; deduct 49½c cwt. for freight.

San Pedro Lumber Co. (agents for Dolbeer & Carson) $1630.05 fob Parker; weight, 114,200 lbs.; shipping pt., Eureka; delivery, 1 car load 2 weeks, balance, 30 days; discount, 2% on mill value.

Hammond Lumber & Little River Redwood Co., $1073.32 fob Samoa; wt. 114,200 lbs.; delivery, 20 days; discount, 2%.

CONTRACTS AWARDED

GRAND COULEE DAM, Wash.—Bureau of Reclamation, Denver, has awarded contracts under Spec. No. 772-D, as follows:

International Engr. Co., Dayton, O.: Two bronze liners and anchor rods for 54 gate frames, $7,565.59.

John W. Beam Co., Denver: 108 liner supports, $144.74.

Materials are for bulkhead gate frames to be installed at the outlet ends of the turbine draft tubes in the east and west main units and the station service unit of the Grand Coulee power plant, Columbia Basin Proj.

BIDS OPENED

SAN FRANCISCO—James C. Arques, 1025 Lombard St., San Francisco at $525 per month submitted low bid to the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Proposal No. ER 868-36-12, for the lease of one motor towboat for use as a dredge tender in connection with work of making a fill on Yerba Buean Shoals.

The boat shall be 60 to 65 feet in length, with a diesel engine of not less than 15-hp.p and equipped with towing bits, guards, fenders, and all other appliances and equipment necessary to its efficient operation on the intended work.

The other bids were:

Benjamin Walters, Stockton, $750 per month.

Milton A. Purdy, Oakland, $750 per month.

BIDS OPENED

SAN FRANCISCO — Olympian Dredging Co., 219 First St., San Francisco, at $26 per hour for 1000 hours; $22 per hour for 2000 hours; and $20 per hour for 3000 hours, submitted the only bid received by the U. S. Engineer Office, Lieut, Col. J. A. Dorst, District Engineer, Custom House, under Proposal No. ER 868-36-10, for the lease and operation of one clamshell dredge in San Francisco Bay, on and adjacent to the shoal north of Yerba Buena Island.

The dredge will be used principally for constructing the foundation and backfilling for a rubble retaining wall enclosing the upper levels of the shoal fill.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

CALIFORNIA STATE

REDDING, Cal.—Until April 28, 3 P. M., bids will be received by G. E. Siebert, Superintendent of Equipment, Shop 2, Division of Highways, Redding, for the sale of the following equipment:

CHC 33: Shovel, P. & H. 1¼-Yd. Diesel, Model 700, located on railroad near Indian Falls;

CHC 4066: Truck chassis, Chevrolet 1½-ton, 1932.

All of the equipment may be inspected at the Division of Highways' Yards at Redding, Calif., from 7:30 A. M. to 4:30 P. M., on any working day, with the exception of CHC 33 Shovel, which may be inspected at Indian Falls, Plumas County.

FRESNO, Cal.—Until April 28, 3 P. M., bids will be received by F. F. Green, Superintendent of Equipment, Shop 6, Division of Highways, 645 W Olive Ave., Fresno, for the sale of the following equipment:

CHC 4166: Automobile: Ford Tudor Sedan, Model B, 1932;

CHC 89: Mowing Machine, McCormick-Deering Big Six, 5-ft., tractor hitch;

CHC 3: Spray, Deming No. 1, Orchard, 500-gal.; on skids;

CHC 112: Trailer, Troy 3-ton; four-wheel, flat rack, solid tired;

CHC 11: Drill Sharpener; Sullivan Class A, with dies and dollies; also unused parts;

CHC 164: Kettle, for asphalt heating, 150-gal. cap, on 4-wheel trailer;

Two only, Shovel dippers, 1¼-c.y. capacity, for P & H shovel 700 B;

Ten only, Gas Heating Radiators, 6-section;

One only: Gas Heating Radiator, 8-section;

One only: Gas Heating Radiator, 4-section;

Miscellaneous unused parts for Type WK No. 314 Sullivan Air Compressor;

Type R39 and S49 Ingersoll-Rand Jack Hammer Drills;

1½ and 5 K W Kohler Lighting Plant.

All of the equipment listed may be inspected at the Division of Highways Yards, 645 West Olive Ave., Fresno, from 8:30 A. M. to 4:30 P. M. on any working day.

SACRAMENTO, Cal.—Until April 28 3 P. M., bids will be received by R. H. Stalnaker, Equipment Engineer, Division of Highways, 1805 34th St., Sacramento, for the sale of the following equipment:

CHC 431—Grader, 8-ft. Galion pull-type, L. W., R. T., with scarifier.

CHC 1 — Drill Sharpener; Sullivan Class B, with dies and dollies.
Drill Sharpener Forge for oil heating.

CHC 9—Drill Sharpener; Ingersoll-Rand, Leyner type; Ser. No. 7193, with dies and dollies.
Tractor tracks with plates, for Model "35" A. C.
Tractor tracks, for Cletrac "35."
Tractor plates, 68, for A. C. "35."

CHC 162—Plok, for snow: Baker No. 17-A, straight blade, speed for truck.

CHC 88—Plow, for snow: "V" Snow King Mod. 3-A; for truck, complete with hydraulic hoist.

CHC 104—Snow plow, Western "V" Type.

CHC 105—Snow Plow, Western "V" Type.

CHC 106—Snow Plow, Western "V" Type.

CHC 107—Snow Plow, Wico "V" Type

The above equipment may be inspected at the Division of Highways Yards at 1805 34th St., Sacramento, on any working day before the hours of 8:30 A. A. and 4:30 P. M.

EUREKA, Cal.—Until April 28, 3 P. M., bids will be received by W. H. Pierce, Superintendent of Equipment, Shop 1, Division of Highways, Eureka, for the sale of the following equipment:

CHC 387—Grader, Gallon Type No. 88, 8-ft., Leaning Wheel, S.R.T.

CHC 472—Grader, Rome Type 10A, 8-ft., Leaning Wheel, S.T.R.

CHC 497—Tractor, Caterpillar "30", with canopy top.

CHC 202—Kettle, Emulsified Asphalt, 30 ga., Pneu. Tires, Power Spray, B. & S. 3 H.P. Eng. and Compressor.

CHC 204—Kettle, Emulsified Asphalt, 30 gal., Pneu. Tires, Power Spray, B. & S. 3 H.P. Engine and Worthington Compressor.

CHC's 202 and 497 may be inspected at the Division of Highways' Yards at Eureka, California, from 8:30 A. M. to 4:30 P. M. on any working day and CHC's 387, 472 and 204 may be inspected at the Division of Highways' Yards at Willits, California, from 8:30 A. M. to 4:30 P. M. on any working day.

FRESNO COUNTY

FRESNO, Fresno Co., Calif.—Until April 30, 11 A. M., bids will be received by the Fresno City Commission H. S. Foster, City Clerk, City Hall, for furnishing approximately 1,000 tons of asphaltic concrete.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until April 27, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1551, for furnishing 300 low pressure fire hydrants and parts.

Specifications obtainable from above office.

AMADOR COUNTY

JACKSON, Amador Co., Cal.—Until May 4, 10 A. M., bids will be received by the Amador County Board of Supervisors, Leotta M. Huberty, Clerk, for furnishing one 2-ton truck, 151-in. wheel base.

Specifications obtainable from the above office.

KERN COUNTY

DELANO, Kern Co., Cal. — Until May 6, 4 P. M., bids will be received by the Board of Trustees of the Delano Joint Union High School, Frank Panero, Clerk, for furnishing one 60-passenger school bus.

Specifications obtainable from the above office.

BAKERSFIELD, Kern Co., Calif.—Until May 4, 7:30 P. M., bids will be received by the Board of Trustees, C. F. Moore, Clerk, at the office of the principal of Kern County Union High School, 14th and F Sts., Bakersfield, for furnishing one or more bus chassis and one or more bodies for transportation chassis.

Specifications obtainable from above office.

ALAMEDA COUNTY

BERKELEY, Alameda Co., Calif.—Until May 6, 11 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, for furnishing sand and cement for the fiscal year.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL ZONE.—Until May 1, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3140, for furnishing miscellaneous supplies and equipment, including:

Motor trucks, copper pipe, corrugated cocks, stop cocks, brass pipe unions flanging tools, special gauges, extension rods, dust guards, pressure gauges; lubricated plug valves, cast iron pipe and fittings, portable forges, hydraulic jack, carbide lights, electrode holders, end mills, towel sterilizers, glass, leather belting, strap leather, asbestos gaskets, packing, oakum, silver anodes, fiber baskets, cup grease, cocoa-fiber mats, chamois skins, battleship linoleum, cotton batting, and rough California Redwood lumber.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

WAR DEPARTMENT

SAN FRANCISCO—Until May 2, 11 A. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Proposal No. ER-868-36-14, for furnishing 94 16-ft. lengths of shore pipe, for use on Yerba Buena Shoals.

Delivery f.o.b. cars or wharf at Oakland.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until May 1, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-270, for furnishing miscellaneous supplies, including cotton rope, cotton wiping cloths, steam hose, wrapped water hose, and Manila rope.

Specifications obtainable from the above office.

FORT PECK, Mont.—Until April 30, 11 A. M., bids will be received by the U. S. Engineer Office, 707 Postal Telegraph Bldg., Kansas City, Mo., for furnishing approximately 5,995,000 lbs. of steel reinforcing bars for the Fort Peck Tunnel outlet and main control shafts.

Delivery fob cars bidder's plant.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

GOVERNMENT ISLAND, Cal.—Until April 27, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3413, for furnishing two structural steel bridge towers, complete with all structural steel, bolts for field connections, and all miscellaneous steel portions necessary for complete erection of the towers, for the Salyer MBridge.

Delivery f.o.b. bidder's shipping point and/or Eureka.

Information obtainable from the Regional Engineer, U. S. Forest Service, 760 Market St., San Francisco.

CONTRACTS AWARDED

STATE OF OREGON — Bids for bridge construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, April 16, and action taken as follows:

Douglas County—Construction of a concrete viaduct over Southern Pacific Company's tracks on the Pacific Highway, near Green Station, approximately four miles southerly from Roseburg. Requires approximately 570 cu. yds. excavation; 920 cu. yds. concrete; 182,000 lbs. metal reinforcement and 620 lin. ft. concrete handrail.

Awarded: Mountain States Constr. Co., Eugene, $32,960.

Jefferson County—Construction of a concrete viaduct over the Union Pacific Railroad Company's tracks on the Warm Springs Highway, approximately 1¼ miles northerly from Madras. Requires approximately 85 cu. yds. excavation; 460 cu. yds. concrete; 86,000 lbs. metal reinforcement and 340 lin. ft. concrete handrail.

Awarded: McNutt Bros., Eugene, $16,870.

Lincoln County—Construction of a composite pile trestle bridge over Olalla Creek on the Corvallis-Newport Highway, approximately one mile northerly from Toledo. Requires approximately 960 lin. ft. treated piling; 60 cu. yds. concrete; 12,000 lbs. metal reinforcement; 15 M-FBM treated lumber and 150 lin. ft. concrete handrail.

Bids rejected. Low bid submitted by W. C. Schmidt, 2646 Brendle St., Portland, $5550.

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until May 14, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of an overhead crossing over the tracks of the Atchison, Topeka and Santa Fe Railway in Riverside County, one mile north of Box Springs, consisting of one 37 ft., two 34 ft., and two 8 ft. spans.

The work involves:

(1) 350 cu. yds. structure excavation;
(2) 79,000 lbs. bar reinf. steel;
(3) 550 cu. yds. Class A Portland cement concrete (structures);
(4) 25 cu. yds. Class A Portland cement concrete (railing);
(5) One lot miscellaneous items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino. *

CONTRACTS AWARDED

STATE OF OREGON — Bids for bridge construction were opened by the Oregan State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, April 17, and action taken as follows:

Clackamas County—Construction of a steel and concrete undercrossing to carry the Southern Pacific Company's tracks over the Pacific Highway at Oregon City. Requires approximately 77,000 cu. yds. excavation; 700 cu. yds. rubble masonry; 500 sq. yds. concrete sidewalks; 11,800 sq. yds. Portland cement concrete pavement; 530 tons asphaltic concrete; 2,800 cu. yds. concrete; 110,000 lbs. metal reinforcement; 485,000 lbs. structural steel; 90,000 lbs. wrought iron plate and 68,000 lbs. handrail.

Awarded: Parker-Schram Co., Couch Bldg., Portland, $289,416.

Deschutes County—Construction of a reinforced concrete undercrossing to carry the Oregon Trunk Railway tracks over Franklin Avenue (The Dalles-California Highway) in Bend. Requires approximately 17,500 cu. yds. excavation; 200 sq. yds. concrete; 35,600 lbs. metal reinforcement; 90,000 lbs. structural steel; 3,000 sq. yds. three-ply membrane waterproofing; 120 sq. ft. one-inch asphalt plank and drilling of a well.

Awarded: P. L. Crooks, Henry Bldg., Portland, $76,476.

BIDS WANTED

GLENN COUNTY, Cal.—Until May 13, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge and about 1.5 mile of highway construction in Glenn County, between 4 miles north of Willows and one mile south of Artois, of which about 0.5 mile is to be graded and surfaced with crusher run base and plant-mixed surfacing, about 0.6 mile to be widened and borders of crusher run base constructed and fences to be reconstructed over the remainder.

The work involves:

(1) 60 sta. clearing and grubbing right-of-way;
(2) 255 M. gals. water;
(3) 2900 cu. yds. rdwy. excav. unclass.;
(4) 270 cu. yds. ditch and channel excavation;
(5) 8800 sta. yds. overhaul;
(6) 9500 cu. yds. imported borrow;
(7) 390 cu. yds. struc. excav.;
(8) 410 cu. yds. exist. conc. removed and disposed of;
(9) 60 sta. finishing roadway;
(10) 3000 tons crusher run base;
(11) 1150 tons mineral aggregate (plant-mixed surfacing);
(12) 59 tons liquid asphalt MC-4 or MC-5 or MC extra heavy (plant-mixed surfacing);
(13) 10 tons liquid asphalt SC-2 (prime coat);
(14) 7.6 tons liquid asphalt 90-95 (seal coat);
(15) 600 sq. yds. asph. paint binder;
(16) 74 tons screenings (seal coat);
(17) 9 tons sand (penetration oil treatment);
(18) 206 cu. yds. Class A Portland cement concrete (strucs.);
(19) 15 cu. yds. Class A Portland cement conc. (railing);
(20) 50,045 lbs. bar reinf. steel;
(21) 1220 lin. ft. furnishing reinf. conc. piles, including test piles;
(22) 41 each driving reinf. concrete piles, including test piles;
(23) 176 lin. ft. 12-in. CMP;
(24) 138 lin. ft. 18-in. CMP;
(25) 6 each move and reset headwalls
(26) 410 cu. yds. broken conc. riprap;
(27) 8 each culvert markers;
(28) 1.4 miles exist. fences moved and reset;
(29) 1 only exist. bridge removed and disposed of;
(30) 22 each monuments complete in place.

Plans and specifications obtainabale from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville. * t

BIDS WANTED

SAN BENITO COUNTY, Cal.—Until May 6, 2 P. M., bids will be received by the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for salvaging an existing 120-ft. bridge from Pacheco Creek and erecting it at San Benito River, and salvaging the existing 100-ft. San Benito River bridge.

Plans and specifications obtainable from the above office. *

BIDS OPENED

LOS ANGELES, Calif. — Jacobson Bros., 3338 Madera Ave., Los Angeles submitted low bid to the Los Angeles county supervisors at $18,974 (Proposal 1) and at $19,444 (Proposal 2, using redwood) for constructing a viaduct on Soledad Canyon Road over the Southern Pacific Railroad tracks on the Valley line. The proposed viaduct will be of concrete, wood and steel construction, 248 ft. in length, with a 24-ft. roadway; steel girders, wood joists, wood and concrete piers and redwood railing. Cash Contract No. 484. Steel will be furnished by the county.

The complete bids were:

Jacobson Bros.: (1) $18,974; (2) $19,444.00.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

C. T. Stover: (1) $19,157.00; (2) $20-126.00.
E. G. Perham: (1) $19,988; (2) $20,-862.00.
Byerts & Dunn: (1) $20,495.00; (2) $21,400.00.
W. H. McCune: (1) $21,840.00; (2) $23,000.00.
John Oberg: (1) $22,277.00; (2) $21,-913.00.
Hanson, Howard and Shaffer: (1) $22,488.00; (2) $23,488.00.
Parish Bros.: (1) $22,560 00; (2) $23-620.00.
Lynch-Cannon Engr. Co.: (1) $22,-665.00; (2) $23,165.00.
Alonzo J. Frazier: (1) $22,858.00; (2) $22,350.00.
Eser Wilkholm, Ltd.: (1) $23,300.00; (2) $23,600.00.

BIDS WANTED

APACHE COUNTY, Arizona.—Until May 7, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the St. Johns-Sanders Highway, WPSS 113 - B, AFE 8106. The work, which is to begin at St. Johns and is to extend northeasterly for a distance of about one mile, consists of the construction of a concrete and steel bridge, and the grading, draining and oiling (in part) of the roadway, and is to be completed on or before October 15.

The principal items and approximate quantities are:
2,000 c.y. rdwy. excav.;
10,700 c.y. drainage excav.;
570 c.y. struc. excav.;
13,900 c.y. imported borrow;
12,800 c.y. ml. imported borrow haul;
3,100 c.y. select materials;
481 c.y. Class A concrete;
49,200 lbs. reinforcing steel;
71,600 lbs. structural steel;
156 l.f. 18-in. corru. metal pipe;
56 l.f. 24-in. corru. metal pipe;
6,000 l.f. line fence;
100 c.y. plain riprap;
1,700 sq. yds. furnishing and placing oil mix;
3,150 gals. SC-2 road oil;
100 hours rolling;
200 M. gals. sprinkling;
and other incidental items.

Certified or cashier's check for 5% must accompany each bid. Plans may be obtained from the office of T. S. O'Connell, State Highway Engineer

BIDS WANTED

SAN FRANCISCO, Cal.—Until May 6, 2:30 p.m., lump sum bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,932, for construction of the Harrison St. viaduct over Beale St. Estimated cost, $64,000.

Work includes removing the steel and reinforced concrete span at Beale and Harrison streets, modification of existing reinforced concrete abutments and construction of a new reinforced concrete viaduct.

The work will involve:
(1) 210,000 lbs. removing existing steelwork.
(2) 220 c.y. removing existing reinforced concrete.
(3) 3,100 c.y. excavation, including backfill, grading, etc.
(4) 48 c.y. Class A concrete.
(5) 1,410 c.y. Class B concrete.
(6) 15 c.y. gunite, including reinforcing and anchorage.
(7) 264,000 lbs. reinforcing steel.
(8) One brick manhole with cast iron frame and cover (including 2 covers on bridge deck).
(9) 105 l.f. 12-in. cast iron pipe sewer.
(10) 20 l.f. 12-in. vitrified clay pipe.
(11) Lump sum, electrical work.
(12) Lum sum, miscellaneous work, including grilles, pipe railing, etc.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS WANTED

FORT MILEY, San Francisco—Until April 30, 2:30 P. M., bids will be received by William H. Radcliffe, Supervising Superintendent of Constr., Veterans Administration Hospital, Palo Alto, under Bid No. F FM-29, for drilling a test well on reservation of Veterans Administration Facility, Fort Miley, San Francisco.

Bids will be taken as follows:
(1) Drilling test well on reservation of Veterans Administration Facility, Fort Miley;
(1a) First 100 ft. lump sum;
(1b) Next 50 ft. (101 ft. to 150 ft. incl) per ft.;
(1c) Next 50 ft. (151 ft. to 200 ft. incl) per ft.;
(1d) Next 50 ft. (201 ft. to 250 ft. incl.) per ft.;
(1e) Next 50 ft. (251 ft. to 300 ft. incl.) per ft.;
(1f) Next 50 ft. (301 ft. to 350 ft. incl.) per ft.;
(1g) Next 50 ft. (351 ft. to 400 ft. incl.) per ft.;
(1h) Next 50 ft. (401 ft. to 450 ft. incl.) per ft.;
(1j) Next 50 ft. (451 ft. to 500 ft. incl.) per ft.;
(1k) Next 50 ft. (501 ft. to 550 ft. incl.) per ft.;
(1l) Next 50 ft. (551 ft. to 600 ft. incl.) per ft.;

Alternate bids will be received under Item (1) as follows:
(Alt. 1A) If ledge rock is encountered add per lin. ft.;
(Alt. 1B) If it is found necessary to use casing beyond the first 100 ft. add per lin. ft.
(Alt. 1C) For developing and testing well as required per eight-hour day;
(Alt. 1D) If it is found necessary to perforate the casing, add per lin ft.

Specifications obtainable from the above office. 81

CONTRACT AWARDED

WASHOE COUNTY, Nevada—J. F. Knapp, 1401 Park Ave., Oakland, at $92,496.80 submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a concrete and steel underpass under the Southern Pacific Railway on West Second St., near Reno, a length of approximately 0.254 mile.

George French Jr., Stockton, at $92,606 25 submitted second low bid.

Complete bids will be published shortly.

CONTRACT AWARDED

WASHOE COUNTY, Nevada—J. F. Knapp, 1401 Park Ave., Oakland, at $153,351.50 submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for construction of a concrete and steel underpass and a concrete and steel bridge on Alameda and Wells Ave., Reno, a length of approximately 0.31 mile.

I. Christensen, Reno, at $161,396.60 submitted second low bid.

Complete bids will be published shortly.

BIDS WANTED

LOS ANGELES CO., Calif. — Until May 11, 2 P. M., bids wil be received by the Los Angeles county board of supervisors, 501 Hall of Records, for the construction of a reinforced concrete arch bridge to be constructed on the Camp Bonita-Prairie Fork Road (Bridge No. 5) over the east fork of the San Gabriel River. The proposed structure will have an arch span of 84 ft. with a rise of 53 ft. 6 in. and a width of 18 ft. The total length of the bridge, including the arch span, is 166.93 ft. W. B. Armstrong, county bridge engineer. Mame B. Beatty, clerk of the board.

BIDS REJECTED

KERN COUNTY, Cal. — Board of Supervisors has rejected all bids received for construction of a timber bridge over Fiddlers Gulch on the Randsburg - Johannesburg Highway, and will proceed with the work by day labor.

Low bid was submitted by Alonza J. Frazier, 952 Poplar St., Puente, at $2096.42.

22—DREDGING, HARBOR WORKS EXCAVATION

BIDS WANTED

NEWPORT BAY, Orange Co., Cal. —Until May 4, 11 A. M., bids will be received by the Lighthouse Service, Room 425 Custom House, San Francisco, H. W. Rhodes, Superintendent of Lighthouses, under Bid No. N-13, for construction of a reinforced concrete foundation slab at the site of Newport Bay East Jetty Light, Newport Bay.

Specifications obtainable from the above office.

BIDS WANTED

NEWPORT BAY, Orange Co., Cal. —Until May 4, 11 A. M., bids will be received by the Lighthouse Service, Room 425 Custom House, San Francisco, H. W. Rhodes, Superintendent of Lighthouses, under Bid No. N-19, for driving four 60-foot creosoted piles in Newport Bay.

Creosoted piles will be furnished by the Lighthouse Service to contractor f.o.b. wharf at Newport Bay, accessible to Lighthouse tender's tackle.

Specifications obtainable from the above office.

BIDS WANTED

SACRAMENTO, Cal.—Until May 6, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-36-227, for setting back, raising and strengthening the existing levee and constructing new levee along the easterly side of the Sacramento River between Moulton Weir and a point about one-fourth mile downstream from the bridge across the Sacramento River at Colusa, for a distance of approximately 10.3 miles. The total volume of earth to be placed in embankment is approximately 938,000 c.y.

The work involves:
(1) 938,000 c.y. levee embankment, in place;
(2) 80 ft. corru. iron pipe, 8-in. dia., 16 gauge, with necessary 12-inch band couplers, all in place;
(3) 170 ft. do, 18-in. dia., 12 ga., do;
(4) 1,488 ft. do, 24-in. dia. 12 ga. do;
(5) 606 ft. do, 30-in. dia., 12 ga., do;
(6) 242 ft. do, 36-in. dia., 12 ga., do;
(7) 44 ft. do, 42-in. dia. 10 ga., do;
(8) 266 ft. do, 48-in. dia. 10 ga., do;
(9) 240 ft. steel soil proof pipe, 18-in. dia., 12 ga., with welded connections all in place;
(10) 24 ft. do, 28-in. dia., 21 ga., do;
(11) 50 ft. do, 30-in. dia., 12 ga., do;
(12) 136 ft. do, 36-in. dia., 10 ga., do;
(13) 2 each, corru. iron cut-off bulkreads, 32x32-in., 12 ga., fitted to 8-in. corru. iron pipe, all in place
(14) 4 each, do, 49½x50-in., 12 gauge, fitted to 18-in. do;
(15) 4 each do, fitted to 18-in. steel soil proof pipe, all in place;

(16) 30 each do, fitted to 24-in. corru. iron pipe, all in place;
(17) One each, do, fitted to 28-in. steel soil proof pipe, all in place;
(18) 8 each, do, fitted to 30-in. corru. iron pipe, all in place;
(19) 2 each, do, fitted to 30-in. steel soil proof pipe, all in place;
(20) 4 each, do, 12 ga., 60½x60-in., fitted to 36-in. corru. iron pipe, all in place;
(21) 2 each do, 12 ga., 60½x60-in., fitted to 36-in. steel soil proof pipe all in place;
(22) 2 each, do, 12 ga., 73½x70-in., fitted to 42-in. corru. iron pipe, all in place;
(23) 6 each do, 13 ga., 73½x70-in., fitted to 48-in. do;
(24) One 8-in. dia., Calco No. 100 gate or equal, in place;
(25) One 18-in. dia., do;
(26) 3 each, 24-in. dia., do;
(27) One 228-in. dia., do;
(28) One 18-in. dia. Calco No. 101 gate or equal, with 12-ft. frame, in place;
(29) One 18-in., do, with 18-ft. frame, in place;
(30) One 24-in. do, with 4-ft. frame, in place;
(31) 2 each, 24-inch do, with 8-foot frame in place;
(32) 8 each, 24-in. do, with 10-foot frame in place;
(33) 4 each, 24-in. do., with 12-foot frame in place;
(34) 2 each, 30-in. do, with 12-foot frame in place;
(35) 2 each, 30-in. do, with 16-foot frame in place;
(36) One 63-in. do, with 6-ft. frame, in place;
(37) One 36-in. do, with 12-ft. frame, in place;
(38) One 36-in. do, with 14-ft. frame, in place;
(39) One 42-in. do, with 10-ft. frame, in place;
(40) One 48-in. do with 10-ft. frame, in place;
(41) One 48-in. do, with 12-ft. frame, in place;
(42) One 48-in. do, with 14-ft. frame, in place;
(43) 10 each, 10-in. dia. concrete pipe;
(44) 450 FBM Oregon pine lumber, SIS

Existing Structures to be Removed and Wasted

(45) One job reinf. conc. culvert, 5x 25-ft. at Sta. 292 plus 90;
(46) One job reinf .conc. wing walls of approx. 2 c.y. volume at Sta. 76 plus 85;
(47) One job reinf. conc. spillbox, 4x 3-ft., of about 1.7 c.y. volume at Sta. 82 plus 44;
(48) One job reinf. conc. culvert, 4x 3x22-ft. with 8-ft. wing walls at Sta. 166 plus 53;
(49) One job reinf. conc. cut-off wall, 4-in. thick x 12-ft. long x 10-ft. deep at Sta. 166 plus 53;
(50) One job reinf. conc. spillbox, 10x 10-ft. with 8-ft. wing walls of about 14 c.y. volume at Sta. 181 plus 00;
(51) One job reinf. conc. spillbox of about 12 c.y. in volume at Sta 183 plus 20;
(52) One job reinf. conc. well, 5x5x8-ft. deep at Sta. 254 plus 35;
(53) One job reinf. conc. culvert, 5x 2.8x55-ft. at Sta. 254 plus 35;
(54) One job reinf. conc. spillbox, 10x 20x3.5-ft. at Sta. 254 plus 35;
(55) One job reinf. conc. spillbox, 14x 24x4.8-ft. deep, at Sta. 256 plus 23;
(56) One job reinf. conc. culvert under exist. roadbed, 5x4x30-ft. at Sta. 258 plus 00;
(57) One job reinf. conc. culvert, 5x 5x3-ft. at Sta. 268 plus 70.
(58) 2,900 l.f. county highway road surfacing from Sta. 258 plus 00 to Sta. 287 plus 00;
(59) One job reinf. conc. spillbox, 70-ft. long and of about 14 c.y. volume at Sta. 288 plus 65;
(60) One job wooden culvert, 1.5x1.5x 22-ft. at Sta. 301 plus 00;
(61) One job reinf. conc. culvert, 4x 5x28-ft. at Sta. 312 plus 67;
(62) One job reinf. conc. culvert, 3x 4x20-ft. at Sta. 337 plus 34 (removal is just to landward toe of levee and must not disturb existing highway);
(63) One job reinf. conc. culvert at Sta. 400 plus 37, 3x4x30-ft. long (do);
(64) One job steel pipe 18-in. dia. x 22-ft. long, at Sta. 84 plus 60;

Existing Structures to be Removed and Reinstalled

(65) One job, two 24-in. dia. Calco No. 101 headgates and frames;
(66) One job, one 12-in. dia. surface irrigation valve;
(67) One job, one 24-in. dia. Calco No. 105 headgate and frame;
(68) One job, one 30-in. dia., Calco No. 101 headgate and frame.

Plans and specifications obtainable from above office. *

23—IRRIGATION PROJ.

APPLICATIONS FILED

SACRAMENTO, Cal.—Applications for permit to appropriate water filed with the State Deartment of Public Works, Division of Water Resources, during March, 1936:

8576 (San Bernardino County) Committee for Mojave River County Water District, Helendale, Calif., for 200 c.f.s. from Mojave River to be diverted for irrigation purposes on 10,000 acres. Estimated cost $85,000.

8619 (Los Angeles County) R. B. Hoffman, Pasadena, Calif., for 1.5c.f.s. from Mine Gulch tributary to San Gabriel River to be diverted for mining purposes. Est. Cost $15,000.

8621 (Amador County) Sierra Mountain Water Co., 410 E. Market St., Stockton, Calif., for 300,000 ac. ft. from Cosumnes River tributary to Mokelumne River to be diverted for power purposes. 13840 T.H.P. to be developed. Est. cost $7,200,000.

8622 (Amador County) Sierra Mountain Water Co., 410 E. Market Street, Stockton, Calif., for 300,000 ac. ft. from Cosumnes River tributary to Mokelumne River to be directed for municipal purposes in City of Stockton.

8264 (Sutter County) Sutter Water District, Yuba City, Calif., for 75 c.f.s. from Feather River tributary to Sacramento River to be diverted for irrigation purpose. Estimated cost, $15,730.

BIDS OPENED

SAN FRANCISCO—Healy - Tibbitts Constr. Co., 64 Pine St., San Francisco, at $11.14 per pile submitted low bid to the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Proposal No. ER 868-36-9, for furnishing, placing and driving 300 Douglas fir piles in San Francisco Bay in the shoal lying north of Yerba Buena Island. The piles are to form part of a trestle for supporting the discharge pipeline of a hydraulic dredge.

The piles will be of rough, untreated Douglas fir and will have a minimum diameter of 14-in. at the butt and of 9-in. at the point and will be of varying lengths, approximately as follows:

(1) 140 65-ft. long;
(2) 80 60-ft. long;
(3) 80 55-ft. long.

Complete bids follow;

Healy-Tibbitts Constr. Co., San Francisco, $11.14.
San Francisco Bridge Co., San Francisco, $12.00.
A. W. Kitchen Co., San Francisco, $13.50.
Duncanson-Harrelson Co., San Francisco, $15.23.
Ben C. Gerwick, Inc., San Francisco, $15.50.
M. B. McGowan, Inc., San Francisco, $18.00.

Bids held under advisement. *

25—MACHINERY AND EQUIPMENT

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing electric motor and gas engine driven propeller type pumps, f.o.b. cars bidder's plant under Cir. Prop. No. 543, were opened by the U. S. Engineer, Los Angeles, April 15. The bids were:

Byron Jackson Co., shipping points; pumps and glass, Berkeley; 18,760 lbs.; motors and starters, Los Angeles, 5760 lbs.; engines, Buffalo, N. Y.; 24,000 lbs.; $22,449.

Morris Machine Works, Baldwinsville, N. Y., $16,810; shipping point of all equipment, Baldwinsville, N. Y.; 52,400 lbs. (Le Roi engines; G. E. motors).

Fairbanks- Morse & Co. $16,198; alternate bid, $15,014; shipping points: pumps, San Francisco, 17,000 lbs.; engines, Clinton, Iowa, 14400 lbs.; gears Buffalo, N. Y., 1800 lbs.; switchboards, L. A., 5000 lbs.; drive shaft, San Francisco, 1100 lbs.

Layne & Bowler, $21,130; shipping points: pumps, Los Angeles, 26,210 lbs.; engines, Buffalo, N. Y., 18,000 lbs.; motors, 4890 lbs.; electric equipment, Los Angeles, 1400 lbs. (Worthington engine; G. E. or Westinghouse motors).

Pomona Pump Co., $15,384; shipping points: San Francisco, 17,000 lbs.; Los Angeles, 2300 lbs.; Pomona, 20,000 lbs. (Pacific Enterprise engine). Alternate bids: $13,906.60 Waukesha, 14,000 lbs.; Berkeley, 1700 lbs.; Pomona, 20,000 lbs.; L. A., 18,000 lbs. (Waukesha engine), $16,055; Buffalo, N. Y., 18,000 lbs.; balance of weights same as preceding alternate bid. (Worthington engine), $11,980; Milwaukee, 9000 lbs.; other weights same as preceding alternate bid (Le Roi engine).

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

IMPERIAL COUNTY, Calif.—Morgan Bros., 5919 Maywood Ave., Huntington Park, at $3,433.50 awarded contract by the State Highway Commission, Sacramento, for furnishing and applying liquid asphalt to existing shoulders on about 12.6 miles in Imperial County between Sand Hills and one mile west of Yuma.

BIDS REJECTED—TO BE DONE BY DAY LABOR

LASSEN COUNTY, Calif. — State Highway Commission, Sacramento, has rejected the only bid received, that of Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $6,491.50, for about 1.4 mile surfacing with road mix surfacing in Lassen County, between Hillside and Nubieber. The work will be done by day labor. *

CONTRACT AWARDED

LINCOLN COUNTY, Nevada—Geo. French, Jr., P. O. Box 107, Stockton, at $21,172.65 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for construction of approxi-

mately 12.25 miles of asphaltic road-mix surfacing in Lincoln County, between Alamo and Crystal Springs, Route 7, Section B1.

U. B. Lee, San Leandro, Calif., at $21,588.75 submitted second low bid.

Complete bids will be published shortly. *

BIDE OPENED

ALAMEDA COUNTY, Calif.—L. C. Seidel, 4722 Market st., Oakland, at $28,727.70 submitted low bid to the State Highway Commission, Sacramento, for about 0.3 mile grading and paving with Portland cement concrete in Alameda County, in the City of Berkeley, between the Folger ave. underpass and Ninth street.

The work involves:

(1) 6700 cu. yds. roadway excavation unclass.;
(2) 70 cu. yds. struc. excavation;
(3) 80,000 sta. yds. overhaul;
(4) 16 sta. finishing rdwy.;
(5) 2360 tons imported base material;
(6) .00 cu. yds. salvaged base materials;
( ) 240 tons asphalt concrete;
(8) 1810 cu. yds. Class A Portland cement concrete (pavement);
(3) 10,3[illegible] lbs. bar reinf. steel (pave and strucs.);
(10) 3700 each pave dowels;
(11) 3 each catchbasins;
(12) 104 lin. ft. 8-in. vit. clay pipe;
(13) 82 cu. yds. Class A Portland cement concrete (curbs & gutters)
(14) 70 cu. yds. Class A Portland cement concrete (sidewalks).

Total bids follow:

(A) L. C. Seidel, Sacramento, $28,727.70.
(B) Hanrahan Co., San Francisco, $30,212.60.
(C) Lee J. Immel, Berkeley, $31,278.20.

	(A)	(B)	(C)
(1)	$ .40	$ .33	$ .34
(2)	1.40	.90	1.50
(3)	.01	.01	.005
(4)	7.00	8.00	7.00
(5)	.85	.75	.80
(6)	1.40	1.00	1.00
(7)	5.00	4.00	5.50
(8)	9.30	11.10	11.00
(9)	.065	.06	.07
(10)	.20	.15	.25
(11)	115.00	100.00	100.00
(12)	.80	.65	.80
(13)	18.00	19.00	18.00
(14)	16.00	17.00	18.00

CONTRACT AWARDED

NYE COUNTY, Nev.—Dodge Construction, Inc., Fallon, at $7410 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for approximately 3.12 miles of surfacing in Nye County, between Tonopah and 3 miles east, Route 4, Section A1.

U. B. Lee, San Leandro, Calif., at $8436 submitted second low bid.

Complete bids will be published shortly. *

BIDS WANTED

LOS ANGELES and Orange Counties, Cal.—Until May 4, 2 P. M., bids will be received by the Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for constructing shoulders of imported borrow on about 15.4 miles in Los Angeles and Orange Counties, between Routes 183 and 179, and between Route 60 and Santa Ana River.

The work involves:

(1) 285 M. gals. water;
(2) 15,000 c.y. imported borrow in place.

Plans and specifications obtainable from the above office. *

SACRAMENTO — Sacramento River Levee — (Govt.)

SACRAMENTO, Cal.—R. L. Oakley and J. E. Immell, 801 South Grand Ave., Los Angeles, at $106,461 submitted low bid to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-36-148, for setting back, raising and strengthening the existing levee and constructing new levee along the westerly side of the Sacramento River from a point opposite Wohlfrom Bend to the ferry just northerly of Princeton, a distance of approximately 1.5 miles. The total volume of earth to be placed in embankment is approximately 433,000 c.y.

The work involves:

(1) 433,000 c.y. levee embankment in place;
(2) 100 c.y. road gravel in place;
(3) 60 ft. corrugated iron pipe, 10-in. dia., No. 14 ga., with necessary band couplers, all in place;
(4) 300 ft. do, 24-in. dia., No. 12 ga. do;
(5) 230 ft. do, 30-in. dia., No. 12 ga. do;
(6) 240 ft. do, 48-in. dia., No. 10 ga., do;
(7) 50 ft. soil proof pipe, 8-in. dia., No. 12 ga., with welded connections in place;
(8) 12 ft. soil proof pipe, 18-in. dia., No. 12 ga., do;
(9) 20 ft. soil proof pipe, 22-in. dia., No. 12 ga., do;
(10) 48 ft. soil proof do, 24-in. dia., No. 12 ga., do;
(11) 324 ft. soil proof pipe, 36-in. dia., No. 10 ga. do;
(12) 100 ft. soil proof pipe, 48-in. dia., No. 8 ga., do;
(13) 60 ft. wrought iron pipe, 20-in. I. D., 5/16-in. thick, in place;
(14) 300 ft. concrete pipe, 12-in. dia., in place;
(15) 1 8-in. Calco No. 100 gate, or equal, in place;
(16) 1 18-in. do;
(17) 1 22-in. do;
(18) 1 24-in. do;
(19) 1 30-in. do;
(20) 4 36-in. do;
(21) 3 48-in. do
(22) 1 30-in. Calco No. 101 gate, or equal, with 5-ft. frame, in place
(23) 1 do with 8-ft. frame;
(24) 1 do with 10-ft. frame;
(25) 2 48-in. Calco No. 101 gates, or equal, with 14-ft. frame, in place
(26) 1 20-in. wedge gate valve, Crane No. 491, or equal, in place;
(27) 300 ft. 12-in. concrete pipe, to be removed;
(28) 1 6x9x20-ft. brick culvert to be removed;
(29) 1 12x27-ft. wooden bridge to be removed;
(30) 1 8-in. x 7.5x67-ft. concrete culvert to be removed;
(31) 1 8x9-ft. brick and concrete culvert to be removed;
(32) 1 10x16-ft. wooden bridge to be removed;
(33) 1 14x10x16-ft. brick culvert to be removed;
(34) 250 c.y. reinforced concrete, in place;
(35) 5 c.y. mass concrete, in place.

Addenda:

(36) 2 pieces corrugated iron cut-off sheets, 32x32-in., No. 12 gauge, fitted to 8-in. dia. soil proof pipe
(37) 14 pieces do, 49½x50-in., No. 12 gauge, fitted to 18- 22- and 24-in. dia. soil proof pipes and to 24- and 30-in. dia. corrugated iron pipe;
(38) 8 pieces do, 60½x60-in., No. 12 gauge, fitted to 36-in. dia. soil proof pipes;
(39) 6 pieces do, 73½x70-in., No. 12 gauge, fitted to 48-in. dia. soil proof pipe and corru. iron pipe.

Total bids follow:

(A) R. L. Oakley and J. E. Immell, Los Angeles, $106,461.00.
(B) D. McDonald, Sacramento, $111,993.90.
(C) A. Teichert & Son, Inc., Sacramento, $127,433.30.
(D) Poulos & McEwen, Sacramento, $139,747.00.
(E) Chas. Harlowe Jr., Oakland, $140-268.00.
(F) George Pollock Co., Sacramento, $169,070.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .20	$ .216	$ .244	$ .275	$ .28	$ .35
(2)	2.00	2.25	3.00	2.00	1.50	2.50
(3)	2.10	1.70	2.15	2.50	1.35	1.60
(4)	5.00	4.25	5.30	4.10	3.50	4.50
(5)	6.70	5.50	6.70	5.50	4.50	5.25
(6)	11.50	10.75	13.00	10.00	9.00	9.90
(7)	1.60	1.00	1.50	1.50	1.00	1.90
(8)	3.00	2.00	2.30	2.50	1.75	4.00
(9)	3.40	2.35	3.50	4.00	2.00	3.00
(10)	4.10	2.70	3.90	4.00	2.25	3.00
(11)	5.30	4.90	6.00	5.00	3.75	4.00
(12)	9.30	8.10	10.00	4.50	6.75	9.00
(13)	5.00	8.00	12.50	15.00	3.06	6.25
(14)	2.10	1.15	1.40	2.00	1.50	1.10
(15)	5.60	5.20	9.50	10.00	10.00	11.00
(16)	43.00	39.00	53.00	50.00	10.00	52.00
(17)	65.00	55.00	90.00	75.00	72.00	80.00
(18)	58.00	53.00	70.00	75.00	57.00	80.00
(19)	48.00	44.00	65.00	75.00	48.00	120.00
(20)	140.00	128.00	160.00	150.00	130.00	160.00
(21)	280.00	255.00	320.00	350.00	255.00	300.00
(22)	55.00	78.00	70.00	90.00	67.00	75.00
(23)	57.00	80.00	75.00	100.00	74.00	80.00
(24)	64.00	87.00	90.00	120.00	85.00	85.00
(25)	125.00	150.00	160.00	170.00	200.00	150.00
(26)	260.00	285.00	300.00	250.00	250.00	300.00
(27)	.70	.30	.12	1.00	.50	.50
(28)	75.00	50.00	40.00	50.00	50.00	50.00
(29)	75.00	50.00	20.00	25.00	50.00	10.00
(30)	200.00	250.00	200.00	300.00	100.00	300.00
(31)	150.00	150.00	50.00	100.00	50.00	150.00
(32)	25.00	30.00	10.00	50.00	75.00	10.00
(33)	50.00	100.00	50.00	200.00	100.00	100.00
(34)	25.00	24.00	28.00	25.00	35.00	20.00
(35)	20.00	20.00	15.00	20.00	20.00	12.00
Addenda:						
(36)	7.30	7.90	7.00	20.00	.....	9.00
(37)	10.50	11.00	10.00	25.00	.....	12.00
(38)	15.00	15.40	15.00	25.00	.....	16.00
(39)	19.00	21.50	20.00	50.00	.....	21.00

BIDS WANTED

SIERRA & NEVADA COUNTIES, Cal.—Until May 7, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for approximately 4.267 miles grading on Section B of Route 27, the Sierraville-Hobart National Forest Highway, Tahoe National Forest, Sierra and Nevada Counties.

The principal items of work involved are:

(1) 30 acres clearing;
(2) 74 acres cleanup clearing;
(3) 114,500 cu. yds. unclassified excavation;
(4) 9400 cu. yds. do for borrow;
(5) 2070 cu. yds. do for structures;
(6) 163,000 sta. yds. overhaul;
(7) 1800 cu. yds. mi. borrow haul;
(8) 158 cu. yds. Class A concrete;
(9) 12,070 lbs. reinforcing steel;
(10) 2890 lin. ft. C.M.P.;
(11) 181 cu. yds. crushed rock or gravel for backfill;
(12) 200 sq. yds. mortar backfill seal;
(13) 1365 lin ft. Type 1 protection ditch;
(14) 600 lin. ft. welded steel pipe;
(15) 82 right-of-way monuments.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS WANTED

NAVAJO COUNTY, Arizona—Until May 5, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix for highway construction on the Globe-Showlow Highway, FLH 6-A, Unit 3, A.F.E. 6025. The work, which is to begin about 7 miles northeast of the Navajo county line and about 70 miles northeast of Globe and is to extend northeasterly approximately 10.7 miles, consists of grading and draining the roadway and is to be completed on or before May 31, 1937.

The principal quantities are:

107 cu. yds. roadway excavation;
5,700 cu .yds. drainage excavation;
7,800 cu. yds. slides and overbraekage;
3,500 cu. yds. structure excavation;
46,400 sta. yds. overhaul;
62,900 cu. yds. imported borrow;
14,000 cu. yds. mi. imported borrow haul;
732 cu. yds. Class A concrete;
77,100 lbs. reinf. steel;
2,982 lin. ft. C. M. pipe (5 sizes);
25,900 lin. ft. crown ditches;
682 cu. yds. cem. rubble masonry;
372 road guard posts;
112,300 lin. ft. line fence;
1,350 hours rolling;
188 guide posts;
and incidental items.

BIDS OPENED

SACRAMENTO, Cal.—Heafey-Moore Co., 344 High St., Oakland, at $15,-864.50 submitted low bid to the Sacramento City Council for improvement of J Street, between Alhambra Blvd. and 46th St.eet.

The work involves:

(1) 660 l.f. concrete curb and gutter to be removed;
(2) 230 l.f. gutter only to be removed
(3) 27,000 sq. ft. 5½-in. pavement to be removed (patches);
(4) 31 manholes to be reconstructed to grade;
(5) 1 gutter drain;
(6) 20 l.f. 6-in. V. I. pipe sewer;
(7) 660 l.f. concrete curb and gutter to be constructed;
(8) 230 l.f. concrete gutter only to be constructed;
(9) 894 tons asphaltic concrete pavement 5½-in. thick (patches);
(10) 2,030 tons asphaltic conc. pavement 2-in. average thickness.

Total bids follow:

(A) Heafey-Moore Co., Oakland, $15,-864.50.
(B) J. R. Reeves, Sacramento, $16,-750.35.
(C) A. Teichert & Son, Inc., Sacramento, $21,823.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ .25	$ .11	$ .15
(2)	.20	.055	.10
(3)	.05	.07	.075
(4)	7.50	10.00	7.50
(5)	45.00	5.00	12.00
(6)	2.50	1.00	.80
(7)	1.25	1.10	1.50
(8)	.50	.60	.65
(9)	4.25	4.40	7.50
(10)	4.55	4.75	5.70

Bids held under advisement.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A. J. Raisch, Lincoln Ave. and San Salvador, at $6,445 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, Court House, San Jose, for the improvement of Borregas Avenue from Maude Avenue to Mountain and Alviso Road, involving 118,500 sq. ft. of oil macadam pavement.

Complete bids follow:

A. J. Raisch, San Jose	$6,445.00
Earl W. Heple, San Jose	6,850.00
Irving Ryder, San Jose	7,245.00
Engineer's estimate	6,440.00

SACRAMENTO COUNTY—Howe Ave. Bridges — (County)

SACRAMENTO COUNTY, Cal.—P. F. Bender, 1012 Del Paso Blvd., Sacramento, at $5706.30 submitted low bid and awarded contract by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento, for the construction of two concrete bridges and one culvert on Howe Ave.

The work involves:

(1) 286 cu. yds. concrete in abutments (6 sack cement);
(2) 4.5 cu. yds. concrete in railing (9 sack cement;
(3) 30,600 lbs. reinforcing steel;
(4) 150 cu. yds. excavation.

Total bids follow:

(A) P. F. Bender, Sacramento, $5,-706.30.
(B) M. A. Jenkins, Sacramento, $5,-871.50.
(C) Carl R. Fiedler, Sacramento, $6545.50.
(D) Holdener Construction Co., Sacramento, $6785.50.
(E) John C. O'Leary, San Francisco, $6888.80.
(F) Peter J. McHugh, San Francisco, $8142.90.
(G) L. C. Seidel, Sacramento, $8,-883.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$13.00	$15.00	$16.75	$17.50	$17.90	$21.00	$22.50
(2)	35.00	40.00	25.00	65.00	44.00	75.00	70.00
(3)	.045	.036	.05	.0425	.044	.049	.055
(4)	1.50	2.00	.75	1.25	1.50	3.00	3.00

MODOC COUNTY—6 mi. GRADE AND TREAT—STATE

MODOC COUNTY, Cal.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $28,407.70 submitted low bid to the State Highway Commission Sacramento, for about six miles grading and applying penetration oil treatment in Modoc County between Juniper Creek and Alturas.

The work involves:

(1) 630 M. gals. water;
(2) 22,000 c.y. rdwy. excav., unclass.
(3) 58,000 sta. yds. overhaul;
(4) 31.500 c.y. imported borrow;
(5) 60 c.y. ditch and channel excav.;
(6) 800 c.y. struc. excav.;
(7) 315 sta. finishing rdwy.;
(8) 118 tons liquid asphalt SC-2;
(9) 80 tons liquid asphalt SC-4;
(10) 470 c.y. sand;
(11) 600 lbs. bar reinf. steel;
(12) 21 c.y. Class A Portland cement concrete (struc.);
(13) 6 c.y. rubble masonry;
(14) 34 l.f. 10-in. CMP;
(15) 530 l.f. 12-in. do;
(16) 14 l.f. 15-in. do;
(17) 94 l.f. 24-in. do;
(18) 392 l.f. 36-in. do;
(19) 12 l.f. 42-in. do;
(20) 76 l.f. 60-in. do;
(21) 22 l.f. CMP, clean and relay;
(22) 38 each culvert markers;
(23) 32 each monuments.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Total bids follow:

(A) Fredericksen & Westbrook, Lower Lake, $28,407.70.
(B) Poulos & McEwen, Sacramento, $29,351.80.
(C) R. R. Carlson, Stockton, $30,-338.50.
(D) Leo F. Piazza, San Jose, $32,-989.96.
(E) Larsen Bros., Sacramento, $34,-399.40.
(F) John G. Chigris, San Francisco, $37,465.20.
(G) J. V. Galbraith and Don A. Canevari, Santa Rosa, $38,423.50.
(H) M.J.B. Const. Co., Stockton, $43,-096.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$1.25	$1.00	$1.25	$2.50	$1.50	$2.00	$2.20	$1.00
(2)	.23	.30	.20	.30	.30	.26	.447	.40
(3)	.01	.01	.005	.01	.02	.01	.008	.02
(4)	.40	.45	.45	.50	.50	.65	.48	.65
(5)	1.70	1.00	.70	1.00	1.00	1.00	1.00	1.20
(6)	1.30	1.00	1.00	1.10	1.10	1.00	1.00	1.20
(7)	5.00	2.00	10.00	6.00	7.00	5.00	5.50	7.00
(8)	20.00	20.00	14.00	18.00	18.00	22.00	17.00	26.80
(9)	23.00	20.00	20.00	22.00	22.00	28.00	20.60	30.60
(10)	2.00	1.25	2.50	1.50	3.00	1.00	2.10	2.50
(11)	.08	.07	.06	.05	.07	.07	.06	.08
(12)	35.00	20.00	27.00	20.00	30.00	27.00	23.00	29.00
(13)	15.00	12.00	14.00	12.80	20.00	20.00	12.00	24.00
(14)	.20	.35	.50	.34	.25	.30	.90	.60
(15)	.20	.35	.75	.34	.25	.30	1.30	.60
(16)	.20	.35	1.00	.34	.30	.40	1.80	.60
(17)	.30	.45	1.25	.34	.30	.60	2.80	.70
(18)	.30	.50	1.50	.34	.50	1.00	4.00	.70
(19)	.40	.75	2.00	.34	.75	1.20	6.00	1.00
(20)	2.00	2.00	3.00	.34	1.50	1.50	12.00	2.90
(21)	1.00	1.00	1.00	.34	.50	.80	2.00	1.50
(22)	3.00	2.00	2.00	2.00	3.00	2.50	2.50	3.60
(23)	3.00	3.00	3.00	2.00	3.00	3.00	3.00	3.50

BIDS WANTED

STATE OF WASHINGTON—Until May 5, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Chelan County: Grading and paving with Portland cement concrete on about 0.7 miles of State Road No. 2, West Sunnyslope, Wilkinson Corner and Monitor Hill Revisions, involving about 54,740 cu. yds. of excavation, 5290 cu. yds. of ballast, 9047 sq. yds. cement concrete pavement, 19,390 lbs. reinforcing steel, 339 lin. ft. pipe culverts and other items.

Whitman County: Clearing, grading and draining about 3.4 miles of State Road No. 8, Colfax South, involving about two acres of clearing, 135,040 cu. yds. excavation, 41 cu. yds. concrete, 3149 lin. ft. cable guard rail design No. 6, 34 M.B.M treated timber and lumber, 1665 lin. ft. pipe culverts and other items.

Whitman, Garfield, Adams and Pend Oreville Counties: Constructing bituminous treated surface on about 110.7 miles of State Roads Nos. 3, 6 and 11, Colfax to Parvin Road; Sec. 2, Colfax North; Sec. 3, Dusty East; Sec. 4, Dusty to Central Ferry; Sec. 5, Dodge to Central Ferry, all on State Road No. 3; Sec. 6, Ritzville to Franklin County Line on State Road No. 11; Sec. 7, Lost Creek to Metaline Falls; Sec. 8, Metaline Falls to B. C. Line, both on State Road No. 6;in Whitman, Garfield, Adams and Pend Oreille Counties, involving about 1894 tons of bituminous cement and other items.

Klickitat County: Constructing a bituminous treated surface on about 26.2 miles of State Road No. 8, Lyle to Maryhill Junction, involving about 431 tons of bituminous cement and other items.

Clallam County: Clearing, grading and surfacing on about 3.8 miles of State Road No. 9, Lake Southerland to Elwah River, involving about three acres clearing, 3530 cu. yds. excavation, 24,400 cu. yds. selected roadway borrow and shoulder material, 6160 cu. yds crushed stone surfacing, 135 lin. ft. pipe culverts and other items.

Okanogan County: Manufacturing and stockpiling mineral aggregates and crushed stone surfacing on State Road No. 10, Brewster to B. C Line, involving about 4310 cu. yds mineral aggregates and 1500 cu. yds crushed stone surfacing.

Pacific and Wahkiakum Counties: Constructing a bituninonus treated surface on about 31.0 miles of State Road No. 12, Sec. 1, South Bend to Palix River; Sec. 2, Greenhead Slough to Bear River; Sec. 3, Johnson's Landing to Grays River Town involving about 1020 tons bituminous cement and other items.

Plans and specifications obtainable from above office upon deposit of $2 per sent.

BIDS WANTED

SAN RAFAEL, Marin Co., Cal.—Until May 4, 8 P. M., bids wil be received by the San Rafael City Council, Eugene W. Smith, City Hall, for the construction of an asphaltic armor coat pavement on "D" St. grade between Wolfe Ave. and the southerly city limits. Cost is estimated at approximately $800.

The work wil involve 36,000 sq. ft. of bitumuls armor coat.

Specifications obtainable from office of City Engineer George A. Steel upon deposit of $2.00.

BIDS WANTED

PALO ALTO, Santa Clara Co., Cal. —Until May 4, 4 P. M., bids will be received by the Palo Alto Board of Public Works, E. L. Beach, City Hall, for paving and sewer construction as follows:

(1) Construction of an asphalt concrete pavement, 10-in. concrete storm sewer with catchbasins on Page Mill Road from El Camino Real to Southern Pacific Railroad.
(2) Construction of an asphaltic concrete pavement on Oregon Ave. from Middlefield Road to Alma Street;
(3) Repaving of Middlefield Road from San Francisquito Creek to Hamilton Ave. with an asphaltic concrete pavement and the construction of concrete gutters, curbs and a 12-n. concrete storm sewer with catchbasins and manhole.
(4) Construction of concrete curb and gutter on north side and the paving with asphaltic concrete of Palo Alto Ave. from Seneca St to Hale St.

The work involves:

(1) 95,000 sq ft. macadam base removal and replacement;
(2) 235,250 sq. ft. roadway excavation and grading;
(3) 3700 cu. yds. crusher or pit-run rock base in place;
(4) 2850 tons asphaltic concrete in place;
(5) 2888 sq. ft. 2-ft. Portland cement concrete cutters;
(6) 1340 lin. ft. concrete curbs;
(7) 460 lin. ft. 12-in. concrete sewer pipe;
(8) 120 lin. ft. 10-in. concrete sewer pipe;
(9) One brick manhole;
(10) 5 storm water inlets.

Plans and specifications obtainable from the City Engineer's office upon deposit of $5.

Work shall be completed within 120 calendar days after date of final approval by the PWA.

The PWA has recently approved a grant of $16,579 to the City to aid in financing the work. Total cost is estimated at $36,843, of which amount $17,512 will be contributed from State gasoline tax funds and $2,752 from the municipal treasury.

BIDS WANTED

ELKO COUNTY, Nev. — Until May 13, 2 P. M. (date postponed from May 6, previously reported) bids will be received by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for approximately 8.16 miles grading & surfacing with crusher run base or gravel in Elko County between 15 miles north of Elko and Dinner Station.

The work involves:

(1) 63 acres clearing and grubbing;
(2) 4,460 l.f. remove fence;
(3) 70,100 c.y. roadway excavation;
(4) 115,060 sta. yds. overhaul;
(5) 26,935 c.y. select borrow;
(6) 380 c.y. structure excavation;
(7) 8.16 miles subgrade;
(8) 8.16 miles finishing roadway;
(9) 31,400 tons crush. gravel or stone surfacing;
(10) 248 c.y. Class A concrete;
(11) 47 c.y. Class B concrete;
(12) 26,270 lbs. reinforcing steel;
(13) 332 l.f. 18-in. CMP;
(14) 80 l.f. 24-in. CMP;
(15) 41 each, monuments;
(16) 2,928 l.f. construct fence;
(17) 3,925 l.f. reconstruct fence.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

Funds in the sum of $120,000 have been programmed for this project.

BIDS WANTED

MODOC COUNTY, Cal.—Until May 13, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for applying seal coat on about 32.9 miles and applying oil treatment to portions, in Modoc County, between Hot Creek and Cedarville Mountain, and between southerly boundary and Alturas.

The work involves:

(1) 83 tons liquid asphalt SC-4 (Location A);
(2) 502 cu. yds. lava cinders (Location A);
(3) 110 tons liquid asphalt 90-95 (Location B);
(4) 1095 cu. yds. screenings (Location B);
(5) 260 tons liquid asphalt SC-4 (oil treatment, Location C);
(6) 87 tons liquid asphalt SC-4 (seal coat, Location C);
(7) 1060 cu. yds. sand (seal coat, Location C).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

CONTRACTS AWARDED

STATE OF OREGON — Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, April 17, and action taken as follows:

Columbia County — Mist-Pittsburg Section of Nehalem Secondary Highway, 11.16 mi. crush. rock resurfacing; also the furnishing of crushed rock in stockpile. Requires approx. 5000 c.y. crushed rock surfacing materials and 5,700 cu. yds. crushed rock in stockpile. This project may be bid in combination with Mist Pittsburg Oiling Project in Columbia County.

Awarded Saxton & Looney and J. S. Risley, Broadway Bldg., Portland, $27,194.

Columbia County — Mist-Pittsburg Section of Nehalem Secondary Highway and Mist-Clatskanie Secondary Highway. 11.61 miles oil mat surface treatment. This project may be bid in combination with Mist-Pittsburg Resurfacing Project in Columbia Co.

Awarded: Babler Bros., 2407 N.W. 28th St., Portland, $24,052 (tar).

Multnomah County—Vancouver Avenue Extension, Columbia Boulevard to Union Avenue, in the City of Portland. 0.48 mile paving. Requires approximately 4,600 cu. yds. excavation; 500 cu. yds. gravel borrow; 2,300 lin. ft. cable guard fence; 2,550 cu. yds. pit-run and crushed gravel; 6,000 sq. yds. Portland cement concrete pavement and 1,800 sq. yds. asphaltic concrete pavement.

Low bidder: Harold Blake, 400 N. Thompson St., Portland, $21,376. Bids referred to the engineer with power to award contract.

Union County—Hot Lake-La Grande Section of Old Oregon Trail. 5.19 miles windbreak planting. Requires approximately 2,800 willow trees and 1,600 rods barbed wire fence.

Awarded: Hart Constr. Co., La Grande, $3742.

Union and Wallowa Counties—Elgin-Rock Creek Section of Wallowa Lake Highway. 22.49 miles oil mat surface treatment.

Awarded: Harold Blake, 400 N. Thompson St., Portland, $33,675.

Wasco County — Threemile Creek-Eightmile Creek Section of the Dalles-Dufur County Road. 6.0 miles crushed rock surfacing. Requires approximately 7,700 cu. yds. crushed rock surfacing materials.

Low bidder: Hart Constr. Co., La Grande, $16,550. Bids referred to the

engineer with power to award contract.

Washington County — Balm Grove-Forest Grove Section of Gales Creek County Road. 1.25 miles grading, 1.25 miles surfacing, 5.79 miles resurfacing, and 7.05 miles oil mat surface treatment. Requires approximately 17,000 cu. yds. excavation; 3,500 cu. yds. gravel subbase materials; 6,700 cu. yds. crushed gravel for base and shoulders; and 74,000 sq. yds. oil mat surface treatment.

Lowk bidder: Saxton & Looney and J. S. Risley, Broadway Bldg., Portland, and J. C. Compton, McMinnville, $56,483 (tar).

CONTRACTS AWARDED

STATE OF OREGON. — Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, April 16 and action taken as follows:

Coos County—Myrtle Point-Bandon Rock Production Project, State Project. Furnish approximately 7,200 cu. yds. crushed gravel or crushed rock in stockpile.

Bids rejected.

Douglas County—Reedsport-Wilson Ranch Section of Umpqua Highway. State Project. 8.0 miles grade widening, crushed gravel surfacing and oil mat surface treatment. Requires approximately 6,000 cu. yds. excavation; 19,000 cu. yds. crushed gravel; and 84,500 sq. yds. oil mat surface treatment.

Awarded: Warren Northwest, Inc., Parkrose, Portland, $63,755.

Jefferson County — Agency Plains-Madras Section of Warm Springs Highway. 6.83 miles grading, requiring approximately 220,000 cu. yds. excavation.

Awarded: James Crick, Realty Bldg. Spokane, $57,285.

Lincoln County—Approaches to Yaquina Bay Bridge on Oregon Coast Highway. 0.64 mile grading, 0.56 mile bituminous macadam surfacing, and furnishing crushed rock in stockpile. Requires approximately 42,000 cu. yds. excavation; 48,000 cu. yds. special borrow materials; 850 lin. ft. concrete curb; 375 cu. yds. Class "D" concrete; 46,000 lbs. metal reinforcement; 2350 cu. yds. rock subbase materials; 2,900 cu. yds. crushed rock surfacing materials; 7,200 sq. yds. bituminous macadam wearing surface, and 4,500 cu. yds. crushed rock in stockpile. This project must be bid in combination with the Toledo-Simpson Creek project in Lincoln County.

Awarded: Consolidated Highway Co. Henry Bldg., Portland, $75,767.

Lincoln County — Toledo - Simpson Creek Section of Corvallis-Newport Highway. 1.5 miles grading and 6.2 miles of surfacing and oil mat surface treatment; also furnishing crushed material in stockpile. Requires approximately 162,000 cu. yds. excavation; 5,200 cu. yds. subbase materials; 8,000 cu. yds. base and surfacing materials; 67,000 sq. yds. oil mat surface treatment; and 1,100 cu. yds. crushed material in stockpile. This project must be bid in combination with the approaches to Yaquina Bay Project in Lincoln County.

Awarded: Consolidated Highway Co. Henry Bldg., Portland, $104,394 (road oil).

Multnomah County—Columbia County Line-Portland Section of Columbia River Highway. 3.46 miles regrading and paving. Requires approximately 48,000 cu. yds. excavation; 5,000 cu. yds. rock base materials; 8,200 cu. yds. crushed rock or crushed gravel shoulder materials; and 41,000 sq. yds. Portland cement concrete pavement.

Awarded: Theo. Arenz and Oregon Contr. Co., 10509 NE Sandy, Portland, $116,734.

Multnomah County—162nd Avenue-Gresham Road Section of Glisan St. 1.99 miles asphaltic concrete paving; requiring approximately 4,500 cu. yds. pit-run gravel subbase materials; 3,300 cu. yds. crushed gravel base shoulder and footpath materials; 35 cu. yds. Class "D" concrete; 5,000 lbs. metal reinforcement; and 23,500 sq. yds. asphaltic concrete pavement.

Awarded: Jacobsen-Jensen Co., 517 NE Stanton, Portland, $31,749.

Umatilla County—East Unit, Stanfield-Pendleton Hill Section of the Old Oregon Trail. 7.56 miles grading, requiring approximately 153,000 cu. yds. excavation and 21,000 cu. yds. pit-run gravel topping materials.

Low Bidder: James Crick, Realty Bldg., Spokane, $81,930; bids referred to the engineer with power to award contract.

Wheeler County—Unit No. 1, Chichister Gulch - Summit Section of Shaniko-Fossil Secondary Highway. State Project. 0.67 mile grading and 1.25 miles roadbed topping. Requires approximately 3,200 cu. yds. excavation and 1,500 cu. yds. talus rock roadbed topping. This project may be bid in combination with Unit No. 2, Chichester Gulch-Summit Project in Wheeler County.

Bids rejected. Low bid submitted by Portland Sand & Gravel Co., S E Division, Portland, at $4,073.

Wheeler County—Unit No. 2, Chichester Gulch-Summit Section of Shaniko-Fossil Secondary Highway. 0.58 mile grading. Requires approximately 13,000 cu. yds. excavation. This project may be bid in combination with Unit No. 1, Chichester Gulch-Summit Project in Wheeler County.

Bids rejected. Low bid submitted by Portland Sand & Gravel Co., S E Division, Portland, at $12,043.

BIDS WANTED

OAKLAND, Cal.—Until May 4 4:30 P. M., as previously reported, bids will be received by City of Oakland Port Commission, A. H. Abel, Secretary, for paving roadways leading to the 504-ft. extension at Outer Harbor Terminal, including approximately 5000 cu. yds. grading and excavation.

The work involves:

(1) Grading and preparation of subgrade for placing oil macadam pavement on road and area between bulkhead wall and rear retaining wall;
(2) Installation of drainage system.
(3) Asphaltic concrete pavement on apron wharf of 504 ft. extension to Outer Harbor terminal wharf
(4) Placing 10-in. oil macadam pavement on Wharf Street from Terminal St. to Maritime St.;
(5) Constructing 30-ft. roadway at east end of paved area in rear of wharf and on the ramp and crossings leading to the ramp;
(6) Placing an 8-inch oil macadam pavement on area between concrete bulkhead wall and rear retaining wall;

Bids will be taken as follows:

(a) Lump sum, grading and preparation of subgrade for placing of 10-in and 8-in. oil macadam pavement;
(b) Lump sum, furnishing oil materials and labor for installing drainage system, including manholes and furnishing and placing of rock over drain, including all excavation and backfill for drain;
(c) 200 tons asphaltic binder for base course on apron wharf, including laying and rolling of base course and incidentals in order to provide a finished base course ready for placing of surface mixture price ter ton;
(d) 100 tons asphaltic surface mixture in place on apron wharf, including spreading and rolling and all incidental work to produce finished surface, price per ton;
(e) 13,000 tons crusher run crushed rock in place in base course for oil macadam pavement, including incidentals in connection with production of a finished base course ready for final oil macadam surface, price per ton;
(f) 3500 tons macadam rock in place for wearing surface of oil macadam pavement, price per ton.
(g) 650 tons screenings for oil macadam surface, price per ton.
(h) 650 tons birdseye for finished surface and oil macadam pavement.
(i) 1000 bbls asphaltic road oil, including furnishing, hauling, heating and applying to pavement surface and all incidental work.

Plans and specifications obtainable from the above office upon deposit of $25.

BIDS WANTED

YOLO AND COLUSA COUNTIES, Cal.—Until May 13, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 10.3 miles grading and surfacing with plant-mixed surfacing, medium curing type, in Yolo and Colusa Counties, between Dunnigan and Arbuckle.

The work involves:

(1) 1600 M. gals. water;
(2) 23,000 cu. yds. roadway excavation unclass.;
(3) 2600 cu. yds. struc. excav.;
(4) 430 cu. yds. ditch and channel excavation;
(5) 33,400 cu. yds. imported borrow;
(6) 242,500 station yds. overhaul;
(7) 900 cu. yds. exist. conc. pave. removed and disposed of;
(8) 255 cu. yds. exist. conc. strucs. and building foundations removed and disposed of;
(9) 536 sta. finishing roadway;
(10) 13,400 cu. yds. pit run gravel base
(11) 62 tons liquid asph. SC-2 (prime coat);
(12) 22,400 tons mineral aggregate (plant-mixed surfacing);
(13) 1120 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surface);
(14) 840 tons stone screenings (seal coat);
(15) 92 tons liquid asphalt MC-3 (seal coat);
(16) 89,000 sq. yds. emulsified asph. paint binder;
(17) 825 cu. yds. Class A Portland cement concrete (strucs.);
(18) 86,000 lbs. bar reinf. steel;
(19) 6200 lbs. struc. steel;
(20) 28 lin. ft. 8-in. CMP;
(21) 568 lin. ft. 12-in. CMP;
(22) 388 lin. ft. 18-in. CMP;
(23) 172 lin. ft. 24-in. CMP;
(24) 46 lin. ft. 30-in. CMP;
(25) 50 lin. ft. exist. pipe culverts removed, cleaned and relaid;
(26) 350 lin. ft. exist. pipe culverts removed, cleaned and salvaged;
(27) 27 each move and reset headwalls;
(28) 2 each spillway assemblies;
(29) 2 each 18-in. automatic drainage gates;
(30) 3 each cast steel frames and covers for drop inlets;
(31) 160 l.f. laminated guard railing; railing;
(32) 1060 lin. ft. exist. guard railing removed and salvaged;
(33) 53 each culvert markers;
(34) 15 each guide posts;
(35) 1.6 mile property fences moved and reset;
(36) 3 each drive gates;
(37) 234 lin. ft. timber railing;

(38) 39 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Marysville.

BIDS WANTED

YOLO COUNTY, Cal.—Until May 13 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.5 miles grading and paving with asphalt concrete in Yolo County between the Yolo causeway and the M Street Subway.

The work involves:

(1) 3,000 M. gals. water;
(2) 22,000 c.y. rdwy. excav., unclass.
(3) 30,000 sta. yds. overhaul;
(4) 1,850 c.y. struc. excav.;
(5) 51,000 c.y. imported borrow;
(6) 780 c.y. remove concrete (pave. and struc.);
(7) 3.55 miles grading (detour road);
(8) 37,000 sq. yds. preparing subgrade for pave.;
(9) 188 sta. finishing rdwy.;
(10) 7,600 tons untreated crush. gravel or stone surfacing (detour);
(11) 4,200 c.y. salvaged surf. (borders and road approaches);
(12) 112 tons liquid asphalt SC-2 (penetration oil treatment);
(13) 190 tons sand (do);
(14) 18 tons liquid asphalt 90-95 (seal coat);
(15) 210 tons screenings (seal coat);
(16) 28,000 sq. yds. asphaltic paint binder;
(17) 16,150 tons asphalt concrete (base and leveling course);
(18) 7,340 tons asphalt concrete (type A surface course);
(19) 2,800 lbs. bar reinf. steel (struc.)
(20) 55 c.y. Class A Portland cement concrete (struc.);
(21) 20 each cast steel frames and covers for drop inlets;
(22) 8 l.f. 12-in. CMP;
(23) 2,618 l.f. 18-in. CMP;
(24) 116 l.f. 36-in. CMP;
(25) 139 l.f. cleaning and relaying existing CMP culverts;
(26) 246 l.f. cleaning and salvaging existing CMP culverts;
(27) 4 each removing and resetting headwalls;
(28) 120 l.f. laminated guard railing;
(29) 10 each culvert markers;
(30) 16 each guide posts;
(31) 10 each removing and resetting guide posts;
(32) 41 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

STOCKTON, San Joaquin Co., Cal. —Until April 29, 5 P. M. (to be opened at 8 P. M.) bids will be received by the Stockton City Council, B. L. Trahern, City Clerk, for the construction of a storm water sewer in South Tuxedo Avenue from Lakeside to Pershing St. Estimated cost, $3,500.

The work involves:

(1) 466 l.f. 8-in. precast concrete sewer pipe;
(2) 465 l.f. 10-in. do;
(3) 288 l.f. 12-in. do;
(4) 265 l.f. 14-in. do;
(5) 564 l.f. 16-in. do;
(6) 24 l.f. 21-in. do;
(7) 253 l.f. 24-in. do;
(8) One 24-in. dia. drainage gate complete with 2 l.f. of 24-in., 16-ga. galv. corrugated iron pipe;
(9) 12 concrete catchbasins;
(10) 3 4-ft. dia. brick manholes;
(11) 4 5-ft. diameter brick manholes.

Plans and specifications obtainable from the office of City Engineer Lyle Payton, upon deposit of $5.00.

BIDS WANTED

STOCKTON, San Joaquin Co., Cal. —Until April 29, 5 P. M. (to be opened at 8 P. M.) bids will be received by the Stockton City Council, B. L. Trahern, City Clerk, for the construction of a storm water eswer in Oxford Way and Manchester Ave. Estimated cost $3,500.

The work involves:

(1) 532 l.f. 8-in. precast concrete sewer pipe;
(2) 520 l.f. 10-in. do;
(3) 260 l.f. 12-in. do;
(4) 178 l.f. 21-in. do;
(5) 392½ l.f. 24-in. do;
(6) 14 concrete catchbasins;
(7) 3 4-ft. diameter brick manholes;
(8) One 5-ft. diameter brick manhole.

Plans and specifications obtainable from the office of City Engineer Lyle Payton, upon deposit of $5.00.

BIDS WANTED

MONTEREY PARK, Los Angeles Co., Cal.—Until May 4, 7 P. M. (to be opened at 7:30 P. M.) bids will be received by the Monterey Park City Council for the construction of pumping plant and intake and discharge lines for sanitary sewer system located within and outside the city limits of Monterey Park.

The work involves:

1) Pumping plant complete from junction chamber at northwest corner of pump house to end of flanged pipe on discharge line, and also including graveling of roads and walks;
(2) 200 ft. 6-in. vitrified clay pipe, standard strength, including bends for house connections;
(3) 1418 ft. 8-in. vitrified clay pipe, extra strength;
(4) 132 ft. 12-in. vitrified clay pipe, extra strength;
(5) 18 8x6-in. wye branches only;
(6) 4 manholes;
(7) 1245 ft. 8-in. Class B or Class 150 cast iron pipe, including fittings
(8) 60 ft. 4-in. Class B or Class 150 cast iron pipe, including fittings
(9) 90 ft. 2-in. galvanized iron pipe, including fittings;
(10) 1 12-in. automatic drainage gate.

Plans and secifications obtainable from the engineers, Koebig & Koebig, 458 S. Spring St., Room 821, Los Angeles, upon deposit of $25, of which amount $10 will be returnable.

BONDS VOTED

MENLO PARK, San Mateo Co., Calif.—A proposal to issue $28,000 in bonds to aid in financing construction of sanitary sewers carried at a special election in the Menlo Park Sanitary District, April 20, by a vote of 58 to 3. Total cost of the construction of a sanitary sewer system to connect with the present Menlo Park outfall into the bay is estimated at $108,000. Application will be filed with the WPA for the balance of the cost.

awrence H. Cook, Alameda de las Pulgas, Menlo Park, is secretary of the District.

Preliminary surveys and estimates were prepared by engineer Bert Mehl, 1372 Highway, Menlo Park.

33— WATER WORKS

BONDS VOTED

WOODLAKE, Tulare Co., Calif.—A proposal to issue $32,000 in bonds to finance construction of a new water system carried at a special election April 15 by a vote of 288 to 21.

Lester H. Gadsby, 714 N Willis St., Visalia, engineer.

BIDS WANTED

SAN FRANCISCO, Calif. — Until May 6, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,906, for installing the Mission District Extension to the AWSS for Fire Protection, a PWA project. Estimated cost, $60,000.

The work involves:

Cast Iron Pipe and Special Castings in Place:

(1) 24 lin.ft. 18-in. Cl. G bell and spigot, plain.
(2) 336 lin.ft. 16-in. Cl. H, bell and spigot, plain.
(3) 120 lin.ft. 16-in. Cl. H bell and spigot, lugged.
(4) 3850 lin.ft. 16-in. Cl. G bell and spigot, plain.
(5) 456 lin.ft. 16-in. Cl. G bell and spigot, lugged.
(6) 1368 lin.ft. 12-in. Cl. H bell and spigot, lugged
(7) 289 lin.ft. 12-n. Cl. G bell and spigot, plain.
(8) 204 lin.ft. 12-in. Cl. G bell and spigot, lugged.
(9) 818 lin.ft. 12-in. Cl. F bell and spigot, plain.
(10) 406 lin. ft. 12-in. Cl. F bell and spigot, lugged.
(11) 303 lin. ft. 8-in. Cl. G bell and spigot, lugged.

NOTE—Items 1 to 11 inclusive, cast iron pipe and part of the special castings, will be furnished by the City. Such special castings as the City does not have in stock shall be furnished by the Contractor as hereinafter called for.

(12) 5 14-in. gate valves, with head gear and 3-in. by-pass valve, furnished, tested and delivered.
(13) 7 10-in. gate valves, furnished, tested and delivered.
(14) 12 8-in. gate valves, furnished, tested and delivered.

NOTE—Items 12, 13, 14, all materials furnished by the contractor.

(15) 10 14-in. gate valves, in place.
(16) 6 10-in. gate valves, in place.
(17) 21 8-in. gate valves, in place.
(18) 21 Std. H. P. Hydrants, in place.

NOTE—Under Items 15 to 18 inclusive some 14-in., 10-in. and 8-in. gate valves shall be furnished by the contractor under Items 12, 13 and 14. Balance of gate valves and all the hydrants will be furnished by the City.

(19) 43,600 lbs. pig lead, furnished and delivered.
(20) 17,900 lbs. cast steel spec. castings, furnished and delivered.
(21) 68,200 lbs. cast iron special castings, furnished and delivered.
(22) 16,400 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed.
(23) 22,300 lbs. wrot iron bolts, nuts and washers, furnished and placed.
(24) 4,800 lbs. reinforcing steel furnished and placed.
(25) 56 cu.yds. Class B concrete, in place.
(26) 5200 cu.yds. excavation and backfill.
(27) 17,600 sq.ft. asphalt - concrete pavement (1½-in. to 1½-in. to 8-in.) Cl. F concrete.
(28) 500 sq.ft. asphaltic concrete wearing surface (2-in. thick).
(29) 4200 sq.ft. concrete pavement, consisting of Class E concrete, 6-in. thick.
(30) 1550 sq.ft. basalt block pavement on a 5-in. deep sand base.
(31) 800 sq.ft. red brick pavement, on Class F concrete base 6-in. thick.
(32) 420 sq.ft. concrete sidewalks one course.
(33) 5 cu.yds. crushed rock furnished and placed.
(34) 33 tons B & S or D.S. pipe without lugs, in classes G and H

and nominal diameters of 8-in. to 20-in. incl.

(35) 5 tons B & S or D.S. pipe with lugs. In classes G and H and nominal diameters of 8-in to 20 in. inclusive.

NOTE—Items 18 to 35 inclusive, all materials, including pipe, shall be furnished by the contractor.

(36) 62 lengths 12-in. C.I. B & S "Red Head" pipe, cleaned and painted.

NOTE — Item 36 pipe will be furnished by the City.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

SAN FERNANDO, Los Angeles Co., Calif.—Peterson Bros., Inglewood, at $435 awarded contract by Treasury Department for seeding and planting grounds at the U. S. post office, Inglewood.

CONTRACT AWARDED

HOOD RIVER, Oregon—Geo. Haslinger, 1006 Null St., Hood River, Ore. at $225 awarded contract by Treasury Department for planting and seeding grounds at the U. S. Post Office, Hood River.

CONTRACT AWARDED

PROSSER, Wash.—R. L. Gardner Nursery, Yakima, at $573, awarded contract by Treasury Department for seeding and planting grounds at the U. S. post office, Prosser.

BIDS WANTED

AMADOR COUNTY, Calif. — Until April 27, 3 P. M., bids will be received by the Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for the construction of a fence at the State Highway Maintenance Station at Ione, Amador County.

The work involves:

(1) 1881 l.f. industrial fence in place;
(2) 3 14-ft. double gates in place;
(3) 1 12-ft. single gate in place;
(4) 1 3-ft. single gate in place;
(5) 469 l.f. lawn fence in place.

Plans and specifications obtainable from the above office.

BIDS WANTED

SAN RAFAEL, Marin Co., Cal.—Until May 4, 8 P. M., bids wil be received by the San Rafael City Council, Eugene W. Smith, City Hall, for the improvement of two tennis courts and construction of fencing around courts in Gerstle Park and Boyd Park. Estimated cost, $1400.

The work will include 11,000 sq. ft. of resurfacing.

Specifications obtainable from office of City Engineer George A. Steel upon deposit of $3.00.

BIDS REJECTED

HOLLISTER, San Benito Co., Cal.—Treasury Department rejected all bids for planting and seeding grounds at the U. S. Post Office, Hollister. On bid opening H. C. Petersen, Gilroy, submittel lowest bid.

BIDS WANTED

DEL NORTE COUNTY, Cal.—Until May 6, 2 P. M., bids will be received by the Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Ave., Eureka, for construction of a rubble masonry fountain on Redwood Highway, about 2.4 miles west of Patricks Creek, in Del Norte County.

Plans and specifications obtainable from the above office.

BIDS REJECTED

SANTA CRUZ, Santa Cruz Co., Cal.—All bids received by the Santa Cruz City Council for furnishing two steel filter tanks and equipment for the Crossing Street pumping plant have been rejected and the equipment will be bought in the open market.

Berkeley Steel Const. Co., Inc., Second and Camelia Sts., Berkeley, submitted low bid at $1,598.

BIDS OPENED

SAN BERNARDINO COUNTY, Cal.—Peterson Bros., 239 W. Olive St., Inglewood, at $6607.16 submitted low bid to the Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, for landscaping about 1.9 miles highway roadsides in San Bernardino County, between Alabama St. and State St.

The work involves:

(1) 5853 plants;
(2) 9579 lin. ft. various sizes galv. iron pipe;
(3) 10 water meters, various sizes.

Complete bids follow:

Peterson Bros., Inglewood, $6607.16
S. A. Cummings, San Diego, $6816.42
Matich Bros., Elsinore, $13,342.70.

BIDS WANTED

SAN FRANCISCO COUNTY, Cal.—Until May 13, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for furnishing and planting various varieties of trees and shrubs, grading and planting lawn and furnishing and installing a water system at the Fifth Street Plaza in San Francisco.

The work involves:

(1) 18 each key No. 1 plants;
(2) 52 each key No. 2 plants;
(3) 40 each key No. 3 plants;
(4) 12 each key No. 4 plants;
(5) 14 each key No. 5 plants;
(6) 8 each key No. 6 plants;
(7) 92 each key No. 7 plants;
(8) 2 each key No. 8 plants;
(9) 14 each key No. 9 plants;
(10) 8 each key No. 10 plants;
(11) 4 each key No. 11 plants;
(12) 170 each key No. 12 plants;
(13) 10 each key No. 13 plants;
(14) 8 each key No. 14 plants;
(15) 288 each key No. 15 plants;
(16) 4 each key No. 16 plants;
(17) 8 each key No. 17 plants;
(18) 196 each key No. 18 plants;
(19) 2 each key No. 19 plants;
(20) 4 each key No. 20 plants;
(21) 2 each key No. 21 plants;
(22) 6 each key No. 22 plants;
(23) 22 each key No. 23 plants;
(24) 2 each key No. 24 plants;
(25) 2 each key No. 25 plants;
(26) 2 each key No. 26 plants;
(27) 135 each key No. 27 plants;
(28) 3 each key No. 28 plants;
(29) 64,000 sq. ft. lawn;
(30) 39 ea. ¾-in. street washer boxes;
(31) 460 l.f. 1½-in. galv. iron pipe;
(32) 635 l.f. 1-in. do;
(33) 650 l.f. ¾-in. do;
(34) 2 each master sprinklers;
(35) 12 ea. quick coupling valve heads
(36) 90 each ¾-in. sprinkler heads.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Engineer in San Francisco and Los Angeles.

COMPLETE BID LISTING

KERN, Tulare and Fresno Counties, Cal.—Rexroth & Rexroth, 2110 C, Station A, Bakersfield, at $9,798.40 submitted low bid to the Division of Highway, R. M. Gillis, District Engineer, Fresno, for landscaping highway roadsides on about 32.6 mi. in Kern, Tulare & Fresno Counties, bet. Greenfield and Pierce Rd.; between Bush St. in Tulare and the south city limits of Kingsburg, and between Highland Avenue and the north city limits of Fowler.

The work involves:

(1) 92 Eucalyptus viminalis;
(2) 1,010 Eucalyptus polyanthema;
(3) 30 Eucalyptus rudis;
(4) 23 Oleanders;
(5) 100 Eucalyptus rostrata;
(6) 37 American elms;
(7) 143 Oleanders;
(8) 177 Cork oak;
(9) 113 Valley oak;
(10) 110 Live oak;
(11) 175 Balm of Gilead;
(12) 675 Eucalyptus rostrata;
(13) 111 Plane trees;
(14) 200 Black locusts;
(15) 70 Pistachio trees;
(16) 228 Oleanders.

Total bids follow:

(A) Rexroth & Rexroth, Bakersfield, $9,798.40.
(B) Leonard J. Coates Nurseries, Inc. San Jose, $12,992.50.
(C) California Nursery Co., Niles, $17,952.10.

Unit bids follow:

	(A)	(B)	(C)
(1)	$3.00	$3.90	$5.60
(2)	2.60	3.90	5.00
(3)	2.50	3.90	5.60
(4)	2.60	1.75	4.80
(5)	2.60	3.90	5.50
(6)	3.00	4.90	5.85
(7)	2.60	1.75	4.80
(8)	5.00	4.90	6.35
(9)	5.00	4.90	6.05
(10)	5.00	4.90	6.35
(11)	3.00	4.90	5.75
(12)	2.60	3.90	5.60
(13)	3.00	4.90	5.90
(14)	3.00	4.90	5.90
(15)	3.00	4.90	6.20
(16)	2.60	1.75	4.80

35— TUNNELS

BIDS OPENED

MULTNOMAH COUNTY, Oregon—Orino, Birkemeier & Saremal, Bonneville, at $196,947 submitted low bid to the Bureau of Public Works, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for the construction of the Columbia River Highway grading and tunnel project No. 28-A, National Forest Road Project, located within the Mt. Hood National Forest, Multnomah County.

The length of the project is approximately 0.028 mile grading; 0.158 mile tunnel; 0.145 mile haul road; 0.182 mile paving, and the principal items of work involved are:

(1) 4 acres clearing;
(2) 3 acres grubbing;
(3) 35,700 c.y. unclassified excavation
(4) 14,000 c.y. mile overhaul;
(5) 837 l.f. tunnel excavation;
(6) 70 MFBM untreated timber;
(7) 2,830 c.y. Class D concrete;
(8) 186,000 lbs. reinforcing steel;
(9) 320 c.y. cement rubble masonry;
(10) 800 l.f. corrugated galv. metal pipe;
(11) 860 l.f. 8-in. porous tile underdrain;
(12) 240 sq. yds. 6-in. cement rubble tunnel and girder facing;
(13) 90 c.y. arch ring stone and pylon masonry;
(14) 2,680 sq. yds. cement concrete paving;
(15) Lump sum, lighting system complete;
(16) Lump sum, extra and miscellaneous force account items.

Complete total bids follow:

Orino, Birkemeier & Saremal, Bonneville, $196,947.
Colonial Const. Co., Spokane, $213,466. $213, 466.
Malcom & Bell, Portland, $235,433.
P. L. Crooks, Portland, $249,840.
Joplin & Eldon, Portland, $256,040.
Morrison-Knudsen Co., Boise, $360,-187.

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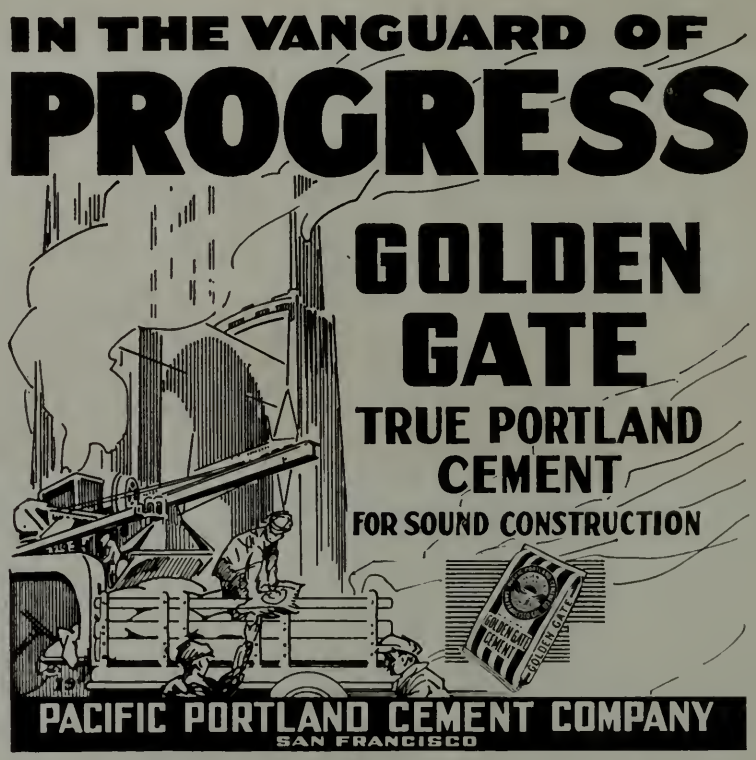

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STATE RELEASES CONTRACTS ON EIGHT PROJECTS

Bids Opening May 20 For Three Northern California Jobs

SACRAMENTO, April 28.—Bids were called for today by the State Division of Highways on eight contracts, proposals to be received in Sacramento, May 20 and in Los Angeles, May 21.

Bids on the following will be taken in Sacramento:

Plumas County: Grading and applying penetration oil treatment on 5.6 miles between four miles east of Beckwourth Pass and Ede's Ranch

Mono County. Grading and surfacing with bituminous treated selected material between two miles south of Rush Creek and two miles north of Leevining

Tulare County. Applying road-mix surface treatment to shoulders on 24.6 miles and surfacing portions of existing pavement with armor coat, between the westerly boundary and four miles east, between Yettem and Lemon Cove.

Bids on the following will be taken in Los Angeles:

Orange County. Widening portland cement concrete pavement for about 9.8 miles between Seal Beach and Newport Beach.

Ventura County. Grading and paving with asphalt concrete and portland cement concrete, the roads within the Camarillo State Hospital grounds.

Los Angeles County. Constructing shoulders of plant-mixed surfacing on bituminous macadam on about 6.8 miles between Castaic School and Piru Creek.

Riverside County. Grading and paving with portland cement concrete about 1.3 miles west of Indio.

San Bernardino and Riverside Counties. Surfacing with plant-mixed surfacing and applying seal coat for about 19.4 miles at various locations.

Steel locker shipments amounted to $387,305 during January and February, the Bureau of the Census reports, as compared with $194,637 during the corresponding period last year.

Month's Residential Building $949,190; Awards Set Five-Year Record In City

With residential building at the highest level in five years, San Francisco's permit total in April was the best for the first four months this year, according to figures issued last night by S. J. Rosenblum, head clerk of the Central Permit Bureau.

The bureau issued 727 permits last month with a total value of $1,516,900.

The total includes 217 permits for frame structures, valued at $949,190. It is the best month for this type of work since April of 1931, when permits of the same class numbered 263 and were valued at $1,075,323. It is the only month since then when they have approached the million-dollar mark.

The April permits bring the year's total to date to $4,606,761, compared with $3,301,600 for the first four months of 1935. In the same period 2402 permits have been issued compared with 1934 last year.

Building permits last month were nearly double the value of March. Of the April total only one permit valued at $66,190, was for publicly-financed construction.

Comparative totals in each classification for April, 1936, and April, 1935, follow:

	April, 1936		April, 1935	
Class	No. of P'mts	Est. Cost	No. of P'mts	Est. Cost
A	1	$ 60,000	3	$ 17,000
B	....	.....	1	3,500
C	6	17,000	6	38,600
Frames	217	949,190	76	298,825
Alter.	502	424,520	480	202,909
Public	1	66,190	4	108,081
Total	727	$1,516,900	570	$668,915

APPRAISAL MANUAL OF FHA AVAILABLE

The "Underwriting Manual" of the Federal Housing Administration, with revisions to April 1 has been published by the Government Printing Office as FHA Form No. 2049.

The contents are divided into two parts, Underwriting Methods (Part I) and Risk Rating Instructions (Part II). The manual is prepared particularly for the staff of the administration engaged in appraising properties offered for mortgage insurance under Title II of the National Housing Act, but is available to interested individuals.

PWA PROFITS $20,744,000 ON BOND SALES

Securities Posted For Loans Bring Revenue Into Revolving Fund

Through sales made recently by the Reconstruction Finance Corp. of municipal and railroad bonds accepted by the Public Works Administration as security for loans, PWA has increased its bond sales profits and interest collections total to $20,744,194.

The profit from the bond sales alone brings the total thus far accrued from Reconstruction Finance Corporation transactions to $7,148-677, according to the report. This, added to $13 595,517, interest collected from bonds by PWA up to April 23, represents a total of $20,-744,194.

Profit from the bond sales goes into the PWA revolving fund and is available for making loans to expand the employment creating PWA program. The law authorizing the revolving fund requires that it shall be used only for loans. Grants, when made, must come from other sources.

The interest paid to PWA by municipalities and other political subdivisions must be paid into the Treasury.

PWA has purchased bonds costing $524,196,475. Of these PWA has sold to RFC, which resells to the investing public, a total of $390,276,059.

CITY REVISES PUBLIC WORKS WAGE SCALE

Increases Granted; New Sections Added To Prevailing Rate Resolution

Revised wage scales in some classifications are incorporated in a new resolution adopted by the San Francisco Board of Supervisors establishing rates to be paid by private contractors on city and county public works. The resolution also establishes wages to be paid in the gunite industry as a separate division and adds a shop scale to be paid in the furniture trades.

Increases in the building trades scales are: Carpenters, cabinet makers, hardwood floormen, and cement finishers $1.10 to $1.125; Elevator constructors $1.25 to $1.30 helpers $0.875 to $0.91; Marble setters $1.10 to $1.125; Tilesetters $1.10 to $1.25.

In the street work division, asphalt plant engineers, roller engineers, trench machine, dragline, and clamshell operators and engineers on asphalt burners, finishers, concrete mixers and mechanical finishers are increased from $1.25 an hour to $1.43. A classification for engineers on caterpillar (over 50-h.p.) has been added at at rate of $1.125.

Only changes in the metal trades are an increase for boilermakers on field work from $1.10 to $1.375 an hour and for boilermakers helpers from $.90 to $1.10.

Following is the scale established for the gunite industry:

Nozzlemen	$1.25
Rodmen	1.25
Fnishers	1.25
Ground wiremen	1.25
Rebound men	.75
Gunmen	.90
Mixermen	.87½

Not less than $1.10 per hour shall be paid to skilled labor on any work financed in whole or in part by federal funds, regardless of the rate herein fixed as the highest generally prevailing.

Following is the scale established for the furniture trades:

	Per 8-hr. day
Carpet layers, cutters and measurers	$8.00
Carpet seamstresses (large machines)	5.50
Carpet seamstresses (small machines)	5.00
Carpet layers' apprentices, — two months out	4.00
Carpet layers' apprentices—1st 6 months out	4.50
Carpet layers' apprentices—2nd 6 months out	5.00
Carpet layers' apprentices—3rd 6 months out	5.50
Carpet layers' apprentices—4th 6 months out	6.00
Carpet layers' apprentices—5th 6 months out	6.50
Carpet layers' apprentices—6th 6 months out	7.00
Shade and drapery makers and hangers (inc. Venetian blinds)	7.00
Upholsterers	7.00
Furniture handlers, packers and strippers	5.50
Drapery seamstresses	4.25

STOCKTON BIDDER LOW ON BRIDGE

LOS ANGELES, April 10.—Clyde W. Wood, Stockton, today submitted a low bid of $175,529 to the state highway engineer here for construction of a bridge across Santa Margarita river about two and one-half miles north of Oceanside, San Diego county. It will be a steel deck truss bridge with concrete deck and will consist of two 167½-foot spans, two 67-foot cantilever spans and two 30½-foot plate girder approach spans.

Low bid for applying road-mix surface treatment on about 27.6 miles in Riverside county was submitted by Oilfields Trucking Co., Bakersfield, at $13,081.

March Production In Cement Mills 1,037,000 Barrels

Large increases in cement production and shipments in March 1936 over the same month last year and during the first quarter this year as compared with the first three months of 1935 are reported in the monthly summary prepared by the U. S. Bureau of Mines.

California mills produced 1,037,000 barrels of finished Portland cement in March, 1936, as compared with 634,000 barrels in March last year. Shipments were 1,119,000 barrels, as compared with 555,000 barrels in March, 1935.

Production of clinker at California plants totaled 936,000 barrels last month, as compared with 645,000 barrels in March, 1935.

Corresponding gains were reported by cement plants throughout the United States. Production of finished Portland cement totaled 5,263,000 bbls., shipments amounted to 7,138,000 barrels and production of clinker was 5,289,000 barrels, the bureau reports.

These totals compare with 4,299,000 barrels of finished cement produced; 4, 878,000 barrels shipped; and 4,286,000 barrels of clinker produced by U. S. plants during March, 1935.

Total production of finished cement by U. S. plants during the first quarter this year was 12,347,000 barrels of finished cement produced; 4,878,000 barrels shipped; the first three months of 1935. Shipments during the first quarter of 1936 amounted to 14,183,000 barrels, an increase of 32.9 per cent over the first quarter last year, when 10,675,000 barrels were shipped.

MARINA SEWER TO COST $116,000 BIDS MAY 6

9,500-ft Section Will Extend From Pumping Plant To Pier 39

Bids for construction of the Marina-North Point discharge sewer, which City Engineer John C. Casey estimates will cost $116,000, will be opened May 6 by the San Francisco board of works, it was announced last week.

The new discharge sewer will extend from Marina sewage pumping plant, now under construction near Marina Blvd. and Avila St., to a point of discharge into the bay near Peir 39 on the Embarcadero.

The sewer will have an internal diameter of thirty inches and will be constructed of either concrete protected steel pipe or asbestos cement pipe, for which alternative items are included in the bidding schedule.

A total of 9,590 feet of sewer will be constructed, of which approximately 1500 feet will run thru the tunnel below Fort Mason. Other bidding items include the outfall gate structure, anchors at the tunnel portals, eight manhole vaults, 280 feet of 12-inch vitrified clay pipe sewer, 220 feet of 10-inch vitrified clay pipe culvert or side sewer and three manholes.

Contracts aggregating $134,084 were awarded by the board in February for construction of the Marina pumping plant. Structural work went to Healy-Tibbitts Const. Co. at $96,200, and Frederick W. Snook Co. was awarded mechanical work on a bid of $37,884.

The additional disposal facilities are being constructed with the aid of a grant from the Federal Public Works Administration.

LIGHTER MATERIALS FOR RELIEF MAPS

Forest Service engineers have taken a leaf from the notebook of window display artists and reduced the weight of relief model maps of the national forests of California by over 70 per cent.

The lovely plastic ladies who display the season's fashions from department store windows are made of special materials ((Pottery plaster, Keene cement and hudrocal) the weight of which is 2½ pounds a square foot as compared to 8½ pounds a square foot for plaster of paris usually used in the construction of relief model maps. This new material not only reduces the weight of the model but also is three times as strong thus allowing an additional reduction of the framing and supports by over one-half. Maps of all the 18 national forests of California are being prepared by the drafting division of the Forest Service in the offices of the Regional Forester, San Francisco.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
783	Blincoe	Owner	4000
784	Progressive	Owner	3500
785	Giusti	Owner	3400
786	Giusti	Owner	3000
787	Giusti	Owner	3000
788	Giusti	Owner	3000
789	Sergo	Owner	3500
790	Carraro	Carraro	2750
791	Carraro	Carraro	2750
792	Arco	Owner	3500
793	Arco	Owner	3500
794	Arco	Owner	3500
795	Arco	Owner	3500
796	Arco	Owntr	3500
797	Happy	Birdsall	3400
798	Happy	Birdsall	3400
799	Stoneson	Owner	4000
800	Galli	Owner	5000
801	Galli	Owner	5000
802	Lurie	Jones	2000
803	Nelson	Owner	3000
804	Martin	McCormick	5700
805	Smith	Owner	4000
806	Costello	Owner	4000
807	Standard	Owner	3500
808	Standard	Owner	3500
809	Standard	Owner	3500
810	Standard	Owner	3500
811	Standard	Owner	3500
812	Herbst	Siegrist	1000
813	Costello	Owner	4000
814	Sbarboro	Cahill	20000
815	Schmidt	Aetna	3500
816	Johnson	Owner	4000
817	Stich	Vukicevich	3500
818	Otto	Hurley	1000
819	Pollitt	Perkins	5890
820	Meyer	Robinson	1000
821	Cervelli	Robinson	2000
822	Christensen	Owner	4000
823	Christensen	Owner	4000
824	Wolter	Owner	5000
825	De Martini	Wolter	4000
826	Markowitz	Owner	10000
828	Schweitzer	Mission	5000
829	Graalfs	Strate	7000
830	Meyer	Owner	4000
831	American	Hardy	3000
832	Asplund	Unit	2700
833	Cipolet	Vukicevich	3500
834	Doelger	Owner	4000
835	Oyen	Owner	40000
836	Penoat	Well	4000
837	Duncan	Risu	5000
838	Hop	Yick	1000
839	Polidoro	Owner	3500
840	Polidoro	Owner	3500
841	Von Geldern	Cuthbertson	10465
842	Skelly	Rousseau	82500
843	Bergfeld	Owner	2950
844	Welss	Carlson	5500
845	Gilpin	Berg	3500
846	Reco	Owner	4000
847	Follis	Lindgren	2576

DWELLING
(783) E THIRTY-THIRD AVE. 50 S Rivera St. One-story and basement frame dwelling.
Owner—C. O. Blincoe, 2663 15th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(784) E FORTY-THIRD AVE. 125 N Lawton St. One-story and basement frame dwelling.
Owner—Progressive Concrete Co., 1138 Van Dyke St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco. $3500

DWELLING
(785) SW LOUISBURG AND MT. Vernon St. One-story and basement frame dwelling.
Owner—S. A. Giusti, 200 Green Street, San Francisco.
Architect—Not Given. $3400

DWELLING
(786) W LOUISBURG ST. 75 S Mt. Vernon St. One-story and basement frame dwelling.
Owner—S. A. Giusti, 200 Green Street, San Francisco.
Architect—Not Given. $3000

DWELLING
(787) W LOUISBURG ST. 50 S Mt. Vernon St. One-story and basement frame dwelling.
Owner—S. A. Giusti, 200 Green Street, San Francisco.
Architect—Not Given. $3000

DWELLING
(788) W LOUISBURG ST. 25 S Mt. Vernon St. One-story and basement frame dwelling.
Owner—S. A. Giusti, 200 Green Street, San Francisco.
Architect—Not Given. $3000

DWELLING
(789) W TWENTY-FIRST AVE. 300 S Moraga St. One-story and basement frame dwelling.
Owner—A. Sergo, 582-A Castro St., San Francisco.
Architect—Not Given. $3500

DWELLING
(790) S UNDERWOOD ST. 325 E Lane St. One-story and basement frame dwelling.
Owner—F. Carraro, 700 Felton St., San Francisco.
Architect—Not Given.
Contractor — G. Carraro & Sons, 750 Felton St., San Francisco. $2750

DWELLING
(791) S UNDERWOOD ST. 300 E Lane St. One-story and basement frame dwelling.
Owner—F. Carraro, 700 Felton St., San Francisco.
Architect—Not Given.
Contractor — G. Carraro & Sons, 750 Felton St., San Francisco. $2750

DWELLING
(792) N RIVERA ST. 95 E Twenty-sixth Ave. One-story and basement frame dwelling.
Owner—Arco Bldg. Co., 4708 Mission St., San Francisco.
Architect—Not Given. $3500

DWELLING
(793) E TWENTY-SIXTH AVE. 175 N Rivera St. One-story and basement frame dwelling.
Owner—Arco Bldg. Co., 4708 Mission St., San Francisco.
Architect—Not Given. $3500

DWELLING
(794) E TWENTY-SIXTH AVE. 150 N Rivera St. One-story and basement frame dwelling.
Owner—Arco Bldg. Co., 4708 Mission St., San Francisco.
Architect—Not Given. $3500

DWELLING
(795) N RIVERA ST. 120 E Twenty-sixth Ave. One-story and basement frame dwelling.
Owner—Arco Bldg. Co., 4708 Mission St., San Francisco.
Architect—Not Given. $3500

DWELLING
(796) E TWENTY-SIXTH AVE. 125 N Rivera St. One-story and basement frame dwelling.
Owner—Arco Bldg. Co., 4708 Mission St., San Francisco.
Architect—Not Given. $3500

DWELLING
(797) N RIVERA ST. 95 E Thirtieth Ave. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St., San Francisco.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Ave., San Francisco. $3400

DWELLING
(798) N RIVERA ST. 95 W Twenty-ninth Ave. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St., San Francisco.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Ave., San Francisco. $3400

DWELLING
(799) NE SHAWNEE ST. 42 NW Cayuga St. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(800) SE 24th AVE. and Ocean Ave. One - story and basement frame dwelling.
Owner and Builder—R. F. Galli ,377 West Portal.
Architect—Not Given. $5,000

DWELLING
(801) NE 24th AVE. and Eucalyptus. One - story and basement frame dwelling.
Owner and Builder—R. F. Galli ,377 West Portal.
Architect—Not Given. $5,000

SERVICE STATION
(802) SE 12th AVE. and Clement St. Steel service station.
Owner—Lurie Co., 333 Montgomery.
Architect—Not Given.
Contractor—Paul K. Jones, 666 Mission St. $2,000

DWELLING
(803) N ARMY ST. 150 E Douglass. Two - story and basement frame dwelling.
Owner and Builder—A. E. Nelson, 454 Montgomery Street.
Architect — Wm. Mooser, Monadnock Building. $3,000

ALTERATIONS
(804) 1973 OCEAN AVE. Alter store and offices.
Owner—Benjamin Martin, 145 De Soto
Architect—Not Given.
Contractor—Thos. McCormick, 73 Hill Street. $5,700

DWELLING
(805) E 28th AVE. 100 S Cabrillo. One - story and basement frame dwelling.
Owner and Builder—Chas. Smith, 866 36th Avenue.
Architect—Not Given. $4,000

FLATS
(806) W 27th AVE. 37 S Cabrillo. Two - story and basement frame flats.
Owner and Builder—M. Costello, 821 34th Avenue.
Architect—Not Given. $4,000

DWELLING
(807) W 22nd AVE. 143 S Noriega; 1-story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(809) W 22nd AVE. 118 S Noriega; 1-story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(810) W 22nd AVE 168 S Noriega; 1-story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(811) W 22nd AVE. 92 S Noriega; 1-story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

SALESROOMS
(812) S MISSION 60 E Main. Class C salesrooms.
Owner—Herbst Bros., 1525 Mission St.
Engineer—Norman B. Green, Sharon Building.
Contractor—F. R. Siegrist, 604 Mission Street. $10,000

FLATS
(813) SW 28th AVE. and Cabrillo. Two - story and basement frame flats.
Owner and Builder—M. Costello, 821 34th Avenue.
Architect—Not Given. $4,000

WAREHOUSE & OFFICES
(814) N TOWNSEND 180 W 5th St. One-story Class C warehouse and offices.
Owner—A. E. Sbarboro, % contractor.
Architect—John H. Ahnden, 822 39th Avenue.
Contractor—Cahill Bros., 206 Sansome Street. $20,000

DWELLING
(815) E FORTY-SIXTH AVE. 118 N Noriega St. One-story and basement frame dwelling.
Owner—M. H. Schmidt, % Contractor.
Architect—Not Given.
Contractor — Aetna Constr. Co., 238 Arleta St., San Francisco. $3500

DWELLING
(816) NW WINFIELD AVE. 50 NE Eugenie St. One-story and basement frame dwelling.
Owner—Viictor Johnson, 216 Winfield Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(817) E THIRTY-SECOND AVE. 275 S Taraval St. One-story and basement frame dwelling.
Owner — Helen Stich, 1155 Taraval St., San Francisco.
Architect—Not Given.
Contractor—Peter E. Vukicevich, 1442 Taraval St., San Francisco. $3500

ALTERATIONS
(818) NO. 440 FIFTH ST. Alter warehouse.
Owner—Mrs. A. Otto, 91 Central Ave., San Francisco.
Architect—Not Given.
Contractor—P. J. Hurley, 1676 Hayes St., San Francisco. $1000

DWELLING
(819) N CASTENADA ST. 255 W San Marco St. Two-story and basement frame dwelling.
Owner—Newton Pollitt, 279 20th Ave. San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—E. W. Perkins, 510 Stockton St., San Francisco. $5890

ALTERATIONS
(820) NO. 6357 GEARY ST. Alter store and flat.
Owner—Geo. Meyer, Premises.
Architect—Not Given.
Contractor — Robinson & Johnston, 180 Oak St., S. F. $1000

ALTERATIONS
(821) NO. 3309 FILLMORE STREET. Alter cocktail room.
Owner—M. Cervelli, Premises.
Architect—Irwin W. Goldstine, 1206 Oak St., San Francisco.
Contractor—Robinson & Johnston, 180 Oak St., S. F. $2000

DWELLING
(822) SW VICENTE ST. AND 18th Ave. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(823) S VICENTE ST 95 W 18th Ave. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(824) W MAYWOOD 375 N Brentwood. Two-story and basement frame dwelling.
Owner—Paul A. Wolter, Jr., 70 Fernwood Ave., San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco. $5000

DWELLING
(825) N ROMAIN ST. 50 W Douglass St. Two-story and basement frame dwelling.
Owner — John De Martini, 1351 43rd Ave., San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco.
Contractor — Paul A. Wolter Jr., 70 Fernwood Ave. $4000

FLATS
(826) W ROSSI ST. 168 N Turk St. Two-story and basement frame flats.
Owner—A. Markowitz, 574 19th Ave., San Francisco.
Architect—Not Given. $10,000

FLATS
(827) W ROSSI ST. 196 N Turk St. Two-story and basement frame flats.
Owner—A. Markowitz, 574 19th Ave., San Francisco.
Architect—Not Given. $10,000

ALTERATIONS
(828) N CHESTNUT ST. 200 W Powell St. Alter Offices.
Owner—Bauer Schweitzer Hop & Malt Co., 660 Sacramento St., S. F.
Architect—Not Given.
Contractor — Mission Concrete Constructors, 272 Turk St., San Francisco. $5000

FLATS
(829) SE MORGAN ALLEY A N D Corbett Ave. Two-story and basement frame flats.
Owner—A. O. Graalfs, 431 Third Ave. San Francisco.
Architect — Moria Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Adolph Strate, 190 Moneta Way, San Francisco. $7000

DWELLING
(830) SE JUANITA ST. 30 SW Fowler St. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Ave. San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(831) NO. 1 SOUTH PARK. Alter offices.
Owner—American Tobacco Co. of the Pacific Coast, Premises.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina St., San Francisco. $3000

ALTERATIONS
(832) NO. 2746 FILBERT ST. Alter dwelling.
Owner—Mrs. G. Asplund, 2740 Filbert St., San Francisco.
Architect—Not Given.
Contractor—Unit Const. Co., 557 Market St., San Francisco. $2700

DWELLING
(833) W TWENTY-SIXTH AVE. 175 S Moraga St. One-story and basement frame dwelling.
Owner—August G. Cipolet, 1487 Chestnut St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Contractor—Peter E. Vukicevich, 1442 Taraval St., San Francisco. $3500

DWELLING
(834) W SIXTEENTH AVE. 200 N Pacheco St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

APARTMENTS
(835) NW SEVENTEENTH AVE. & Clement St. Three-story frame apartments.
Owner—O. M. Oyen, 50 Castenada St., San Francisco.
Architect—Scheutz & Dakin, 505 Williams Bldg., S. F. $40,000

DWELLING
(836) E SEVENTEENTH AVE. 340 N Quintara St. One-story and basement frame dwelling.
Owner—Edward F. Penoat, 519 California St., San Francisco.
Architect—Not Given.
Contractor—Well Built Homes, Inc., 519 California St. $4000

FLATS
(837) S DUNCAN 138 W Guerrero St. Two-story and basement frame flats.
Owner — Freda Sekara, 1264 Church St., San Francisco.
Architect—Not Given.
Contractor—S. O. Risu, 528 Douglass St., San Francisco. $5000

ALTERATIONS
(838) NO. 137 WAVERLY PLACE. Alter clubroom.
Owner—Hop Sing Assn., Premises.
Architect—Not Given.
Contractor—Frank Yick, 670 Washington St., S. F. $1000

DWELLING
(839) N WASHINGTON ST. 68 E Mason St. One-story and basement frame dwelling.
Owner—L. Polidoro, 780 Vallejo St., San Francisco.
Architect—Not Given. $3500

DWELLING
(840) N WASHINGTON ST. 68 E Mason St. One-story and basement frame dwelling.
Owner—L. Polidoro, 780 Vallejo St.,

DWELLING
(841) N YERBA BUENA AVE. 85 E Santa Monica. Two-story and basement frame dwelling.
Owner — Dr. Hans Von Geldern, 33 Santa Monica Ave., San Francisco
Architect — Laurence A. Kruse, 251 Kearny St., San Francisco.
Contractor—Thos. A. Cuthbertson, 430 Noriega St., S. F. $10,165

APARTMENTS
(842) SE PIERCE AND TOLEDO Way. Three-story frame apartments.
Owner—Jas. D. and Frances Skelly, % Contractor.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Engineer — James M. Smith, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St. $82,500

DWELLING
(843) N IVY ST. 75 E Octavia St. One-story and basement frame dwelling.
Owner—Robt. E. Bergfeld, 1712 Noe St., San Francisco.
Architect—Not Given. $2950

DWELLING
(844) W TEXAS ST. 50 S 18th St. One-story and basement frame dwelling.
Owner—J. M. Weiss, 293 Pennsylvania St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—John Carlson, 2239 Bryant St., San Francisco. $5500

DWELLING
(845) W FORTY-SECOND AVE. 200 N Kirkham St. One-story and basement frame dwelling.
Owner—G. Gilpin, 265 San Leandro St., San Francisco.
Architect—Not Given.
Contractor — Einar J. N. Berg, 24 Stillings St., San Francisco. $3500

DWELLING
(846) E ALEMANY BLVD. 162 N Ottawa St. One-story and basement frame dwelling.
Owner—Reco Corp., 1136 Clement St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(847) NO. 1 EIGHTEENTH AVE. Alter dwelling.
Owner—R. G. Follis, % Contractor.
Architect—Not Given.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St. $2576

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
475	Brereton	Reese	5000
476	Murdock	Bay	2900
477	Railway	Villadsen	6840
478	Stout	Owner	3000
479	Atkinson	Owner	4800
480	Smithies	Kopf	5000
481	Haulman	Haulman	5000
482	Rose	Owner	2000
483	Hufschmidt	Owner	4000
448	Oakland	Swenson	64390
449	Neighbor	Rednous	5000
450	Colmobatto	Faranio	3800
451	Gould	Owner	6000
452	Snyder	Beckett	5560
453	Anderson	Owner	2000
454	Electricial	Cone	2600
455	Carlson	Garanson	2230
456	Kerr	Melrose	2500
458	Morgensen	Owner	6500
459	Stroud	Owner	4000
460	Fuller	Brown	3850
461	Banner	Pearson	4900
462	Woodburn	Woodburn	6000
463	Dooley	Owner	6000
500	Bayley	Owner	2750
501	Ormes	Owner	1625
502	Carlson	Owner	6000
503	King	Owner	1350
504	Warren	Owner	4000
505	Nicholson	Nicholson	4000
505	Crandall	Foster	4000
506	Reynolds	Nordstrom	5000

DWELLING
(475) 17 CAMELSFORD PL., **OAKLAND.** Two-story 5-room dwelling.
Owner—Mrs. Hazel Brereton.
Architect—Not Given.
Contractor—Thos. O. Reese, 618 Victoria St., San Leandro. $5,000

DWELLING
(476) 3271 CALIFORNIA ST., **OAKLAND.** One-story 4-room dwelling.
Owner — Eldred Murdock, 57 Gladys St., San Francisco.
Architect—Not Given.
Contractor—Bay Cities Bldg. Co., 160 Russ St., San Francisco. $2,900

ADDITION
(477) 1411 CENTER ST., **OAKLAND.** Brick addition.
Owner—Railway Express Agency, 85 Second St., San Francisco.
Architect—Not Given.
Contractor—Villadsen Bros., Inc., 354 Hobart St., Oakland. $6,840

DWELLING
(478) 2535 OLIVER ST., **OAKLAND.** One-story 5-room dwelling.
Owner and Builder—Alice M. Stout, 4321 Park Blvd., Oakland.
Architect—Not Given. $3,000

DWELLING
(479) 1843 GREENOCK AVE., **OAKLAND.** Two-story 6-room dwelling.
Owner and Builder—Herbert P. Atkinson, 127 Alvarado Road, Berkeley.
Architect—Not Given. $4,800

ALAERATIONS
(480) NO. 1315 DAYTON AVENUE, **ALAMEDA.** Alterations.
Owner—Dr. Harold R and Ellen S. Smithies, Premises.
Architect — Mildred S. Meyers, 2024 Cntral Ave., Alameda.
Contractor — Ben Kopf, 845 Pacific Ave., Alameda. $5000

DWELLING
(481) NO. 3104 GIBBONS DRIVE. **ALAMEDA.** One-story six-room dwelling.
Owner—C. P. Haulman, 1243 Broadway, Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $5000

DWELLING
(482) NO. 3231-A FERNSIDE BLVD., **ALAMEDA.** One-story three-room dwelling.
Owner—Wm. E. Rose, 3231 Fernside Blvd., Alameda.
Architect—Not Given. $2000

DWELLING
(483) 268 ORANGE ST., **OAKLAND.** One-story 5-room dwelling.
Owner and Builder—Hufschmidt and Whalen, 337 17th St., Oakland.
Architect—Not Given. $4,000

RECONSTRUCTION
(484) 4730 FLEMING AVE., **OAKLAND.** Reconstruct building.
Owner—Oakland School District, 1025 2nd Ave., Oakland.
Architect—W. G. Corlett, 1025 Second Ave., Oakland.
Contractor—Carl N Swenson Co., 355 Stockton Ave., San Jose. $64,390

DWELLING
(449) 1157 CRAGMONT AVE., **BERKELEY.** Two-story 6-room frame dwelling and garage.
Owner—H. S. Neighbor, 1666 Shattuck Ave., Berkeley.
Architect—B. R. Hardman, Berkeley.
Contractor — C. E. Rednous, 2144 Spaulding, Berkeley. $5,000

DWELLING
(450) 1122 FRANCISCO, **BERKELEY.** One-story six-room frame dwelling.
Owner—Joe Colombatto, 1121 Delaware, Berkeley.
Architect—Not Given.
Contractor—J. Faranio,, 827 Madison Ave., Albany. $3800

DWELLING
(451) 77 BONNIE LANE, **BERKELEY.** Two-story five-room frame dwelling and garage.
Owner and Builder—A. E. Gould, 1660 Thousand Oaks, Berkeley.
Architect—Not Given. $6,000

DWELLING
(452) 485 GRIZZLY PEAK BLVD., **BERKELEY.** Two-story 6-room frame dwelling and garage.
Owner—Edwin L. Snyder, 514 Grizzly Peak Blvd., Berkeley.
Plans by Owner.
Contractor—A. T. Beckett, 224 Scenic Ave., Berkeley. $5500

DWELLING
(453) 2405 RANSOME AVE., **OAKLAND.** One-story 4-room frame dwelling.
Owner and Builder—T. A. Anderson, 2409 Ransome Ave., Oakland.
Architect—Not Given. $2,000

ADDITION
(454) 950 30th ST., **OAKLAND.** Addition.
Owner—Electrical Prod. Corp., 9501 30th St., Oakland.
Architect—Not Given.
Contractor—Wilbur C. Cone, 608 16th St., Oakland. $2600
Also 1-story office, $900.

DWELLING
(455) 1326 E 21st ST., **OAKLAND.** One-story 3-room dwelling.
Owner—John Carlson, 1330 E 21st St. Oakland.
Architect—G. Brown, American Bldg., Oakland.
Contractor—H. Garanson, 3476 Laguna Ave., Oakland. $2230

DWELLING
ALTERATIONS
(456) 3243 E 23rd ST., **OAKLAND.** Alterations and addition to apartments.
Owner—Samuel Kerr, 3243 East 23rd St., Oakland.
Architect—Not Given.
Contractor—Melrose Bldrs.. 1700 47th Ave., Oakland. $2,500

DWELLING
(457) 5943 MONZAL AVE., **OAKLAND.** Two-story 6-room dwelling.
Owner—W. Roberts.
Architect—Not Given.
Contractor — H. L. Crocker, Jr., 30 Wilding Lane, Oakland. $5500
Also 1-story garage, $150.

DWELLING
(458) 209 FLORENCE AVE., **OAKLAND.** Two-story 6-room dwelling.
Owner and Builder—Morgensen Bros., 5664 Broadway, Oakland.
Architect—Not Given. $6500

DWELLING
(459) 5612 MAXWELTON DRIVE, **OAKLAND.** One-story five-room dwelling.
Owner and Builder—J. A. Stroud, Jr., 370 17th St., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland. $4,000

ALTERATIONS
(460) 511-13 14th ST., **OAKLAND.** Alterations.
Owner—J. H. Fuller, Athens Athletic Club, Oakland.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Henry Brown. 1387 East 32nd St., Oakland. $3850

DWELLING
(461) 708 MOUNTAIN BLVD., **OAKLAND.** One-story 5-room dwelling.
Owner—J. T. Banner, 3600 Park Blvd. Oakland.
Architect—Not Given.
Contractor—Pearson & Weston, 1729 Grove St., Berkeley. $4900

DWELLING
(462) 44 BOWLES PLACE, **OAKLAND.** Two-story 6-room dwelling.
Owner—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—Not Given.
Contractor—R. Woodburn, 624 Prospect Ave., Oakland. $6,000

DWELLING
(463) 1823 CASTERLINE RD., **OAKLAND.** Two-story 7-room dwelling.
Owner and Builder—Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given. $6,000

ALTERATIONS
(500) 575 BLAIR AVE., **PIEDMONT.** Alterations.
Owner and Builder—Chas. Bayley, 257 Scenic Ave., Piedmont.
Architect—C. W. Mayhew, 6026 Acacia Piedmont. $2750

ALTERATIONS
(501) 1409 SCENIC AVE., **BERKELEY.** Alterations.
Owner and Contractor—F. S. Ormes, 1409 Scenic Ave., Berkeley.
Architect—Not Given. $1625

DWELLING
(502) 1770 SPRUCE ST., **BERKELEY.** Two-story 10-room frame dwelling and garage.
Owner & Builder—Oscar Carlson, 659 Santa Barbara Road, Berkeley.
Architect—Not Given. $6,000

DWELLING
(503) 2632 99th AVE., **OAKLAND.** One-story 3-room dwelling and 1-story garage.
Owner and Builder—A. A. King, 2624 99th Ave., Oakland.
Architect—Not Given. $1425

DWELLING
(504) 2600 57th AVE., **OAKLAND.** Two-story 6-room dwelling.
Owner and Builder—W. H. Warren, 3821 Canon Ave., Oakland.
Architect—Not Given. $4,000

(505) 8342 NEY AVE., **OAKLAND.** One-story 6-room dwelling.
Owner — R. Nicholson, 5 5 0 Blossom Way, San Leandro.
Contractor — D. W. Nicholson, 5 5 0 Blossom Way, San Leandro.
Architect—Not Given. $4,000

DWELLING
(505) NO. 5726 NOTTINGHAM DR., **OAKLAND.** Two-story five-room dwelling.
Owner—Helen I. Crandall.
Architect—M. Goodman, 2163 Center St., Berkeley.
Contractor—W. G. Foster, 4 Avon Rd. Berkeley. $4000

DWELLING
(506) NO. 4536 REINHARDT DR., **OAKLAND.** Two-story five-room dwelling.
Owner — Mildred M. Reynolds, Mills College, Oakland.
Architect—Not Given.
Contractor — David Nordstrom, 4150 Emerald St., Oakland. $5000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

37	McCarthy	Aetna	3700
38	Continental	Cohn	627
39	Meyer	Milton	9000
40	Schmidt	Aetna	4800
41	Pacific	Mullen	1300

REMOVE PARAPET
(39) 60 SANSOME ST. Removal of parapet walls and bracing tank supports.
Owner—Continental Ins. Co. of N. Y. and Fidelity-Phenix Ins. Co. of N. Y., 60 Sansome St.
Enginer—Jesse Rosenwald, 525 Market Street.
Contractor—Theo. Cohn as Mills Construction Co., Russ Bldg.
Filed, Apr. 24, '36. Dated, Apr. 23, '36
Payments Not Given.
TOTAL COST. $627
Bond, $627. Sureties, United States & Fidelity & Guaranty Co. Limit, 20 calendar days. Plans and Spec. filed.

SERVICE STATION
(39) SE GEARY and 28th Ave. Service station.
Owner—George S. Meyer, 508 28th Avenue.
Engineers—B. B. Maynard Co., 3708 Balfour St., Oakland.
Contractor—W. B. Milton, 589 Heddon Road, Oakland.
Filed, Apr. 24, '36. Dated, Apr. 21, '36
When concrete foundations and drives are installed.....25%
When steel bldg. is on premises 25%
When steel bldg. is erected.....25%
When completed and accepted....25%
TOTAL COST, $9,000.00
Bond, $9000. Sureties, American Surety Co. of N. Y. Limit, 90 working days. Spec. filed.

DWELLING
(37) SW SANTA ROSA AVE. perpen. dist. 200 SE Cayuga St. All work for 5-room and breakfast room frame and stucco dwelling with garage under.
Owner—The McCarthy Co., 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor—Aetna Constr. Co., 238 Arleta St., San Francisco.
Frame up 25%
Brown coat plaster on..... 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $3700
Bond, none. Limit 90 working days. Forfeit, $1 per day. Plans and specifications filed.

RESIDENCE
(40) E FORTY-SIXTH AVE. 118 N Noriega St. All work for 5-room, and sun room frame and stucco residence with garage under.
Owner—Milton H. Schmidt, 4116 Moraga St., San Francsico.
Architect—Not Given.
Contractor — Aetna Constr. Co., 238 Arleta St., San Francisco.
Filed Apr. 27, '36. Dated Apr. 25, '36.
Payments subject to Veteran's loan and instructions with Title Insurance & Guaranty Co., 130 Montgomery st.
TOTAL COST, $4800
Bond, none. Limit, 90 working days. Forfeit, $1 per day. Plans and specifications filed.

(41) NO. 140 NEW MONTGOMERY St. Partitions, doors, transoms, hardware and door checks on 25th floor of building.
Owner—Pacific Tel. & Tel. Co., Prem.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St., San Francisco.
Filed Apr. 28, '36. Dated Apr. 17, '36.
When completed 75%
40 days after completion..... 25%
TOTAL COST, $1300 plus sales tax on materials.
Bond, $1300. Surety, Pacific Indemnity Co. Limit, 14 working days. Foorfeit, plans & specifications, none.

BUILDING CONTRACTS
ALAMEDA COUNTY

39	Christensen	Griffin	5000
53	Winfrey	Nordstrom	10000
52	Smithies	Koph	3541
54	Flynn	Walstrom	2235
55	Reynolds	Nordstrom	5250
56	Christy	Skovmand	5439

ALTERATIONS
(52) 1315 DAYTON AVE., Alameda. Alterations.
Owner—Dr. Harold R. and Ellen S. Smithies, premises.
Architect—Mildred S. Meyers, 2 0 2 1 Alameda St., Alameda.
Contractor—Ben F. Koph, 845 Pacific Ave., Alameda.
Filed, Apr. 23, '36. Dated Apr. 20, '36.
1st day of each month.....75%
Usual 35 days.....25%
TOTAL COST, $3,541
Bond, $1,770.50. Sureties, Maryland Casualty Co. Forfeit, $10 per day. Limit, 35 days. Plans and Specifications filed.

DWELLING
(53) LOT 7 BLOCK H, Claremont Pines. Two-story frame dwelling.
Owner—J. S. Winfrey.
Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—David Nordstrom, 4 1 5 0 Emerald St., Oakland.
Filed April 24, '36. Dated Mar. 10, '36
Monthly payments up to.....$7500
Usual 35 days..... 2500
TOTAL COST, $10,000
Limit, 125 days. Plans and Specifications filed.

DWELLING
(54) LOT 1 BLOCK R, University Uplands, Berkeley. Three - room frame residence.
Owner—E. C. Flynn, 314 Panoramic, Oakland.
Architect—Geo. Rushforth, 2507 Ellsworth St., Berkeley.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.
Filed, April 27, '36. Dated April 23, '36
Progress payments of.....75%
First when frame is up.
Second when building enclosed.
Third usual 35 days.
TOTAL COST, $2235
Limit, 60 days. Plans and Specifications filed.

DWELLING
(55) LOT 6 BLK 2531, Park Place, Oakland. Two-story frame dwelling and garage.
Owner — Mildred M. Reynolds, Mills College, Oakland.
Architect—J. G. Brown.
Contractor—D. Nordstrom & Co., 4150 Emerald St., Oakland.
Filed April 27, '36. Dated April 24, '36
Rough framing completed.....25%
Rough plastering completed.....25%
Completion 25%
Usual 35 days.....25%
TOTAL COST, $5250
Limit, 65 days.

RESIDENCE
(56) SHASTA ROAD near Campus Drive, Berkeley. All work for residence.
Owner—Miss Cicely M. Christy, 1094 Keith Ave., Berkeley.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—P. Skovmand and N. T. Lewis, 26392 Mohr Dr., Mt. Eden.
Filed Apr. 29, '36. Dated Apr. 37, '36.
5th day after roof completed..$1359.50
5th day after plastering com. 1360.00
5th day after completion..... 1360.00
Usual 35 days..... 1360.50
TOTAL COST, $5439.50
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Figured—Bids Close May 6, 2 P. M.
ALTERATIONS Cost, $5000
SAUSALITO, Marin County, Calif.
Alterations to apartment bldg. (heating, plumbing, plastering, painting electrical work, mill work, etc.)
Owner—Mabel Wright.
Architect—F. F. Amendes, 414 Dewey Blvd., San Francisco.

Construction Postponed Indefinitely.
APARTMENTS Cost, $13,000
PITTSBURG, Contra Costa Co., Cal.
Two-story frame and stucco apartment building (50x125 ft.) four 3-room apts. (hardwood floors, wood sash, composition roofing, etc.)
Owner—Withheld.
Architect—F. Frederick Amandes, 414 Dewey Blvd., San Francisco.

Contract Awarded.
APARTMENTS Cost, $18,000
SAN FRANCISCO. Darrell Place and Greenwich Street.
Two-story frame and rustic apartment building (6 2- and 3-room apts.) flat roof, steel sash, steam heating system, etc.
Owner—James Teel.
Architect — Michael Goodman, 2163 Center St., Berkeley.
Contractor—H. K. Schulz, 811 Mendocino Ave., Berkeley.

Sub-Bids Wanted.
APARTMENTS Cost, $——
SAN FRANCISCO. SE Pierce Street and Toledo Way.
Three-story and basement frame and stucco apartments (21 2- 3- and 4-room apts.) steel frame to first floor, plastered exterior, composition shingle roof, wood sash, tile baths, hardwood floors, etc.
Owner—James Skelly.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Sub-bids are wanted on all portions of the work.

To Be Done By Day's Work
APARTMENTS Cost, $50,000
SAN FRANCISCO. NW 17th and Clement Street.
Three-story and basement frame and stucco apartments.
Owner and Builder—O. M. Oyen, 50 Castenada Way.
Architect—Schuetz & Dakin, William Building.

Preparing Working Drawings.
APARTMENTS Cost, $——
SAN FRANCISCO. (Location withheld temporarily).
Four-story Class C concrete and steel frame apartment building (33 2-room apts.) concrete walls, etc.
Owner—Withheld.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
Further details will be announced shortly.

Plans Being Prepared.
ALTERATIONS Cost, $7000
SAN FRANCISCO. Mason and Filbert Streets.
Alterations to flats for apartments (6, 3-room apts.) plumbing, wiring, plastering, flooring, etc.
Owner—J. Cresci.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Plans will be completed in about one week.

3— CHURCHES

Planned
CHURCH Cost, $——
MILLBRAE, San Mateo Co., Calif. Chadbourne and Poplar Avenues.
New church (90x140-feet).
Owner—Community Church (Rev. E. D. Winning, Pastor).
Architect—Not Selected.
Following have been named on the church committee: Claude Brown, R. W. Simcock, Floyd Huff, and Philip Small.

Planned
ALTERATIONS Cost, $10,000
FRESNO, Fresno Co., Calif. Divisadero and M Streets.
Alterations and additions to church (repair ceiling girders, new shingle roof, lighting fixtures, refinish seats, painting, etc.)
Owner—First Congregational Church.
Architect—Not Given.
Dr. W. F. Tidyman, 1361 College, Fresno, is general chairman of the bulding committee.

4— FACTORIES & WAREHOUSES

Contract Awarded
MACHINE SHOP Cont. Price, $1,815
MODESTO, Stanislaus Co., Calif.
One-story machine shop.
Owner—City of Modesto.
Plans by City Engineer, Modesto.
Contractor—Jarvis Bros., Rte. 2, Box 309, Modesto.
Complete bids follow:
Jarvis Bros., Modesto.....$1,815
Harry Brown, Modesto..... 1,936
L. Ubels, Ripon..... 2,175

Bids Wanted—To Close May 7 5 P. M.
SHOP Cost, $——
FRESNO, Fresno Co., Cal. Eighth and Ventura Avenue.
One-story concrete and brick maintenance shop building.
Owner—City of Fresno School District (L. L. Smith, Secretary).
Architect—Chas. Franklin, T. W. Patterson Bldg., Fresno.
Bids are being taken as follows:
(1) Concrete Work.
(2) Brick Work.
(3) Reinforcing Steel.
(4) Carpentry Work.
(5) Roofing.
Bids will be opened at 7:30 P. M.
Plans and specifications may be obtained from the architect.

Contract Awarded
WAREHOUSE, ETC. Cost, $25,000
SAN FRANCISCO. N Townsend St. Fifth Street.
One-story Class C warehouse and office building.
Owner—A. E. Sbarboro.
Architect—John Ahnden, 822 39th Avenue.
Contractor—Cahill Bros., 206 Sansome Street.

Plans Being Prepared — Contract Awarded.
WAREHOUSE & OFFICES Cost, $200,000
SAN FRANCISCO.
New warehouse and office building.
Owner—Coffin Redington Co., 401 Mission St., San Francisco.
Architect—Fred H. Meyer, Kohl Bldg. San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

Plans Being Completed.
PRINTING PLANT Cost, $35,000
SAN FRANCISCO. Van Ness Avenue South and 13th Street.
One-story Class C printing plant with general offices ,22,000 sq. ft.) concrete walls, steel frame, mill type roof construction.
Owner—The James H. Barry Co.
Consulting Structural Engineer—Jesse Rosenwald, 525 Market St.
Bids will be as asked in about two weeks.

5— FLATS

To Be Done By Day's Work.
FLATS Cost, $8000
OAKLAND, Alameda Co., Cal. No. 2306-08 Ivy Drive.
Two-story frame and stucco flats (2 5-room flats.)
Owner and Builder—F. S. Taylor, 1622 Harrison St., Oakland.
Architect—Not Given.

Plans Being Figured
FLATS Cost, $——
SAN FRANCISCO. Francisco Heights Beaumont Street.
Two-story frame and stucco flats (2 5-room flats) clay shingle flat roof, gas burning steam heating system, hardwood floors, wood sash, Philippine mahogany trim, etc.
Owner—F. G. Herring.
Architect—Oscar Thayer, 110 Sutter.
Bids are being taken on a general contract with separate bids on plumbing, heating, electric and painting.

Contract Awarded.
FLATS Cost, $6500
SAN FRANCISCO. S Duncan St. W Guerrero Street.
Two-story and basement frame and stucco flats.
Owner — Freda Sekara, 1264 Church St., San Francisco.
Architect—Not Given.
Contractor—E. O. Risu, 528 Douglass St., San Francisco.

To Be Done By Day's Work.
FLATS Cost, $12,000 each
SAN FRANCISCO. W Rossi St. N Turk Street.
Owner and Builder — A. Markowitz, 574 19th Ave., San Francisco.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $3500
SAN FRANCISCO. SE Twelfth Ave. and Clement St.
Steel service station.

Owner—Lurie Co., 333 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Paul K. Jones, 666 Mission St., San Francisco.

7— FEDERAL BUILDINGS

BIDS OPENED

HICKAM FIELD, T. H.—Robert E. McKee, 1128 Central Bldg., Los Angeles, at $1,240,000 submitted low bid to Constructing Quartermaster, Fort Mason, San Francisco, for constructing four air corps double hangars (H-type) including utilities at Hickam Field, T. H. Following bids received by Constructing Quartermaster, San Francisco, and Contracting Officer, Hickam Field, T. H.

*Robert E. McKee, Los Angeles, $1,240,000.
**Hawaiian Contracting Co., Honolulu, $1,362,241.
**E. E. Black, Honolulu, $1,395,826.
*A. W. Quist, Seattle, $1,415,000.

*Bids submitted in San Francisco (complete bids.)
**Bids submitted in Hickam Field, T. H. (two low bids).

BIDS OPENED

ALCATRAZ ISLAND, Cal.—American Bankers Co., 7 Front St., San Francisco, at $2960 submitted low bid to Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, for bullet proof glass covered opening in wall of cell house all in Building 68, Alcatraz Island.

Complete bids follow:

American Bankers, S. F.	(1)	$1960.00
	(2)	170.00
O. B. McClintock Co., S. F.	(1)	2965.00
	(2)	200.00
*Rolph Mills Co., S. F.		921.76

*Excluding hardware.
Bids will probably be rejected.

BIDS WANTED

SALT RIVER PROJECT, Arizona—Until May 18, 10 A. M., bids will be received by the Bureau of Reclamation, Producer Bldg., Phoenix, E. C. Koppner, Constructiin Engineer, under Spec. No. 784-D for construction of a laboratory and a combined warehouse, garage and shop building at the Government camp at the Bartlett Dam, Salt River Project, Arizona. The work is located near Phoenix.

The field testing laboratory will be a building 24 feet by 40 feet in size containing three rooms and with a porch roof supported on porch columns and extending 9 feet from the building walls around all four sides of the building. The combined warehouse, garage, and shop building will be approximately 36 feet by 101 feet in size, with a loading platform and ramp 7 feet wide at one end. The end sections 16 feet and 20 feet in width will be used for a shop and warehouse, respectively, and the central section, 64 feet in width, will have open sides and will be used for a garage. The footings and floor of the testing laboratory will be of concrete and the walls will be covered with insulating buildig board. The roof of the laboratory will be covered with composition roll roofing over solid sheathing. The outside walls and roof of the combined warehouse, garage, and shop building will be covered with galvanized corrugated metal. No floors will be placed in the warehouse, garage, and shop building.

Work shall be commenced within 10 and completed within 60 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Phoenix, Arizona, or Denver, Colo., without charge to prospective bidders; to others, $1 per copy, not returnable.

BIDS WANTED

SEATTLE, Wash. — Until May 21, bids will be received by Treasury Department, Washington, D. C., for repointing and waterproofing walls at the Post Office, Seattle, Wash. 7

BIDS OPENED

BELL, Los Angeles Co., Cal.—Ceco Weatherstrip & Screen Co., Chicago, Ill., at $304 submitted low bid to Procurement Division, Washington, D. C., for insect screens in the U. S. Post Office at Bell.

Complete bids follow:

Ceco Weatherstrip & Screen Co., Chicago, Ill., $304.
Robbins Mfg. Co., Inc., Chicago, $324.
Chamberlain Metal Weatherstrip Co., Detroit, $347.
Watson Mfg. Co., Jamestown, New York, $366.

Bids held under advisement.

Complete bids.
POST OFFICE Cost, $——
CENTRALIA, Wash. SE Locust and Silver Streets (140x160 feet).
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder — Harry Boyer & Sons, Olympia, Wash.

Complete bids follow:

Harry Boyer & Sons, Olympia	$62,000
Standard Constr. Co., Tacoma	64,345
Geo. Isaeson, Portland	64,949
Hoffman Constr. Co., Portland	65,382
Western Constr. Co., Seattle	66,520
Warrack Constr. Co., Seattle	66,935
O. F. Larsen, Tacoma	67,500

Bids held under advisement.

LOW BIDDERS

EUREKA, Humboldt Co., Cal.—F. J. Maurer & Son, Eureka, at $78,170 submitted low bid to U. S. Coast Guard, Civil Engineers Office, Washington, D. C., for the construction of a two-story frame building, 36x103-ft. with watch house atop and with a boatroom extension at rear, 28x48-ft. All with concrete foundations and basements; complete with electric lights, heating, plumbing, etc.; a marine launchway approximately 274 ft. in length, comprised of treated wood pile and timber trackways, walkways, etc., and concrete approach together with all accessories, at the Humboldt Bay Coast Guard Station, Eureka.

Three low bids follow:

F. J. Maurer & Son, Eureka	$78,170
Wiggs Construction Co., Redondo Beach	80,000
Mercer-Fraser Co., Eureka	81,880

BIDS WANTED

FORT BARRY, Marin Co., Calif.—Until May 4, 2 P. M., bids will be received by Andre Fourchy, Associate Civil Engineer, Room 219, Administration Building, Government Island, Oakland, for miscellaneous alterations and repairs, etc., to the Point Bonita Coast Guard Station, Fort Barry.

Work involves:

(1) Miscellaneous repairs and alterations to officers' and crew's bath rooms and officers' laundry; doors, walls, windows, steps, walks, floor.

(2) Installation of heating plant for building.

(3) Providing and connecting new plumbing fixtures and installing new sanitary sewer system.

Plans and specifications may be obtained from above office.

CONTRACT AWARDED

MARE ISLAND, Cal.—R. P. Paoli, 2350 Lombard St., San Francisco, at $10,980 awarded contract by Bureau of Yards and Docks, Navy Department, for painting five 450-foot steel radio towers at the Navy Yard (Radio Station) Mare Island; Spec. No. 8096.

Bids Wanted—To Close May 27, 1 P. M.

POST OFFICE Cost, $——
ONTARIO, Oregon.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and specifications may be obtained from above office.

BUILDING MATERIALS APPROVED

MADERA, Cal.—Treasury Department approved the award to Ray Burner Company for oil burner and to Wells Mfg. Co. for oil heater for the U. S. Post Office, Madera. Frank J. Reilly, San Francisco, general contractor.

CONTRACT AWARDED

LOS ANGELES, Calif. — Broadway Department Store, 401 South Broadway, Los Angeles, at $6,683 awarded contract by U. S. Veterans Administration for asphalt tile floors in Bldgs. No. 156 and 158 at the Veterans' Administration Facility, Los Angeles.

8— CLUB BUILDINGS

Architect Selected.

LODGE Cost, $50,000
VALLEJO, Solano Co., Cal. Georgia and Sonoma Streets.
Two-story and basement reinforced concrete club building.
Owner—Vallejo Lodge of Elks.
Architect—Dodge Riedy, 821 Market St., San Francisco.

April 28, 1936

Contract Awarded.

CLUBHOUSE Cost, $20,000
PASATIEMPO, Santa Cruz Co., Calif.
One-story frame and stucco clubhouse (living and dining room, 75 lockerc, etc.) Spanish style.
Owner—Marion Hollins, Pasatiempo.
Architect—Clarence Tantau, 210 Post St., San Francisco.
Contractor—Leo Cardwell, 530 Pacific Ave., Santa Cruz.

9— HOSPITALS

Bid Opening Date Postponed Until May 9, 11 A. M.

NURSES' HOME Cost, $40,000
ATWATER, Merced Co., Calif.
One-story frame and stucco nurses' home; 1-story frame and stucco garage and one-story frame and stucco activity bldg; landscaping equipment, etc. (second uit).
Owner—City of Atwater.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.

Date was previously set for May 2.
Plans and specifications may be obtained from the architect or the engineer upon deposit of $10.00.

Bids Wanted— To Close May 18, 11 A. M.

ADDITION Cost, $9000
SAN JOSE, Santa Clara Co., Calif.
County Hospital.
One-story addition to isolation ward (wood frame construction, concrete foundations, shingle roof, etc.)
Owner—County of Santa Clara.
Architect—Binder & Curtis, 35 W San Carlos St., San Jose.

Plans and specifications may be obtained from the County Clerk's Office, San Jose.

Planned.
ADDITIONS Cost, $21,000
SPRINGVILLE, Tulare Co., Calif. Tulare-Kings Couuties Joint Tubercular Sanitarium.
Kitchen building and nurses' quarters at Tubercular Sanitarium.
Owner—County of Tulare.
Architect—Not Given.

Planned
ALTERATIONS Cost, $25,000
CHICO, Butte Co., Calif. Eighth and Oleander Streets
Alterations to hospital (16 rooms).
Owner—Chico Sanitarium Hospital (Dr. C. C. Landis) Chico.
Architect—Not Given.
Further details will be announced shortly.

10— HOTELS

Preparing Working Drawings.
ADDITION Cost, $100,000
SAN FRANCISCO. Turk and Mason Streets.
Nine-story steel frame and concrete addition to Oxford Hotel (30 rooms).
Owner—Arnold Haas.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Bids will be asked shortly.

Plans Being Completed.
ADDITION Cost, $100,000
SAN FRANCISCO. Turk and Mason Streets.
Nine-story steel frame and concrete addition to Oxford Hotel (30 rooms).
Owner—Arnold Haas.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Bids will be asked shortly.

Plans Being Prepared
ALTERATIONS Cost, $50,000
CHICO, Butte Co., Calif., Second and Salem Street.
Alterations and additions to hotel (add 50 bathrooms, 90 tubs, repair foundations, etc.)
Owner—Hotel Oaks, Chico.
Architect—G. N. Hilburn, 1213 I. St., Modesto.
Segregated bids will be taken in about two weeks.

11—ICE AND COLD STORPLANTS

BIDS WANTED
MARE ISLAND, Cal.—Until May 13 11 A. M., bids will be received by the Public Works Officer, U. S. Navy Yard Mare Island, for furnishing refrigerating equipment and installing same in Bldg. No. 570 at the Naval Prison, U. S. Navy Yard, Mare Island. Spec. No. 8216.
Plans and specifications may be obtained from above office and from the Bureau of Yards & Docks, Navy Department, Washington, D. C., upon deposit of $5.00.

BIDS WANTED
SAN DIEGO, Cal.—Until May 12, 11 A. M., bids will be received by Public Works Officer, 11th Naval District, Ft. of Broadway, San Diego, for refrigerating room at the Naval Operating Base (Marine Corps Rifle Range), San Diego. Spec. No. 8186.
Work includes furnishing and installing cold storage room, insulation and cold storage room door; air cooler in new cold storage room; refrigerating machine (air cooled) necessary piping between refrigerating machine and air cooler; electric work for lighting room in connection with the installation of refrigerating machinery.
Bidding data may be obtained from above office and from the Bureau of Yards and Docks, Navy Department, Washington, D. C., upon deposit of $10.

12— POWER PLANTS

BIDS OPENED
BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Boulder City, under Spec. No. 780-D, for construction of rubber-tile floor covering for the Boulder Power Plant and Switchyard Relay House, Boulder Canyon Project:
L. D. Reeder Co., Los Angeles; $6000, f.o.b. Watertown, Mass.; $6500, f.o.b. Boulder City.
D. A. Pancoast Co., San Francisco: $6322, f.o.b. South Braintree, Mass. and Philadelphia; $6735, f.o.b. Boulder City.
Barker Bros., Inc., Los Angeles. $6700, f.o.b. Akron, Ohio, or South Braintree; $7150, f.o.b. Boulder City.
Lindley Carpet Co., Inc., Los Angeles: $6790, f.o.b. West Braintree, Mass. and Los Angeles; $7300, f.o.b. Boulder City.
Broadway Department Store, Inc., Los Angeles: $6800, f.o.b. Trenton, N. J.; $7300 f.o.b. Boulder City.
E. H. O'Neill Floors Co., Chicago. $6,761, f.o.b Chicago; $7480, f.o.b. Boulder City.
Seaside Products Corp., Los Angeles: $8000, f.o.b. Boston; $8400, f.o.b. Boulder City.
Van Fleet-Freear Co., Los Angeles: $8060, f.o.b. Chicago and Los Angeles; $8478, f.o.b. Boulder City.
Bids held under advisement.

BIDS OPENED
BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Boulder City, under Spec. No. 778-D, for the construction of sheet-metal work for the cooling and ventilating system for the Boulder Power Plant, Boulder Canyon Project:
Rees Blow Pipe Mfg. Co., Inc., San Francisco: $6500, f.o.b. Boulder City.
Ace Metal Products Co., Los Angeles, $7771; f.o.b. Los Angeles; $7987, f.o.b. Boulder City.
J. Herman Co., Los Angeles, $8500, f.o.b. Los Angeles; $8700, f.o.b. Boulder City.
Chicago Metal Mfg. Co., Chicago, $11,750, f.o.b. Chicago.
Bids held under advisement.

CONTEMPLATED
SONOMA COUNTY, Cal.—Board of Supervisors has authorized County Purchasing Agent Henry Wallace to investigate cost of a Diesel power plant to furnish electricity for the new county-hospital.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BONDS VOTED
WILLIAMS, Colusa Co., Cal.—City of Williams voted bonds in amount of $21,000 April 21 to finance construction of a one-story city hall and firehouse.
Plans prepared by Architects Starks and Flanders, Forum Bldg., Sacramento.

Bids Wanted—To Close May 12, 2 P. M.
IMPROVEMENTS Cost, $——
SACRAMENTO, Sacramento Co., Cal. State Capitol.
Improvements to Senate and Assembly Rooms in the State Capitol (work involves alterations and improvements to certain rooms on second and fourth floors, incidental work in attic and roof, etc.
Owner—State of California.
Architect—Geo B. McDougall, State Architect, Public Works Building, Sacramento.
Bids are being taken as follows:
(1) General Work.
(2) Heating and Ventilating.
Plans and specifications may be obtained from above office upon deposit of $25.00.

Plumbing and Heating Contracts Awarded
COURT HOUSE Cont. Price, $424,432
SALINAS, Monterey Co., Calif. Site of Old County Courthouse (Cayuga Street).
Three - story reinforced concrete fireproof court house (reinf. concrete foundations, steam heating plant, gas fired boilers, temperature control, composition roof, etc.)
Owner—County of Monterey.
Architect—Robert Stanton, Del Monte Hotel, Del Monte, and Chas. Butner, Glikbarg Bldg., Salinas.
Engineer—Richard Ware, care architect.
Mechanical Engineer—G. M. Simonson 74 Montgomery St., San Francisco
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Plumbing and Heating—J. A. Nelson 1375 Howard St., San Francisco.
Other awards reported April 20.

Roofing Contract Awarded
AUDITORIUM Cont. Price, $109,535
EUREKA, Humboldt Co., Calif. F St. between 11th and 12th Streets.
One - story and balcony civic auditorium (main auditorium 100 feet square; stage secondary room, large foyer, etc.; concrete walls, steel trusses, steel balcony, wood sheathing, interior redwood finish, steel sash, hot air heating system ventilating system, etc.; to seat 2400).
Owner—City of Eureka.
Architect—F. T. Georgeson, 537 G St., Eureka.
Structural Engineer—W. H. Ellison, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.
Other awards previously reported.

BIDS WANTED
SACRAMENTO, Cal—Until May 19, 2 P. M., bids will be received by Geo. B. McDougall, State Architect, Public Works Bldg., 11th and P Streets, Sacramento, for furnishing and installing sheet metal work for the heating and ventilating system in the new cell block, Folsom State Prison, Represa. Work involves duct system, including covering, for the supply and exhaust ventilation system in the new cell block comprising 400 cells.
Plans and specifications may be obtained from above office. No deposit required.

Planned
FIRE STATION, ETC. Cost, $——
PORTERVILLE, Tulare Co., Calif.
New fire station ,tool and equipment building.
Owner—City of Porterville.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Application will be filed with PWA.

14— RESIDENCES

Plans Being Figured—Bids Close May 8th 10 A. M.
RESIDENCE Cost, $——
WALNUT CREEK, Contra Costa Co.
One-story and basement brick veneer frame and stucco residence (eight rooms; 3 baths) tile roof, warm air heating system, steel sash, tile baths, hardwood floors, etc.
Owner—Harvey Ennor.

Architect—B. Reede Hardman, 2068 Allston Way, Berkeley.
E. P. Seaman, Walnut Creek.
B. S. Booth, 91 Nova Drive, Piedmont.
Irving Graves, 631 Valle Vista Ave., Oakland.
J. W. Krafft, 1052 Nelson St., Berkeley.
Chas. M. Norgrove, 2220 Roosevelt Ave., Berkeley.
Harry Kane, 921 Ramona, Albany.

Plans Being Prepared.
RESIDENCE Cost, $5000
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One-story and basement frame and stucco residence (5 rooms) tile and composition roofing, gas heating system, steel and wood sash, hardwood floors, tile bath, etc.
Owner and Builder—Oscar Harjulin, 867 Eddy St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Sub-bids will be taken within a few days.

Contract Awarded
RESIDENCE Cont. Price, $5,400
CARMEL, Monterey Co., Calif.
One - story and basement frame and stucco residence (6 rooms) shingle roof, gas heating system, hardwood floors, wood sash, etc.
Owner—W. Duane.
Architect—C. J. Ryland, Carmel.
Contractor—Wm. C. Sweeney, Pacific Grove.

Contract Awarded
RESIDENCE Cost, $6,500
SAN FRANCISCO, Calif., W. Texas, 50 ft. S. 18th St.
One-story and basement frame and stucco residence.
Owner—J. M. Weiss, 293 Pennsylvania Street.
Architect—D. E. Jaekle, 126 Post St.
Contractor—John Carlson, 2239 Bryant Street.

Contract Awarded
RESIDENCE Cost, $12,000
SAN FRANCISCO, St. Francis Wood, N. Yerba Buena, E. Santa Monica.
Two-story and basement frame and stucco residence (7 rooms and 2 baths).
Owner—Mr. Von Golden.
Architect—L. A. Kruse. 251 Kearny Street.
Contractor—Thos. A. Cuthbertson, 430 Noriega St.

Plans Being Prepared
RESIDENCE Cost, $5,000
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One - story and basement frame and stucco residence (5 rooms) tile & composition roofing, steel and wood sash, gas heating system, hardwood floors, tile bath, etc.
Owner and Builder—W. C. Akard, 225 Cervantes Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Sub-bids will be taken within a few days.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. N Washington St. E Mason St.
Two one-story and basement frame and stucco residences.
Owner and Builder—L. Polidoro, 780 Vallejo St., San Francisco.
Architect—Not Given

Sub-Contracts Awarded.
STOCKTON, San Joaquin Co., Calif. West Moore's Addition.
One-story frame and stucco residence (five rooms) shingle roof, gas furnace, steel sash, hardwood floors.
Owner—American Legion Post No. 16.
Architect—J. U. Clowdsley, Exchange Building, Stockton.
Contractor—Paul Dobson, 1150 West Harding Way, Stockton.
Plumbing—A. D. Ray.
Electric Wiring—Eddy Electric Co.
Heating—Fraser Furnace Co.
Sheet Metal—A. D. Ray.
Tile Work—H. P. Fischer Tile & Marble Co., Sacramento.
Brick Work—Charles Miller.
Lathing and Plastering—Elmer Gordon.
Lumber—San Joaquin Lumber Co.
Hardware—Austin Brothers.
Painting—Jack La Farque.
Steel Sash—Fisher Brothers.
Concrete—Charles Miller
Flooring—McLeans.
Reinforcing Steel—Austin Bros.
All of Stockton unless otherwise noted.

Sub-Contracts Awarded.
RESIDENCE Cost, $5500
LOS ALTOS, Santa Clara Co., Calif.
Two-story frame residence (split shake roof, etc.)
Owner—Milton Clark.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—Henry Papenhausen, 595 Victoria St., San Francisco.
Plumbing—Higgins & Kraus, 741 Tehama St., San Francisco.
Electric Wiring—Valley Electric Co., Mountain View.
Sheet Metal—Colan Heating & Sheet Metal Co., 1060 Folsom St., San Francisco.
Glass—Hovious Glass Co., 4861 Mission St., San Francisco.
Brick Work — Wm. Heidenreich, 129 Shotwell St., San Francisco.
Lumber—Spring Valley Lumber Co., San Francisco.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Mill Work—Warden Bros., San Francisco.
Painting—Reliable Painting Co., 3247 19th St., San Francisco.
Concrete—Anderson Bros., Palo Alto.

Plans Being Figured—Bids Close May 8, 4 P. M.
RESIDENCE Cost, $——
LAFAYETTE, Contra Costa Co., Cal.
Two-story adobe residence (8 rooms and 3 baths) probably composition roofing, oil burning heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Mr. McAllister.
Following will submit bids:
A. McLeod, Lafayette.
J. W. Busekist, Lafayette.
Arnold Smith, Lafayette.

Bids Rejected
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Cal. Euclid Avenue.
Two-story frame and stucco residence (6 rooms) shingle roof, gas warm air heating system, wood sash, hardwood floors, etc.
Owner—H. J. Baker.
Architect—B Reede Hardman, 2068 Allston Way, Berkeley.
Plans will be revised and new bids asked at a later date.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
REDWOOD CITY, San Mateo Co. Cal. 217 Hudson Street.
One - story and basement frame and stucco residence.
Owner and Builder—E. J. Carr, 936 Iris St., Redwood City.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $7500
SAN MATEO, San Mateo Co., Calif.
Two-story frame and stucco residence (7 rooms and 3 baths) shake roof gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $5,500
MILLBRAE, San Mateo Co., Calif. Palm Avenue.
One - story and basement frame and stucco residence.
Owner—E. J. Hartwell.
Architect—Not Given.
Contractor—E. W. Latimer, 128 13th Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $6,000
STOCKTON, San Joaquin Co., Calif. 2652 Kensington Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner—M. A. Hughes, 900 W Rose St. Stockton.
Architect—Not Given.
Contractor—P. C. Hunt, P. O. Box 104, Stockton.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. Merriewood Tract.
Two - story frame residence (redwood siding, composition roofing, etc.)
Owner—H. Crandall.
Architect—Not Given.
Contractor—Frank Foster, 4 Avon Rd. Berkeley.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 17 Camelsford Place.
Two-story frame and stucco residence (five rooms).
Owner—Hazel Brereton.
Architect—Not Given.
Contractor—Thos. O. Reese, 618 Victoria St., San Leandro.

Contract Awarded
ALTERATIONS Cost, $3,541
ALAMEDA, Alameda Co., Calif. 1315 Dayton Avenue.
Alterations to residence.
Owner—Dr. Harold and Ellen Smithies.
Architect—Mildred Meyers, 2021 Alameda St., Alameda.
Contractor—Ben Kopf, 845 Pacific Avenue, Alameda.

Sub-Bids Being Taken.
RESIDENCE Cost, $50,000
ORINDA, Contra Costa Co., Calif.
Two-story & basement frame, stucco and brick residence.
Owner—R. F. Rheem.
Architect — Clarence A. Tantau, 210 Post St., San Francisco.
Contractor—Chas. Stockholm & Sons, Russ Bldg., San Francisco.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. W. Louisburg S Mt. Vernon.
Four one - story and basement frame and stucco residences.
Owner and Builder—S. A. Giusti, 200 Green Street.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. N Rivera W 29th Avenue.
Two one - story and basement frame and stucco residences.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera Street.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Avenue.

Contract Awarded
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. S Underwood E Lane Street.
Two one - story and basement frame
Owner—F. Carraro, 700 Felton St.
Architect—Not Given.
Contractor—G. Carraro & Sons, 750 Felton Street.

Contract Awarded
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 26th Avenue N Rivera Street.
Five one - story and basement frame and stucco residences.
Owner and Builder—Arco Bldg. Co., 4708 Mission Street.
Architect—Not Given.

Plans Completed.
RESIDENCE Cost, $——
YOLANDO, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms and 2 baths; rumpus room down stairs); composition shingle roof, oil plant for heating system, tile baths, hardwood floors wood sash, etc.
Owner—I. A. Links, 2 Yolando Drive, San Anselmo.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
General bids will probably be asked.

Contract Awarded.
RESIDENCE Cost, $6500
ALAMEDA, Alameda Co., Cal. No. 3104 Gibbons Drive.
One-story and basement frame and stucco residence (6 rooms).
Owner—C. P. Haulman, 1243 Broadway, Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.

Contract Awarded
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two - story and basement frame and stucco residence.
Owner—J. S. Winfrey.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—David Nordstrom, 4150 Emerald St., Oakland.

April 27, 1936

Contract Awarded
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. 485 Grizzly Peak Blvd.
Two - story frame, rustic and brick veneer residence (6 rooms).
Owner—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Plans by Mr. Snyder.
Contactor—A. T. Beckett, 224 Scenic Ave., Berkeley. *

Plans Being Figured—Bids Close May 5th, 5 P M.
RESIDENCE Cost, $——
WATSONVILLE, Santa Cruz Co., Cal.
One - story and basement frame and stucco residence (5 rooms) tar and gravel roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Following is a partial list of contractors:
T. H. Rosewall, 422 3rd St., Watsonville.
F. C. Carlsen, 336 Lincoln Ave., Salinas.

Contract Awarded
RESIDENCE Cost, $——
BURLINGAME HILLS, San Mateo Co.
Two - story and basement frame and brick veneer residence (9 rooms 3 baths) shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Lester K. Bishop.
Architect—Leo Sharps, 1404 Burlingame Ave., Burlingame.
Contractor—George Arthur, 16 West Santa Inez Ave., San Mateo. *

Sub-Bids Being Taken.
RESIDENCES Cost, $7000 each
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd.
Three two-story frame and stucco residences (6 rooms, 2 baths each) shingle roof, steel sash, tile baths, hardwood floors, gas heating system, etc.
Owner and Builder—Randolph Parks, 1817 Yosemite St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Low bidder
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Cal. Euclid Avenue.
Two-story frame and stucco residence (6 rooms) shingle roof, gas warm air heating system, wood sash, hardwood floors, etc.
Owner—H. J. Baker.
Architect—B. Reede Hardman, 2068 Allston Way, Berkeley.
Low Bidder—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. *

To Ask Bids Within Few Days.
RESIDENCE Cost, $——
LAFAYETTE, Contra Costa Co., Cal.
Two-story adobe residence (8 rooms and 3 baths) probably composition roofing, oil burning heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—B. Reede Hardman, 2068 Allston Way, Berkeley.

Preparing Working Drawings
SORORITY HOUSE Cost, $40,000
BERKELEY, Alameda Co. Cal. Channing Way.
Two-story frame, stucco and brick sorority house.
Owner—Gamma Phi Beta, 2732 Channing Way, Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids will be asked in about thirty days. *

To Be Done By Day's Work.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. No. 950 Park Lane.
Two-story frame and stucco residence (six rooms).
Owner and Builder—David Kesti, 2217 Browning St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $7500
SAN FRANCISCO. Edgehill Way near Garcia Street.
One-story and basement frame and stucco residence.
Owner—Chas. N. Cartwright, 167 Hernandez St., San Francisco.
Architect—Not Given.
Contractor—A. J. Wilbe, 50 Harry St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 201 Thirty-second Avenue.
Alterations to residence.
Owner—G. W. Mountford, Premises.
Architect—Not Given.
Contractor—J. F. Linder, 617 Moraga St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. N Crestlake W Sloat Blvd.
Four one-story and basement frame and stucco residences.
Owner and Builder—A. J. Herzig, 700 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded.
BUNGALOW COURT Cost, $18,800
SAN RAFAEL, Marin Co., Calif.
Frame and stucco bungalows (bungalow court).
Owner—Joseph Santos, San Rafael.
Architect—Not Given.
Contractor—A. Von Rotz, 40 Greenfield Ave., San Anselmo.

Contract Awarded.
RESIDENCE Cost, $6496
FAIRFAX, Marin Co., Calif.
One-story and basement frame and stucco residence (5 rooms).
Owner—Joseph T. O'Connor, Fairfax.
Plans by Frank Allen, Ross.
Contractor—Leibert & Trobock, Albert Bldg., San Rafael.

Low Bidder.
RESIDENCE Cost, $10,000
SAN FRANCISCO. Shrader Street.
Two-story and basement frame and stucco residence (7 rooms and 2 baths).
Owner—Edgar Meakin.
Archotect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder — Moore & Roberts, 693 Mission St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $12,000
PALO ALTO, Santa Clara Co., Calif. No. 407 Hale Street.
Two-story and basement frame and stucco residence.
Owner—S. W. Waterhouse, 1570 Cowper St., Palo Alto.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor—E. J. Schmalling, 863 Melville Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $8500
PALO ALTO, Santa Clara Co., Calif. No. 2361 South Court St.
Two-story board and batten residence
Owner—A. B. Sylvia, 235 Webster St., Palo Alto.
Architect—John Dinwiddie, 1691 25th Ave., San Francisco.
Contractor — A. J. Wilbe, 944 Phelan Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6500
MODESTO, Stanislaus Co., Calif.
Two-story frame and stucco residence (7 rooms and 2 baths).
Owner—Mr. Sido.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor — Robert Carlson, P. O. Box 71, Modesto.

Contract Awarded.
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Calif.
Two-story adobe residence (6 rooms).
Owner—W. C. Crook.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—D. H. Gibbons, 1726 9th St., Modesto.

Contract Awarded
RESIDENCE Cost, $——
LOS ALTOS, Santa Clara Co., Cal.
One - story concrete residence (four rooms) Pacific Coast Aggregates unit).
Owner — Frank McIntosh, New York City.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—C. O. Bradhoff, 911 55th St. Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
REDWOOD CITY, San Mateo County.

Two-story frame and stucco residence
Owner—J. L. Maxwell, 144 King St., Redwood City.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
SACRAMENTO, Sacramento Co., Cal. No. 1814 Castro Way.
Two-story frame and stucco residence
Owner—J. J. Seidell, 2684 18th St., Sacramento.
Architect—Not Given.
Contractor—Roy Hess, 2200 P St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $7995
SAN MATEO PARK, San Mateo Co.
One and one-hlf-story frame and stucco residence.
Owner—Vera W. Maple, 1466 Bellevue Ave., Burlingame.
Architect—Not Given.
Contractor—R. A. White, 744 Crossway Road, Burlingame.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. W Twenty-second Ave. S Noriega Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah St., S. F.
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCE Cost, $——
WOODBRIDGE, San Joaquin Co., Cal.
Two-story residence (7 rooms and 3 baths) shingle exterior walls, wood shingle roof, oil burning heating system, wood sash, hardwood and lincleum floors, tile sinks, double garage, etc.
Owner—P. W. Bonine.
Architect—Victor Galbraith, 221 East Acacia St., Stockton.
Contractor—H. V. McDaniel, 1429 Pinchot St., Stockton.
Plumbing—Frank's Plumbing Shop Stockton.
Electric—Home Electric Co., Modesto
Tile—Fischer Tile Co., Sacramento.
Brick Work—Dick Williams, Stockton
Lathing and Plastering—L. C. Perry, Stockton.
Lumber—Wright Lhr. Co., Stockton.
Hardware—Austin Bros., Stockton.
Structural Steel—Construction Device Co., 712 Bryant St., San Francisco
Painting—McKee & Kopp, Lodi.
Reinforcing Steel — Construction Device Co., 712 Bryant Street, San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal. No. 77 Bonnie Lane.
Two-story frame and stucco residence (five rooms).
Owner and Builder—A. E. Gould, 1665 Thousand Oaks Blvd., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5276
SAN MATEO, San Mateo Co., Calif Aragon Tract.
One and two-story frame, stucco and rustic residence (6 rooms).
Owner—Walter S. Vandervoort, 575 Lytton St., San Mateo.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.
Contractor—C. E. Fowler, 829 Edgehill Drive, Burlingame.

Contract Awarded.
RESIDENCE Cost, $3500
OAKLAND, Alameda Co., Cal. No. 1326 E-Twenty-first Street.
One-story frame and stucco residence (3 rooms).
Owner—John Carlson, 1330 E. 21st St., Oakland.
Architect—Guy L. Brown, American Bldg., Oakland.
Contractor—H. Garanson, 3476 Laguna Ave., Oakland.

Preparing Plans—Contract Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO. Monterey Heights
Two-story and basement frame and stucco residence (7 rooms and 3 baths) Monterey type; composition shingle roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—W. H. Arnold.
Architect—Conrad Kett, 519 California St., San Francsico.
Contractor — Paul Wolter, 72 Fernwood Drive, San Francisco.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 5943 Monzal Avenue.
Two-story frame and stucco residence (six rooms).
Owner—W. Roberts.
Architect—Not Given.
Contractor — H. L. Crocker, Jr., 30 Wilding Lane, Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. No. 300 Santa Rita Avenue.
Two-story and basement frame and stucco residence.
Owner—C. E. Schink, 2299 Tasso St., Palo Alto.
Architect — Birge and David Clark, 310 University Ave., Palo Alto.
Contractor—Aro & Okerman, Box 433, Palo Alto.
Roofing—Elmer Reeder, Redwood City
Plumbing — Wallace & Stump, Mt. View .
Electric Wiring—Erskine Elec. Works, Redwood City.
Heating and Sheet Metal — Spangler Sheet Metal Works, Palo Alto.
Tile—Bloomquist Tile Co., Redwood City.
Glass—Acme Glass Co., Palo Alto.
Brick—Walker Bros., Menlo Park.
Lathing and Plastering — E. Gardner, Menlo Park.
Lumber — Merner Lumber Co., Palo Alto.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francsico.
Painting—O. R. North, Palo Alto.
Concrete—J. Emma & C. Bivona Co., Palo Alto.
Flooring—F. Backlund, Menlo Park.
Reinforcing Steel — Soule Steel Co., 1750 Army St., San Francisco.
Wood Sash — Schopke & Burke, Mt. View.

Sub-Contracts Awarded.
RESIDENCE Cost, $6500
SAN JOSE, Santa Clara Co., Calif. No. 1185 Calaveras Avenue.
Two-story frame and stucco residence (six rooms).
Owner—R. H. Borchers, 396 N-First St., San Jose.
Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.
Contractor—H. Andrade, 981 Harrison St., Santa Clara.
Plumbing—William Serpa, 497 N-13th St., San Jose.
Electric Wiring—University Electric Co., Santa Clara.
Glass—Pacific Mfg. Co., Santa Clara.
Lathing and Plastering—F. V. Plummer, 325 N-18th St., San Jose.
Lumber—Santa Clara Lumber Yard, Santa Clara.
Hardware—San Jose Hardware Co., San Jose.
Painting—G. M. Cahill, 763 E. Julian St., San Jose.
Concrete—Borchers Bros., San Jose.

Contract Awarded.
RESIDENCE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. No. 1032 Forty-sixth Street.
Two-story frame and stucco residence.
Owner—Dr. R. S. Tillotson, Medico-Dental Bldg., San Jose.
Architect—Not Given.
Contractor—L. L. Watson, 1768 11th Ave., Sacramento.

Contract Awarded.
RESIDENCE Cost, $7000
SACRAMENTO, Sacramento Co., Cal. No. 3844 McKinley Blvd.
Two-story frame and stucco residence
Owner—Harold Leak.
Architect—Not Given.
Contractor — J. E. Edenhoffer, 3030 17th St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $8500
SACRAMENTO, Sacramento Co., Cal.
Two-story frame and stucco residence
Owner—Fred Pasquini, 2307 Front St., Sacramento.
Architect—Not Given.
Contractor — J. Johnson & Son, 1923 17th St., Sacramento.

Sub-Contracts Awarded.
RESIDENCE Cost, $——
LODI, San Joaquin Co., Calif.
Two-story residence (7 rooms and 2 baths) redwood boarding exterior, heavy shake doof, air conditioning system, wood sash, tile baths, hardwood floors, double garage, etc.(California Ranch type).
Owner—Dr. Rockhill.
Architect—Victor Galbraith, 221 East Acacia St., Stockton.
Contractor — F. C. Bender, 104 South Washington St., Lodi.
Plumbing—Henderson Bros., Lodi.
Electric Wiring—Electric Co., Lodi.
Heating and sheet Metal—Henderson Bros., Lodi.
Tile—H. P. Fischer Co., Sacramento.
Brick Work—Ray W. Stirm, Lodi.
Lathing and Plastering—J. Daccem, Lodi.
Steel Sash — Electric Planing Mill, Stockton.
Hardware—Austin Bros., Stockton.
Painting—J. L. Pinkering, Lodi.

Bid Opening Date Postponed Until May 7, 5 P. M.
RESIDENCE Cost, $——
WATSONVILLE, Santa Cruz Co., Cal.
One - story and basement frame and stucco residence (5 rooms) tar and gravel roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Following is a partial list of contractors:
T. H. Rosewall, 422 3rd St., Watsonville.
F. C. Carlsen, 336 Lincoln Ave., Salinas.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Cal. El Camino Park.
Two-story frame and stucco residence (six rooms).
Owner—P. J. Pasetta, San Jose.
Architect—Martin J. Rist Phelan Bldg. San Francisco.
Mgr. of Const.—Charles Collins, 1139 Glenn Ave., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $——
CORNING, Tehama Co., Calif.
One-story frame residence (5 rooms).
Owner—Withheld.
Architect — O. A. Deichmann, 321 Bush St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
SAN JOSE, Santa Clara Co., Cal. El Camino Park.
Two-story frame residence (7 rooms) Colonial style.
Owner—Ralph Tibbitts, Santa Clara.
Architect—Martin J. Rist Phelan Bldg. San Francisco.
Mgr. of Const.—Charles Collins, 1139 Glenn Ave., San Jose.

Low Bidder
RESIDENCE Cost, $15,000
HAYWARD, Alameda Co., Calif.
Two-story rustic residence (10 rooms, 5 baths) shingle roof, gas heating system, hardwood floors, tile baths wood sash, etc.
Owner—Mr. Struble.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Low Bidder—A Holyoake, 2839 East Ave. Hayward.

Low Bidder
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Cal. Montclair Acres.
Two - story and basement frame and brick residence (shingle roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Howard L. Brooks, Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Jensen & Pedersen, 3443 Adeline St., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $——
RICHMOND, Contra Costa Co, Calif.
One - story and basement frame and stucco residence (5 rooms) shingle roof, gas floor furnaces, hardwood floors, wood sash, tile bath, etc.
Owner—Robert Johnson, Richmond.
Architect—Jas. Narbett, 462 31st St., Richmond.
Work will be one by day's labor under supervision of the owner.

Plans Being Figured—Bids Close May 5th, 5 P. M.
RESIDENCE Cost, $——
PITTSBURG, Contra Costa Co, Cal.
One - story and basement frame and stucco duplex residence (two 5-room residences) tile, tar and gravel roofing, floor furnaces, steel sash, hardwood floors, tile baths.
Owner—Mr. Donovan.
Architect—Jas. Narbett, 462 31st St., Richmond.

Plans Being Completed
RESIDENCE Cost, $——
PITTSBURG, Contra Costa Co, Cal.
One - story and basement frame and stucco duplex residence (two 5-room residences) tile, tar and gravel roofing, floor furnaces, wood sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—Jas. Narbett, 462 31st St., Richmond.

Plans Being Completed
RESIDENCE Cost, $——
RICHMOND, Contra Costa Co, Calif.
1½-story frame and stucco residence (7 rooms, 2 baths) tile roof, central heating plant, wood sash, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect—Jas. Narbett, 462 31st St., Richmond.

Plans Completed
RESIDENCE Cost, $——
PITTSBURG, Contra Costa Co, Cal.
One-story and basement rustic residence (5 rooms) shingle roof, wood sash, central heating plant, hardwood floors, tile bath, etc.
Owner—E. Gubbins, Pittsburg
Architect—Jas. Narbett, 462 31st St., Richmond.
Bids will be asked immediately.

Contract Awarded
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Calif.
Two-story frame and stucco residence (6 rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Jacoby.
Architect—Jas. Narbett, 462 31st St., Richmond.
Contractor—Guay Const. Co., 415 San Pablo Ave, Berkeley.

Plans Being Completed.
RESIDENCE Cost, $14,000
PIEDMONT, Alameda Co., Calif. St. James Wood.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, gas heating system , steel and wood sash, hardwood floors, tile baths, etc.) Early California Spanish Type.
Owner—Withheld.
Architect — Williams & Wastell, 374 17th St., Oakland.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. 44 Bowles Place.
Two-story frame and stucco residence (six rooms).
Owner—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—Not Given.
Contractor—R. Woodburn, 624 Prospect Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $4,800
SAN FRANCISCO. E 46th Avenue N Noriega Street.
One-story frame and stucco residence five rooms).
Owner—Milton H. Schmidt, 4116 Moraga Street.
Architect—Not Given.
Contractor—Aetna Const. Co., 238 Arleta Avenue.

Contract Awarded.
RESIDENCE Cost, $16,000
MERCED, Merced Co., Cal. No. 256 27th Street.
Two-story and basement frame and stucco residence (12 rooms and 4 baths) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Senator A. S. Schottky.
Architect—Chas. Butner, 51 Maple St. Salinas.
Contractor—R. Pedersen, 446 Clark St., Fresno.

Contract Awarded.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two-story and basement frame and stucco residence (8 rooms, 3 baths)
Owner—Dr. Harold Morse.
Architect—J. K. Ballantine, 137 Harlan Place, San Francisco.
Contractor—T. D. Courtright, 349 41st St., Oakland.

Low Bidder.
RESIDENCE Cost, $——
PITTSBURG, Contra Coosta Co., Cal.
One and one-half-story frame and stucco residence (6 rooms) asbestos shingle roof, gas heating system, hardwood floors, tile bath).
Owner—E. H. Fischer, Pittsburg.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Low Bidder—G. Seeno, Pittsburg.

To Be Done By Day's Work.
RESIDENCES Cost, $6000 each
SAN FRANCISCO. SE Twenty-fourth & Ocean Ave. and NE 24th Ave. and Eucalyptus Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—R. F. Galli, 377 West Portal Ave., San Francisco.
Plans by Owner.

Plans Being Prepared.
RESIDENCES Cost, $——
SANTA ROSA, Sonoma Co., Calif. Wright, Benton, North and 13th Streets.
Four one-story and basement frame and stucco residences.
Owner—Grover C. Stone et al, Santa Rosa.
Plans by James Bros., Santa Rosa.
Contractor—James Bros., Santa Rosa.
Additional residences will be erected shortly.

To Be Done By Day's Work.
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. 209 Florence Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Morgensen Bros. 5664 Broadway, Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 1823 Casterline Road.
Two - story and basement frame and stucco residence (7 rooms).
Owner and Builder—Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given.

Sub-Bids Being Taken
RESIDENCE Cost, $10,000
SAN FRANCISCO. Maywood Street.
Two - story and basement frame and stucco residence (7 rooms and 3 baths) composition roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—H. Seamen.
Architect—Conrad Kett, 519 California Street.
Contractor—Paul Wolter, 72 Fernwood Drive.

Sub-Contracts Awarded
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
One - story and basement residence (5 rooms) shingle exterior walls, hardwood and tile floors, gas heating system, wood sash, tile bath.
Owner—B. N. Brandstead.
Architect—Victor Galbraith, 221 East Acacia St., Stockton.
Contractor—H. V. McDaniel, 1429 Pinchot St., Stockton.
Plumbing—Frank's Plumbing Shop, Stockton.
Electric Wiring—Home Electric Co., Stockton.
Heating—Fraser Furnace Co, Stockton.
Tile—Fischer Tile Co., Sacramento.
Brick Work—Ray Sturm, Stockton.
Lathing and Plastering—L. C. Perry, Stockton.
Lumber—Wright Lbr. Co., Stockton.
Steel Sash—Walter Zerwick, Stockton
Reinforcing Steel — Construction Device Co., 712 Bryant Street, San Francisco.
Concrete—Madsin & Goulds, Stockton.

Contract Awarded.
RESIDENCE Cost, $6500
STOCKTON, San Joaquin Co., Calif. No. 2670 Kensington Avenue.
Two-story frame and rustic residence (6 rooms).
Owner—Henry M. Bransted.
Architect—Not Given.
Contractor—H. V. McDaniel, 1429 E. Pinchot St., Stockton.

15— SCHOOLS

Bid Opening Date Postponed Until 11th, 10 A. M.
SCHOOL Cost, $——

SAN FRANCISCO. Franklin St. and Broadway.
Three - story reinforced concrete parochial school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—H. A. Minton, 525 Market.
Engineer—L. H. Nishkian, 525 Market.
Date was previously set for May 14 but has been changed to May 11th, 10 A. M.

Bid Opening Date Postponed Until May 14, 5 P. M.
ADDITION Cost, $103,680
BAKERSFIELD, Kern Co., Calif.
Two - story reinforced concrete extension to library (plaster acoustic exterior finish, metal lath and plaster interior partitions, concrete floors, steam heating system, Crane Company or equal plumbing goods, seasoned birch interior finish, tile roofing, etc.)
Owner—Kern Co. Union High School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Plans and specifications may be obtained from the architect.

Bids Rejected
RESIDENCE HALL Cost, $275,000
PULLMAN, Wash. Campus of State College.
Four-story and basement reinf. concrete residence hall (brick panel walls, etc.) 168x160 feet.
Owner—State of Washington.
Architect—S. A. Smith, State College, Pullman.
Low bids follow:
General Work—McDonald Bldg. Co., 1517 South Tacoma Way, Tacoma, $249,198.
Electric — NePage McKenny Co., 804 6th St., Seattle, $14,650.
Heating & Ventilating—Advance Plbg. & Htg. Co., 1531 Pacific, Tacoma, $28,826.
Plumbing — H. D. Powell, Pullman, $29,990.
Complete bids follow:
General Work
McDonald Bldg. Co., 1517 S Tacoma Way(Tacoma, $249,198; Hoard Engr. Co., McDowell Bldg., Seattle, $254,-649; Howard S. Wright Co., 2210 2nd. Seattle, $258,777; Henrikson - Alstrom Const. Co., Textile Tower, Seattle, $270,500.
Electric
NePage McKenny Co., 804 6th S, Seattle, $14,650; Brown-Johnston Co., N 118 Lincoln, Spokane, $15,142; Stewart Electric Co., 2400 S 1st, Seattle, $15,340; Tinling and Powell, Inc., 27 Main Ave., Spokane, $15,500; J. J. Agutter and Co., 600 Harrison, Seattle, $15,890 Electric Smith, S 180 Howard, Spokane, $17,748.
Heating and Ventilating
Advance Plumbing and Heating Co. 1531 Pacific, Tacoma, $28,826; University Plbg. & Htg. Co., 3939 University Way, Seattle, $30,338 DeLong Plb. Co., Main St., Pullman, $32,-446; A. G. Rushlight, 407 S E Morrison, Portland, $33,661 H. D. Powell, Pullman, $33,900.
Plumbing
H. D. Powell, Pullman, $29,990; Advance Plbg. & Htg. Co., 1531 Pacific, Tacoma, $30,587; DeLong Plbg. Co., Main St., Pullman, $32,000; University Plumbing and Heating Co., 3939 University Way, Seattle, $33,200.
Plans will be revised and new bids asked at a later date.

BIDS OPENED
SAN FRANCISCO.—General Seating Co., 160 2nd St., at $13,971 submitted low bid to Department of Public Works, Room 251, City Hall, for the installation of blackboards in the following schools:
Excelsior School: Excelsior Avenue and London Street.
Andrew Jackson School: Grove St. between Clayton and Cole.
Grattan School: Schrader Street between Alma and Grattan.
F. J. McCoppin: Seventh Ave. bet. Balboa and Cabrillo.
Commodore Sloat School: Junipera Serra Blvd. between Darien Way and Ocean Avenue.
Complete bids follow:
General Seating Company.....$13,971
American Seating Company..... 14,890
Rucker-Fuller Company..... 15,880
R. Brandlein & Co..... 16,582
Bids held under advisement.

Contracts Awarded
PHYSICAL ED. BLDG. $400,000
PULLMAN, Washington.
Four-story health and physical education building (152x180 ft.) gymnasium, swimming pool, exercise rooms, etc.
Owner—State of Washington.
Architect—S. A. Smith, State College, Pullman.
Contractor—Hoard Engineering Co., McDowell Bldg., Seattle, $301,202.
Heating and Ventilating—University Plumbing and Heating Co., 3939 University Ave., Seattle, $45,429.
Plumbing—Advance Plbg. & Htg. Co. 1531 Pacific, Tacoma, $15,891.
Electric—Wire Electric Co., 3580 Tacoma Way, Tacoma, $13,842.
Other bids follow:
General Work
Henrikson-Alstrom Const. Co., Textile Tower, Seattle, $276,800, basic; Alloway and Georg, Hutton Building, Spokane, $333,977, basic.
Heating and Ventilating
Advance Plumbing and Heating Co. 1531 Pacific, Tacoma, $39,485; H. D. Powell, Pullman, $43,000 A. G. Rushlight and Co., 407 SE Morrison, Portland, $46,280.
Plumbing
University Plumbing & Heating Co. 3939 University Way, Seattle, $17,990; H. D. Powell, Pullman, $17,990; DeLong Plumbing Co., Main St., Pullman, $18,140.
Electric
Tinling and Powell, Inc., 27 Main Ave., Spokane, $12,644; NePage McKenny Co., 804 6th S, Seattle, $13,-500; Maxwell and Franks, 1st and Wall, Spokane, $17,082.

BIDS OPENED
SAN FRANCISCO.—General Seating Co., 160 Second St., at $75 submitted low bid to Department of Public Works, Room 251, City Hall, for furnishing and installing American slate blackboards at the Madison School, Clay Street between Arguello Blvd. and Cherry Ave. Approximately 95 square feet, 3-ft. wide and ¼- to ⅜-in. in thickness, having a minimum length of 4 ft. 6 in., will be required.
Only other bid was submitted by Fred. E. Turner at $83.15.
Bids held under advisement.

Plans Being Prepared
REHAB. SCHOOL Cost, $10,000
BERKELEY, Alameda Co. Calif
Rehabilitation of Willard Junior High School gymnasium
Owner—Berkeley Board of Education.
Consulting Architect—W. C. Ambrose. Berkeley Board of Education
Engineer—Thos. F. Chace, Berkeley Board of Education.

Bids Opened
ADDITION Cost, $——
UKIAH, Mendocino Co., Calif.
Addition to elementary school (add 2 classrooms to rear of south wing of present building) wood frame and cement plaster exterior.
Owner—Ukiah Elementary School District (E. E. Walter, Clerk).
Architect — Wm. Herbert, Rosenberg Bldg., Santa Rosa.
Low Bidder—F. F. Mitchell, Ukiah, $8,212.40.
Only other bid was submitted by Chas. Swanfelt, Ukiah, at $8,550.
Bids held under advisement.

Sketches Prepared.
GYMNASIUM Cost, $——
SAN FRANCISCO. Turk and Stanyan Streets.
New gymnasium (probably concrete construction) .
Owner—St. Ignatius High School.
Architect — Edward Eames, 216 Pine St,. San Francisco.
A drive is now under way to raise funds to finance proposed building.

Bids Wanted—To Close May 6, 7:30 P. M.
GYMNASIUM Cost, $50,000
SAN LUIS OBISPO, Cal. High School Campus.
One-story gymnasium (72x144 feet); steel frame structure, masonry walls, steel sash, maple floors, two sun decks, tile roof, electric wiring, metal skylights, stucco exterior, etc.
Owner — San Luis Obispo Board of Education.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $10.

Plans Being Figured—Bids Close May 14th, 2 P. M.
SCHOOL Cost, $——
SAN FRANCISCO. Franklin St. and Broadway.
Three - story reinforced concrete parochial school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—H. A. Minton, 525 Market.
Engineer—L. H. Nishkian, 525 Market.
Moore & Roberts, 693 Mission St., are figuring the plans and desire subbids on all portions of the work.

CONTRACT AWARDED
LOS ANGELES, Cal. — Patterson Bros., 345 Hobart St., Oakland, at $1838 awarded contract by Los Angeles Board of Education for painting and miscellaneous work on Unit No. 2 at the 66th Street School.

Preparing Preliminary Plans.
HIGH SCHOOL Cost, $115,000
AVENAL, Kings Co., Cal. Site to be selected.
New high school building (frame construction).
Owner — Lemoore Union High School District.
Architect—W. H. Weeks, 593 Market St., San Francisco.

Bids Opened.
CLASSROOM UNIT Cost, $75,000
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Brick classroom unit (17 classrooms; second unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Low Bidder — William C. Keating, 1121 24th St., Sacramento, at $57,-750.
Complete bids follow:
Wm. C. Keating, Sacto.....$57,750
F. A. Holdener, Sacto..... 57,890
Charles S. Unger, Sacto..... 58,372

COMPLETING PLANS
LOS ANGELES, Cal.—Architect S. Chas. Lee, 1648 Wilshire Blvd., is completing plans for a four-story and

PERIODICAL DEPT.

basement business college building to be built at the northwest corner of Wilshire and St. Paul Ave. for Chas. and Joseph Crail. The structure will be occupied by Woodbury College and will contain an auditorium, offices and classrooms. The construction will be of reinforced concrete, steel sash, steam heating, terrazzo and linoleum-covered floors, tiled toilet floors, elevator, ornamental iron, etc. Cost, $200,000.

LOW BIDDER

SOUTH PASADENA, Los Angeles Co., Cal.—Duff & Vandenhoogen, 733 W 11th St., Long Beach, submitted low normal bid to the South Pasadena High School District at $100,430 for reconstruction, strengthening and rehabilitation of the auditorium building at South Pasadena high school, corner of Diamond and Rollins Sts., South Pasadena, a PWA project. Marsh, Smith & Powell, 508 Architects Bldg., Los Angeles.

Preliminary Plans Completed.

GYMNASIUM Cost, $90,000
SACRAMENTO, Sacramento Co., Cal.
Sacramento Junior College.
Brick gymnasium (fifth unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.

Plans Being Completed.

AUDITORIUM Cost, $200,000
SACRAMENTO, Sacramento Co., Cal.
Sacramento Junior College.
Brick Fine Arts Building and auditorium to seat 1500 at Sacramento Junior College (Fourth unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Plans will be completed in about one week.

16—BANKS, STORES AND OFFICES

Bids Wanted—To Close May 6.

REROOF BANK Cost, $——
MADERA, Madera Co., Calif.
Reroofing bank building.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Dept. of Owner
Specifications on file in the Bank of America in Madera and in the office of the Capital Co., Fresno.
Bids will be received in the San Francisco office of the owner.

CONTRACT AWARDED

SAN FRANCISCO—Mullen Mfg. Co., 60 Rausch St., at $1300 awarded contract by Pacific Telephone & Telegraph Co., 140 New Montgomery St., for partitions, doors, transoms, hardware and door checks on the 25th floor of building at 140 New Montgomery St.

Contract Awarded

ALTERATIONS Cost, $6,000
SAN FRANCISCO. N Chestnut St. W Powell.
Alterations to offices.
Owner — Bauer Schweitzer Hop and Malt Co., 660 Sacramento St.
Architect—E. H. Denke, 1317 Hyde.
Contractor — Mission Concrete Constructors, 272 Turk St.

To Be Done By Day's Work

MARKET Cost, $15,000
MODESTO, Stanislaus Co., Calif., 12th and I Streets.
Drive-In Market (brick walls, concrete basement, porcelain enamel exterior).
Owner—Mr. Ester, c/o architect.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Work will be done under the supervision of the architect and the owner.

To Be Done By Day's Work.

STORE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal.
One-story store building.
Owner and Builder—Carl Koch, 3418 L St., Sacramento.
Architect—Not Given.

Plans Being Prepared

ALTERATIONS Cost, $8,000
SAN FRANCISCO. 310 Sansome St.
Alterations to lobby of Alaska Commercial Building (new floor covering, elevator fronts and cabs, four bronze doors, lighting fixtures, painting, decorating, etc.)
Owner—Walton N. Moore.
Architect—Albert Roller, Crocker 1st National Bank Building.
Agents—Norris, Beggs & Bace, 544 Market Street.
Bids will be asked in about three weeks.

Contract Awarded

ALTERATIONS Cost, $2,000
RICHMOND, Contra Costa Co., Calif. 2235 Macdonald Avenue.
Alterations for drug store.
Owner—Ben Malik and W. A. Hislop, Richmond.
Architect—Not Given.
Lessee—Conn Drug Company.
Contractor—J. A. Legault, 420 31st St. Richmond.

Contract Awarded.

ADDITION Cost, $11,000
FRESNO, Fresno Co., Calif.
Air conditioning system in the Griffith-McKenzie Building.
Owner—Fresno Estate Co., Fresno.
Architect—Not Given.
Contractor—Carrier Engineering Corp. Los Angeles.

CONTRACT AWARDED

WEST LOS ANGELES, Cal.—Austin Co., 777 E Washington Bldg., was awarded contract at $31,600 for construction of a three-story Class A reinforced concrete telephone, office and camera storage building at $10,260 Orton Ave., West Los Angeles, for 20th Century-Fox Film Corp.

Plans Being Figured—Bids Close May 4th, 2 P. M.

STORE Cost, $8,500
SONOMA, Sonoma Co., Calif.
One-story reinforced concrete store bldg. (composition and tile roofing, wood floors, skylights, etc.)
Owner—F. Clewe.
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.
Following will submit bids:
R. C. Lang, C. C. Bean and R. E. Murphy, all of Sonoma.

Plans Being Figured—Bids Close May 4, 3 P. M.

OFFICE BLDG. Cost, $15,000
MARYSVILLE, Yuba Co., Cal. NW Fourth and Oak Streets.
One-story brick office building.
Owner—Mr. Aaron.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Planned.

ALTERATIONS Cost, $14,000
WOODLAND, Yolo Co., Calif.
Alterations and additions to store building (new fixtures, lighting equipment, new windows, decorating, etc.)
Owner — Montgomery Ward & Co., 2825 E-14th St., Oakland.
Plans by Engineering Dept. of Owner.

Contract Awarded.

ADDITION Cost, $6000
SANTA CRUZ, Santa Cruz Co., Calif. Vine and Church Streets.
Addition to office building (add dental office, waiting room, business offices, 2 operating rooms, dressing and rest rooms, etc.)
Owner—Dr. Morris J. Gates.
Plans by Darrow Palmer.
Contractor — Darrow Palmer, 254 Branciforte Ave., Santa Cruz.

Contract Awarded.

ALTERATIONS Cost, $——
SAN JOSE, Santa Clara Co., Calif. NE Second and San Fernando Sts.
Alterations to building.
Owner — California Western States Life Insurance Co.
Architect—Not Given.
Contractor—W. M. Caldwell, 1241 Hedding St., San Jose.

Sub-Contracts Awarded.

OFFICES Cost, $10,000
SANTA ROSA, Sonoma Co., Calif.
One - story frame and stucco office building (four suites) central oil burning heating plant, composition roofing, steel sash, linoleum floors, etc.
Owner—Withheld.
Architect—C. A. Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor — William D. Rapp, 1413 17th St., Santa Rosa.
Plumbing—Geo. Mitchell, Santa Rosa.
Electric Wiring—Karl Stolting, Santa Rosa.
Sheet Metal—Ed Holtz, Santa Rosa.
Lumber—Henry Laws, Santa Rosa.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Wood Sash—Henry Laws, Santa Rosa

Contract Awarded.

ALTERATIONS Cost, $6500
SAN FRANCISCO. No. 1973 Ocean Avenue.
Alterations to stores and offices.
Owner — Benjamin Martin, 145 De Soto St., San Francisco.
Architect—Not Given.
Contractor—Thos. McCormick, 73 Hill St., San Francisco.

Contract Awarded

ALTERATIONS Cost, $3,000
SAN FRANCISCO. 3309 Fillmore St.
Alterations to cocktail room.
Owner—M. Cervelli, premises.
Plans by Irwin W. Goldstine, 1206 Oak Street.
Contractor—Robinson & Johnston, 180 Oak Street.

PLANNED

TUCSON, Ariz.—The Board of Directors, Arizona School for the Deaf and Blind, proposes remodeling the present administration building into a dormitory to be used by the younger children at the school. Henry O. Jaastad, 103 Miltonberg St., Tucson, architect.

Contract Awarded.

STORE Cost, $10,000
HOMEWOOD, Placer Co., Calif.
Two-story frame store building (market,, grocery, drug store and fountain, beauty shop, post office and two apartments).
Owner—Jake Obexer.
Architect—Not Given.
Contractor—H. O. Anderson, Truckee, Calif.

Preparing Preliminary Plans.

ALTERATIONS Cost, $——
SAN FRANCISCO. No. 222-230 Sansome Street.
Alterations and additions to two-story office building.
Owner—Edward Brown & Sons, 200 Bush St., San Francisco.
Architect—Gardner Dailey, 210 Post St., San Francisco.
Further details will be announced at a later date.

Additonal Sub-Contracts Awarded.
OFFICE BLDG. Cont. Price, $345,983
SACRAMENTO, Sacramento Co., Cal. N Street bet. 11th and 12th Sts.
Four - story reinforced concrete office building to house motor vehicle department offices) steam heating system, air conditioning, steel sash one freight elevator, three passenger elevators and two electric dumbwaiters).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Sheet Metal—Frank Z. Ahl, 2114 P St., Sacramento.
Miscellaneous Iron—A. J. Bayer, P. O. Box 2176, Arcade Sta., Los Angeles.
Roofing—Allyn L. Burr, 2714 28th St., Sacramento.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Other awards previously reported.

Contract Awarded
SALESROOM Cost, $12,000
SAN FRANCISCO. S Mission St. 60 E Main.
One-story Class C salesroom building.
Owner—Herbst Bros., 1525 Mission St.
Engineer—Norman Green, Sharon Building.
Contractor—F. R. Siegrist, 604 Mission Street.

BIDS WANTED
SAN FRANCISCO.—Until May 13, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, for the construction of a new administration building at the San Francisco Airport; Airport Contract No. 38. Building will be a reinforced concrete structure with reinforced concrete structural walls, metal lath and plaster partitions on metal studs, tile roof and will have a timber frame kitchen wing on northerly side.
Plans prepared by the Airport Bureau, 425 Mason Street.
Plans and specifications may be obtained from Room 605, 425 Mason St., upon deposit of $20.00.

Sub-Contracts Awarded
OFFICE BLDG Cost, $600,000
SACRAMENTO, Sacramento Co., Cal. South N Street bet. 11th and 12th.
Four - story reinforced concrete office bldg. (steam heating system, air conditioning system, etc.) Public Works Building.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Azevedo Const. Co., 920 O St., Sacramento.
Painting—D. Zelinsky & Sons, 165 Grove St., San Francisco.
Sheet Metal—M. R. Carpenter, 907 Front St., Sacramento.
Steel Forms and Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.
Cement Base—M. J. King, 234 Bay St. San Francisco.
Lathing and Plastering—J. M. King, San Francisco.
Steel Sash—Michel and Pfeffer Iron Works, Harrison and 10th Streets, San Francisco
Acoustial Tile — Western Asbestos Co., 675 Townsend St., San Francisco.
Directories—Tablet Ticket Co.
Glass and Glazing—W. P. Fuller and Co., 301 Mission St., San Francisco.
Mill Work—Capital City Planing Mill, 1812 9th St., Sacramento.
Architectural Terra Cotta—Gladding, McBean & Co., 660 Market Street, San Francisco.
Glass Blocks—Citrolite Const. Co. 1149 South Los Angeles St., Los Angeles.
Rolling Doors — P. O. Shelley, Call Bldg., San Francisco.
Roofing and Membrane Waterproofing—Bush Roofing Co., 750 Stockton Ave., San Jose.
Ornamental Metal Work — California Artistic Metal & Wire Co., 349 7th St., San Francisco.
Kalamein Doors—Forderer Cornice Works, 269 Potrero Avenue, San Francisco.
Pressed Metal Frames—Forderer Cornice Works, San Francisco.
Hollow Metal Steel Doors—Forderer Cornice Works, San Francisco.
Hollow Metal Fire Doors — Truscon Steel Co., 604 Mission Street, San Francisco.
Steel Deck and Joists—Palm Iron and Bridge Works, P. O. Box 746, Sacramento.
Miscellaneous Steel and Iron Works, Metal Sectional Partitions & Railings—Munthe Equipment Co., 102 New Montgomery St., San Francisco.
Vault Doors—Munthe Equipment Co., San Francisco.
Mail Chute & Flag Pole—Price Bldg. Specialties Co., 35 Stillman St., San Francisco.
Rubber Base and Shelf—H. W. Rivett Co., 2300 Y St., Sacramento.
Tile, Marble & Terrazzo—H. P. Fischer Tile & Marble Co., 1219 Jay St., Sacramento.
Micarta—F. C. Fritz, 420 21st Street, Sacramento.
Concrete—Sacramento Rock & Sand Co., Sacramento.
Integral Waterproofing—Tricosal Co.
Lumber—Diamond Match Co., Sacramento.
Wood Block Floors—Forsberg & Frise, 1865 49th St., Sacramento.
Hollow Tile and Brick—Cannon & Co. Sacramento.
As previously reported, electric contract awarded to Coast Electric Co., 2350 Cedar Ave., Long Beach, $40,167; heating and air conditioning to Luppen & Hawley, Inc., 3126 J St., Sacramento, $87,237; plumbing, Hately & Hately, 1710 10th St., Sacramento, $23,777; elevators to Westinghouse Electrical Elevator Co., 1 Montgomery St., San Francisco, $37,905.

Construction Postponed Indefinitely.
STORE Cost, $——
OAKLAND, Alameda Co., Cal. Grand Avenue near Perkins Street.
One-story store building (40x80 feet) tile front, concrete and frame construction, interior plaster finish, wood truss roof, etc.
Owner—Not Given.
Architect—Newsom & Newsom, Russ Bldg., San Francisco.
Low Bidder—George Maurer, 50 York Drive, Piedmont.

Contract Awarded.
STORE Cost, $10,000
SAN ANSELMO, Marin Co., Cal. San Anselmo and Tamalpais Aves.
One-story store building (tile and plate glass front, etc.)
Owner—J. W. King, San Anselmo.
Architect—Not Given.
Contractor—Ed Beebe, 30 Center St., San Rafael.

Plans Being Completed
OFFICES Cost, $8,000
HEALDSBURG, Sonoma Co., Calif. Matheson Street.
One - story reinforced concrete office building.
Owner—Pacific Tel. & Tel. Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded
PARAPETS, ETC. Cost, $1,000
SAN FRANCISCO. 60 Sansome St.
Parparets and bracing of tank supports.
Owner—The Continental Ins. Co. of New York.
Engineer—Jesse Rosenwald, 525 Market Street.
Contractor—Mills Const. Co., Russ Building.

Bids Wanted — To Close May 6, 12 Noon.
CLEANING, ETC. Cost, $——
ALAMEDA, Alameda Co., Cal. No. 500 Park Avenue.
Cleaning exterior and interior walls, hall corridors, etc., at Bank of America.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Dept. of Owner

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 1 South Park.
Alterations to offices.
Owner—American Tobacco Co. of the Pacific Coast.
Plans by Engineering Dept. of Owner.
Contractor—A. M. Hardy, 736 Clementina St., San Francisco.

17— THEATRES

Plans To Be Prepared
THEATRE Cost, $100,000
WOODLAND, Yolo Co., Calif.
New theatre building (replace structure recently destroyed by fire).
Owner—National Theatre Syndicate, 25 Taylor St., San Francisco.
Architect—S. Chas. Lee, 25 Taylor St. San Francisco, and 2404 W 7th St. Los Angeles.

Contract Awarded.
ALTERATIONS, ETC. Cost, $25,000
MERCED, Merced Co., Calif.
Alterations and additions to theatre (refrigeration unit, etc.)
Owner—Golden State Theatres Co., 25 Taylor St., San Francisco.
Architect—Not Given.
Contractor—Salih Bros., 25 Taylor St., San Francisco.
Refrigeration — Carrier Engineering Co., 748 E. Washington Blvd., Los Angeles.

Planned.
REBUILD THEATRE Cost, $——
WOODLAND, Yolo Co., Calif.
Rebuild theatre (recently destroyed by fire).
Owner—National Theatres Syndicate, 25 Taylor St., San Francisco (Geo. Mann, President).
Architect—Not Given.

18— WHARVES & DOCKS

BIDS OPENED
SAN FRANCISCO.—Malott & Peterson, 20th and Harrison Streets, at $25,371.50 submitted low bid to public Utilities Commission for P & B process covering of untreated piles to be used in constructing ferry slips on Yerba Buena Shoals; Shoals Contract No. 4.
Complete bids follow:
(1) 46,130 l.f. pile covering (per l.f.); (2) Total.
Malott & Peterson, S. F...(1) $ .55
.....(2) 25,371.50
Alta Roofing Co., S. F.....(1) .764
.....(2) 36,243.32
Bids held under advisement.

BID OPENING POSTPONED
BALBOA, Canal Zone — Until June 10, 11 A. M., (date postponed from May 27, previously reported), bids will be received by the Bureau of Yards and Docks, Navy Department, Wash-

ington D. C., under Spec. No. 7820, for the construction of a reinforced concrete wharf, bituminous macadam road and water and electrical services at the Naval Ammunition Depot, Balboa, Canal Zone. Estimated cost, $450,000.

Plans and specifications may be obtained from above office and from the Commandant, Fifteenth Naval District, Balboa, Canal Zone, upon deposit of $20.

BIDS OPENED

SAN FRANCISCO, Cal.—Healy Tibbitts Construction Company, 64 Pine Street, San Francisco, at $331,600 submitted low bid to Public Utilities Commission, for constructing Ferry Slips on the fill northwest of Yerba Buena Island; Shoals Contract No. 2. The contract includes furnishing material and erecting three passenger ferry slips on the west side of the fill and one freight ferry slip on the east side. Work includes furnishing and driving piles, constructing timber fenders, painting and miscellaneous metal work.

Plans prepared by W. P. Day, director of works for San Francisco Bay Exposition Corp., Financial Center Bldg.

Complete bids follow:

(1) deduct for Baffle Beam construction.

Healy Tibbitts Construction Co.		$331,600
	(1)	5,000
A. W. Kitchen Co.		339,470
	(1)	6,100
Duncanson Harrelson Co.		344,440
	(1)	4,980
Clinton Construction Co.		359,000
	(1)	6,000
San Francisco Bridge Co.		397,485
	(1)	5,000

Bids held under advisement.

19—MISC. CONSTRUCTION

Plans Being Prepared

SWIMMING POOLS Cost, $98,000

BAKERSFIELD, Kern Co., Cal.(Central, Beale and Jefferson Parks). Three reinforced concrete swimming pools (45x105-ft. each) bath houses etc.

Owner—City of Bakersfield.

Architect—Office of E. J. Symmes, Haberfelde Bldg., Bakersfield, in charge (Arthur Metcalf).

A bond election in the amount of $100,000 will probably be held in the near future to finance the pools.

BIDS WANTED

COALINGA, Fresno Co., Cal.—Until May 4, 5 P. M., (to be opened at 7:30 P. M.) bids will be received by the Coalinga City Council, Ethel K. McCroskey, City Clerk, for the installation of a new electrical system, consisting of the building of a secondary line placing the entire city's water system on a single source of power.

The line is to be 1650 ft. in length consisting of two circuits (6 wires) of No. 0000 bare copper wire, of cross arm construction on wood poles insulated for 600 volts with saddle type insulators and normal spacing of 12-inch between wires of each circuit. Spans shall not exceed 150 feet in length.

Specifications obtainable from above office.

CONTRACT AWARDED

SAN FRANCISCO—J. Harold Johnson, 639 Brannan St., at $138 awarded contract by Department of Public Works for furnishing and installing fire pattern storage racks at the Municipal Warehouse, 15th and Harrison Sts.

BIDS OPENED

OAKLAND, Cal.—Following submitted high bids to District Engineer, State Division of Highways, 500 Sansome St., San Francisco, for the various buildings located in Oakland as follows:

Item Moss 114: 164 Moss Avenue. Two-story and basement frame dwelling of ten rooms with 2550 sq. ft. of floor space. Garages 612 sq. ft. Available May 15, 1936.

R. G. Hiscox, 2827 Shattuck Ave., Berkeley, $152.50.

Item Moss 139: 3430 Harrison Street. One-story 5-room shingle frame dwelling with 1250 sq. ft. of floor space. Garage 160 sq. ft. Shed 200 sq. ft. Available May 15

C. W. Mantz, 604 Santa Fe Ave, Berkeley, $255.00.

Item Moss 141: 469 Oakland Avenue. One-story 3-room frame dwelling, 620 sq. ft. floor space. Available July 1.

M. S. Dohrmann, 1028 South 45th St., Richmond, $206.

Item Moss 151: 157 Santa Clara Ave. Two-story 8-room frame dwelling with 1700 sq. ft. floor space. Available June 1.

Symon Bros., Oakland, $81.50.

"X" Item "A" 209: 3264 Beach St. One-story 4-room frame dwelling with 750 sq. ft. floor space. Available about June 1.

A. Telot, Box 1201, Martinez, $35.

Symon Bros., Oakland, $35.

"X" Item "A" 221: 3216 Beach St. Two-story 6-room frame dwelling with 2450 sq. ft. floor space. Garage 280 sq. ft. Available about June 1.

A. Telot, Martinez, $100.

"X" Item "A" 232-A: 1638 24th St. One-story frame office building with 530 sq. ft. floor space. Toilet 40 sq. ft. Available about June 1.

Bigge Drayage Co., Oakland, $25.

"X" Item "A" 232-B: West side of 1638 24th Street. One-story portable frame watchman's house with 190 sq. ft. floor space. Available about June 1st.

Bigge Drayage Co., $5.

"X" Item "A" 232-C: East side of 1638 St. One-story frame gear shed with 360 sq. ft. floor space. Available about June 1.

Symon Bros., Oakland, $26.

"X" Item "A" 232-D: Northeast corner 24th and Campbell Sts. One-story wood frame corrugated iron garage with 1360 sq. ft. floor space. Blacksmith shop, same type construction, with 250 sq. ft. floor space. Available about June 1.

Symon Bros., Oakland, $85.

"X" Item "A" 236: 2100 Cypress St. One-story wood frame corrugated iron shop building with 6400 sq. ft. floor space. Shed 480 square feet. Available about June 1.

Robert Smith, Star Route Box 6, Petaluma, $151.50.

"X" Item "A" 260: 1400 12th St. One-story & basement, 5-room frame dwelling with 1110 sq. ft. floor space. Shed 270 sq. ft. Available about June 1st.

Nick Krystejl, 1400 12th St. Oakland, $326.

Item "A" 262: 1391 12th Street. Two-story 7-room frame dwelling with 2,620 sq. ft. floor space. Available June 1st.

Wyllie Wrecking Co., 1134 73rd St., Oakland, $81.

"X" Item "A" 264: 1399 12th Street. One-story 5-room frame dwelling with 920 sq. ft. floor space. Garage 400 sq. ft. Available about June 1.

L. McCray, 115 Mardock, Richmond $80.00.

"X" Item "A" 268-A: 1400 11th St. One-story & basement 6-room frame frame dwelling with 1040 sq. ft. floor space. Available about June 1.

C J. MacDonald, 1228 7th St., Oakland, $151.

"X" Item "A" 268-B. 1402 11th St. One-story & basement, 5-room frame dwelling with 950 sq. ft. floor space. Available about June 1.

L. McCray, 115 Mardock, Richmond $60.00.

"X" Item "A" 273: 936 Cypress St. One-story & basement 6-room frame dwelling with 800 sq. ft. floor space. Available about June 1.

Wm. Pauletich, 1055 16th St., Oakland, $75.

"X" Item "A" 287-A: 1394 7th St. One-story & basement, 5-room frame dwelling with 1180 sq. ft. floor space. Available about June 1

Robert Smith, Star Route Box 6, Petaluma, $80.00.

"X" Item "A" 287-B: 1398 7th St. One-story & basement, 5-room frame dwelling with 1180 sq. ft. floor space. Available about June 1.

Wyllie Wrecking Co., 1134 73rd St., Oakland, $71.50.

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until May 6, 5 P. M., bids will be received by B. L. Trahern, City Clerk Stockton, for furnishing and installing public address system in the Municipal Auditorium, Stockton.

Plans and specifications may be obtained from City Engineer, City Hall, upon deposit of $5.

On previous bid opening lowest bid was submitted by International Business Machine Corp., 25 Battery St., San Francisco, at $3,050.

BIDS WANTED

NEWPORT BAY, Orange Co., Cal.—Until May 4, 11 A. M., bids will be received by the Lighthoure Service, Room 425 Custom House, San Francisco, H. W. Rhodes, Superintendent of Lighthouses, under Bid No. N-20, for making connections between the Southern California Edison Company's poles at the Newport Bay Lights located at Balboa Island West End Light, South Channel Light, South Channel Light 2, and South Channel Light 4.

Specifications obtainable from the above office.

BIDS WANTED

PHOENIX, Ariz.—Until May 6, 10 A. M., bids will be received by the Phoenix City Commission for park improvements as follows:

Construction of a dance pavilion and cabins, small hotel, bunk house and shower rooms, water distribution system, including pumps, pump house, filters and chlorinator, construction of a power line from Crown King into the basin, fences, cattle guards, tennis courts and installation of playground apparatus in Horse Thief Basin, Phoenix municipal summer recreation area.

Remodeling of house into park club house, construction of paths, walks, parking areas, foot bridges, planting of grass and golf course finishing, including finishing of golf tees, greens, traps, fairways and installation of cups, flags, tree markers, ball washers, benches, etc., in the class A municipal park furniture and equipment for the new recreation building and proposed club house; furnishing and installing play equipment, games, benches, bleachers and other equipment in the various smaller parks; electric lighting and power distribution for the various new parks, and piping ditches and grading in James and Eastlake parks. Installation of pumps and well drilling in James and University parks and construction of a pergola and ornamental pool in Oak and Third Sts. Park.

BIDS OPENED

SAN FRANCISCO—Bethlehem Shipbuilding Corp., Ltd., 20th and Illinois Sts., San Francisco, at $647,000 submitted apparent low bid (based on 248 days for completion) to the U. S. Engineer Office, South Pacific Division, Custom House, under Proposal No. 868,36-22 for constructing and delivering afloat at San Francisco, one steel, twin screw, twin rudder hopper dredge with direct Diesel propulsion engine, hydraulic couplings and reduction gears, having 400-hp. on each shaft. The dredge will be 180 feet overall in length with a 38-ft. beam and 14-ft. depth, with a hopper capacity of 300- and 500-c.y.

Pumping equipment will consist of a 340-hp. motor-driven pump, power being supplied by a 275-kwa. Diesel driven d.c. generator. Auxiliaries will be electrically driven, power for these being furnished by two 75-kw., d.c. Diesel-driven generating sets.

The dredge is to operate mainly in bar harbors along the Pacific Coast and will carry a crew of 37 men.

Bids were taken as follows:
(1) Add for marine type coupling;
(2) Completion time.

Type of engines:
(a) Propulsion;
(b) 275-kw. Diesel plant;
(c) 75-kw. Diesel plants.

Complete bids follow:

Bethlehem Shipbuilding Corp., Ltd., San Francisco: $647,000; (1) $8,900; (2) 248 days; (a) Winton; (b) Enterprise; (c) MacIntosh & Seymour.

General Engr. & Dry Dock Co., San Francisco: $635,000; (1) $8,900; (2) 365 days; (a) Winton; (b) Winton; (c) Winton.

Moore Dry Dock Co., Oakland: $663-257; (1) $9,465; (2) 365 days; (a) Winton; (b) Winton; (c) Winton; alternate, $622,535; (a) Enterprise; (b) Enterprise; (c) Atlas-Imperial.

Wallace Bridge & Structural Steel Co., Seattle: $716,000; (1) $176; (2) 360 days; (a) Winton; (b) Winton; (c) Winton.

Lake Union Dry Dock & Machine Works, Seattle: $781,000; (1) $8,900; (2) $315 days; (a) (b) (c) Winton.

Lake Washington Shipyard, Seattle: $874,000; (1) no bid; (2) 420 days; (a) (b) (c) Winton.

Engineer's estimate: $684,700, includes 10% contractor's profit and 5% contingency allowance.

Allowance of $150 per day to be made for completion.

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO—Following bids received by the U. S. Engineer Office, 401 Custom House, San Francisco, Lieut. Col. J. A. Dorst, District Engineer, under Proposal No. 868-36-25, for drydocking, painting, and repairing the U. S. District motor boat "H. L. Demeritt":

Harold R. Fish & Co., Oakland, $295.75.

Pacific Dry Dock & Repair Corp., San Francisco, $756.

Geo. W. Kneass Co., San Francisco, no total.

Bids held under advisement.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

RIVERTON PROJECT, Wyo.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 677, for furnishing (1) four pier nose sections and (2) four 5x5-ft. gate assemblies for installation in the gate chamber of the outlet works at the Bull Lake Dam Riverton Project:

S. Morgan Smith Co., York, Pa.: (1) $770; (2) $46,260; fob York; net.

Fulton Iron Works Co., St. Louis: (1) $675; (2) $35,525; (1 and 2) $36,200; fob St. Louis; discount, ½%.

Joshua Hendy Iron W'ks, San Francisco: (1) $745; (2) $40,712; fob Sunnyvale, Calif.; net.

Hardie Tynes Mfg. Co., Birmingham Ala. (1) $473 (2) $33,941; fob Birmingham; net.

Koppers Const. Co., Fort Wayne, Ind.: (1) $1,250; (2) $30,050; fob Fort Wayne; discount 1%.

Bartlett Hayward Co., Baltimore: (1) $600 ;(2) $34,800; (1 and 2) $35,-250; fob Baltimore; discount, ½%.

Steacy Schmidt Mfg. Co., York, Pa. (1) $435; (2) $45,000; fob York; net.

Michigan Valve and Foundry Div., Detroit: (1) $750; (2) $55,160 fob Detroit; net.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nev.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 786 D, for furnishing miscellaneous fabricated pipe anad fittings for installation at the Boulder power plant, Boulder Canyon Project:
(1) Fabricated pipe and fittings;
(2) Special fabricated pipe pieces.

Crane-O'Fallon Co., Denver: (1) $5,-325; (2) $70.

Midwest Piping & Supply Co., St. Louis: (1) $5,684; (2) $65.

Standard Sanitary Mfg. Co., Denver: (1) $5,684; (2) $65.

Grimes Pipe & Supply Co., Denver: (1) $5,684; (2) $65.

Associated Piping & Engr. Co., Ltd. Los Angeles: (1) $5,891; (2) $50.

Power Piping Co., Pittsburgh, Pa.: (1) $6015; (2) $50.

National Valve and Mfg. Co., Pittsburgh: (1) $6,444 (2) $50.

Salt Lake Hardware Co., Salt Lake City: (1) $6,560; (2) $50.

Grinnell Co. of the Pacific, Los Angeles: (1) $6,937; (2) $38.

All bids fob Boulder City; discount 2%.

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO.—Pacific Coast Engineering Co., Maritime and Wharf Sts., Oakland, at $47 each, total $2,-961 submitted only bid received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Proposal No. ER-868-36-13, for furnishing sixty-three 16-ft. lengths of shore pipe, for use at Yerba Buena Shoals.

BIDS OPENED

ALL-AMERICAN CANAL—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 670, for furnishing structural steel for the railroad bridge at Station 1029 plus 48.58 and for the highway bridge at Station 1035 plus 47, of the All-American Canal, Boulder Canyon Project:

Virginia Bridge Co., Roanoke, Va.: (1) $23,944; (2) $4656; (3) $11,867; (4) $901; (5) $1304; (1-5) $42,672; f.o.b. Birmingham; net.

Duffin Iron Co., Chicago: (1) $28,158; (2) $4752; (3) $13,343; (4) $800; (5) $1233; (1-5) $48,285; f.o.b. Chicago; net.

Lakeside Bridge & Steel Co., Malwaukee: (1) $31,734; (2) $5283; (3) $14,100; (4) $780; (5) $1549; (1-5) $53,446; f.o.b. Milwaukee; net.

Ingalls Iron Works, Birmingham: (1) $28,330; (2) $4495; (3) $13,405; (4) $680; (5) $2025; (1-5) $48,935; f.o.b. Birmingham; net.

Consolidated Steel Corp., Los Angeles: (1) $32,900; (2) $5750; (3) $15,460; (4) $810; (5) $1950; (1-5) $56,870; f.o.b. Los Angeles; net.

Worden Allen Co., Milwaukee: (1) $36,480; (2) $5840; (3) $18,860; (4) $990; (5) $2080; (1-5) $64,250; f.o.b. Knob, Calif.; ½% discount.

Midland Structural Steel Co., Cicero, Ill.: (1) $31,500; (2) $8000; (3) $14,-580; (4) $1350; (5) $4000; (1-5) $60,713; f.o.b. Cicero; ½% discount.

Mississippi Valley Structural Steel Co., St. Louis: (1) $37,500; (2) $5300; (3) $19,000; (4) $1300; (5) $1700; (1-5) $64,800; f.o.b. Knob, Calif.; net.

Bethlehem Steel Co., Bethlehem, Pa.: (1) $25,200; (2) $4600; (3) $12,350; (4) $990; (5) $1590; (1-5) $44,730; f.o.b. Chicago; net.

Milwaukee Bridge Co., Milwaukee: (1) $32,686; (2) $5220; (3) $17,490; (4) $1160; (5) $1862; (1-5) $58,419; f.o.b. Knob; net.

R. C. Mahon Co., Detroit: (1) $44,300; (2) $6153; (3) $20,600; (4) $1450; (5) $2700; (1-5) $75,203; f.o.b. Knob, Calif.; net.

Wisconsin Bridge & Iron Co., Milwaukee: (1) $28,800; (2) $5300; (3) $14,600; (4) $1000; (5) $2300; (1-5) $52,000; f.o.b. Milwaukee; net.

Bids held under advisement.

BIDS OPENED

BOISE PROJECT, Idaho—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 785-D, for furnishing two 24-in. internal-differential control valves for installation in the drum-gate control chambers in the spillway section of the Arrowrock Dam, Boise Project, Idaho:

John W. Beam, Denver, $2450, f.o.b. Denver; ½% discount.

Joshua Hendy Iron Works, San Francisco, $3262, f.o.b. Sunnyvale; net.

Western Foundry Co., Portland, Oregon: $2060, f.o.b. Portland; ½% discount.

General Engineering & Drydock Co., San Francisco: $2814, f.o.b. San Francisco; net.

S. Morgan Smith Co., York Pa.: $4580 f.o.b. York; net.

Hardie-Tynes Mfg. Co.-Birmingham: $2500 f.o.b. Birmingham; net.

Steacy Schmidt Mfg. Co. York Pa.: $2500 f.o.b. York; net.

Omaha Steel Works Omaha: $3495, f.o.b. Omaha; net.

Valley Iron Works, Yakima, Wash.: $2600, f.o.b. Yakima; 5% discount

Consolidated Steel Corp., Ltd., Los Angeles: $3551, f.o.b. Los Angeles; net.

Koppers Constr. Co., Fort Wayne, Ind.: $2800, f.o.b. Fort Wayne; 2% discount.

Johnson City Foundry & Mach. Co., Johnson City, Tenn.: $1670, f.o.b. Johnson City; 1% discount.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Following bids received by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Proposal No. 734, for furnishing 20 tons of copper sulphate:

Mountain Copper Company	$1,500
Federated Metals Corp.	1,500
McKesson, Langley & Michaels	1,500
General Chemical Company	1,508
Wilson & George Meyer Co.	1,570

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 782-D, for furnishing two complete units of manual telephone apparatus for installation in the Boulder Dam power plant, Boulder Canyon Project:

American Automatic Elec. Sales Co., Chicago, $10,668.60; f.o.b. Depew, N. Y., and Chicago, Ill.; net Kellogg switchboard & Supply Co., Chicago: $18,915; f.o.b. Chicago; net.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
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26.—Railroads
27—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACTS AWARDED

STATE OF WASHINGTON.—Blds for bridge construction were opened by L. V. Murrow, Director of Highways, Olympia, April 21, and action taken as follows:

Lewis County—Clearing, grading and constructing a treated timber deck truss bridge on about 0.5 miles of County Road, Morton-Bear Canyon, involving about 6 acres of clearing, 35,680 cubic yards of excavation, 2,870 linear feet of cribbing logs, 135 cubic yards of concrete, 10,500 pounds of steel reinforcing bars, 18,000 pounds of structural steel, 169 M.B.M. of timber and lumber treated, 7 M.B.M. of timber and lumber untreated, 550 linear feet of treated piling, 234 linear feet of pipe culverts and other items.

Awarded: Hendricks & Co., Chehalis, $39,945.

King County—Constructing a steel, concrete and treated timber overcrossing on about 0.263 miles of county road, Railroad Overcrossing at Black River Junction, involving about 1,150 cubic yards of excavation, 1,400 cubic yards of concrete, 263,000 pounds of steel reinforcing bars, 336,000 pounds of structural carbon steel, 300 M.B.M. of timber and lumber treated, 25 M.B.M. of timber and lumber zinc chloride treated, 4,000 linear feet of piling untreated, 9,050 linear feet of piling creosote treated and other items.

Awarded: General Const. Co., 3804 Iowa St., Seattle, at $99,493.

Spokane County—Grading, surfacing and constructing a concrete and steel undercrossing of the tracks of the O.W.R.R. & N. Co., on about 0.02 miles of County Road, Undercrossing O.W.R.R. & N. Co. tracks on Darknell Road, involving about 2,750 cubic yards of excavation, 25 cubic yards of crushed stone surfacing, 476 cubic yards of concrete, 20,500 pounds of steel reinforcing bars, 36,000 pounds of structural steel, 112 linear feet of pipe culverts and other items.

Awarded: Triangle Const. Co., 1220 Ide, Spokane, $16,687.

CONTRACT AWARDED

GOVERNMENT ISLAND, Cal.—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco, at $1896 f.o.b. Alameda, awarded contract by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3431, for furnishing two structural steel bridge towers, complete with all structural steel, bolts for field connections, and all miscellaneous steel portions necessary for complete erection of the towers, for the Salyer Bridge.

Complete bids follow:

Bethlehem Steel Co., f.o.b. Alameda, $1896.
Judson Pacific Co., f.o.b., Oakland, $1945.
Moore Dry Dock Co., f.o.b. Oakland, $2248.
Schrader Iron Works, f.o.b. San Francisco, $2280.
Golden Gate Iron Works, f.o.b. San Francisco, $2043.
Herrick Iron Works, Oakland, $2160.

BIDS OPENED

SACRAMENTO CO., Cal.—Following bids received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, for the construction of a bridge and two culverts on El Camino Ave., involving:
(1) 243 c.y. Class A 6-sack concrete;
(2) 4.3 c.y. Class E 9-sack concrete;
(3) 24,400 lbs. reinforcing steel;
(4) 300 c.y. excavation, incind. backfill;

Total bids follow:
(A) M. A. Jenkins, 3560 Y St., Sacramento, $5,441.0.
(B) Carl R. Fiedler, Sacramento, $5,500.75.
(C) P. F. Bender, 1012 Del Paso Blvd. Sacramento, *$49,82340.

*Error in bid on Item 4 reading $150 instead of $1.50. Total of bid based on $1.50 for Item 4 is $5,273.40.

Unit bids follow:

	(A)	(B)	(C)
(1).....	$15.00	$15.25	$14.80
(2).....	40.00	40.00	30.00
(3).....	.042	.045	.045
(4).....	2.00	1.75	150.00

All bids referred to the District Attorney for decision. John Rooney, County Engineer. *

CONTRACT AWARDED

LOS ANGELES, Cal.—Jacobson Bros., 3338 Madera Ave., Los Angeles, awarded contract by the Los Angeles county supervisors at $18,974 for constructing a viaduct on Soledad Canyon Road over the Southern Pacific Railroad tracks on the Valley line. The proposed viaduct will be of concrete, wood and steel construction, 248 ft. in length, with a 24-ft. roadway; steel girders, wood joists, wood and concrete piers and redwood railing. Cash Contract No. 434. Steel will be furnished by the county.

BIDS OPENED

MULTNOMAH COUNTY, Oregon.—Hoffman Const. Co., 715 SW Columbia, Portland, at $410,212 submitted low bid to the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for the construction of an overcrossing over the Southern Pacific Railroad on Union Ave. on the East Portland-Oregon City Highway in the City of Portland, Multnomah County.

The work involves approximately 41,000 c.y. excavation; 400 c.y. Class A concrete curbs; 4000 s.y. concrete sidewalks; 2800 c.y. gravel subbase materials; 520 c.y. crushed base materials; 1100 c.y. crushed rock and sand in track foundation; 750 bbls. cement in track foundation; 950 c.y. concrete pavement at railway tracks; 18,000 s.y. Portland cement concrete pavement; 9700 s.y. asphalti cconcrete pavement 33,000 l.f. treated piling; 7,500 c.y. Class D concrete and 1,520,000 lbs. metal reinforcement.

Complete bids follow

Hoffman Const. Co., Portland	$410,212
Pacific Bridge Company	412,939
F. J. Kernan	433,899
Parker - Schram	441,517
Guy F. Atkinson	444,547
Warren Northwest, Inc	445,501
Kern & Kibbe	454,109
Gilpin Const. Co	454,535
P. L. Crooks & Co	459,128
O. R. Wayman	464,512
Guthrie - McDougall	488,696
Joplin & Eldon	490,764
Malcolm & Bell	492,936

All bidders of Portland.

Bids referred to the engineer with power to award contract. *

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

22—DREDGING, HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

SACRAMENTO, Cal.—R. L. Oakley and J. E. Immel, 801 South Grand View, Los Angeles, at $106,461 awarded contract by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, Dist., Engineer, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-36-148, for setting back, raising and strengthening the existing levee and constructing new levee along the westerly side of the Sacramento River from a point opposite Wohlform Bend to the ferry just northerly of Princeton, a distance of approximately 1.5 miles. The total volume of earth to be placed in embankment is approximately 433,000 cu. yds.

CONTRACT AWARDED

SAN FRANCISCO—Healy - Tibbitts Constr. Co., 64 Pine St., San Francisco, at $11.14 per pile awarded contract by the U. S. Engineer Office, Lieut. Co. J. A. Dorst, District Engineer, Custom House, under Proposal No. ER 868-36-9, for furnishing, placing and driving 300 Douglas fir piles in San Francisco Bay in the shoal lying north of Yerba Buena Island. The piles are to form part of a trestle for supporting the discharge pipeline of a hydraulic dredge.

The piles will be of rough, untreated Douglas fir and will have a minimum diameter of 14-in. at the butt and of 9-in. at the point and will be of varying lengths, approximately as follows:
(1) 110 65-ft. long;
(2) 80-60-ft. long;
(3) 80 55-ft. long.

BOND ELECTION

REDWOOD CITY, San Mateo Co., Cal.—City Council has set June 2 as the date for a special election to vote on a proposal to issue $200,000 in bonds to supplement federal funds to finance construction of a deep water port at Redwood City.

Charles Dimmitt, city engineer.

23—IRRIGATION PROJ.

CONTRACT AWARDED

GILA VALLEY PROJECT, Ariz.—Boyce & Igo, Yuma (P. O. Box 1179, Baton Rouge, La.) at $273,600, on Schedules 1 and 4 awarded contract by the Bureau of Reclamation, Yuma under Spec. No. 657, for construction of earthwork, Gravity Main Canal, Station 30 plus 00 to Station 285 plus 30 (Schedule 1) and of earthwork, Gravity Main Canal, Station 408 plus 00 to Station 931 plus 00 (except Gila River Siphon) (Schedule 4).

Mittry Bros. Const. Co., 5531 Downey Road, Los Angeles, at $681,575, awarded Schedules 2 and 3, as previously reported.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

TULE LAKE, Cal.—Ruth Dredger Mfg. Corp., Ltd., 5980 Boyle St., Los Angeles, at $18,245.83 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 774-D, for furnishing one ditch-cleaning and excavating machine of the crawler-traction and endless chain, bucket-digging-unit type to be used for cleaning, deepening and widening drains and calans and excavating new drains and canals on the Klamath Project, Oregon.

26—— RAILROADS

BIDS WANTED

SAN FRANCISCO.—Until May 14, 12 M. (to be opened at 3 P. M.) bids will be received by G. M. Petterton, Purchasing Agent, Southern Pacific Equipment Co., 65 Market St., Room 952, for furnishing wheels, journal bearings, brake shoes, forgings, lumber and such other miscellaneous materials and supplies as may be required for the sale of surplus or inactive materials which the company may desire to dispose of, both for a period of five years from May 15, 1936.

Specifications obtainable from above office.

27—FIRE ALARM SYSTEM

CONTRACT AWARDED

SAN FRANCISCO. — Globe Electric Works, 15th and Mission Streets, at $7,044 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,922, for construction and installation of a street lighting system on Eighth St. between Market and Townsend Sts., a PWA project.

28 — FIRE EQUIPMENT

CONTRACT AWARDED

PORTERVILLE, Tulare Co., Cal.—American LaFrance & Foamite Corp., at $2000 plus sales tax submitted only bid and awarded contract by the Porterville City Council for furnishing and installing a 600-gal. pump on Type 38 American-LaFrance fire engine.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

KINGS COUNTY, Calif.—Palo Alto Road Materials Co. 465 California Ave. Palo Alto, at $5,291.50, as previously reported, submitted low bid to the Division of Highways, R. M. Gillis, District Engineer, Fresno, and awarded contract by the State Highway Commission at Sacramento, for applying road-mix surface treatment to existing shoulders on about 13.6 miles in Kings County, between Hanford and Dallas School.

The work involves:
(1) 325 tons liquid asphalt SC-2;
(2) 53,000 sq. yds. preparing, mixing and shaping shoulders.

Complete bids follow:

Palo Alto Road Materials Co., Palo Alto: (1) $10.90; (2) $0.033; total, $5,291.50.

L. A. Brisco, Arroyo Grande: (1) $10.32; (2) $0.045; total, $5,739.

Clyde W. Wood, Stockton: (1) $11; (2) $0.05; total, $6,225.

Stewart & Nuss, Inc., Fresno: (1) $11; (2) $0.054; total, $6,437.

Oilfields Trucking Co., Bakersfield: (1) $8.70; (2) $0.07; total, $6,537.50.

A. S. Vinnell Co., Los Angeles: (1) $11.50; (2) $0.054; total, $6,599.50.

Leo F. Piazza, San Jose: (1) $10.87; (2) $0.06; total, $6,712.75.

Square Oil Co., Los Angeles: (1) $11.60; (2) $0.08; total, $8,010.

CONTRACT AWARDED

COOS COUNTY, Oregon.—McGeorge Gravel Co., Marshfield, at $21,384 submitted only bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for furnishing approximately 7,200 c.y. crushed gravel or crushed rock in stockpiles on the Myrtle Point - Bandon Rock Production Project, Coos County.

COMPLETE BID LISTING

INYO CUNTY, Cal.—Regal Oil Co., 2305 Orange Ave., Long Beach, at $1,106, as previously reported, submitted low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, for furnishing and applying liquid asphalt to the existing roadbed on about 7 miles in Inyo County, between east end of Cedar Flat and Deep Springs Valley, involving 100 tons of liquid asphalt, SC-2 in Place.

Complete bids follow:

Regal Oil Co., Long Beach: $11.06 per ton; total, $1,106.

Lambs Transfer Co., Long Beach: (1) $13.34 per ton; total, $1,334.

Square Oil Co., Los Angeles: $14.50 per ton; total, $1,450.

Paulsen & March, Los Angeles: $15 per ton; total, $1,500.

Oilfields Trucking Co., Bakersfield: $15 per ton; total, $1,500.

BIDS WANTED

KINGS COUNTY, Cal.—Until May 6 10 A. M., bids will be received by the Kings County Board of Supervisors, S. E. Raisbach, chairman, anford, for the widening and resurfacing of a portion of the county highway system on 11th Avenue and Hanford-Armona Ave

The work involves:
(1) 21,120 l.f. of grading for shoulder work and headerboards;
(2) 3,016 tons of asphalt concrete, base material in shoulders and leveling course
(3) 4,984 tons asphalt concrete top;

Plans and specifications obtainable from the office of County Surveyor J. Ray Hayes, P. O. Box 640, Hanford, upon deposit of $10.

BIDS OPENED

SAN LUIS OBISPO COUNTY, Cal. Lambs Transfer Co., 838 Cowles Ave., Long Beach, at $12,038 submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for furnishing and applying liquid asphalt on about 40.6 miles of existing roadbed in San Luis Obispo County between one mile east of Pozo and the Kern County line.

The work involves 1,300 tons of liquid asphalt, SC-2, in place.

Complete bids follow:

Lambs Transfer Co., Long Beach: $9.26 per ton; total, $12,038.

Paulsen & March, Inc., Los Angeles: $9.32 per ton; total, $12,116.

L. A. Brisco, Arroyo Grande: $9.72 per ton; total, $12,636.

Square Oil Co., Los Angeles: $9.90 per ton; total, $12,870.

Oilfields Trucking Co., Bakersfield: $10.48 per ton; total, $13,634.

BIDS WANTED

SAN FRANCISCO.—Until May 8th, 11:30 A. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,947 for construction of a concrete sidewalk on Fulton Street between Leavenworth and Hyde Streets and on Leavenworth Street between Fulton and McAllister Sts., along the frontage of tthe U. S. Government Office Building. Estimated cost, $2,025.

The work involves 13,500 sq. ft. of two-course concrete sidewalk.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon $10 cash deposit.

BIDS WANTED

TUOLUMNE COUNTY, Cal.—Until May 13, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under H. H. W. S. Contract No. 158, for grading and street work at the Mocassin South Cottage, Tuolumne County.

The work involves:
(1) 1,780 c.y. common excavation;
(2) 20 c.y. rock excavation;
(3) 350 l.f. excavating surface ditch;
(4) 4,400 q. yds. road-mix surfacing;
(5) 1,108 l.f. integral curb and gutter;
(6) 4,274 sq. ft. sidewalks;
(7) 38 l.f. 24-in. culverts;
(8) 40 l.f. 18-in. culverts;
(9) 110 l.f. 12-in. culverts.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10.

LOW BIDDERS

PINAL COUNTY, Ariz. — Skousen Bros., Albuquerque, N. M., at $105,409 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on Mesa-Superior Highway, WPH 7. The work, which extends from Florence-Superior Highway junction northwesterly about 3.9 mi., consists of grading and draining over a new location, and is to be completed on or before Dec. 31, 1936.

The principal items and approximate quantities are:
95,000 c.y. roadway excavation;
15,500 c.y. drainage excavation;
2,100 c.y. structural excavation;
102,000 sta. yds. overhaul;
45,500 c.y. mi. haul;
1,522 c.y. concrete;
131,850 lbs. reinforcing steel;
246,000 lbs. structural steel;
720 l.f. corru. metal pipe (5 sizes);
42,600 l.f. fence;
200 hours rolling;
500 M. gals. sprinkling.

Tiffany Const. Co., Flagstaff, at $117,178, submitted second low bid.

Funds in the amount of $120,000 have been programmed for the construction of this project. T. S. O'Connell, State Highway Engineer.

BIDS OPENED

KERN COUNTY, Cal.—L. A. Brisco, Arroyo Grande, at $3,900 submitted low bid to the Division of Highways, District Engineer, Fresno, for applying road-mix surface treatment to existing shoulders on about 11.4 miles in Kern County between 5 miles east of Hart Station and two miles west of Wasco, involving:
(1) 250 tons liquid asphalt, SC-2, in place;
(2) 41,000 sq. yds. preparing, mixing and shaping shoulders.

Complete bids follow:
L. A. Brisco, Arroyo Grande: (1) $8.22; (2) $0.045; total, $3,900.
Palo Alto Road Materials Co., Palo Alto: (1) $10.30 (2) $0.037; total, $4,-092.
Oilfields Trucking Co., Bakersfield: (1) $8.20; (2) $0.05; total, $4,100.
Square Oil Co., Los Angeles: (1) $8.70; (2) $0.05; total, $4,225.
Leo F. Piazza, San Jose: (1) $10; (2) $0.045; total, $4,345.
John Jurkovich, Fresno: (1) $10; (2) $0.05; total, $4,550.
A. S. Vinnell Co., Los Angeles: (1) $10.60; (2) $0.051; total, $4,741.

BIDS WANTED

TULARE CO., Cal.—Until May 20, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for applying road-mix surface treatment to shoulders on about 24.6 miles and surfacing portions of existing pavement with armor coat in Tulare County between westerly boundary and four miles east, and bet. Yettem and Lemon Cove.

The work involves:
(1) 500 tons liquid asphalt, SC-2;
(2) 87,000 sq. yds. preparing, mixing, and shaping shoulders;
(3) 175 tons liquid asphalt, 90-95;
(4) 3,500 tons screenings

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno.

CONTRACT AWARDED

BERKELEY, Alameda Co., Cal.—W. H. Larson, 432 Michigan Avenue, Berkeley, at $2527 submitted low bid and awarded contract by the Berkeley City Council, for widening of Los Angeles Ave., between The Circle and Contra Costa Ave.

The work involves:
(1) 11,000 sq. ft. grading;
(2) 10 cu. yds. cut below subgrade;
(3) 670 lin. ft. curb and gutter;
(4) 9400 sq. ft. crusher run base;
(5) 9400 sq. ft. bituminous surfacing;
(6) 8950 sq. ft. bituminous resurfacing.

Total bids follow:
(A) W. H. Larson, Berkeley.....$2527
(B) Lee J. Immel, Berkeley..... 2844
(C) Ransome Co., Emeryville..... 5340

BIDS WANTED

LOS ANGELES CO. Cal.—Until May 21, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for constructing shoulders of plant-mixed surfacing on bituminous macadam on about 6.8 miles in Los Angeles County between Castaic School and Piru Creek.

The work involves:
(1) 4,200 c.y. rewy. excav.;
(2) 3,800 tons broken stone;
(3) 700 tons key rock;
(4) 135 tons asphaltic cement, Grade E;
(5) 12 tons asphaltic emulsion, 90-95 (prime coat)
(6) 3,200 tons plant-mixed surf.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

TULARE CO., Cal.—Until May 12, 10 A. M., bids will be received by the Division of Highways, R. M. Gillis, Dist. Engineer, State Highway Bldg., Fresno, for applying road mix surface treatment to existing shoulders on about 108 miles in Tulare County, between 2.7 miles anad 13.5 miles east of Porterville.

Plans and specifications obtainable from the above office.

ALAMEDA COUNTY—San Leandro St. Underpass—,State)

ALAMEDA COUNTY, Cal.—Bodenhamer Constr. Co., Box 67, Oakland, at $214,065.10 submitted low bid to the State Highway Commission, Sacramento, for construction of an undergrade crossing under the tracks of the Southern Pacific Company and the Western Pacific Railroad Company at San Leandro Street in Oakland, Alameda County.

The work involves:
(1) 5000 cu. yds. exist. bituminous macadam to be removed;
(2) 500 cu. yds. exist. Portland cement concrete to be removed;
(3) 100 M. gals. water;
(4) 26,000 cu. yds. rdwy. excav. (unclass.);
(5) 2000 cu. yds. struc. excav.;
(6) 100 cu. yds. selected imported borrow;
(7) 1 ton grade E asph. (membrane seal);
(8) 7000 sq. yds. subgrade for pave.;
(9) 30 sta. finishing roadway;
(10) 3000 tons crusher run base;
(11) 1900 tons mineral aggregate (plant-mixed surface);
(12) 100 tons liquid asph. SC-2 (plant-mixed surface);
(13) 12 tons liquid asph. SC-2 (prime coat);
(14) 10 tons liquid asph. MC-3 (seal coat);
(15) 100 tons stone screenings (seal coat);
(16) 9 tons asph. conc. (Type C surf.)
(17) 1100 cu. yds. Class A Portland cement concrete (pave.);
(18) 2700 each pave dowels;
(19) 840,000 lbs. bar reinf. steel;
(20) 3800 cu. yds. Class A Portland cement concrete (struc.);
(21) 130,000 lbs. struc. steel;
(22) 1800 lbs. misc. steel;
(23) 330 cu. yds. Class A Portland cement concrete (slope paving);
(24) 104 lin. ft. 12-in. CMP;
(25) 900 lin. ft. 8-in. perf. metal pipe;
(26) 110 lin. ft. 8-in. vit. clay pipe;
(27) 1650 lin. ft. 12-in. vit. clay pipe;
(28) 500 lin. ft. 15-in. vit. clay pipe;
(29) 1350 lin. ft. 18-in. vit. clay pipe;
(30) 240 cu. yds. rock filling material;
(31) 1050 cu. yds. Class A Portland cement conc. (curbs & gutters);
(32) 190 cu. yds. Class A Portland cement conc. (sidewalks);
(33) 350 lin. ft. laminated guard rail;
(34) 30 each guide posts;
(35) 3050 lin. ft. pipe handrail;
(36) 2240 lin. ft. 30-in. wire mesh;
(37) 1300 sq. yds. paint conc. surface;
(38) 0.97 mile traffic stripe painting;
(39) 0.65 mile curb stripe painting;
(40) 900 lbs. sheet copper;
(41) 13 each conc. manholes;
(42) 4 each lamp holes;
(43) 1 lot elec. equipment;
(44) 1 lot pumping equipment;
(45) 1 lot misc. items of work.

Total bids follow:
(A) Bodenhamer Constr. Co., Oakland, $214,065.10.
(B) Eaton & Smith, San Francisco, $220,233.
(C) J. F. Knapp, Oakland, $226,375.
(D) Heafey-Moore Co. and E. T. Lesure, Oakland, $229,738.
(E) MacDonald & Kahn Co., Ltd., San Francisco, $232,769.
(F) Barrett & Hilp, San Francisco, $233,981.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 1.00	$ .50	$ 1.00	$ .50	$ .50	$ .40
(2)	3.00	1.00	1.00	2.00	1.50	1.25
(3)	2.00	1.00	2.00	2.00	2.50	1.00
(4)	.75	.50	.75	.75	.72	.60
(5)	1.50	1.25	2.00	2.00	1.85	1.25
(6)	1.50	3.00	1.50	1.25	2.50	2.00
(7)	50.00	25.00	40.00	45.00	62.00	32.00
(8)	.10	.12	.15	.15	.15	.15
(9)	10.00	10.00	10.00	10.00	12.00	12.00
(10)	2.00	2.00	2.00	3.00	3.00	2.75
(11)	3.00	2.75	3.00	3.50	4.00	4.50
(12)	20.00	12.00	15.00	10.00	12.00	18.00
(13)	25.00	15.00	15.00	20.00	18.00	16.00
(14)	25.00	22.00	25.00	25.00	30.00	16.00
(15)	3.00	3.00	2.50	3.00	4.00	2.75
(16)	10.00	5.00	10.00	10.00	12.00	6.00
(17)	10.00	10.15	10.00	11.50	12.50	16.00
(18)	.30	.25	.25	.25	.25	.30
(19)	.05	.045	.0475	.05	.048	.045
(20)	16.00	16.50	16.00	14.80	16.85	16.00
(21)	.055	.065	.06	.07	.07	.07
(22)	.07	.25	.20	.20	.22	.25
(23)	12.00	19.50	16.00	16.00	15.50	16.00
(24)	1.50	3.00	1.50	3.00	1.25	3.50
(25)	1.00	1.25	1.20	2.00	1.00	1.50
(26)	.75	.60	.75	1.00	.80	1.30
(27)	1.00	1.00	1.25	1.00	1.00	2.00
(28)	1.50	1.60	1.75	1.50	1.50	2.50
(29)	2.00	2.25	2.25	2.00	2.00	3.00
(30)	1.75	3.00	2.50	3.00	3.00	4.00
(31)	12.00	16.70	16.00	16.00	13.00	16.00
(32)	12.00	16.70	16.00	16.00	15.50	16.00
(33)	1.00	1.25	1.50	1.20	2.50	1.50
(34)	1.00	3.00	2.00	2.00	3.70	1.50
(35)	2.00	4.50	3.50	4.00	3.70	4.00
(36)	.35	1.00	.30	1.50	1.85	1.10
(37)	.50	.20	.15	.20	.16	.30
(38)	30.00	100.00	100.00	65.00	100.00	100.00
(39)	50.00	100.00	150.00	75.00	100.00	100.00
(40)	.60	.40	.30	.50	.62	.60
(41)	175.00	90.00	125.00	80.00	75.00	150.00
(42)	100.00	15.00	25.00	25.00	12.00	40.00
(43)	6350.00	5100.00	6500.00	6000.00	6930.00	5500.00
(44)	2600.00	2300.00	2500.00	3300.00	2543.00	2000.00
(45)	1500.00	5000.00	9000.00	2000.00	1545.00	3200.00

BIDS WANTED

RIVERSIDE CO., Cal.—Until May 21, 2 P. M., bids will be received by the State Highway Engineer, State Building, Los Angeles, for about 1.3 miles grading and paving with Portland cement concrete in Riverside County, about 2.2 miles west of Indio.

The work involves:
(1) 69 stations clearing and grubbing right of way;
(2) 1,000 M. gals. water;
(3) 840 c.y. removing existing conc.;
(4) 7,500 c.y. rdwy. excav., unclass.;
(5) 47,000 sta. yds. overhaul;
(6) 2,600 c.y. imported borrow;
(7) 13,400 c.y. imported selected material;
(8) 15,300 sq. yds. preparing subgrade
(9) 69 sta. finishing rdwy.;
(10) 30 tons liquid asphalt SC-2 (detours);
(11) 81 tons do (shoulders);
(12) 12,700 sq. yds. preparing, mixing and shaping shoulders;
(13) 17 tons liquid asphalt SC-1A (slopes);
(14) 3,110 c.y. Class A Portland cement concrete (pave.);
(15) 6,200 each pavement dowels;
(16) 11,500 lbs. bar reinf. steel (pave.)
(17) 7,600 sq. yds. salvaging & stockpiling (detours);
(18) 11 each monuments, complete, in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino

COMPLETE BID LISTING

SIERRA and Nevada Cos., Calif.—Edward F. Hilliard, 1355 43rd St., Sacramento, at $10,297 (as previously reported) submitted low bid to the Division of Highways, C. H. Whitmore, District Engineer, Marysville, for applying penetration oil treatment on about 48.2 miles in Sierra and Nevada Counties, between Downieville and Route 83, between 7.1 miles north of Truckee and 5.7 miles north of Nevada-Sierra County Line, anad bet. Sierraville and calpine.

The work involves:
(1) 325 tons liquid asphalt, SC-4, in place (Location A);
(2) 180 tons liquid asphalt, SC-2, in place (Location B);
(3) 120 tons liquid asphalt, SC-3, in place (Location C).

Complete bids follow:

Edward F. Hilliard, Sacramento: (1) $17.80; (2) $14.50; (3) $15.85; total, $10-297.

C. F. Fredericksen & Sons, Lower Lake: (1) $18.30; (2) $14.75; (3) $16; total, $10,522.50.

Hayward Bldg. Materials Co., Hayward: (1) $18; (2) $15.60; (3) $17.75; total, $10,788.

Pacific Truck Service, Inc., San Jose (1) $18.47; (2) $15.99; (3) $16.17; total, $10,821.35.

Lee J. Immel, Berkeley: (1) $18.30; (2) $15.23; (3) $17.52; total, $10,971.30.

Oilfields Trucking Co., Bakersfield: (1) $19.12; (2) $16.55; (3) $18.08; total, $11,362.60.

CONTRACT AWARDED

ALL-AMERICAN CANAL — R. E. Hazard & Son, 2548 Kettner Blvd., San Diego, at $5044.50 awarded contract by the Bureau of Reclamation, Yuma, under Spec. No. 773-D, for construction of road-mix surface treatment on the construction highway from the Laguna Dam to the Imperial Dam and of streets and parking areas in the Government Camp at Imperial Dam, All-American Canal System, Boulder Canyon Project.

SACRAMENTO FILTRATION PLANT RESERVOIR—City

SACRAMENTO, Calif. — Campbell Const. Co., 800 R St., Sacramento, submitted the apparent low bid to the Sacramento City Council for constructing a water storage reservoir at the filtration plant of the municipay water supply system.

The work consists of construction of a water storage reservoir, rectangular in plan, with reinforced concrete walls, floor, and a timber roof supported by pre-cast reinforced concrete and covered with roofing felt.

Bids were taken as follows:

Alternate proposals for reservoirs involving major excavation as follows:
Reservoir A, 11,000 cubic yards;
Reservoir B, 12,000 cubic yards;
Reservoir C, 13,000 cubic yards;
Reservoir D, 15,000 cubic yards;
Reservoir E, 17,000 cubic yards.

Item (1)—Per cubic yards of earth excavated, including all cost of constructing levees, grading and disposal of earth;

Item (2)—Lump sum price covering the complete cost of construction of the reservoir, including minor excavation such as excavation for trenches, walls, etc.

Complete bids follow:
(I) Campbell Const. Co., Sacramento.
(II) Villadsen Bros., Piedmont.
(III) Case Const. Co., Alhambra.
(IV) K. E. Parker, San Francisco.
(V) Peter J. McHugh, San Francisco.

Unit prices follow:

	(I)	(II)	(III)	(IV)	(V)
(A-1)	$ .50	$ .26	$ .25	$ .40	$ .25
(A-2)	124,331.00	141,900.00	147,050.00	150,385.00	152,700.00
(B-1)	.50	.26	.25	.40	.25
(B-2)	129,227.00	148,500.00	153,000.00	156,400.00	158,200.00
(C-1)	.50	.26	.25	.40	.25
(C-2)	134,103.00	153,300.00	158,425.00	162,450.00	163,746.00
(D-1)	.50	.26	.25	.40	.25
(D-2)	138,348.00	162,000.00	164,525.00	168,675.00	170,000.00
(E-1)	.50	.26	.25	.40	.25
(E-2)	142,444.00	168,000.00	170,750.00	174,672.00	176,750.00

The bids were referred to the city engineer for recommendation.

TEHAMA COUNTY—10.2 mi. GRADE & PAVE—STATE

TEHAMA COUNTY, Calif.—Peninsula Paving Co., 9 Main Street, San Francisco, at $218,181.70 submitted low bid to the State Highway Commission Sacramento, for about 10.2 miles of grading and paving with asphalt concrete in Tehama County between Corning and Proberta.

The work involves:
(1) 1,590 M. gals. water;
(2) 51,700 c.y. rdwy. excav., unclass.;
(3) 700 c.y. ditch and channel excav.
(4) 2,260 c.y. struc. excav.;
(5) 117,000 sta. yds. overhaul;
(6) 2,550 c.y. existing concrete removed and disposed of;
(7) 122,500 c.y. imported selected material;
(8) 529 sta. finishing rdwy.;
(9) 25 tons liquid asphalt ROMC-3 or ROMC-4;
(10) 4,800 sq. yds. preparing, mixing, and shaping shoulders;
(11) 24,870 tons asphalt concrete (leveling course);
(12) 14,045 tons asphalt conc. (Type A surface course);
(13) 80,500 lbs. bar reinf. steel;
(14) 4,800 lbs. steel (I-beams);
(15) 730 c.y. Class A Portland cement concrete;
(16) 2,466 l.f. 12-in. CMP;
(17) 134 l.f. 18-in. CMP;
(18) 1,142 l.f. existing pipe culverts removed, cleaned and relaid;
(19) 541 l.f. existing pipe culverts removed, cleaned and salvaged;
(20) 168 l.f. laminated guard railing;
(21) 62 each culvert markers;
(22) 34 each guide posts removed and salvaged;
(23) 1,690 sq. yds. asph. paint binder;
(24) 93 each monuments complete in place.

Total bids follow:
(A) Peninsula Paving Co., San Francisco, $218,181.70.
(B) Hanrahan Co., San Francisco, $221,918.05.
(C) Union Paving Co., San Francisco, $223,116.80.
(D) Bodenhamer Const. Co., Oakland, $244,411.85.
(E) A. Teichert & Son, Inc., Sacramento, $246,753.80.
(F) Oswald Bros., Los Anegles, $249,-115.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 1.50	$1 .00	$ 1.25	$ 1.25	$ 2.00	$ 2.00
(2)	.28	.17	.35	.26	.24	.30
(3)	.60	.70	1.00	1.00	.75	1.25
(4)	.80	.95	1.00	.90	.80	.90
(5)	.01	.005	.01	.01	.005	.005
(6)	2.00	1.55	1.50	1.50	1.25	1.50
(7)	.36	.38	.43	.44	.52	.43
(8)	5.00	7.50	10.00	6.00	7.00	2.50
(9)	20.00	28.00	30.00	22.50	25.00	26.00
(10)	.10	.05	.10	.10	.10	.08
(11)	3.10	3.35	2.80	3.40	3.19	3.57
(12)	3.10	3.59	3.00	3.80	3.78	3.82
(13)	.05	.055	.048	.05	.045	.055
(14)	.08	.06	.10	.08	.06	.075
(15)	21.00	21.40	17.00	22.00	21.00	22.00
(16)	1.25	1.25	1.80	1.25	1.20	1.25
(17)	1.50	1.65	3.00	1.60	2.00	1.60
(18)	.40	.65	1.00	.60	.60	.50
(19)	40	.50	1.00	.50	.50	.30
(20)	1.25	1.00	1.50	1.00	1.00	1.50
(21)	2.00	2.00	3.00	2.50	2.50	1.50
(22)	2.00	.60	1.00	1.00	.50	1.50
(23)	.05	.03	.05	.03	.05	.05
(24)	3.00	3.00	3.00	3.00	3.00	3.00

BIDS WANTED

DALY CITY, San Mateo Co., Cal.—Until May 11, 8 P. M., bids will be received by the Jefferson School Dist. at the Manual Arts Bldg., 344 Santa Barbara Ave., Daly City, for grading and improving school yards at the Woodrow Wilson and Jefferson Schools.

The work involves:
(1) 74,000 ft. grading and preparation of subgrade;
(2) 53,000 sq. ft. crusher run rock macadam base with emulsified oil and screenings surface;
(3) 1000 lin. ft. 2-in. x 6-in. Redwood headers;
(4) 80 ft. 2-in x 12-in. Redwood curb;
(5) One brick manhole;
(6) One brick catchbasin;
(7) 192 ft. 8-in. concrete pipe storm sewer.

Plans and specifications on file at the office of R. L. Crane, Superintendent of Schools, 341 Santa Barbara Ave., Daly City, and obtainable from George Kneese engineer, 2382 Broadway, Redwood City, at a charge of $2.00.

All bids must be accompanied by a certified check for not less than 10% of the amount bid. •

BIDS WANTED

SAN BERNARDINO AND RIVERside Counties, Cal.—Until May 21, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 19.4 miles surfacing with plant-mixed surfacing (slow curing type) and applying seal coat thereto, in San Bernardino and Riverside Counties at various locations.

The work involves:
(1) 337,600 sq. yds. asphaltic paint binder;
(2) 16,000 tons plant-mixed surfacing
(3) 176 tons asphaltic emulsion (seal coat);
(4) 1040 cu. yds. sand (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

BIDS WANTED

PLUMAS COUNTY, Cal.—Until May 20, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 5.6 miles grading and applying penetration oil treatment in Plumas County between 4 miles east of Beckwourth and Ede's Ranch.

The work involves:
(1) 450 M gals. water;
(2) 40,600 cu. yds. roadway excavation unclass.;
(3) 177,000 sta. yds. overhaul;
(4) 12,650 cu. yds. imported borrow;
(5) 410 cu. yds. struc. excav.;
(6) 297 sta. finishing roadway;
(7) 150 tons liquid asphalt SC-2;
(8) 75 tons liquid asphalt SC-4;
(9) 460 cu. yds. sand;
(10) 475 lbs. bar reinf. steel;
(11) 15 cu. yds. Class A Portland cement conc. (strucs.);
(12) 5 cu. yds. dry rubble;
(13) 100 cu. yds. rock slope protection
(14) 40 lin. ft. 18-in. CMP;
(15) 92 lin. ft 24-in. CMP;
(16) 96 lin. ft. 36-in. CMP;
(17) 200 lin. ft. CMP clean and relay;
(18) 14 each culvert markers;
(19) 29 each monuments.

NOTE—The State will furnish CMP as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the Dist. Engineer in San Francisco, Los Angeles and Redding. •

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Union Paving Co., 624 Call Bldg., San Francisco, at $28,410 submitted low bid and awarded contract by Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, for the improvement of Saratoga Ave. between Stevens Creek Road and Prospect Rd., involving:
(1) 277,500 sq. ft. asphaltic concrete surfacing;
(2) 2800 tons asphaltic concrete base.

Complete bids follow

Union Paving Co., S. F.	$28,410
A. J. Raisch, San Jose	28,898
Heafey-Moore Co., Oakland	39,618
Engineer's estimate	29,190

BIDS WANTED

SHASTA COUNTY, Cal.—Until May 14, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for applying bituminous treatment (light surface application) on 5.722 miles of Sections G and H of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta and Lassen National Forests, Shasta Co.

The work involves:
(1) 152 tons liquid asphaltic road material, Type SC-2
(2) 60 tons do, Type SC-4.

Plans and specifications obtainable from the above office upon deposit of $10.00. •

LASSEN COUNTY—BIEBER OVERCROSSING—(STATE)

LASSEN COUNTY, Cal—Poulos & McEwen, 2522 17th St., Sacramento, at $61,728.15 submitted low bid to the State Highway Commission, Sacramento, for construction of an overhead crossing over the tracks of the Great Northern Railway near Bieber Station, Lassen County, consisting of a steel and timber structure with concrete deck and grading and surfacing with road-mix surfacing approximately 0.54 mile of roadway.

The work involves:
(1) 1 only exist. bridge to be removed and disposed of;
(2) 1400 M. gals. water;
(3) 104,000 cu. yds. imported borrow;
(4) 450 cu. yds. struc. excav.;
(5) 125 cu. yds. ditch and channel excavation;
(6) 30 sta. finishing roadway;
(7) 2000 cu. yds. selected imported borrow (blended subgrade);
(8) 200 cu. yds. binder material (blended subgrade);
(9) 8500 sq. yds. blending and compacting subgrade;
(10) 1420 tons min. aggregate (road-mix surfacing);
(11) 75 tons liquid asphalt ROMC-3 or ROMC-4 (road-mix surf.);
(12) 10 tons liquid asph. SC-2 (prime coat);
(13) 37 tons liquid asph. SC-4 (road-mix surf. treatment);
(14) 8700 sq. yds. preparing, mixing and shaping roadbed;
(15) 9 tons liquid asph. ROMC-3 or ROMC-4 (seal coat);
(16) 52 cu. yds. sand (seal coat);
(17) 13,100 lbs. bar reinf. steel;
(18) 120 cu. yds. Class A Portland cement concrete (struc.);
(19) 14,500 lbs. struc. steel;
(20) 43 MFBM treated Douglas fir timber;
(21) 8 MFBM Redwood timber, dense, select, all heart, struc. grade;
(22) 1060 lin. ft. furnishing treated Douglas fir piles, including test piles;
(23) 30 each driving treated Douglas fir piles, includ. test piles;
(24) 48 lin. ft. 8-in. CMP;
(25) 108 lin. ft. 18-in. do;
(26) 112 lin. ft. 54-in. CMP No. 8 gauge;
(27) 196 lin. ft. 54-in. CMP No. 12 gauge;
(28) 4 each spillway assemblies;
(29) 3722 lin. ft. laminated guard railing;
(30) 5 each culvert markers;
(31) 0.5 mile exist. property fences moved and reset;
(32) 1.25 mile traffic stripe;
(33) 6 each monuments complete in place;
(34) 1 lot misc. items of work.

Total bids follow:
(A) Poulos & McEwen, Sacramento, $61,728.15.
(B) M.J.B. Const. Co., Stockton, $67-517.70.
(C) Dunn & Baker, Klamath Falls, $69,884.70.
(D) Fredericksen & Westbrook, Lower Lake, $70,561.30.
(E) J. G. Chigris, San Francisco, $72-753.30.
(F) P. L. Crooks Co., Portland, $97-761.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 200.00	$ 800.00	$ 500.00	$1000.00	$ 300.00	$ 200.00
(2)	.80	.50	1.10	.90	1.00	1.00
(3)	.29	.33	.37	.33	.37	.55
(4)	.75	.80	1.25	1.20	1.00	1.00
(5)	.50	.60	1.00	1.50	1.00	1.00
(6)	2.00	5.00	7.00	10.00	10.00	5.00
(7)	.35	.35	.45	.46	.50	.80
(8)	3.25	3.50	2.00	2.00	2.00	3.00
(9)	.12	.05	.08	.08	.07	.15
(10)	3.00	3.50	3.20	3.00	3.50	3.00
(11)	24.00	28.00	26.00	24.00	24.00	40.00
(12)	30.00	22.00	30.00	20.00	20.00	40.00
(13)	26.00	25.00	23.00	24.00	23.00	40.00
(14)	.08	.05	.10	.08	.10	.30
(15)	20.00	30.00	30.00	30.00	26.00	40.00
(16)	1.50	2.50	2.00	3.00	2.00	3.00
(17)	.055	.055	.06	.07	.06	.10
(18)	26.00	20.00	22.00	25.00	22.00	20.00
(19)	.0625	.064	.07	.07	.08	.10
(20)	100.00	120.00	90.00	120.00	120.00	120.00
(21)	120.00	125.00	95.00	120.00	120.00	100.00
(22)	.70	.80	.80	.60	.70	.70
(23)	32.00	25.00	15.00	21.50	25.00	25.00
(24)	.85	.95	1.00	1.00	1.05	1.25
(25)	1.65	2.50	2.00	1.70	1.50	3.00
(26)	11.00	14.50	13.00	15.00	11.70	13.00
(27)	7.50	11.00	10.00	12.00	8.70	11.00
(28)	15.00	12.00	15.00	18.00	15.00	15.00
(29)	.95	.80	.60	1.10	1.00	1.00
(30)	2.00	3.00	2.00	3.00	2.50	5.00
(31)	250.00	400.00	250.00	300.00	200.00	600.00
(32)	50.00	65.00	200.00	200.00	100.00	200.00
(33)	3.00	2.50	3.50	3.00	3.00	5.00
(34)	700.00	1000.00	850.00	1500.00	1200.00	1500.00

CONTRACT AWARDED

STOREY and Washoe Cos., Nev.—Isbell Const Co., 1300 E 4th Street, Reno, at $56,174.10, submitted low bid (as previously reported) and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the surfacing of portions of the State highway system in Storey and Washoe Counties, Route 17, Sections A, A2 and A3, between a point approximately 8 miles southeast of Browns to a point approximately 0.6 of a mile southeast of Browns (Geiger Grade) a length of approximately 7.44 miles.

The work involves

(1) 38 l.f. remove culvert pipe;
(2) 1 each, remove culvert headwall;
(3) 100 c.y. roadway excavation;
(4) 770 c.y. structure excavation;
(5) 7.45 miles subgrade;
(6) 7.45 miles finish roadway;
(7) 35,050 tons crush. gravel or stone surface;
(8) 36 c.y. Class B concrete;
(9) 940 lbs. reinforcing steel;
(10) 1,710 l.f. 15-in. CMP;
(11) 632 l.f. 18-in. CMP;
(12) 110 l.f. 48-in. CMP;
(13) 38 l.f. relay culvert pipe;
(14) 9 each 21x24-in. grate;
(15) 6 each 24x24-in. grate;
(16) 20,360 c.y. select borrow.

Total bids follow:

(A) Isbell Const. Co., Reno, $56,174.10
(B) Nevada Rock & Sand Co., Reno, $58,157.45.
(C) Pacific Const. Co., San Francisco, $59,730.20.
(D) Engineer's estimate, $49,080.30.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .75	$ 1.25	$ 1.00	$ 1.00
(2)	10.00	5.00	10.00	5.00
(3)	1.00	1.50	2.00	1.00
(4)	1.50	1.75	2.00	1.50
(5)	100.00	150.00	200.00	100.00
(6)	100.00	75.00	200.00	50.00
(7)	.85	.88	.90	.65
(8)	35.00	38.00	40.00	35.00
(9)	.08	.075	.10	.07
(10)	1.85	2.35	2.00	2.25
(11)	2.00	3.25	3.00	3.00
(12)	9.00	10.50	8.00	10.00
(13)	1.00	1.50	1.00	1.00
(14)	47.00	45.00	60.00	25.00
(15)	50.00	50.00	75.00	30.00
				29

BIDS WANTED

SAN ANSELMO, Marin Co., Cal.—Until May 12, 8 P. M., bids will be received by the San Anselmo City Council, F. D. Burrows, Town Clerk, for the improvement of 0.8 mile of Sir Francis Drake Blvd. between Red Hill Ave. and northwest municipal limits of the town. Work includes preparing and paving with asphalt concrete the present macadam shoulders and repaving the present pavement with asphalt conocrete.

The work involves:

(1) 4,000 sq. yds. sub-grade preparation;
(2) 50 tons asphalt concrete leveling course;
(3) 675 tons asphalt concrete, Type B surface;
(4) 80 tons crusher run rock in place.

Plans and specifications obtainable at the office of the Superintendent of Streets, Town Hall, San Anselmo, upon deposit of $5.

Work will be partially financed with state gasoline tax funds.

CONTRACT AWARDED

SACRAMENTO, Cal.—Heafey-Moore Co., 344 High St., Oakland, at $15,864.50 awarded contract by the Sacramento City Council for improvement of J Street, between Alhambra Blvd. and 46th Street.

WASHOE CO., NEV.—UNDERPASS & BRIDGE—STATE

WASHOE COUNTY, Nev.—J. F. Knapp, 1401 Park Ave., Oakland, at $153,351.50, as previously reported submitted low bid and awarded contract by the Nevada State Highway Commission, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a concrete and steel underpass and a concrete and steel bridge on Alameda and Wells Avenue, Reno, a length of approximately 0.31 mile.

The work involves:

(1) 402 l.f. remove curb and gutter;
(2) Lump sum, remove bridge;
(3) 8,458 sq. ft. remove paving;
(4) 26,446 c.y. rdwy. excav.;
(5) 1,224 c.y. select borrow;
(6) 2,335 c.y. structure excavation;
(7) 5,031 sq. yds. subgrade;
(8) 0.31 mile finish roadway;
(9) 1,320 c.y. crushed gravel or stone surface;
(10) 242 c.y. do (foot paths);
(11) 39 tons asphaltic road material, Type SC-2;
(12) 3 tons do, Type MC-2;
(13) 2 tons emulsified asph. penetration;
(14) 5,031 sq. yds. roadmix;
(15) 11,225 sq. ft. pavement patches;
(16) 3,135 c.y. Class A concrete;
(17) 270 c.y. Class A concrete (curb, gutter and sidewalk);
(18) 271 c.y. Class D concrete;
(19) 1,466 l.f. concrete rail;
(20) 330,500 lbs. reinforcing steel;
(21) 391,000 lbs. structural steel;
(22) 70 l.f. 8-in. CMP;
(23) 104 l.f. 12-in. CMP;
(24) 1,034 l.f. 8-in. perforated underdrain;
(25) 118 l.f. 10-in. do;
(26) 2,300 lbs. castings;
(27) 150 l.f. pipe rail;
(28) 1,000 sq. ft. 3-ply waterproofing;
(29) 800 c.y. ballast;
(30) Lump sum, lighting equipment;
(31) Lump sum, misc. items.

Total bids follow:

(A) J. F. Knapp, Oakland, $153,351.50.
(B) I Christensen, Reno, $161,396.60.
(C) Geo French, Jr., Stockton, $163,892.33.
(D) Isbell Const. Co., Reno, $168,055.31
(E) Pacific Const. Co., San Francisco, $177,734.56.
(F) Engineer's estimate, $170,213.74.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .15	$ .25	$ 1.00	$ .25	$ .50	$ .25
(2)	5000.00	4800.00	5500.00	5250.00	7000.00	5000.00
(3)	.05	.10	.15	.20	.15	.20
(4)	.50	.60	.70	.45	.40	.45
(5)	.75	.50	.60	.70	.50	.50
(6)	3.50	3.00	5.00	3.00	2.00	3.00
(7)	.20	.03	.08	.05	.10	.43
(8)	500.00	800.00	800.00	1000.00	500.00	1000.00
(9)	1.50	1.30	1.50	1.25	1.25	1.25
(10)	2.00	1.75	2.00	2.00	2.00	2.00
(11)	20.00	22.00	16.20	18.00	25.00	20.00
(12)	40.00	30.00	50.00	45.00	40.00	27.00
(13)	40.00	30.00	60.00	40.00	40.00	26.00
(14)	.10	.07	.10	.06	.06	.06
(15)	.12	.20	.10	.08	.30	.65
(16)	18.00	19.00	18.00	21.00	22.00	21.00
(17)	18.00	15.00	24.00	16.50	16.00	16.00
(18)	20.00	22.00	26.00	22.70	22.00	23.00
(19)	3.00	3.50	3.00	4.00	3.00	4.00
(20)	.045	.05	.0425	.05	.06	.05
(21)	.06	.065	.06	.07	.08	.065
(22)	1.25	1.00	1.50	1.30	1.00	1.00
(23)	1.50	1.35	1.70	1.60	1.50	1.50
(24)	1.25	1.15	1.45	1.35	1.50	1.10
(25)	1.50	1.20	1.60	1.35	2.00	1.25
(26)	.12	.16	.11	.09	.15	.15
(27)	3.00	1.10	1.50	3.50	3.00	1.00
(28)	.50	.60	.15	.50	.50	.50
(29)	.90	1.50	1.75	1.21	1.50	.75
(30)	3000.00	3250.00	2800.00	2725.00	3000.00	2500.00
(31)	3000.00	2250.00	1500.00	3500.00	3500.00	3000.00

LINCOLN COUNTY, NEV.—12.25 Mi. SURFACING—State

LINCOLN CO., Nev.—Geo. French, Jr., P. O. Box 107, Stockton, Calif., at $21,172.65 as previously reported, submitted low bid and awarded contract by the Nevada State Highway Commission, Robert A. Allen, State Highway Engineer, Carson City, for construction of approximately 12.25 miles of asphaltic road-mix surfacing in Lincoln County between Alamo and Crystal Springs, Route 7, Section B1.

The work involves:

(1) 902 tons asphaltic road material, Type SC-2;
(2) 80 tons asphaltic road material, Type MC-2;
(3) 12.25 miles road mix;
(4) 12.25 miles finishing roadway;
(5) 120 culvert markers.

Total bids follow:

(A) Geo. French, Jr., Stockton, Calif., $21,172.65.
(B) U. B. Lee, San Leandro, Calif., $21,588.75.
(C) J. A. Casson, Hayward, Calif., $22,955.55.
(D) J. C. Compton, McMinnville, $23,000.50.
(E) Dodge Const., Inc., Fallon, $27,337.50.
(F) Engineer's estimate, $27,177.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$15.20	$15.0	$17.15	$16.50	$20.00	$20.00
(2)	23.70	25.0	24.00	25.00	27.50	27.00
(3)	400.00	450.0	375.00	450.00	500.00	500.00
(4)	25.00	25.0	50.00	20.00	50.00	50.00
(5)	3.00	2.00	3.00	3.00	3.00	2.00

BIDS WANTED

MONO COUNTY, Cal.—Until May 20, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for grading and surfacing with bituminous treated selected material in Mono County between two miles south of Rush Creek and two miles north of Leevining.

The work involves:

(1) 70 acres clearing and grubbing right of way;
(2) 5,400 M. gals. water;
(3) 96,300 c.y. rdwy. excav., unclass.
(4) 117,000 sta. yds. overhaul;
(5) 1,800 c.y. struc. excav.;
(6) 1,200 c.y. ditch excav.;
(7) 19,500 c.y. Type A imported borrow;
(8) 19,000 c.y. Type B do;
(9) 20 c.y. light riprap;
(10) 482 sta. finishing rdwy.;
(11) 225 tons liquid asph. SC-2 (prime coat);
(12) 21,500 tons of selected material (surfacing);
(13) 950 tons liquid asphalt SC-3 (bituminous treatment)
(14) 9.75 miles mixing, shaping and compacting bit. treated surf.;
(15) 100 tons liquid asph. MC-3 (seal coat);
(16) 875 tons screenings (seal coat);
(17) 26,500 lbs. bar reinf. steel;
(18) 265 c.y. Class A Portland cement concrete (struc.);
(19) 352 l.f. 18-in. CMP;
(20) 1,904 l.f. 24-in. CMP;
(21) 48 l.f. 24-in. CMP (close riveted and soldered);
(22) 50 l.f. 36-in. CMP;
(23) 68 l.f. 54-in. CMP;
(24) 21 l.f. cleaning and relaying CMP culverts;
(25) 38 l.f. cleaning and salvaging do;
(26) 1 each existing headwalls to be removed and disposed of;
(27) 9.5 miles new property fences (standard);
(28) 2.15 miles do (hog tight);
(29) 22 each drive gates;
(30) 0.92 mile existing fences to be removed and disposed of;
(31) 1 each cast steel frame and grating;
(32) 2 each cattle guards;
(33) 123 l.f. laminated guard railing;
(34) 33 each culvert markers;
(35) 86 each guide posts;
(36) 112 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Bishop.

BIDS WANTED

FRESNO, Fresno County, Cal.—Until May 7, 11 A. M., bids will be received by the Fresno City Commission, H. S. Foster, City Clerk, City Hall, for the construction of sidewalks, curbs, gutters and asphaltic concrete pavement on O Street from Stanislaus St. to Fresno St.

Bids will be taken as follows:

(1) Apshalt concrete, per ton;
(2) Transit mix Portland cement concrete, 1-2-4, per c.y.;
(3) Asphalt curb joint, per piece;
(4) Asphalt joint fabric, ¼x6-in. per lin. ft.

Plans and specifications obtainable from the above office.

LOW BIDDERS

STOREY & WASHOE COUNTIES, Nevada—Isbell Constr. Co., 1300 E. 4th St., Reno, at $56,174.10 submitted low bid to Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, for the surfacing of portions of the State highway system in Storey and Washoe Counties, Route 17, Section A, A2, and A3, between a point approximately eight miles southeast of Browns to a

WASHOE CO., NEV.—W. 2nd ST. UNDERPASS—STATE

WASHOE COUNTY, Nev.—J. F. Knapp, 1401 Park Ave., Oakland, at $92,496.80, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Commission, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a concrete and steel underpass under the Southern Pacific Railway on West Second St., near Reno, a length of 0.254 mile.

Total bids follow:

The work involves:

(1) 70 c.y. remove concrete;
(2) 20,883 c.y. roadway excavation;
(3) 1,080 c.y. select borrow;
(4) 450 c.y. structure excavation;
(5) 0.25 mile finish roadway;
(6) 1,680 c.y. Class A concrete;
(7) 182,500 lbs. reinforcing steel;
(8) 424,000 lbs. structural steel;
(9) 110 c.y. hand-laid riprap;
(10) 10 each, monument;
(11) 11,500 sq. ft. asph. waterproofing (3-ply);
(12) Lump sum, pumping equipment;
(13) Lump sum, lighting equipment;
(14) 200 l.f. 6-in. wrought iron pipe;
(15) 478 l.f. 8-in. do;
(16) 2,100 c.y. ballast;
(17) 2,250 lbs. castings;
(18) Lump sum, move buildings.

(A) J. F. Knapp, Oakland, $92,495.80.
(B) Geo. French, Jr., Stockton, $92,606.25.
(C) Isbell Const. Co., Reno, $98,167.50
(D) Dodge Const., Inc., Fallon, $98,879.25.
(E) Pacific Const. Co., San Francisco, $105,147.35.
(F) Engineer's estimate, $98,116.65.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 3.00	$ 6.00	$ 5.00	$ 6.00	$ 5.00	$ 4.00
(2)	.60	.90	.50	.50	.45	.55
(3)	.75	.50	.75	1.00	.70	.75
(4)	2.00	5.00	2.00	3.00	2.00	1.50
(5)	500.00	800.00	300.00	1000.00	500.00	300.00
(6)	18.00	16.00	20.00	20.00	22.00	21.00
(7)	.045	.0425	.05	.0525	.06	.05
(8)	.0675	.0625	.07	.07	.08	.07
(9)	6.00	4.00	4.00	5.00	5.00	4.00
(10)	5.00	3.00	3.50	3.00	3.00	3.00
(11)	.25	.12	.20	.25	.20	.22
(12)	2200.00	1800.00	2500.00	2250.00	2500.00	2700.00
(13)	1250.00	1000.00	1500.00	1250.00	1000.00	1100.00
(14)	2.25	2.00	2.90	2.50	2.50	1.50
(15)	2.75	2.60	3.25	3.00	3.00	2.00
(16)	.80	1.25	1.40	1.50	1.50	1.00
(17)	.12	.11	.09	.15	.10	.20
(18)	100.00	100.00	100.00	100.00	100.00	100.00

Mineral & Esmeralda Cos., Nev.—20.86 Mil Surf.—State

MINERAL and Esmeralda Counties, Nev.—U. B. Lee, 1059 Carpentier St., San Leandro, Calif., at $27,280.50, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Commission, Robert A. Allen, State Highway Engineer, Carson City, for construction of approximately 20.86 miles of asphaltic road-mix surfacing in Mineral and Esmeralda Counties, between Coaldale and Rhodes, Route 3, Sections F and A1.

The work involves:

(1) 1110 tons asphaltic road material, Type SC-2.
(2) 137 tons asphaltic road material, Type MC-2;
(3) 20.86 miles road mix;
(4) 20.86 miles finishing roadway;
(5) 208 culvert markers.

Total bids follow:

(A) U B. Lee, San Leandro, $27,280.50
(B) Dodge Const., Inc., Fallon, $27,802.50.
(C) Clyde W. Wood, Stockton, $28,912.00.
(D) J. A. Casson, Hayward, $29,115.70
(E) J. C. Compton, McMinnville, Ore., $29,182.20.
(F) Geo. French, Jr., Stockton, Cal., $31,830.62.
(G) Engineer's estimate, $34,047.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$13.50	$14.00	$14.50	$15.30	$16.00	$15.34	$17.00
(2)	22.00	21.00	22.00	23.10	24.00	23.56	24.00
(3)	400.00	400.00	400.00	375.00	350.00	500.00	500.00
(4)	25.00	25.00	50.00	25.00	20.00	25.00	50.00
(5)	2.00	2.50	2.00	3.00	2.00	3.00	2.00

NYE CO., NEV.—24.21 Mi. SURFACING—STATE

NYE COUNTY, Nev.—Geo. French Jr., P. O. Box 107, Stockton, Calif., at $32,841.75, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Commission, Robert A. Allen, State Highway Engineer, Carson City, for construction of approximately 24.21 miles of asphaltic road-mix surfacing in Nye County between three miles north of Springdale and six miles south of Stonewall Pass, Route 6, Sections H2, J, and K1.

The work involves:

(1) 1576 tons asphaltic road material, Type SC-2;
(2) 159 tons asphaltic road material, Type MC-2;
(3) 24.21 miles road mix;
(4) 24.21 miles finishing roadway;
(5) 240 culvert markers.

Total bids follow:

(A) Geo. French, Jr., Stockton, Calif., $32,841.75.
(B) J. A. Casson, Hayward, $34,623.05
(C) J. C. Compton, McMinnville, $35,037.65.
(D) Dodge Const., Inc., Fallon, $36,371.75.
(E) C. W. Wood, Stockton, Cal., $38,512.50.
(F) U. B. Lee, San Leandro, Calif., $39,483.25.
(G) Engineer's estimate, $46,138.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$13.20	$14.30	$14.00	$14.00	$15.00	$16.00	$18.00
(2)	21.70	22.00	23.00	21.50	22.00	22.00	25.00
(3)	300.00	300.00	350.00	400.00	400.00	400.00	500.00
(4)	25.00	25.00	15.00	25.00	50.00	25.00	50.00
(5)	3.00	3.00	2.00	2.50	2.00	2.00	2.00

point approximately 0.6 mile southeast of Browns (Geiger Grade), a length of approximately 7.44 miles.

Nevada Rock & Sand Co., Reno, at $58,157.45 submitted second low bid.

Complete bids will be published shortly.

BIDS WANTED

VENTURA CO., Calif.—Until May 21, 2 P. M., bids will be received by the State Highway Engineer, State Building, Los Angeles, for grading and paving with asphalt concrete and Portland cement concrete, the roads within the State Hospital grounds at Camarillo, Ventura County.

The work involves:

(1) Clearing and grubbing;
(2) 80 M. gals. water;
(3) 6,000 c.y. rdwy. excav., unclass.;
(4) 30 c.y. struc. excav.;
(5) 8,100 sq. yds. preparing subgrade for pave;
(6) Finishing roadway;
(7) 1,110 tons asphalt concrete leveling course);
(8) 610 tons asphalt concrete (type B surface course);
(9) 100 c.y. Class A Portland cement concrete (pavement);
(10) 4 c.y. Class A Portland cement concrete (struc.);
(11) 210 c.y. Class A Portland cement concrete (curbs and gutters);
(12) 1,800 lbs. misc. iron and steel.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

ORANGE CO., Calif. — Until May 21, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 9.8 mi. Portland cement concrete pavement widening in Orange County between Seal Beach and Newport Beach.

The work involves:

(1) 1,150 M. gals. water;
(2) 48,000 c.y. rdwy. excav., unclass.
(3) 5,220,000 sta. yds. overhaul;
(4) 30 c.y. special excav.;
(5) 63,000 sq. yds. subgrade for pave.
(6) 518 sta. finishing rdwy. ;
(7) 2,160 tons mineral agg. (plant-mixed surf.);
(8) 115 tons liquid asphalt MC-5 or MC extra heavy (do);
(9) 1 ton liquid asphalt MC-2 (prime coat);
(10) 590 tons liquid asphalt SC - 2 (road-mix surf. treatment);
(11) 49,000 sq. yds. preparing, mixing and shaping shoulders;
(12) 12,390 c.y. Class B Portland cement concrete (pave.);
(13) 48,000 lbs. bar reinf. steel (pave.)
(14) 25,500 each pave. dowels;
(15) 350 c.y. exist. pave. to be removed and disposed of;
(16) 26,000 sq. yds. asph. paint binder;
(17) 36 l.f. laminated guard railing;
(18) 130 each guide posts;
(19) 3 each pave. crossing devices, Type C (single lane);
(20) 6 each do (double lane);
(21) 1 only existing timber bridge to be removed.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACTS AWARDED

STATE OF WASHINGTON.—Bids for highway construction were opened by L. V. Murrow, Director of Hhigawsy, Olpmpia, April 21, and action taken as follows

Franklin and Benton Counties—Paving with Portland cement concrete and constructing reinforced concrete and steel approach spans on about 0.3 miles of State Road No. 3, Pasco-Kennewick Bridge Revision, involving about 28,290 cubic yards of excavation, 720 cubic yards of crushed stone surfacing, 702 linear feet of cable guard rail design No. 6, 2,262 square yards of cement concrete pavement, 1,030 cubic yards of concrete, 227,000 pounds of structural carbon steel, 234,000 pounds of structural silicon steel, 125,770 pounds of steel reinforcing bars, 4,800 linear feet of steel foundation piles, 173 M.B.M. of timber and lumber, 600 linear feet of round timber posts, 4800 linear fee of timber piling and other items.

Bids rejected. Low bid submitted by Teufel & Carlson, Skinner Bldg., Seattle, at $124,653.

Clallam and Grays Harbor Counties—Paving with Portland cement concrete, asphaltic concrete and constructing asphaltic concrete sidewalks and shoulders on about 2.5 miles of State Road No. 9, First Street between Lincoln and Race in Port Angeles; City Streets in Hoquiam; City Streets in Aberdeen, involving about 312 cubic yards and 525 square yards of cement concrete pavement, 1,040 tons of type H-1 and 3,364 tons of type I-1 asphaltic concrete pavement, 335 linear feet of pipe culverts and other items.

Awarded: Washington Asphalt Co., 309 W 39th, Seattle, $51,870.

Kitsap County—Paving with Portland cement concrete about 0.4 miles of State Road No. 21, Sixth Street, Naval to Veneta, in City of Bremerton.

Bids rejected. Low bid submitted by Tony Romano, 1833 Dearborn, Seattle, at $10,901.

Walla Walla County—Grading, surfacing, paving with asphaltic concrete and constructing bituminous surface treatment "Road Mix," bituminous surface treatment "Plant Mix" and reinforced concrete bridge on about 0.4 miles of city street, City of Walla Walla, involving about 5,880 cubic yards of excavation, 1,650 cubic yards of crushed stone surfacing, 65 tons of bituminous cement, 25 tons of asphaltic concrete type I-1, 61 tons of plant mix, 281 cubic yards of concrete, 62,500 pounds of steel reinforcing bars, 285 linear feet of pipe culverts and other items.

Bid rejected. Only bid submitted by J. H. Collins & Co., Walla Walla, at $25,791.

King County—Paving with Portland cement concrete, constructing cement concrete and asphaltic concrete sidewalks and treated pile and timber trestle on about 2.251 miles of county road, Black River Junction to Renton, involving about 159,405 cubic yards of excavation, 599 cubic yards of crushed stone surfacing, 30,893 square yards and 287 cubic yards of cement concrete pavement, 1130 square yards of cement concrete and 377 tons of asphaltic concrete, Type I-1, sidewalks, 13,566 linear feet of cable guard rail design No. 6, 260 cubic yards of concrete, 55,000 pounds of steel reinforcing bars, 133 M.B.M. of timber and lumber creosote treated, 9 M.B.M. of timber and lumber zinc chloride treated, 12 M.B.M. of timber and lumber untreated, 4,400 linear feet of treated piling, 1,831 linear feet of pipe culverts and other items.

Awarded: J. B. Covello, 1510 Sturgis S., Seattle, at $159,718.

BIDS OPENED

STOCKTON, San Joaquin Co, Cal. —Bids were opened April 22 by Yancy Smith, care Geo. E. Crane Co., 30 So. San Joaquin St., Stockton, for improvement of streets in the Westmoor Subdivision.

Bids were taken as follows:

(1) 5,604 c.y. cut;
(2) 60 c.y. fill;
(3) 103.67 l.f. curb and gutter, in varying width from 2½ to 4½';
(4) 162.31 l.f. concrete curb and gutter, 2½ ft. wide;
(5) 4,105.51 l.f. concrete curb and gutter, 4½ ft. wide;
(6) 21,441.14 sq. ft. concrete sidewalk
(7) 70,321.24 sq. ft. cementic gravel type base;
(8) 70,831.24 sq. ft. stabilized gravel base;
(9) 70,831.24 sq. ft. asphaltic macadam type wearing surface;
(10) 70,831.24 sq. ft. asphaltic concrete type wearing surface;
(11) 70,831.24 sq. ft. plant-mix surface type wearing surface.

The bidders were:

(A) John Hachman, P. O. Box 206, Stockton.
(B) Heafey-Moore Co, 344 High St., Oakland.
(C) Stewart M. McGaw, 425 Lexington Ave., Stockton.
(D) M.J.B. Const. Co., 319 Elks Bldg. Stockton.
(E) Claude C. Wood, 669 Bedford Rd., Stockton.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	$ .27	$ .225	$ .45	$ .35	$ .22
(2)....	.30	.225	.30	1.00	.22
(3)....	1.10	1.50	1.85	.80	1.40
(4)....	1.05	1.20	1.25	.60	1.05
(5)....	1.32	1.90	1.50	1.65	1.85
(6)....	185	.20	.22	.20	.20
(7)....	.037	.04	.04	.05	.0375
(8)....	.....	.065	.065	.068	.....
(9)....	.....	.....	.05	.056	.....
(10)....	.....	.045	.05	.08	.....
(11)....	.05	.06	.037	.0625	.043

Bids held under advisement.

CONTRACT AWARDED

SANTA CRUZ COUNTY, Cal.—L. C. Karstedt, 16 Wall St., Watsonville, at $8640.56 submitted only bid received and awarded contract by the Santa Cruz County Board of Supervisors, Court House, Santa Cruz, for the improvement of East Cliff Drive, about two miles east of Santa Cruz.

The work involves:

(1) 9,400 c.y. rdwy. excav., unclass.;
(2) 2,000 c.y. imported borrow;
(3) 1,224 l.f. Redwood timber, delivered;
(4) 32 piles, driven;
(5) 18.8 MFBM trestle, including Calrock topping;
(6) One 8-in. corrugated metal pipe spillway assembly;
(7) 14 l.f. 8-in. CMP culvert;
(8) 140 l.f. 12-in. CMP culvert;
(9) 800 c.y. crusher run base rock (material furnished in truck at County quarry);
(10) 3250 gals. 50-60 road oil.

Unit bids follow:

(1).....	5 .26	(2).....	$ .50
(3).....	.44	(4).....	28.00
(5).....	85.00	(6).....	20.00
(7).....	1.00	(8).....	1.25
(9).....	2.20	(10).....	.06

Lloyd Bowman, County Surveyor.

31—PIPE LINES & WELLS

BIDS OPENED

STOCKTON, San Joaquin Co, Cal. —W. J. Tobin, 3701 Balfour Avenue, Oakland, at $27,675.85 submitted low bid to the Stockton City Council, B. L. Trahern, City Clerk, for construction of a trunk line sanitary sewer from Center St. to Pilgrim Street.

The work involves.

(1) 275 lin. ft. 12-in. vitrified clay pipe;
(2) 4950 lin. ft. 24-in. do, encased in cradle of concrete;
(3) 15 5-ft. brick manholes;
(4) One lamphole;
(5) 14,911 sq. ft. asphalt pavement to be replaced.

Total bids follow:

(A) W. J. Tobin, Oakland, $27,675.85.
(C) Oakland Sewer Const. Co., Oakland, $32,687.35.
Unit bids follow:

	(A)	(B)
(1)	$ 1.58	$ 2.50
(2)	4.05	4.98
(3)	130.00	140.00
(4)	25.00	30.00
(5)	.35	.35

Bids held under advisement for one week.

BIDS OPENED

STOCKTON, San Joaquin Co, Cal. Oakland Sewer Const. Co., 9915 Walnut St., Oakland, at $3,831.50 submitted low bid to Yancy Smith, care of George E. Crane Co., 30 South San Joaquin St., Stockton, for construciton of sanitary sewers in the Westmoor Subdivision.

Bids were taken as follows:
(1) 350 l.f. 4-in. vitrified pipe, including 25 4-in. dia. curves;
(2) 4,444.64 l.f. 8-in. do pipe, including 92 8x4-in. wye branches;
(3) 11 4-ft. dia. manholes;
(4) One 8-in. dia. lamphole.

Total bids follow:
(A) Oakland Sewer Const Co., Oakland $3,831.80
(B) Loisal Const. Co., Stockton $4,197.31
(C) W. J. Tobin, Oakland 4,379.00
(D) E. A. Burns, Stockton 4,741.48
(E) M.J.B. Const. Co., Stockton 5,500.64

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .40	$ .63	$ .44	$ .59	$ .82
(2)	.69	.69	.80	.85	1.00
(3)	55.00	80.00	60.00	67.00	68.00
(4)	20.00	30.00	10.00	20.00	21.00

Bids held under advisement.

BIDS WANTED

SAN FRANCISCO.—Until May 6, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,935 for construction of the Marina-North Point Discharge Sewer, a PWA project. Estimated cost, $116,000.

Work involves construction of a 30-inch internal diameter discharge sewer from Marina Sewage Pumping Plant north of Marina Blvd. opposite Avila St. to a point of discharge into the Bay near Pier 39.

Bids will be taken as follows:
(1) 8090 l.f. 30-in. internal diameter discharge sewer:
Alt. A — concrete protected steel pipe;
(2) 1,500 l.f. construction in tunnel:
Alt. C — concrete protected steel pipe;
Alt. D—asbestos cement pipe;
(3) Lump sum, outfall gate struc.;
(4) Lump sum, anchors at tunnel portals;
(5) 8 each, manhole vaults and appurtenances;
(6) Lump sum, vent pipes;
(7) 280 l.f. 12-in. vit. clay sewer pipe;
(8) 220 l.f. 10-in. do culvert or side sewer;
(9) 3 each brick manholes.
(I) Total of all items using concrete protected steel pipe.
(II) Total of all items using asbestos cement pipe.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS OPENED

VALLEJO, Solano Co., Cal.—R. R. Carlson, Weber Ave. and E Street, Stockton, at $29,264 submitted low bid to the Vallejo City Council, Alf E. Edgcumbe, City Clerk, for the construction of storm sewers in Virginia Street, between Marin and Branciforte, and in Sonoma St., between Virginia and Maryland.

The work involves:
SCHEDULE A—Virginia St.
(1) 40 l.f. 48-in. i.d. reinforced concrete pipe;
(2) 480 l.f. 33-in. vitrified clay pipe;
(3) 480 l.f. 30-in. do;
(4) 484 l.f. 24-in. do;
(5) 280 l.f. 15-in. do;
(6) 56 l.f. 12-in. do;
(7) 10 c.y. concrete jacket;
(8) 10 c.y. additional excavation;
(9) 10 tons quarry waste;
(10) 5 each, manholes;
(11) 11 each, catchbasins;
(12) 3 MBM trench bracing.
SCHEDULE B—Sonoma St.
(13) 88 l.f. 39-in. i.d. reinforced concrete pipe;
(14) 360 l.f. 36-in. vitrified clay pipe;
(15) 366 l.f. 30-in. do;
(16) 360 l.f. 24-in. do;
(17) 374 l.f. 21-in. do;
(18) 340 l.f. 18-in. do;
(19) 352 l.f. 15-in. do;
(20) 56 l.f. 12-in. do;
(21) 10 c.y. concrete jacket;
(22) 10 c.y. additional excavation;
(23) 10 c.y. quarry waste;
(24) 6 each, manholes;
(25) 13 each, catchbasins;
(26) 6 MBM trench bracing.

Total bids follow:
(A) R. R. Carlson, Stockton: Sched. A, $13,666; Sched. B, $15,598; total, $29,264.
(B) W. J. Tobin, Oakland: Sched. A, $13,092.08; Sched. B, $17,164.08; total, $30,246.16.
(C) Robert B. McNair, Oakland: Sched. A, $16,659; Sched. B, $19,841; total, $36,500.

Unit bids follow:

SCHEDULE "A"

	(A)	(B)	(C)
(1)	$ 11.00	$ 5.55	$ 12.50
(2)	9.75	8.14	10.00
(3)	7.50	6.83	8.50
(4)	4.25	4.58	6.00
(5)	2.00	2.97	3.50
(6)	1.50	2.61	2.50
(7)	18.00	10.00	15.00
(8)	2.00	5.00	1.50
(9)	2.50	2.00	2.50
(10)	110.00	110.00	150.00
(11)	120.00	150.00	190.00
(12)	50.00	40.00	75.00

SCHEDULE "B"

	(A)	(B)	(C)
(13)	$ 20.00	$ 10.95	$ 20.00
(14)	11.90	9.45	11.00
(15)	8.00	8.68	8.50
(16)	4.25	5.40	6.00
(17)	3.00	5.00	5.00
(18)	2.25	4.58	4.70
(19)	2.00	2.97	3.50
(20)	1.50	2.61	2.00
(21)	18.00	10.00	15.00
(22)	2.00	5.00	1.50
(23)	2.50	2.00	2.50
(24)	110.00	110.00	150.00
(25)	120.00	150.00	190.00
(26)	50.00	40.00	75.00

BIDS WANTED

MARIN COUNTY, Cal.—Until May 6, 8 P. M., bids will be received by Sanitary District No. 1 of Marin Co., A. B. Shearer, Secretary, 122 Tunstead Ave., San Anselmo, for furnishing and installing approximately 350 ft. of 8-inch vitrified clay pipe sewer in Sir Francis Drake Blvd. in Fairfax and San Anselmo.

Plans and specifications obtainable from above office.

BIDS WANTED

SALINAS, Monterey County, Cal.—Until May 4, 7:30 P. M., bids will be received by the Salinas City Council, F. E. Heple, City Clerk, City Hall, for constructing a pumping station and the installation of centrifugal sewage pumps in Sausal Street, Salinas.

Plans and specifications obtainable from the above office.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

GRAND COULEE, Wash.—Until May 15, 8 P. M., bids will be received by Grand Coulee City Council, Chas. F. Howell, Mayor, for construction of a sewer system involving about 15,770 ft. of 6- 8- 10- and 12-in. pipe, fittings, manholes and 408 ft. of flume.

Plans obtainable from City Engineer E. E. Ferguson.

BIDS WANTED

SAN BERNARDINO, Calif. — Until May 4, 4 P. M., bids will be received by the San Bernardino City Water Dept., City Hall, 416 Third St., for furnishing and installing a deep well turbine pump and a booster pump at the Acacia Street Plant, in accordance with Spec No. 509 and 510, respectively. Copies of the specifications may be obtained from the above address upon application to G. Patton, Office Engineer and Secretary.

BIDS WANTED

BAYSHORE, San Mateo Co., Cal.—Until May 7, 7:30 P. M., bids will be received by the Bayshore Sanitary District at the Voters Legion Hall, 125 Acacia St., Bayshore, for sewer construction.

The work involves:
(1) 4 manholes, rings and covers;
(2) 7000 common red brick;
(3) 1800 lin. ft. 8-in. vitrified clay pipe;
(4) 1760 lin. ft. 6-in. vitrified clay pipe;
(5) 600 lin. ft. 4-in. vitrified clay pipe;
(6) 51 8x4-in. vitrified clay wye branches ;
(7) 50 6x4-in. vit. clay wye branches;
(8) 154 4-in. vitrified pipe ⅛ bends.

Specifications obtainable from Geo. Kneese, engineer, 2382 Broadway, Redwood City.

33— WATER WORKS

PLANNED

LINCOLN, Placer Co., Calif.—City Council contemplates construction of a water filtration plant and has instructed City Attorney L. L. Sparks to investigate rights-of-way.

BIDS OPENED

OAKLAND, Cal.—Berkeley Steel Const. Co., Inc., 2nd and Camella Sts., Berkeley, at 53,450 submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, under Spec. No. L. S. 169, for furnishing and erecting a 250,000-gal. steel storage tank.

Complete bids follow:
Berkeley Steel Const. Co., Inc., Berkeley $3,450
Steel Tank & Pipe Co., Berkeley 3,500
Boiler Tank & Pipe Co., Oakland 3,598
California Steel Prod Co, S. F..... 3,610

Bids held under advisement.

BIDS WANTED

DEL NORTE COUNTY, Cal.—Until May 6, 2 P. M., as previously reported, bids will be received by the Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Ave., Eureka, for construction of a rubble masonry fountain in Del Norte County, about 2.4 miles west of Patrick's Creek, on the Redwood Highway.

The work involves:
(1) 190 cu. yds. structure excavation;
(2) 72 cu. yds. rubble masonry in place;
(3) 15 cu. yds. dry rubble in place;
(4) 28 cu. yds. spillway rock in place;
(5) One lot plumbing, complete in place.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., at $18,461.10 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,875 for construction of three reinforced concrete fire cisterns, Group 5 AWSS for Fire Protection, a PWA project.

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

ORANGE, Cal.—Peterson Bros., Inglewood, at $547 awarded contract by Treasury Department for sprinkler system at the U. S. Post Office, Orange.

BIDS OPENED

LOS ANGELES COUNTY, Cal.—Peterson Bros., 239 W. Olive Street, Inglewood, at $1829.55 submitted low bid to the Division of Highways, S. V. Cortelyou, District Engineer, State Bldg., Los Angeles, for landscaping about three miles of highway roadsides in Los Angeles County, between the east city limits of Monrovia and west city limits of Azusa.

The work involves:

(1) 81 Key No. 1 plants complete in place;
(2) 194 Key No. 2 do;
(3) 61 Key No. 3 do;
(4) 75 Key No. 4 do;
(5) 5 Key No. 5 do;
(6) 60 Key No. 6 do;
(7) 75 key No. 7 do;
(8) 76 Key No. 8 do.

Total bids follow:

(A) Peterson Bros., Inglewood, $1,829.55.
(B) Norman P. Van Valkenburgh, $2799.

Unit bids follow:

	(A)	(B)
(1)	$2.70	$5.50
(2)	4.08	4.50
(3)	1.92	3.50
(4)	2.22	3.75
(5)	1.59	3.75
(6)	1.59	3.75
(7)	1.59	4.00
(8)	4.12	4.50

OCEANSIDE, San Diego Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Oceanside, for furnishing and installing lawn sprinkler system at the U. S. Post Office, Oceanside.

April 28, 1936

AWARD RECOMMENDED

AMADOR COUNTY, Calif.—Anchor Post Fence Co., 460 Fifth St., San Francisco, at $1,231.26 submitted low bid and recommended for award by Division of Highways, R. E. Pierce, District Engineer, Stockton, for construction of a fence at the State Highway Maintenance Station at Ione, Amador County.

Complete bids follow

Anchor Post Fence Co., S. F.. $1,231.26
Kamlan Fence Co., S. F..... 1,586.92
Standard Fence Co., S. F..... 1,604.00
Pacific Fence Const. Co. L. A. 1,742.95

Unit bids will be published shortly.

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BIDS WANTED

SAN FRANCISCO.—Until May 6th, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing a lawn sprinkler system for the San Francisco War Memorial buildings at Van Ness Ave., Grove, Franklin and McAllister Sts.

Further particulars may be obtained from City Architect Chas. H. Sawyer, Room 265, City Hall.

29— STREETS AND HIGHWAYS

BID OPENING EXTENDED

ELKO COUNTY, Nev.—Until May 15, 2 P. M. (date extended from May 13, previously reported) bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway system in Elko County between 15 miles north of Elko and Dinner Station, a length of approximately 8.16 miles.

The work involves:

(1) 63 acres clearing and grubbing;
(2) 4,460 l.f. remove fence;
(3) 70,100 c.y. roadway excavation;
(4) 115,060 sta. yds. overhaul;
(5) 26,935 c.y. select borrow;
(6) 380 c.y. structure excavation;
(7) 8.16 miles subgrade;
(8) 8.16 miles finishing roadway;
(9) 31,400 tons crush. gravel or stone surfacing;
(10) 248 c.y. Class A concrete;
(11) 47 c.y. Class B concrete;
(12) 26,270 lbs. reinforcing steel;
(13) 332 l.f. 18-in. CMP;
(14) 80 l.f. 24-in. CMP;
(15) 41 each, monuments;
(16) 2,928 l.f. construct fence;
(17) 3,925 l.f. reconstruct fence.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

Funds in the sum of $120,000 have been programmed for this project.

CONTRACT AWARDED

TEHAMA COUNTY, Cal—Peninsula Paving Co, 9 Main St., San Francisco at $218,181.70 awarded contract by the State Highway Commission, Sacramento, for about 10.2 miles grading and paving with asphalt concrete in Tehama County between Corning and Proberta.

Complete bids published April 24.

CONTRACT AWARDED

ALAMEDA COUNTY Calif.—L. C. Seidel 4722 Market St. Oakland at $28,727.70 awarded contract by State Highway Commission, Sacramento, for about 0.3 mile grading and paving with Portland cement concrete in Alameda County, in the City of Berkeley, between the Folger Ave. underpass and Ninth Street.

Complete bids published April 23.

CONTRACT AWARDED

MODOC COUNTY, Cal.—Frederickssen & Westbrook, P. O. Box 138, Lower Lake, at $28,407.70 awarded contract by the State Highway Commission, Sacramento, for about six miles grading and applying penetration oil treatment in Modoc County, between Juniper Creek and Alturas.

Complete bids published April 23.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal—Regal Oil Co., 2305 Orange Ave., Long Beach at $10,032.50 awarded contract by the State Highway Commission, Sacramento, for applying penetration oil treatment to existing shoulders on about 35.9 miles in San Diego County at various locations.

Complete bids published April 23.

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal.—John Hachman, P. O. Box 206 Stockton, at $17,324.65 (based on plant-mix wearing surface with cementic gravel base) awarded contract by Yancy Smith, % of Geo. E. Crane Co., 30 South San Joaquin St., Stockton, for improvement of streets in the Westmoor Subdivision.

Bids were taken on alternate types of base and wearing surface as follows:

(1) Cementic gravel base;
(2) Stabilized gravel base;
(3) Asphaltic macadam wearing surface;
(4) Asphaltic concrete wearing surface;
(5) Plant-mix wearing surface.

The total bids were:

John Hachman, Stockton: (1 and 5) $17,324.65.
Heafey-Moore Co., Oakland: (2 and 4) $21,455.37; (1 and 4) $19,695.84; (1 and 5) $20,751.55.
Claude C. Wood, Stockton: (1 and 5) $19,110.81.
M. J. B. Constr. Co., Stockton, (1 and 3) $20,724.51; (2 and 4) $23,680.52; 1 and 4) $22,413.66; (1 and 5) $21,181.99.
Stewart M. McGaw, Stockton: (1 and 3) $20,144.27; (2 and 4) $21,903.80; (1 and 4) $20,144.57; (1 & 5) $19,229.32.

Complete unit bids published April 24.

* 29

LOW BIDDER

RIVERSIDE COUNTY, Calif.—Oilfields Trucking Co., Box 751, Bakersfield, at $13,081.81 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to existing road bed on about 27.6 miles in Riverside County, bet. Temecula River bridge and southerly boundary, and between Sage and 4.2 miles south of Hemet.

Complete bids will be given shortly.

* 29

BIDS WANTED

CLARK COUNTY, Nevada. — Until May 15, 3:00 P. M., bids will be received by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Heroes Memorial Bldg. Carson City, for the construction of a portion of the State Highway system in Clark County, Route 6, Sections C2 and C3, from Las Vegas Creek within the City of Las Vegas to a point approximately one-half mile north of Las Vegas City limits, a length of approximately 1.56 miles.

The Work involves:

(1) 13 each remove trees;
(2) 4 each remove culvert headwalls;
(3) 264 c.y. rdwy. excav.;
(4) 950 c.y. select borrow;
(5) 50 c.y. struc. excav.;
(6) 4580 s.y. footpaths;
(7) 1.56 miles finish roadway;
(8) 6 c.y. Class B concrete;
(9) 150 lbs. reinforcing steel;
(10) 1.1 MFM redwood;
(11) 50 l.f. 12-in. corru. metal pipe;
(12) 12 l.f. 15-in. vit. pipe;
(13) 24 l.f. 18-in. vit. pipe;
(14) 15 l.f. 24-in. vit. pipe;
(15) 1600 lbs. castings;
(16) lump sum, miscellaneous items.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

SAN FRANCISCO.—Until May 14, 2 P. M., bids will be received by the State Board of Harbor Commissioners, Ferry Bldg., for paving and track work at Bulkhead wharf, Piers 44 and 46. Work involves:

(1) Lump sum, preparing sub-base & tracks;
(2) 675 tons, Topeka wearing surf.;
(3) 525 tons bituminous base.

Plans and specifications may be obtained from above office upon deposit of $10.00.

* 29

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until May 4, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L. S. 171 for furnishing 5,000 l.f. 8-in. dia. asbestos cement water pipe.

Specifications obtainable from above office.

MERCED COUNTY

MERCED CO., Cal.—Until May 7, 11 A. M., bids will be received by the Merced County Board of Supervisors, Court House, Merced, P. J. Thornton, County Clerk, for furnishing not less than 15,000 nor more than 30,000 barrels of road oil processed or unprocessed, the pure asphalt bitumen content to be not less than 60% nor more than 70%.

A bid will also be required on SC-2 road oil and on so-called pipe line oil delivered at various pump stations on the west side of Merced Co.

Deliveries shall be made between May 10 and November 1, 1936.

Specifications obtainable from above office.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until May 7, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-240, for furnishing 23,330 FBM Oregon Pine lumber.

Delivery fob Rio Vista.

Specifications obtainable from the above office.

SACRAMENTO CITY

SACRAMENTO, Cal.—Until May 7, 8:15 P. M., bids will be received by Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing 7524 street signs.

Specifications obtainable from the above office.

RECLAMATION SERVICE

CASPER, Wyoming—Until May 26, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo. under Spec. No. 678, for furnishing and delivering f.o.b. cars at the shipping point and/or Casper, Wyoming, two 96-in. diameter ring - follower gates for installation in the gate chamber of the outlet works at the Alcova Dam, Casper-Alcova Project, Wyoming. The gates will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $2.50, not returnable.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

FOUNTAINS, twenty portable electric drinking, and spares; Mare Island. Sch. 7701; May 5.

SHEARS, 435 pairs tinners Mare Island; 360 pairs sailmakers' and tailors', Western Yards; Sch. 7722 May 8.

RESEATING outfits, 3, valve; Mare Island. Sch. 7721; May 8.

CABLE, insulated electric; Mare Island. Sch. 7709; May 8.

PANS, dust, 3,000; Mare Island. Sch. 7708; May 8.

TUBING, admiralty metal, 12,000 lbs.; Mare Island. Sch. 7738; May 8.

SHOWERHEADS, rim - spray, 385; Mare Island and Puget Sound. Sch. 7719; May 8.

TUBING, copper and brass and brass pipe; Mare Island. Sch. 7746; May 12.

TUBING, seamless steel; Mare Island. Sch. 7747; May 12.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St. ,San Francisco.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until May 4, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID N. 3442: four discharge nozzles, shut-off type, 1-in. IPT female with ¾-in. male nozzle tip thread, and 3 discharge nozzles, shut-off type, 1½-in. IPT female with 1-in. IPT male nozzle tip thread; fob bidder's shipping point and/or Pasadena.

BID NO. 3443: 352 CMP culvert and 25 band couplings; fob bidder's shipping point.

Specifications obtainable from above office.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Division, Treasury Dept., Room 514, 49 Fourth St., for furnishing miscellaneous materials for use on WPA projects, as follows:

MAY 2, 10 A. M.:

BID NO. 1492: 10,000 gals. road oil, 50-60; 12,000 gals. asphaltic emulsion, and 320 tons screenings; fob jobsite, Oak Knoll Drive, Unit No. 11, San Mateo County.

BID NO. 1493: 10,000 gals. asphaltic emulsion; fob jobsite, Alpine Rd., San Mateo County.

BID NO. 1495: 12,000 gals. asphaltic emulsion and 300 tons screenings; fob Unit No. 1, Colma Roads, San Mateo County.

BID NO. 1500: Iron sheets and iron ridge cap; fob Chico Airport site, Chico.

MAY 4, 10 A. M.:

BID NO. 1496: 1500 sacks standard Portland cement, fob cars, Chico; alternate bids fob vendor's yard, Chico, for Bidwell Park Improvement, Chico.

BID NO. 1497: 1562 sacks plastic Portland cement and 188 sacks standard do; fob Municipal swimming pool, Red Bluff.

BID NO. 1506: 3,000 gals. emulsified asphalt fob Rossi Playground, Arguello Blvd. and Edward St., San Francisco.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO—Until May 15, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1555, for furnishing manufactured and stock wood furniture for the School Department.

Specifications obtainable from the above office.

U. S. BUREAU OF PRISONS

ALCATRAZ, Cal.—Until May 12, 2 2 M., bids will be received by the Bureau of Prisons, Alcatraz Penitentiary, J. A. Johnston, Warden, Room 214, Post Office Bldg., San Francisco, under Bid No. 648, for furnishing one steam pump, duplex, 4-in. suction, 3-in. discharge, for pumping salt water, extra heavy construction, outside and packed, pressure 150 lb brass valve seats, brass lined cylinders, brass valves, stems and springs, monel piston rods, bronze fitted, max. pumped per min. 100 gals.; static suction lift 15 ft., static discarge head 150 ft.

Delivery fob Dock No. 1, Fort Mason.

Specifications obtainable from above office.

VETERANS' ADMIN.

PALO ALTO, Santa Clara Co., Cal. —Until May 7, bids will be received by Procurement Division, Veterans' Administration, Washington, D. C., for furnishing one gas range at the Veterans Administration Facility, Palo Alto.

ALAMEDA COUNTY

BERKELEY, Cal.—Until May 12, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing Portland cement concrete pipe.

Specifications obtainable from the above office.

BERKELEY, Cal.—Until May 12, 10 A. M., bids will be received by the Berkeley City, Council, Florence Turner, City Clerk, City Hall, for furnishing vitrified sewer pipe.

Specifications obtainable from the above office.

WAR DEPARTMENT

FRESNO, Fresno Co. ,Calif.—Until May 8, 2 P. M., bids will be received by Lieut. G. T. Stump, Purchasing & Contracting Officer, Fresno District CCC, 414 "P" St., Fresno, under Bid No. 5905-36-37, for furnishing construction materials, including lumber, cement, prepared roofing and floor covering and plumbing.

Specifications obtainable from above office.

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May 9, 1936

Vol. XIX—No. 19

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$200,830 LOW BID FOR LEVEE ON SACRAMENTO

Morrison-Knudsen Co. Submits Lowest Of Six Proposals

SACRAMENTO, May 6.—Morrison-Kundsen Co., Boise, Idaho, today submitted a low bid of $200,830 to the U. S. Engineer office here for levee construction on about ten and three-tenths miles along the Sacramento river between Moulton Weir and a point near the bridge at Colusa.

Six contractors figured the project, which involves placing approximately 938,000 cubic yards of earth in embankment. Their proposals were as follows:

Morrison-Knudsen Co.	$200,830
D. McDonald, Sacramento	211,813
Boyce and Igo Const. Co., Baton Rouge, La.	244,459
Geo. Pollock Co., Sacto.	249,142
Olympian Dredging Co., San Francisco	280,721
A. Teichert and Son, Sacramento	283,472

The bidding schedule includes 70 items covering excavation and embankment, furnishing and installing pipe, bulkheads and miscellaneous structures, removing and wasting some structures and reinstalling others.

VALLEY PROJECT COUNSEL NAMED

Appointment of Neal Chambers, former Woodland superior court judge, as chief counsel for the Central Valley Project has been announced by Director of Public Works Earl Lee Kelly. The appointment is for six months, at the end of which time civil service rules require that Chalmers take an examination.

As chief counsel Chalmers will have charge of obtaining rights of way, it is reported. Salary for the position is $5,000 a year.

Granfield-Farrar & Carlin Low Bidder At $306,236 For Tunnel Road Contract

SACRAMENTO, May 6.—Low bids aggregating approximately $452,000 were received by the State Highway Commission today for two highway projects, one in Contra Costa County and one in El Dorado County.

Granfield-Farrar & Carlin, 67 Hoff Street, San Francisco, submitted the lowest of five proposals for grading and surfacing about three and two-tenths miles in Contra Costa County to provide a reconstructed east approach to Broadway low-level tunnel. Amount of the low bid was $306,236.

Total bids for the contract were:

Granfield-Farrar & Carlin	$306,236
A. Teichert and Son, Inc., Sacramento	325,917
Union Paving Co., S. F.	348,301
Geo. Pollock Co., Sacto.	397,232
Heafey-Moore Co. Oakland	432,589

The highway from Oakland to Walnut Creek, of which the east approach is a portion, is one of the principal items in the 1936 construction program of the Division of Highways.

Among bidding items were: 512-000 c.y. roadway excavation 2,400,000 sta. yds. overhaul; 25,300 tons crusher run base; 12,400 tons mineral aggregate; 673 tons of liquid asphalt; 156,000 lbs. reinforcing steel; 5,130 l.f. corrugated metal pipe; 6,400 l.f. 8-in. metal pipe underdrain; 6.5 miles of new property fence.

For surfacing about eight and eight-tenths miles in El Dorado county between Kyburz and Strawberry, the lowest of three proposals was $145,532, submitted by Union Paving Co., 624 Call Bldg., San Francisco.

Other bidders for this contract were Hanrahan Co., San Francisco at $159,849, and A. Teichert and Son, Inc., Sacramento, at $164,404.

SANTA ROSA WAGE ACCORD REPORTED

Notice of an agreement between general contractors of Santa Rosa and Carpenters Local No. 751 to establish a wage rate of $1 per hour has been published in Santa Rosa under the signature of Geo. W. Grote, president. The notice states the wage rate will be effective June 1.

FOUR SELECTED FOR STAFF OF 1939 EXPOSITION

San Francisco Engineers, Architect Head Construction Divisions

Four key technical posts in the 1939 World's Fair organization were filled today with appointments announced by Wm. P. Day, director of works for the San Francisco Bay Exposition, Inc.

They follow:

Chief Mechanical Engineer: Wm. E. Leland, member of the firm of Leland and Haley, consulting mechanical engineers, and lecturer in architectural mechanics as the University of California. A graduate of the Massachusetts Institute of Technology.

Chief Electrical Engineer: Earl F. English, formerly executive vice-president of Pacific Public Service Company and president, Standard Management and Operating Company. A graduate of Stevens Institute of Technology.

Chief Water Supply and Sanitary Engineer: Chas. H. Lee, well known consulting engineer and former president of the California State Water Commission; consulting engineer on the Hetch Hetchy and Mokelumne water supplies. A graduate in civil engineering from the University of California.

Chief Specification Writer: Albert J. Evers, for the past eighteen months chief architectural supervisor for Northren California for the Federal Housing Administration, and widely-known San Francisco architect. A graduate of the University of California.

WPA PROJECT DELAYS AWARD ON PAVILION

Time Extension For Acceptance Of Low Bids Asked; Foundations Uncompleted

Extension of the time for awarding contracts to erect the first unit of the San Mateo Livestock Pavilion beyond the 90-day period stipulated in the call for bids is legal if done with the written consent of low bidders, Attorney-General U. S. Webb has advised the directors of Agricultural Dist. 1-A.

The delay in awarding contracts for the superstructure will be occasioned by failure of WPA day-laborers to complete the foundations. In a communication to the attorney-general the district reported that completion of this portion of the work by June 8, the date originally scheduled, is doubtful. Contractors have agreed, however, is extend the time for accepting their bids, provided such an arrangement is legal, the directors stated.

Mr. Webb's opinion states in part

"I know of no statutory provision requiring that the contract shall be presented to, and executed by the successful bidder within 90 days after the opening of bids. I am of the opinion, therefore, that the form of agreement submitted and which it is proposed to have the successful bidder sign, is a proper one and will serve to accomplish the purpose sought.

"The length of the period to be inserted in the contract extending time beyond June 8 should be a reasonable one in view of the existing circumstances."

Low bidders on segregated contracts for constructing the building are: P. F. Reilly, general work, $448,000; Alta Electric & Mechanical Co., mechanical, $20,690; Chas. A. Langlais, electrical, $27,371; Bethlehem Steel Co., structural steel, $91,293 (fabrication and painting), $36,564 (erection and painting); Heywood-Wakefield Co., stadium seating, $24,660.

FEROLEUM PRODUCTS DISTRIBUTOR IN S. F.

Feroleum Products, Inc., Newark N. J., has appointed Geo. Schultz, 355 Tehama Street, San Francisco, western distributor for Feroleum paints.

Feroleum is the trade name for a vehicle of non-oxidizing properties which the producers claim is particularly adapted to the protection of exposed metal. It is being sold by distributors direct to utilities, industrial users and contractors.

$3,592,000 FOR ARMY BUILDING

Expenditure of $3,592,580 on U. S. Army projects in California, authorized in the McSwain bill providing $30,000,000 for a four-year construction program at army posts, this week received approval of the House military affairs committee, according to Washington dispatches.

Passage of the bill would enable construction work at the following California posts:

Benicia Arsenal, $122,330; Letterman General Hospital, $438,000; Fort MacArthur, $313,700; Fort McDowell, $626,750; Fort Mason, $925,000; San Francisco, $975,500; Fort Winfield Scott, $191,300.

Baldock Elected President Of Highway Officials

State Highway Engineer R. H. Baldock of Oregon was elected president of the Western Association of State Highway Officials at the annual meeting in Phoenix last week. Mr. Baldock succeeds Preston G. Peterson, Salt Lake City.

Other officers elected are: Harry Hopkins, California, Vice-President; K. C. Wright, Utah, Secretary, and members of the Executive Committee, Shelton G. Dowell, Arizona; Dr. L. I. Hewes, San Francisco, Deputy Chief Engineer of the U. S. Bureau of Public Roads; James True, Wyoming; Charles Vail, Colorado, and Joe Stemmer, Idaho.

The board of directors will select the next convention city which will be either Denver or Salt Lake City.

CERTIFICATES GRANTED BY STATE EXAMINERS

Certificates to practice architecture in the state were granted at the last meeting of the State Board of Architectural Examiners, Northern California Section, to the following: Curtis Tobey, 1022 East 28th St., Oakland; William Franklin Baxter, 1040 Norwood Avenue, Oakland; William Arthur Newman, 402 Post Office Building, San Francisco.

RANSOME PUBLISHES CATALOG ADDITIONS

Two additional catalog sections have been issued recently by Ransome Concrete Machinery Co., Dunellen, New Jersey. One covers the new Ransome mechanical strike-off, and the other provides complete data and specifications for recent models of the 7-S and 10-S Model T concrete mixers.

STATE INVITES BIDS ON NINE HIGHWAY JOBS

Advertise Paving, Surfacing Grade Separation Contracts

SACRAMENTO, May 5.—Nine contracts for highway work and grade separations were authorized for advertising this week by the State Highway Commission. Bids on five Northern California jobs will be opened in Sacramento May 27 and on four Southern California projects the following day, May 28, in Los Angeles.

Projects for which bids were invited this week are located as follows:

Fresno County: Grading and paving with Portland cement concrete approximately four and five-tenths miles between Belmont Circle and Biola Junction. Bids open in Sacramento May 27.

Yolo and Colusa Counties: Grading and applying plant-mixed surfacing on about ten and three-tenths mi. between Dunnigan and Arbuckle. Bids open in Sacramento May 27.

Sacramento County: Constructing an overhead crossing over the Southern Pacific tracks at Jibboom street in Sacramento. Bids open in Sacramento May 27.

Mendocino Co.: Grading about eight-tenths of a mile and removing seven timber bridges between Navarro river and Williams Creek. Bids open in Sacramento May 27.

Kern County: Surfacing with road-mix surfacing and seal coat approximately nine and one-tenth miles between 3 miles and 12 miles north of Mojave. Bids open in Sacramento May 27.

Los Angeles County: Constructing a reinforced concrete girder bridge consisting of nine 67-foot spans and two 26-foot spans across Rio Hondo, two miles west of El Monte. Bids open in Los Angeles May 28.

San Bernardino Co.: Constructing an overhead crossing, including grading and paving approaches over the Atchison, Topeka & Santa Fe tracks at Palm Ave., about 3 miles south of Colton. Bids open May 28 in Los Angeles.

Ventura County: Surfacing with plant-mixed surfacing about 14.6 miles between San Antonio Creek and Ojai, between Mound School and 2.7 miles east, and between Simi and .4 of a mile east of Santa Susana Overhead. Bids open in Los Angeles May 28.

Los Angeles County: Constructing an undergrade crossing under the Atchison, Topeka & Santa Fe tracks at Rivera on San Gabriel Blvd. Bids open in Los Angeles May 28.

Reclamation Bureau Prepares Program For Construction Of Central Valley Units

Status of plans for the several units of the Central Valley Project, reported by the U. S. Reclamation Service in Washington indicates the release of many contracts will be possible as soon as legal preliminaries are completed and after Congress has determined what amount of money will be made available this year.

The project's allotment of work-relief money has been reduced to $8,100,000 due to delays in starting construction. An additional $16,000,000, however, is contained in the Interior Department appropriation bill, now before the House. This will provide for construction to the end of the 1937 fiscal year.

A board of appraisers was named in March to acquire rights-of-way and title to lands required for the reservoirs and canals. Letting of construction contracts will be delayed until the government has completed these negotiations.

Current status of plans for the units to be contracted is reported by the Bureau as follows:

Friant Dam: Construction of dam, specifications and plans being prepared; trash rack structure and outlet works for Friant-Kern Canal, plans being prepared; 96-in. needle valves and tractor gate, plans in preparation; water tank for government camp, designs completed; sewage disposal plant for government camp, designs in progress; air condition for office building, specifications being written; electrical distribution system for government camp, designs in progress.

Canal System: Highway Bridge over Friant-Kern Canal, designs being prepared; drainage culverts under Friant-Kern Canal, designs being prepared.

Kennett Dam: Construction of dam, studies for preliminary design in progress; water tank for government camp, designs in progress; water supply and treatment plant for government camp, designs being prepared; air conditioning for administration building, designs completed; electrical distribution system for government camp, designs in progress; air conditioning equipment for office building, specifications being prepared.

Southern Pacific Railroad location: Seven miles (Redding to Mile Post 266), specifications completed; Sacramento River Bridge at Redding, designs in progress.

CODING CITY'S ORDINANCES ON ELECTRIC WORK

Simplification of Regulatory Acts To Result From WPA Project

Clarification of San Francisco electrical orders will result from the codification of city ordinances governing operation of the various departments, according to Ralph W. Wiley, chief of the department of electricity. The legal work of simplifying and arranging the ordinances is being done by WPA workers.

Several changes will result from codification of ordinances governing the department of electricity, he said.

One new ordinance covering all phases of overhead construction will replace three old ordinances, according to present plans. Similarly, one new ordinance governing moving picture installations will replace two old ordinances.

The present ordinance covering installation of electric signs divides inspection and issuance of permits between the department of electricity and the board of works, structural phases being handled by the latter and electrical by the former. Two new ordinances are planned, Wiley said, clearly outlining the jurisdiction of each department.

The existing electrical inspection ordinance is being rewritten, principally for clarification, according to Wiley.

To comply with provisions of the city charter requiring that inspection activities must be self-supporting, the new ordinance will establish a registration fee to replace the old license fee, which was found invalid, he said.

It is planned to complete the task of codification by July 1, according to Wiley.

PLUMBING FIXTURE STANDARD REVISED

The standing committee on standards for vitreous china plumbing fixtures has approved certain changes in Commercial Standard CS20-30 and the recommended revision has been submitted to the industry for acceptance. The revision contemplates a change from the term "regular selection" to "first quality"; includes several new items such as service sinks and top countour for elongated water bowls; and adds some new definitions.

JOINS BLAKE BROS.

William H. Hall, formerly vice-president of Central California Roads Co., has joined the sales staff of Blake Bros. Co., San Francisco rock contractors with offices in the Balboa building, it is announced.

SHELL TO LET CONTRACTS FOR NEW PIPE LINE

$4,500,000 Construction Project In San Joaquin Starts Within Month

Contracts for supplying materials and constructing a new pipeline from Kern Co. oil fields to the Martinez refinery will be let in about thirty days by the Shell Oil Co., S. Belither, president, announces. Construction cost is estimated at $4,500,000, representing one of the largest industrial developments on the Pacific Coast in recent years.

The new pipe line will be 304 miles in length. One section of 90 miles will extend from Bakersfield to Caliola, southern terminus of Shell's present pipe line, about ten miles northeast of Coalinga. Another section will connect Caliola with Martinez. Gathering lines from the oil fields will add 44 miles to the project, making a total of 304 miles of new construction. The main line will be 10-inch seamless steel pipe, laid underground and electrically welded. Approximately 25,000 tons of pipe will be required.

Capacity of the new line will be about 25,000 barrels a day from Bakersfield to Caliola. The new line and the existing Shell pipeline will give Shell a capacity of 40,000 barrels a day from Caliola into the Martinez Refinery.

Pumping equipment installed in the new project will be of the most advanced type, with operating pressures of 1000 pounds between Bakersfield and Caliola, and 800 pounds from Caliola to Martinez. Four new pumping stations will be erected on the stretch from Bakersfield to Caliola. Existing stations from Caliola to Martinez will handle the increased flow of oil, but all of them will be re-equipped and made thoroughly up-to-date.

Specifications will be ready for contractors in about one month, according to Chief Engineer N. W. Thompson. The work will be handled through the Los Angeles office of the Shell Company under supervision of J. U. Stair, vice-president in charge of production.

LeTOURNEAU ISSUES CARRYALL FOLDER

A sixteen page illustrated folder describing LeTourneau carryall scrapers is a recent publication of R. G. LeTourneau, Inc., Stockton, Calif., and Peoria, Ill. The folder contains, in addition to numerous photographs illustrating the carryalls in action, complete specifications for the equipment.

Copies of the folder may be obtained without charge by writing the manufacturer.

FHA Technicians Design House To Cost $1300; Details Available To Builders

The Federal Housing Administration has designed a home in the $1300 price range, under the supervision of Miles L. Colean, technician director.

In making the announcement of this design, Mr. Colean emphasized these points:

1. This is not a "miracle house," with all the comforts of a mansion, but is a practical, livable, durable structure reduced to the necessities.

2. This is not an attempt to invade the field of the architect or of any organization providing plans for the low priced homes. The Federal Housing Administration will NOT issue any stock plans.

3. The home is primarily for small communities or for working men's suburban areas of large cities.

"This is just an effort to show that a skilled builder, with careful planning, can provide a really low priced house with the essentials of living, measuring up to the minimum standards of the Federal Housing Administration and good for 30 to 40 years," Mr. Colean said. "No stock plans will be furnished, but a helpful bulletin is being prepared, outlining the principles of planning a low priced house and containing information which can be used in such planning."

This sample house designed by the housnig administration could be built in Washington at the time it was designed for around $1300, exclusive of the land.

The house is 22-ft. 4-in. x 23-ft. 11-in., with a concrete slab foundation and with no basement. It is of wood frame construction, but the exterior surface may be of wood, brick, cinder block or stone, depending upon the material readily available at reasonable prices in the locality.

There are two bedrooms, a living room-kitchen, three closets, a bathroom, a furnace and hot-water heater, a kitchen range and sink, an attic, and is wired for electricity.

The living room is 21-ft. 4-in. x 11-ft. 3-in. and runs the full width of the front of the house, with the entrance door in the center. All the mechanical equipment — furnace, heater, range sink and plumbing — are grouped to the left, against the bathroom wall. The bathroom is 6-ft. 4-in. by 4-ft. 6-in. and opens into a hall opening upon both bedrooms, which are 9-ft. 6-in. by 8-ft. 6-in. and 9-ft. 8-in. by 11-ft. 3-in. Each bedroom has a window and a closet 1-ft. 8-in. by 3-ft. 14-in., the third closet opening on the hall.

STOCKTON WARD CONTRACTS LET

SACRAMENTO, May 4.— Contracts for construction of a ward building at Stockton state hospital were awarded today by the State Division of Architecture. General work went to K. E. Parker Co., San Francisco, at $67,843; heating and ventilating to Pacific Heating & Ventilating Co., San Francisco, at $11,817, and electrical work to Eddy Electric Co. Stockton, at $2,295. Bids for plumbing were rejected, and that portion of the job will be done by day labor, it was announced.

The structure will be a two-story reinforced concrete building to accommodate 120 beds.

The price of $1250 does not include the cost of any connections with water or sewerage systems, nor any wells, septic tanks, ice boxes or anything else not listed.

"With this basic design," Mr. Colean said, "a person with more than $1300 to spend for the construction can separate the kitchen from the living room at a small added cost.

"The next step probably would be another bedroom, and two stories have been found most economical for four-room houses. With the second story probably would go a basement, and the owner may add insulation and whatever else he wants and can afford.

"But the purpose of this sample design is to point the way toward a really low priced home. Such a home can be built."

A. S. C. E. PLANNING PORTLAND CONCLAVE

The sixty-sixth annual convention of the American Society of Civic Engineers will be held in Portland July 15 to 18, it is reported. Among special events planned for the convention is a trip to Bonneville dam, and excursions to other large northwest engineering projects are under consideration.

Discussions of the Bonneville and Grand Coulee projects and development of the Columbia river channel are scheduled for the convention.

Electric industrial truck and tractor shipments during the first quarter of 1936 numbered 248, as compared with 159 during the first quarter last year, according to the census bureau.

RECLAMATION APRIL AWARDS TOTAL $1,304,000

First Contract On Central Valley Let Last Month

Twenty-four contracts totaling $1,304,970.74 were awarded during April in connection with the Bureau of Reclamation construction program.

In addition bid were under consideration preparatory to the award of contract for several large construction jobs, including Caballo Dam on the Rio Grande River in New Mexico, and Arnold Dam on the Colorado River of Texas Project.

John C. Page, Acting Commissioner, reported to Secretary of Interior Harold L. Ickes that the number of those employed on construction sites by the Bureau of Reclamation at the close of April was 13,302 against 12,382 at the end of March. The employment total will continue to grow as newly started construction advances and new jobs are begun.

Grand Coulee Dam is furnishing employment to the most men of any of the projects. At present there are 4,750 employed there, an all time high for the project.

One feature of the Bureau's activities in April was the letting of the first contract on the Central Valley Project in California. It was for excavation for further and more detailed investigation of the Friant Dam site and it was awarded to the Youdall Construction Co. of San Francisco on a low bid of $16.125.

Most of the contracts awarded during April were for materials needed on the projects already under construction. The Bureau of Reclamation furnishes to contractors as needed such materials as cement, structural steel, and lumber. The largest contract during April was one by which $835,159 worth of cement was purchased for use in construction of Hamilton Dam and Arnold Dam on the Colorado River of Texas Project. The Republic Portland Cement Co. of San Antonio, was awarded this contract.

THREE ARCHITECTS AT VIRGINIA MEETING

California architects are represented at the convention this week of the National Council of Architectural Registration Boards by Albert J. Evers for the American Institute of Architects, Northern Chapter; William I. Garren for the State Association of California Architects; A. M. Edelman for the State Board of Architectural Examiners. The convention is being held at Williamsburgh, Virginia.

END SECTIONS TO BE PLACED IN BAY BRIDGE

Last Gap In Crossing Soon Closed; Tunnel Near Completion

Closing of end sections around the towers of the San Francisco-Oakland Bay Bridge suspended spans is underway this week, according to the weekly progress report of Chief Engineer C. H. Purcell, filed with Earl Lee Kelly, director of public works.

With the completion of the floor steel in Span 1-2, the end truss sections at Tower W-2 were erected last week. This span is now connected to the tower.

Also completed is the floor steel in both decks of Span 2-3, bringing the camber, or curve, down approximately three feet farther toward normal. Adding the concrete deck and railroad construction will bring it down nine feet farther.

The truss sections adjacent to the towers are being erected by means of the floor travelers which also erect the floor steel.

Floor steel in Span 3-4 will be started this week by the Columbia Steel Co., Mr. Purcell said.

Foundations and columns for the gap in the San Francisco viaduct are being placed between Sterling Street and the San Francisco anchorage, while falsework for the construction of the Harrison Street "off" ramp crossing is in process of erection by Healy-Tibbitts Construction Company.

On the San Francisco anchorage, forms and falsework are being placed for the lower deck roadway.

Eighty-five per cent completion of the west portal of the tunnel on Yerba Buena Island was announced by Mr. Purcell, and falsework and forms are now in place at the Yerba Buena anchorage for the pouring of the lower deck roadway by Clinton Const. Co.

Meanwhile, riveting on the cantilever span has been proceeding at a fast rate, with 85 per cent of the work completed. The job will be finished this week.

Paving operations were carried on simultaneously with the riveting, and paving on the lower deck of the cantilever has been completed on the west anchor and cantilever arms.

The Administration Building is taking on a completed form with work continuing on the inside trim of the structure by Clinton Construction Company.

The west half of the Adeline and San Pablo Avenue structure of the San Pablo Avenue Underpass at Emeryville is nearing completion. Falsework has been erected for the roof of this section by J. F. Knapp, contractor.

Commission Sets Rates for 8500 Truck Operators

The largest group of truckmen yet affected by regulation of the industry by the State Railroad Commission will follow the "minimum, reasonable and non-discriminatory" rates fixed last week by the commission for transportation of property of less than 18,000 lbs. by radial - highway - common and highway - contract carriers, it is announced.

The new rates resulting from hearings before Commissioner Wallace L. Ware fix the minimum legal charges which can be made by 8,500 trucking companies for the hauling of property in California. Radial-highway-common and highway-contract carriers represent the largest category of the 10,000 trucking companies of the state.

The rates are fixed to conform generally to the lowest rates of common carriers which have been tried for many years under the regulation of the Commission, it is stated. Certain exceptions allowing lower rates are made for the transportation of loads under 18,000 pounds.

The order also provides rates and conditions for rendering "split pick-up and delivery service."

Given the authority to extend regulation by the 1935 Legislature, the Commission inaugurated a general investigation into trucking rates. After hearings in San Francisco, Los Angeles, San Diego, Sacramento and Stockton, the Commission split the case into several smaller investigations. Last week's decisions were two of these.

Other investigations have resulted in the fixing of legal minimum rates for dump truck operators; for the hauling of cement, and the fixing of drayage rates in San Francisco.

Under submission are investigations into rates for the transportation of oil and petroleum products; oil well supplies; fresh fruits and vegetables from Lake County, and household and office furniture and supplies.

ARCHITECTURAL CLUB FROLIC NEXT WEEK

The Spring Frolic of 1936, semi-annual celebration of the San Francisco Architectural Club, will be held Friday evening, May 15, at the Club Lido, 915 Columbus avenue, it is announced. Dinner will be served at 8:00 p.m. and will be followed by dancing and entertainment.

Tickets may be obtained at $1.55 each from Otto Hinterman, 126 Post Street; Abe Grannish at the Builders' Exchange; or by telephoning Albert Kahl, GArfield 3384, or Walter C. Clifford, FIllmore 9476.

PLAN SAFETY OF DECK WORKERS ON GATE SPAN

Chief Engineer Hopes To Keep Accident Record Clear

Determined to maintain the safety record established in work to date on the Golden Gate Bridge, Chief Engineer Joseph B. Strauss has ordered elaborate precautions for the protection of workmen during the erection of the suspended structure which will commence this month.

With the project now 72 per cent complete, not a single life has been lost and no worker has suffered injury. When the contractor commences erecting suspended deck sections this month life nets will be swung under the raising gangs.

At the same time the steel contractor will provide safe walkways, equipped with hand rails, where there is a general passing of workman, as between the traveler crane and tower and between storage points and the general walk-way.

The chief engineer points out that with these precautions in addition to the stringent safety regulations already in effect it is his hopeful expectation that a 100 per cent safety record will be maintained until the bridge is completed.

Meanwhile the cable spinning was nearing its end as this week's work commenced. With four more strands remaining to be spun on the west catwalk and eight more on the east walk, it appeared likely that the job would be completed by the middle of next week.

This week four of the remaining eight strands are being spun over the east walk and upon their completion, about Wednesday, the last four strands will be spun over the west walk. Next Monday the spinning of the final four strands is expected to commence.

As this work is under way erection of the Marin approach span is proceeding rapidly. More than 300 tons of steel have been erected to date and the first truss span, from the north abutment to the first tower has been completed. This is the first actual bridge span, or floor steel to be erected since the project started.

On the San Francisco side foundations are being placed in position for the erection equipment for the steel superstructure of the high viaduct, while construction is being continued at the east end of the low viaduct.

The Sausalito lateral approach road construction is proceeding on schedule and next week the big state job of building the main Waldo approach will commence.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
848	Arnott	Arnott	5000
849	Arnott	Arnott	5000
850	Leregen	Owner	3000
851	Schilling	Ruegg	4500
852	Filoli	——	14000
853	Cuneo	Owner	2500
854	Meyers	Jacks	12742
855	Lolla	Owner	2000
856	Depaoli	Lindsay	3500
857	Depaoli	Lindsay	3500
858	Hibernia	Vukecivich	4900
859	Domenici	Sartorio	2000
860	Ahokas	Anderson	1600
861	Stein	Emanuel	1000
862	Re	Beal	3000
863	Parsons	Western	3200
864	Doelger	Owner	4000
865	Dunne	Mullen	4500
866	Geck	McCabe	2500
867	Morris	Owner	4000
868	Riemer	Rome	1500
869	Doelger	Owner	4000
870	Sbarboro	Owner	8000
871	Sbarboro	Owner	8000
872	Standard	Owner	3500
873	Standard	Owner	3500
874	Standard	Owner	3500
875	Standard	Owner	3500
876	Borden	Owner	6000
877	Capital	Langfelder	3000
878	Schmidt	Wagner	2500
879	Murphy	Jones	3600
880	Bruner	Anderson	2400
881	Barrutch	Lombardi	2500
882	Walker	Owner	1000
883	Cody	Stahl	12000
884	Brisacher	Barrett	3500

DWELLING
(848) E SLOAT BLVD. & TWENTY-fourth Ave. One-story and basement frame dwelling.
Owner—Jas. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given.
Contractor — Jas. A. Arnott & Son, 633 Taraval St., S. F. $5000

DWELLING
(849) E TWENTY-FOURTH AVE. 128 N Ocean Ave. One-story & basement frame dwelling.
Owner—Jas. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given.
Contractor — Jas. A. Arnott & Son, 633 Taraval St., S. F. $5000

DWELLING
(850) W FORTIETH AVE. 125 N Kirkham St. One-story and basement frame dwelling.
Owner—J. Leregen, 241 6th St., San Francisco.
Architect—Not Given. $3000

DWELLING
(851) NW DESMOND AND VISITACION. One-story and basement frame dwelling.
Owner—Fred Schilling, 550 Hyde St., San Francisco.
Architect—Not Given.
Contractor—The Ruegg Co., 369 Pine St., San Francisco. $4500

ALTERATIONS
(852) NO. 133 GEARY ST. Alter offices.
Owner—Filoli Inc., 320 Market Street, San Francisco.
Plans by H. Howard, 580 Market St., San Francisco.
Engineer—A. V. Saph, Rialto Bldg., San Francisco.
Contractor—Not Given. $14,000

DWELLING
(853) W TALBERT ST. 150 S Visitacion. One-story and basement frame dwelling.
Owner—John B. Cuneo, 199 Schwerin St., San Francisco.
Architect—Not Given. $2500

FACTORY
(854) S FOLSOM ST. 52 E Juniper St. One-story Class C factory.
Owner—Lawrence A. Myers, 58 Sutter St., San Francisco.
Architect—Hyman & Appleton, 68 Post St., San Francisco.
Contractor — Jacks & Irvine, 620 Market St., San Francisco. $12,742

ALTERATIONS
(855) NO. 210 ONONDAGA AVE. Alter coal yard.
Owner—Primo Lolla, Premises.
Architect—Not Given. $2000

DWELLING
(856) W AMELMANY BLVD. 50 N Cotter St. One-story and basement frame dwelling.
Owner—L. Depaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3500

DWELLING
(857) W ALEMANY BLVD. 25 N Cotter St. One-story and basement frame dwelling.
Owner—L. Depaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3500

ALTERATIONS
(858) NO. 738 FOLSOM St. Alter salesroom and garage.
Owner — Hibernia Bank, Jones and McAllister Sts., San Francisco.
Architect—Not Given.
Contractor——M. E. Vukecivich, 666 Mission St. $4900

BUILDING
(859) E ROWLAND ST. 97 S Broadway. Class C commercial building.
Owner—Domenici & Parducci, 447 Broadway, San Francisco.
Engineer—Norman B. Green, Sharon Bldg., San Francisco.
Contractor—Peter Sartorio, 681 Market St., San Francisco. $2000

ALTERATIONS
(860) NO. 3751 TWENTY-FIRST ST. Alter dwelling.
Owner—G. F. Ahokas, Premises.
Architect—Not Given.
Contractor — Christian Anderson, 46 Granville Way. $1600

ALTERATIONS
(861) NO. 111 GEARY ST. Alter store.
Owner—Albert O. Stein, 1150 Sutter St., San Francisco.
Architect—Not Given.
Contractor—L. & E. Emanuel, Inc., 2665 Jones St., S. F. $1000

ALTERATIONS
(862) NO. 126 TWELFTH AVENUE. Alter dwelling.
Owner—John Re, Premises.
Architect—Not Given.
Contractor — Kenneth C. Beal, 2745 16th St., San Francisco. $3000

ALTERATIONS
(863) NO. 61-63 BEALE ST. Alter building.
Owner—S. S. Parsons, Pacific Grove.
Architect—Geo. Rushforth, San Mateo.
Contractor—Western Iron Works, 141 Beale St., S. F. $3200

DWELLING
(864) W SIXTEENTH AVE. 33 N Pacheco St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(865) NO. 257 POWELL ST. Alter restaurant.
Owner—E. M. Dunne, 237 Powell St., San Francisco.
Architect—Not Given.
Contractor—Mullen Maunfacturing Co. 60 Rausch St., S. F. $4500

ALTERATIONS
(866) NO. 34 RICO WAY. Alter flats.
Owner—Otto Geck, Premises.
Architect—Donnell E. Jaekle, 126 Post St., San Francisco.
Contractor — James M. McCabe, 716 Ulloa St., San Francisco. $2500

DWELLING
(867) E WESTGATE 145 N Kenwood. One-story and basement f rame dwelling.
Owner—S. Morris, 1310 Turk St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

ALTERATIONS
(868) NO. 2779 UNION ST. Alter store.
Owner—J. Riemer, 2666 Baker Street, San Francisco.
Architect—Not Given.
Contractor — Rome Carpenter Shop. 1659 Powell St. $1500

DWELLING
(869) SE SEVENTEENTH AVE. & Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

FLATS
(870) S JACKSON ST. 195 W Laguna St. Three-story frame flats
Owner—Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $8000

FLATS
(871) S JACKSON ST. 170 W Laguna St. Three-story frame flats
Owner—Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $8000

DWELLING
(872) E FUNSTON AVE. 200 N Moraga St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco
Architect—Not Given $3500

DWELLING
(873) E FUNSTON AVE. 175 N Morraga St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given $3500

DWELLING
(874) W TWENTY-FOURTH AVE. 193 N Noriega St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(875) E THIRTY-NINTH AVE 150 S Irving St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

FLATS
(876) E MONTGOMERY ST. 46 S Greenwich St. Two-story and basement frame flats.
Owner — F. W. Borden, 1440 Montgomery St., San Francisco.
Architect — Fabre & Hildebrand, % Owner. $6000

ALTERATIONS
(877) SE TWENTIETH AVE. AND Taraval St. Alter bank.
Owner—Capital Co., 625 Market St., San Francisco.
Architect—Not Given.
Contractor—Langfelder & Schuster, 280 Wawona St., S. F. $3000

ALTERATIONS
(878) NO. 1016 FILLMORE STREET. Alter apartments.
Owner—C. Schmidt, 1515 Golden Gate Ave., San Francisco.
Architect—Not Given.
Contractor—B. Wagner, 86 Fairfield Way, San Francisco. $2500

ALTERATIONS
(879) NO. 786-88 MISSION ST. Alter loft and store.
Owner—F. S. Murphy, Phelan Bldg., San Francisco.
Architect — Charles Rogers, Phelan Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—T. Jones, 643 29th Ave., San Francisco. $3600

ALTERATIONS
(880) NO. 498 ALABAMA ST. Alter warehouse.
Owner—K. C. Bruner, 1360 Jones St., San Francisco.
Architect—Not Given.
Contractor—G. Anderson, 134 Halleck St., San Francisco. $2400

DWELLING
(881) W BUCHANAN ST. 50 S North Point St. One-story and basement frame dwelling.
Owner—C. Barrutch, % Contractor.
Architect—Not Given.
Contractor — Ernest Lombardi, 1218 Hollister St., S. F. $2500

DWELLING
(882) W FORTY - SEVENTH AVE. 225 S Taraval St. One-story frame dwelling.
Owner—Earl Walker, 395 Eddy Street, San Francisco.
Architect—Not Given. $1000

DWELLING
(883) S MARINA AVE. 359 W Beach St. Two-story and basement frame dwelling.
Owner—Bernard A. Cody, 1231 Francisco St., San Francisco.
Architect — Henry Gutterson, % Contractor.
Contractor—Arthur J. Stahl, Monadnock Bldg., S. F. $12,000

DWELLING
(884) NO. 3746 JACKSON ST. Alter dwelling.
Owner—Emil Brisacher, Premises.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. $3500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
507	Barluick	Melrose	2500
508	Paddock	Lee	3450
509	Johnson	Farringer	4000
510	Christy	Kormand	5400
511	Pollard	Owner	3100
512	Winfrey	Nordstrom	10000
513	Weber	Rich	4000
514	Kizer	Owner	1100
515	Bonato	Owner	4000
516	Fisher	Owner	8000
517	McGrath	Windsor	14000
518	Morse	Courtright	9998
519	Miller	Peshel	5000
520	Jamieson	Owner	1000
521	Beckett	Owner	9000
522	Crossen	Silva	3500
523	Kaulbach	Owner	6000
524	Lorentzen	Alley	6450
525	Howard	Anderson	4500
526	Associated	Owner	1500
527	Associated	Owner	1500
528	Flynn	Walstrom	2250
529	Ross	Pearson	2350
530	Thomas	Jensen	6000
531	Chaplin	Flagg	3000
532	Wong	Lynn	1500
533	Dietz	Reese	4500
534	Dashiell	Owner	4950
535	McCann	Coburn	5000

ALTERATIONS
(507) 1012 WALNUT ST., ALAMEDA Alterations.
Owner—A. Barluick.
Architect—Not Given.
Contractor—Melrose Bldrs., 1700 47th Ave., Oakland. $2,500

DWELLING
(508) 1624 NINTH ST., ALAMEDA. One-story 5-room dwelling.
Owner—L. A. Paddock, premises.
Plans by Mr. Lee.
Contractor—Samuel Lee, 1500 Versailles Ave., Alameda. $3,450

DWELLING
(509) 1142 VERSAILLES AVE., ALAMEDA. One-story 6-room dwelling.
Owner—Walter Johnson, 1131 College Ave., Alameda.
Plans by Contractors.
Contractor—Farringer and Spaulding, 1511 Union St., Alameda. $4,000

DWELLING
(510) NO. 2853 SHASTA ROAD, BERKELEY. Two-story six-room frame dwelling and garage.
Owner—C. M. Christy.
Architect—Geo. P. Simonds.
Contractor—Kormand & Lewis, 729 E-18th St., Oakland. $5400

DWELLING
(511) NO. 5808 MORPETH STREET OAKLAND. One-story five-room dwelling.
Owner—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—Not Given $3100

DWELLING
(512) NO. 6031 ACACIA AVENUE, OAKLAND. Two-story 8 - room dwelling.
Owner — J. S. Winfrey, 901 Ventura Ave., Berkeley.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor — David Nordstrom, 4150 Emerald St., Oakland. $10,000

DWELLING
(513) NO. 2454 CEDAR STREET, BERKELEY. Two-story six-room frame dwelling.
Owner — W. R. Weber, 2369 Hilgard St., Berkeley.
Architect—E. R. De Chene.
Contractor—J. L. Rich, 556 37th St., Oakland. $4000

WAREHOUSE
(514) NO. 1259 TWENTY-SECOND St., OAKLAND. One-story warehouse.
Owner—Kizer Paint Co., 1259 22nd St., Oakland.
Architect—Not Given. $1100

STATION
(515) NO. 1533 CYPRESS STREET, OAKLAND. One-story steel service station and one-story brick garage.
Owner—Guy J. Bonato, 1023 Stannage Ave., Albany.
Architect—Not Given. $4000

DWELLING
(516) NO. 930 PARAMOUNT ROAD, OAKLAND. Two-story 7 - room dwelling.
Owner—H. P. Fisher, 376 17th Street, Oakland.
Architect—Not Given. $8000

RESIDENCE
(517) NO. 350 SCENIC AVENUE, PIEDMONT. Two-story 9-room residence and garage.
Owner—Dr. Wm. A. S. McGrath, 16 Sharon Ave., Piedmont.
Architect — E. L. Snyder, 1201 Shattuck Ave., Berkeley.
Contractor—Geo. Windsor, 928 Kingston Ave. Piedmont. $14,000

RESIDENCE
(518) NO. 9 SANDRINGHAM PLACE, PIEDMONT. Two-story 7-room residence and garage.
Owner—Dr. Harold Morse, 689 Carlston Ave., Piedmont.
Architect—J. K. Ballantine Jr., 1512 La Loma Ave., Oakland.
Contractor—T. D. Courtright, 349 51st St., Oakland. $9998

DWELLING
(519) NO. 1090 WREN STREET, OAKLAND. Two-story six-room dwelling.
Owner—Anna L. Miller, 947 Larkspur Road, Oakland.
Architect—Paul Anderson, 2130 12th Ave., Oakland.
Contractor—C. O. Peshel, 4276 Fruitvale Ave., Oakland. $5000

ALTERATIONS
(520) NO. 3921 FRUITVALE AVE., OAKLAND. Alterations and repairs.
Owner—Jamieson, Towle, Willoughby Corp., 372 17th St., Oakland.
Architect—Not Given. $1000

DWELLING
(521) NO. 605 HILLGIRT CIRCLE, OAKLAND. Two-story six-room dwelling.
Owner—A. T. Beckett, 315 14th St., Oakland.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley. $9000

DWELLING
(522) NO. 1372 EIGHTY - SEVENTH Ave., OAKLAND. One-story 5-room dwelling and one-story garage.
Owner—J. L. Crossen, 1372 87th Ave., Oakland.
Architect—Not Given
Contractor, Tony M. Silva, 8715 A St., Oakland $3500

DWELLING
(523) NO. 3208 KNOWLAND AVE OAKLAND. One-story 7-room dwelling.
Owner — Howard S. Kaulbach, 2500 61st Ave., Oakland.
Architect—Not Given. $6000

DWELLING
(524) N. 2133 EUNICE ST., **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner—Elizabeth R. Lorentzen, 2133 Eunice St., Berkeley.
Architect—Not Given.
Contractor—Leslie E. Alley, 1621 Encinal Ave., Alameda. $6150

DWELLING
(525) NO. 776 KEELER AVE., **BERKELEY.** One-story 8-room frame dwelling and garage.
Owner — J. C. Howard, 1126 Keith Ave., San Francisco.
Architect—Not Given.
Contractor—Frank W. Anderson, 2111 Ashby Ave., Berkeley. $4500

LIFT BLDG.
(526) NO. 4195 PIEDMONT AVE., **OAKLAND.** One-story steel lift building.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given. $1500

STATION
(527) NO. 4195 PIEDMONT AVE., **OAKLAND.** One-story steel service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco
Architect—Not Given. $1500

DWELLING
(528) NO. 350 PANORAMIC WAY, **BERKELEY.** One-story 3-room frame dwelling.
Owner—E. C. Flynn, 314 Panoramic Way, Berkeley.
Architect—Geo. Rushforth, 21 San Mateo Road, Berkeley.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland. $2250

STORE BLDG.
(529) NO. 1411 SAN PABLO AVE., **BERKELEY.** One-story three-room store building.
Owner — M. I. Ross, 1421 San Pablo Ave., Berkeley.
Architect—Gwyn Officer.
Contractor—Pat Pearson, 2261 Shattuck Ave., Berkeley. $2350

DUPLEX
(530) NO. 1401 ADA ST., **BERKELEY** One-story 10-room frame duplex.
Owner—Ralph E. Thomas, 1455 Garfield St., Albany.
Architect—Not Given.
Contractor—H. K. Jensen, 3323 Arkansas St., Oakland. $6000

DWELLING
(531) NO. 3260 MONTANA STREET, **OAKLAND.** One-story five-room dwelling and garage.
Owner — D. H. Chaplin, 1607 Pearl St., Alameda.
Architect—Not Given.
Contractor—John S. Flagg, 4021 E-14th St., Oakland. $3000

ALTERATIONS
(532) NO. 385 EIGHTH ST., **OAKLAND.** Alterations.
Owner—Art Wong.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Asmount Ave., Oakland $1500

DWELLING
(533) NO. 4101 FRUITVALE AVE., **OAKLAND.** Two-story six-room dwelling.
Owner—P. A. Dietz, 3408 Madera Ave. Oakland.
Architect—Not Given.
Contractor—T. O. Reese, 618 Victoria Court, San Landro. $4500

DWELLING
(534) NO. 3369 MORCOM AVENUE, **OAKLAND.** One-story six-room dwelling.
Owner—E. L. Dashiell, 3700 Foothill Blvd., Oakland.
Architect—Not Given. $4950

REPAIRS
(535) NO. 2725 MAGNOLIA STREET **OAKLAND.** Fire repairs.
Owner—H. McCann, Premises.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., S. F. $5000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
42	Pollitt	Perkins	7286

BUILDING
(42) LOT 5 BLOCK 19, Forest Hill. Two-story building.
Owner—Newton J. Pollitt, 279 20th Avenue.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—E. W. Perkins, 510 Stockton Street.
Filed, May 1, '36. Dated, April 24, '36
When frame is up.....$1821.50
When brown coated 1821.50
Completed and accepted..... 1821.50
Usual 35 days..... 1821.50
TOTAL COST, $7,286.00
Bond, $3,650. Sureties, Massachusetts Bonding & Insur. So. Limit, ninety working days. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

57	Crellin	Nordstrom	9531

ALTERATIONS
(57) NO. 1222 WASHINGTON ST., Oakland. All work for alterations to market building.
Owner—Thos. Crellin Estate Co.
Architect—Chester H. Treichel, 696 Cleveland St., Oakland.
Contractor—David Nordstrom & Co., Emerald St., Oakland.
Filed May 1, '36. Dated Apr. 23, '36.
As work progresses.....
TOTAL COST, $9531
Bond, $9531. Surety Maryland Casualty Co. Limit, June 15, 1936. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

SIGN, electric, $200; 2177 Bayshore Blvd.; owner, A. M. Samuelson. Premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $200; 2222 Fillmore St. owner, H. Schindel, Premises; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave
ALTER restaurant, $450; 1597 Turk St.; owner, Helen Strus, Prem.; contractor, Army Street Carpenter & Cabinet Shop, 3155 Army St.
SIGN, electric, $200; 4604 Geary St.; owner, Oscar Kohlhardt, Premises contractor, QRS Neon Corp., Ltd. 690 Potrero Ave
REPAIR fire damage to dwelling. $750; 2370 Washington St.; owner, Hugo Arnstein, Prem.; contractor, Fred J. Early Jr., 369 Pine St.
SIGN, electric, $200; 1790 San Jose Ave.; owner, Hazel Nickola, Prem. contractor, QRS Neon Corp., Ltd., 690 Potrero Ave
SIGN, electric, $200; 1132 Market St.; owner, Grapevine Buffet, Prem.; contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.
SIGN, electric, $100; 1043 Taraval St.; owner, Cottage Radio Shop, Prem. contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $200; 2245 Greenwich St.; owner, G. Farfelle, Premises; contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.
SIGN, electric, $40; 1181 Market St.; owner, McFarlane, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $200; 2677 Mission St.; owner, Lucille Byrne, Premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $200; 1301 Grant Ave.; owner, Accampo Paintco, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave
SIGN, electric, $200; 4 Sixth Street; owner, Paulson's Lunch, Premises contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.

ALAMEDA COUNTY UNDER $1000

VARNISH kitchen, one-story two-room, $210; 4416 Clement Street, Oakland; owner, J. M. Rich Paint & Varnish Co., 380 12th Street.
ALTER sidewalk, $800; 1101 Webster St., Oakland; owner, J. P. Monahan, Premises.
WRECK two two-story dwellings, $200 each; 164 Moss Ave., Oakland; owner, Earl Horton, 2362 San Pablo Ave.
ROOF repairs, $52; 851 61st St., Oakland; owner, A. M.Gault, 6027 Grove St.; contractor, R. Brown, 740 59th St.
GARAGE and shed, one-story, $50; 2069 64th Ave., Oakland; owner, Chas. Carreira, Premises.
ADDITION, $350; 1168 8th St., Oakland; owner, W. H. Strand, 1168 8th Street.
ALTER for garage, $200; 1205 30th Ave., Oakland; owner, Mrs. L. Mueller, 1205 30th Ave.
ALTERATIONS, $250; 2969 106th Ave. Oakland; owner, C. A. Kerrebroch. Premises.
ALTERATIONS, $10; 669 25th St., Oakland; owner, Harry Talbot, 761 18th St.
FIRE repairs, $155; 434 26th Street, Oakland; owner, Mrs. J. J. McCrocken, Prem.; contractor, N. V. Heathorn Roofing Co., 354 Hobart St.
FIRE repairst, $475; 1088 56th Street, Oakland; owner, Cahill Est. 1030 56th St.; contractor, W. K. Van Bokkelen, 439 23rd St.
ALTERATIONS, $874; 880 27th Street, Oakland; owner, Progressive Plating Works, Premises; contractor, W. K. Van Bokkelen, 439 23rd St.
ALTERATIONS, $450; 3917 West St., Oakland; owner, J. Cyprianni, 3917 West St.; contractor, Allied Bldg. Crafts, 608 16th St.
ADDITION, $200; 4228 Mountain View Ave., Oakland; owner, D. M. Jones, 5121 Foothill Blvd.; contractor, Lloyd L. S. Dawson, 197- Tiffin Road.
REPAIRS, $300; 1630 11th St., Oakland; owner, M. Dorsey; contractor, C. Ganiats Co. 2092 40th Ave.
SIGN, electric, $200; 2142 23rd Ave., Oakland; owner Modern Market; contractor, Associated Neon Prod. 1009 Fruitvale Ave.
SIGN, electric, $175; 477 19th Street, Oakland; owner, Grace MacIntyre contractor, Associated Neon Prod. 1009 Fruitvale Ave.
SIGN, electric, $125; 2700 Fruitvale Ave., Oakland; owner Terminal Pharmacy; contractor Associated Neon Prod., 1009 Fruitvale Ave.
SIGN, electric, $250; 3328 E-12th St., Oakland; owner Cameron & Freitas; contractor, Kellerko Neon Works, 1115 E-12th St.
BILLBOARD, $50; SW 26th & Grove Sts. Oakland; owner, Foster & Kleiser Co., 22nd and Market Sts.
SIGN wood, $8; 1029 Broadway Oakland; owner, Jos. E. Balagno, 1029 Broadway.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Sub-Contracts Awarded

APARTMENTS Cost, $20,000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two - story frame and stucco apartment building.
Owner—Dr. L. H. Dupuich, Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Mark Bristol, 1033 McKinley Ave., Oakland.
Plumbing—Pederson Plbg. Ser., 3032 Suter St., Oakland.
Electric Wiring—Kerr & Clifford, 3525 E 14th St., Oakland.
Lumber—E. K. Wood Lbr. Co., Oakland.
Steel Sash—Gleason Steel Prod. Co., 1310 63rd St., Emeryville.
Wood Sash—W. D. Herrick, 1166 59th St., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Structural Steel—Bethlehem Steel Co. Webster and Tynan St., Alameda.

Contracts Awarded.

DUPLEX APTS. Cost, $——
SAN FRANCISCO. Telegraph Hill.
Three-story and basement steel and wood duplex apartments (plaster exterior, steel sash, composition roofing, etc.)
Owner—Mrs. Marjorie Dailey.
Architect — Gardner A. Dailey, 210 Post St., San Francisco
Steel Sash—Bates-Carpenter, 604 Mission Street.
Plumbing—Dowd Welch, 3516 16th St.
Plastering—Gene Martinelli, 666 Mission Street.

Structural Steel Contract Awarded

APARTMENTS Cost, $——
SAN FRANCISCO. SE Pierce Street and Toledo Way.
Three-story and basement frame and stucco apartments (21 2- 3- and 4-room apts.) steel frame to first floor, plastered exterior, composition shingle roof, wood sash, tile baths, hardwood floors, etc.
Owner—James Skelly.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, 321 Kearny Street.
Structural Steel—Golden Gate Iron Works, 1541 Howard Street.
Other awards will be made shortly.

3— CHURCHES

PLANS COMPLETED

PHOENIX, Ariz.—L. S. Alexander, Phoenix, has completed plans for a church building and recreation center to be built at First and Ashland Sts., for the Maricopa Stake, Church of Jesus Christ of Latter Day Saints. The new church will cover an area of 10,000 square feet and is estimated to cost $75,000. Cost of recreation center is estimated at $50,000.

4— FACTORIES & WAREHOUSES

Contract Awarded.

FACTORY Cost, $13,500
SAN FRANCISCO. S Folsom St. E Juniper Street.
One-story Class C concrete factory.
Owner—Lawrence A. Myers, 58 Sutter St., San Francisco.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.

CONTRACT AWARDED

LONG BEACH, Los Angeles Co., Calif.—Western Engineering Co., Garland, Texas, awarded contract for steel and galvanized iron construction of a group of mill buildings and a storage warehouse to be erected on a tract located on W. Seventh St., near the harbor at Long Beach, for Pacific Oil & Metal Co. Cost $180,000. Mr. Emery, 685 Chamber of Commerce Bldg., is the local representative of Western Engineering Co.

CONTRACT AWARDED

SAN DIEGO, Calif. — Consolidated Steel Corp., Ltd., 6500 E Slauson Ave. awarded contract for construction of six units at the Consolidated Aircraft Corp. plant, 3302 Atlantic St., San Diego. The new units will consist of an L-shaped addition to the northeast side of the plant, 450x100 feet in area with a wing 100x200 feet in area and a mezzanine floor 100x200 feet in area; and addition 50x200 feet in area to the west side of the plant and three small detached buildings, one 50x200 feet in area and the other two each 50x 40 feet in area. They will be steel frame structures with corrugated iron exteriors and roofs. Edward C. Taylor and Ellis W. Taylor, 803 W 3rd St., Los Angeles, architects.

CONTRACT AWARDED

SAN DIEGO, Cal. — Consolidated Steel Corp., Ltd., 6500 E. Slauson Ave., awarded contract at $138,832. for furnishing and fabricating steel for the construction of six units at the Consolidated Aircraft Corp. plant, 3302 Atlantic St., San Diego. Edward Cray Taylor and Ellis Wing Taylor, 803 W. Third St., Los Angeles, Architects.

PREPARING PLANS

VENTURA, Calif.—Architect Roy C. Wilson, Say Road, Santa Paula, is preparing plans for a one-story and basement rein. concrete addition to a lemon packing plant at Rancho Sespe, Ventura County. (132 ft. x 140 ft.) Cost $45,000. Plans being prepared for an orange packing house at the site to be of concrete construction, 110x154 feet in area, saw-tooth roof construction, maple and mastic floors, wood roof trusses, steel beams, air conditioning and insulating, etc.

COMPLETING PLANS

SAN FERNANDO, Los Angeles Co., Calif.—Architect Roy C. Wilson, Say Road, Santa Paula, is completing working drawings and will take bids in about three or four weeks for a three-story concrete lemon storage building (126x154 feet) to be built at Stanwood and Brand Blvd., San Fernando, for the San Fernando Lemon Association. Cost $60,000.

CONTRACT AWARDED

FRESNO, Cal.—Jolly & Harrington, 834 Arthur St., Fresno, at $7913 awarded contract by Fresno City Council for construction of certain storage shed in the new Corporation Yard or Fresno.

Complete bids follow:

Jolly & Harrington	$7913
J. T. Cowan	8038
L. H. Hansen & Son	8325
Harris Constr. Co.	8525
Midstate Constr. Co.	8583

All of Fresno.

PREPARING PRELIMINARY PLANS

SANTA PAULA, Ventura Co., Cal. —Architect Roy C. Wilson, Say Road, Santa Paula, is preparing preliminary plans for the construction of a one-story and basement rein. concrete orange packing plant (100x143 ft.) on the old site of Mupu Orange Association in Santa Paula, to replace building that was destroyed by fire.

Contract Awarded.

ADDITION Cost, $25
SAN JOSE, Santa Clara Co., Calif No. 40 South Montgomery Street
Addition to foundry.
Owner—Kearney Pattern Works, South Montgomery St., San Jose.
Architect—Not Given.
Contractor—Frank Hoyt, 495 South 13th St., San Jose.

Bids Rejected.

PLANT Cost, $30,000
SAN FRANCISCO. Alabama & Mariposa Streets.
One-story reinf. concrete dye plant.
Owner—Color Craft Corp., Ltd., 550 Alabama St., San Francisco.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
Whether new bids will be asked or not is not determined at this time.

Pile Driving Contracts Awarded.

WAREHOUSE, ETC. Cost, $25,000
SAN FRANCISCO. N Townsend St. W Fifth Street.
One-story Class C warehouse and office building.
Owner—A. E. Sbarboro.
Architect—John Ahnden, 822 39th Avenue.
Contractor—Cahill Bros., 206 Sansome Street.
Pile Driving—Geo. Rener, premises.
To Ask Structural Steel and Concrete Bids In Two Weeks.

PREPARING SKETCHES

LOS ANGELES, Cal.—W. D. McAllister, 1709 W 8th St., is preparing sketches for a two-story bottling plant to be built at 1834 N Main St., for the Balboa Brewing Co. The building will be part Class A and part Class B construction and will contain about 25,000 sq. ft., for housing bottling machinery, storage facilities, shipping department, etc.; reinforced concrete, cement floors, steel sash, steel trusses, composition roofing, etc. Cost, $200,000.

PLANNED

LOS ANGELES, Calif.—Studebaker Motors Corp proposes the erection of a new body plant addition to adjoin their present factory located in the Central Manufacturing district. The estimated cost of the new building is $1,000,000. C. K. Whittaker is president of the Studebaker Pacific Corp.

Preparing Working Drawings.
WINERY Cost, $150,000
ACAMPO, San Joaquin Co., Calif. Georgia Station.
New co-operative winery (group of 5 buildings, concrete, frame and galvanized iron construction).
Owner—Cherokee Vineyard Assn.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.
Bids will be asked at a later date.

Mechanical Engineer Named.
PLANT Cost. $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass mfg. plant (brick and insulux glass construction) concrete foundations corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens - Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, Vice-President in charge).
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Mgr. of Const.—P. J. Walker Company, Sharon Bldg., San Francisco.
Mechanical Engineer—A. R. McLaren, 611 Howard St., San Francisco.
Structural steel and concrete bids will be asked within two weeks.
As previously reported, excavation, filling and grading contract awarded to Heafey-Moore Co., 344 High St., Oakland, at $16,280.

Plans Being Figured—Bids Close May 14, 2 P. M.
WINERY Cost, $——
WOODBRIDGE, San Joaquin Co., Cal.
New winery (wine and storage building, fermenting cellar, distillery and office building (frame, galvanized iron and reinforced concrete construction) new equipment, etc.
Owner—Del Rio Winery.
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.
Estimated cost of the equipment is $90,000.
Bids will be opened in the Chamber of Commerce Room, Lodi.

Contract Awarded.
FACTORY Cost, $50,000
SAN LEANDRO, Alameda Co., Calif. Washington Ave. near Estabrook.
One - story calculating machine factory and office building (262x72-feet) Class B construction, steel. concrete and glass, steel sash. steel truss roof, etc.
Owner — Friden Calculating Machine Co. (Carl F. Friden, President).
Architect—Fred H. Reimers, 233 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.

5— FLATS

Low Bidder.
FLATS Cost, $——
SAN FRANCISCO. Jefferson Street. bet. Broderick and Baker Sts.
Five three-story frame and stucco flat buildings (2 9-room flats in each building); tile and composition roofing, stucco exterior, recessed gas or oil burning heating system, wood sash, colored tile fixtures, hardwood floors, etc.
Owner—Louis Hendelsman.
Architect—Sidney A. Colton. 544 Market St., San Francisco.
Low Bidder—Fred K. DuPuy, 110 Sutter St., San Francisco.

Contravt Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO. Calif., 34 Rico Way.
Alterations to flats.
Owner—Otto Geck, premises.
Architect—D. E. Jaekle, 126 Post St.
Contractor—James McCabe, 716 Ulloa St.

To Be Done By Day's Work
FLATS Cost, $10,000 each
SAN FRANCISCO. S Jackson Street W Laguna.
Two 3-story frame and stucco flats.
Owner and Builder—Sbarboro & Jorgensen, 2225 North Point Street.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
ALTERATIONS Cost, $4500
SAN FRANCISCO. Ninth Avenue and Geary Street.
Alterations to service station.
Owner—Shell Oil Co., Shell Building.
Plans by Engineering Dept. of Owner.
Contractor—V. M. Henrietta, 2929 21st Ave., San Francisco.

Plans Being Figured
SERVICE STATION Cost, $5,000
SANTA CRUZ, Santa Cruz Co., Calif. Mission and River Streets.
New service station (124x78-feet) six pumps (steel framing, frame and stucco construction).
Owner—Standard Oil Co., 225 Bush St. San Francisco.
Plans by Engineering Dept. of Owner
Bids are being received by the San Jose office of the owner. St. Claire Building.

To Be Done By Day's Work.
SERVICE STATION Cost, $6000
OAKLAND, Alameda Co., Cal. No. 1533 Cypress Street.
One-story steel service station, and one-story brick garage.
Owner and Builder—Guy I. Bonato. 1023 Stannage Ave., Albany.
Architect—Not Given. 6

To Be Done By Day's Work.
SERVICE STATION Cost, $3500
SACRAMENTO, Sacramento Co., Cal. No. 1701 Y Street.
Service station.
Owner—I. Mintz.
Plans by Engineering Dept. of Lessee
Lessee—Gilmore Oil Co., 2423 E. 28th St., Los Angeles.

Contract Awarded.
SERVOICE STATION Cost, $——
HOLLISTER, San Benito Co., Calif. San Benito and South Sts.
Steel service station.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—V. M. Henrietta, 2929 21st Ave., San Francisco.

Contract Awarded.
GARAGE Cont. Price, $11,814
SEBASTOPOL, Sonoma Co., Calif.
One-story reinforced concrete garage at High School.
Owner — Analy Union High School District.
Architect—Louis Stone and Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Contractor—L. C. Dunn. Monadnock Bldg., San Francisco.

7— FEDERAL BUILDINGS

SITE SELECTED
SAN PEDRO, Calif.—U. S. Department of Justice has selected Reservation Point, San Pedro, as the site for the construction of a new Federal prison to serve Southern California and Arizona. The San Pedro institution will be one of three contemplated for erection by the Department. Plans are being completed by government architects and the treasury department will probably call for bids in about one month. Cost of the project is estimated at between $500,000 and $700,000.

CONTRACT AWARDED
MEDFORD, Ore. — Ashland Monument Works, 253 Fourth St., Ashland, awarded contract by Treasury Department for repairs to parapet walls at the U. S. post office at Medford.

Contract Awarded
EUREKA, Humboldt, Co., Calif.—F. J. Maurer & Son, Eureka, at $78,170 warded contract by U. S. Coast Guard, Washington, D. C., for the construction of a two-story frame building, 36 x 103 ft. with watch house atop and with a boatroom extension at rear, 28x48 feet. All with concrete foudations and basements; complete with electric lights, heating, plumbing, etc.; a marine launchway approximately 274 ft. in length, comprised of treated wood pile and timber trackways, walkways, etc., and concrete approach together with all accessories, at the Humboldt Bay Coast Guard Station, Eureka.

Bids Wanted—To Close June 12, 1 p.m.
POST OFFICE Cost, $135,000
WATSONVILLE, Santa Cruz Co., Cal.
U. S. Post Office building.
Owner—United States Government.
Architect — Supervising Architect, Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office.

CONTRACT AWARDED
SAN DIEGO, Cal.—Brelin & Walker, P. O. Box 226, Point Loma, at $969 awarded contract by Bureau of Yards and Docks, Navy Department, for stuccoing buildings at the Fuel Depot, San Diego.

BIDS OPENED
ORANGE, Cal.—Ceco Weatherstrip & Screen Co., Chicago, Ill., at $344 submitted low bid to Treasury Department, for insect screens in the U. S. Post Office, Orange.
Complete bids follow:
Ceco Weatherstrip & Screen Co., Chicago, Ill., $344.
Watson Mfg. Co., Jamestown, N. Y., $376.
Robbin Co., Chicago, Ill., $381.
Chamberlin Metal Weatherstrip Co., Detroit, Mich., $445.
Bids held under advisement.

BIDS WANTED
SAN FERNANDO, Los Angeles Co. Cal.—Until May 25, bids will be received by the Treasury Department, Washington, D. C., for furnishing and installing insect screens in the U. S. post office at San Fernando.

BIDS OPENED
FORT BARRY, Marin Co., Calif.—James H. Pinkerton, 927 Howard St., San Francisco, at $4,775, submitted low bid to Andre Fourchy, Associate Civil Engineer, Room 219, Administration Building, Government Island, Oakland, for miscellaneous alterations and repairs, etc., to the Point Bonita Coast Guard Station, Fort Barry.
Work involves:
(1). Miscellaneous repairs and alterations to officers' and crew's bath rooms and officers' laundry; doors, walls, windows, steps, walks, floor.
(2) Installation of heating plant for building.
(3) Providing and connecting new plumbing fixtures and installing new sanitary sewer system.
Complete bids follow:
James H. Pinkerton, San Francisco, $4,775; 45 days.

Fox Bros., Berkeley, $5,200; 40 days.
Fred J. Early, Jr., San Francisco and Oakland, $5,435; 90 days.
L. Sullivan Co., Ltd., Oakland, $5,664; 90 days.
Bids held under advisement.

BIDS WANTED
PUYALLUP, Wash.—Until May 29, bids will be received by the Treasury Department, Washington, D. C., for furnishing and installing lighting fixtures in the U. S. Post Office, Puyallup, Washington.

BIDS WANTED
SUMMIT, Canal Zone.—Bids are being received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for the construction of Facilities Bldg., four quarters, refrigeration system in barracks bldg.; roads and walks at the Naval Radio Station, Summit, Canal Zone; Spec. No. 7890. Date of opening bids will be announced shortly.
Plans and specifications may be obtained from above office upon deposit of $30.00.

BIDS WANTED
SANTA CLARA, Santa Clara Co., —Until May 25, bids will be received by the Treasury Dept., Washington, D. C., for furnishing and installing insect screens in the U. S. post office at Santa Clara. *

LOW BIDDER
SAN FERNANDO, Los Angeles Co., Cal.—William Gelfan, Los Angeles, at $382 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office, San Fernando.

LOW BIDDER
PORTLAND, Oregon—Wegman & Sons, Board of Trade Bldg., Portland, at $2267, submitted low bid to Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing detention cells in the U. S. Court House at Portland.

8— CLUB BUILDINGS

Plans Being Figured
CLUB BLDG. Cost, $50,000
FRESNO, Fresno Co., Cal. Tuolumne and M Streets.
Two-story club building (gymnasium, social rooms, locker rooms, steam rooms, administration offices, kitchen, showers, storage rooms.
Owner—Y. M. C. A.
Architect—Rafael Lake, Pacific Southwest Bldg., Fresno. *

9— HOSPITALS

PLANNED
SAN PEDRO, Calif—A. bill authorizing an appropriation of $2,000,000 has been submitted to Congress for the construction of a marine hospital at San Pedro. The United States Public Health Service has announced that plans for the hospital already are under way, although no definite drawings can be made before the introduction of legislation authorizing the project. The project will comprise a 300-bed general hospital, quarters for resident superintendent and other officers, and homes for approximately sixty nurses and sixty male attendants. Heating facilities, kitchens, laundries and a power plant will be included in the unit. The construction cost is estimated at aproximately $1,750,000. It is expected Congress will authorize the acquisition of property near the water front when construction of the institution is ordered.

Contracts Awarded
WARD BLDG. Cont. Price, $67,843
STOCKTON, San Joaquin Co., Calif. Stockton State Hospital.
Two - story reinforced concrete farm cottage building No. 11 (slate tile roof) to accommodate 120 beds.
Owner—State of California.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.
Heating & Ventilating—Pacific Heat- will be done by day's labor.
ing & Ventilating Co., 243 Minna St., San Francisco, $11,817.
Electric—Eddy Electric Co., 309 East Weber St., Stockton, $2,295.
Plumbing bids rejected and work

11—ICE AND COLD STORPLANTS

BIDS WANTED
MARE ISLAND, Cal.—Until May 20, 11 A. M., bids will be received by the Public Works Officer, U. S. Navy Yard Mare Island, for furnishing and installing one refrigerating plant, complete in Bldg. No. M-37 at the Marine Barracks, U. S. Navy Yard, Mare Island; Spec. No. 8224.
Plans and specifications may be obtained from above office upon deposit of $5.00.

BIDS WANTED
LOS ANGELES, Cal.—Until May 18, 2 P. M., bids will be received by Veterans' Administration Facility, Los Angeles, for furnishing and installing refrigerating and ice making plant in Bldgs. Nos. 156, 157 and 158 (N. P. Hospital) at the Veterans' Administration Facility, Los Angeles. Work includes complete refrigerating and ice making plant, unit coolers, drinking water cooler and pumps ,brine and water circulating piping, pipe covering, insulation, foundations, steel shelving, construction of cold storage rooms, cold storage doors and frames, painting, electrical work, etc.
Plans and specifications may be obtained from above office.

12— POWER PLANTS

BIDS WANTED
SEWARD, Alaska.—Until July 20, 2 P. M. (tentative) bids will be received by the town of Seward, A. D. Balderston, Town Clerk, for the construction of a municipal power plant, a PWA project. Est. cost, $140,000.
See item under **Reservoirs and Dams Classification (30).** *

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contract Awarded.
LIBRARY & HALL Cost, $18,000
PALO ALTO, Santa Clara Co., Calif. Mayfield District.
One-story branch library and assembly hall (frame and stucco construction, terra cotta tile roof, gas floor furnaces, radiator, Oregon pine floors, steel sash, etc.)
Owner—City of Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor—Geo. R. Moore, 690 Harvard St., Palo Alto.

Contracts Awarded.
CITY HALL Cost, $14,000
SEBASTOPOL, Sonoma Co., Calif.
One-story reinforced concrete city hall (49x60 feet).
Owner—City of Sebastopol.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plumbing — Wetch Bros., 126 Santa Rosa Ave., Sebastopol, $509.
Wiring—Wetch Bros., Sebastopol, $208
Sheet Metal—Wetch Bros., Sebastopol, $105.
Glass and Glazing — Smith Planing Mill, Sebastopol, $157.
Mill Work—Smith Planing Mills, $840.
Fire Door—Smith Planing Mill, $281.
Vault Doors—Wm. Borba, Sebastopol $225 (Herring Hall Marvin).
Labor on Plaster—F. C. Walker, Sebastopol, $760.
Other awards will be made at a later date.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $12,500
PALO ALTO, Santa Clara Co., Calif. No. 24 Crescent Drive.
One-story frame, stucco and brick residence.
Owner—Peder Fitzpatrick.
Architect—H. A. Schary, 605 Market St., San Francisco.
Contractor—Aro & Okerman, Box 433 Palo Alto.

Contract Awarded.
GUEST HOUSE Cost, $——
WOODSIDE, San Mateo Co., Calif.
One-story guest house (4 rooms, bath and kitchen) frame and redwood sheathing, composition and slate roofing, insulite floors and walls, glass bricks, wood sash, linoleum floors and linoleum wall finish, gas heating system, etc.
Owner—William Lowe, Woodside.
Architect—Gardner A. Dailey, 210 Post St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5750
PALO ALTO, Santa Clara Co., Calif. No. 1144 Forest Avenue.
Two-story frame and stucco residence
Owner—Wm. Harkman
Architect—Not Given
Contractor—J. G. Causey, 2338 Ramona St., Palo Alto.

Plans Being Completed.
RESIDENCE Cost, $6500
WILLOW GLEN, Santa Clara Co.
One-story Colonial residence (6 rooms) wood siding, shingle roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner and Builder—Robert Herschbach, 1078 W. Willow Glen Way, San Jose.
Architect—Higgins & Root, Security Bldg., San Jose.
Sub-bids will be taken in about one week.

Bids Rejected.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Calif. St. James Wood
Two-story and basement frame and stucco residence.
Owner—H. E. Jackson, 3106 Magnolia Street, Oakland.
Architect—Miller & Warnecke, Financial Bldg., Oakland.
Plans will be revised and new bids will be asked at a later date

Heating and Wiring Bids Being Taken
RESIDENCE Cost, $12,000
SAN FRANCISCO. Germain Ave. W Twin Peaks Blvd.
Two-story frame and stucco residence
Owner—L. H. Nishkian.
Engineer—L. H. Nishkian, 525 Market Street.
Contractor—J. H. Hjul, 128 Russ St.
Bids are being received by the owner.
As previously reported, concrete awarded to Readymix Concrete Co., 1280 Indiana St. reinforcing steel to W. C. Hauck & Co., 280 San Bruno.

Contract Awarded.
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Calif.
Two-story and basement frame and stucco residence (7 room and 2 baths) shake roof, gas heating system, hardwood floors, tile baths
Owner—Leslie High.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—M. O. Ward, Rt. 1, Box 541 Modesto.

Bids Opened.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma Co., Calif.
One and one-half-story frame and stucco residence (6 rooms) English type, shingle roof, oil burning heating system, wood sash, hardwood floors, etc.
Owner—M. Kingsbury.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder — E. A. Ahlstrom, 323½ Santa Rosa Ave., Santa Rosa.
Complete bids follow:
E. A. Ahlstrom, Santa Rosa.....$7559
Leon Koch, Santa Rosa..... 7687
Wm. Rapp, Santa Rosa..... 7875
R. J. Whiting, Santa Rosa..... 8734
Bids held under advisement.

Plans Being Figured.
RESIDENCE Cost, $——
KENTFIELD, Marin Co., Calif.
Residence.
Owner—Mr. Marmer.
Architect—R. H. Bickel, 9 Geary St., San Francisco.
Robert McCarthy, 1363 14th Ave., San Francisco, is figuring the plans and desires sub-bids on all portions of the work.

Plans Being Figured—Bids Close May 11, 8 P. M.
RESIDENCE Cost, $5000
HAYWARD, Alameda Co., Calif. Main Street.
One-story frame and rustic residence (6 rooms and 2 baths) tar and gravel roofing, gas heating system wood sash, hardwood floors, tile baths, etc.
Owner—E. S. Kenyon.
Architect — George Patton Simonds, 192 Main St., Hayward.

Contract Awarded.
RESIDENCE Cost, $6000
STOCKTON, San Joaquin Co., Calif. NO. 2902 No. Eldorado Street.
One-story frame and stucco residence (six rooms).
Owner—Helen Baker.
Architect—Not Given.
Contractor——W. T. McCarthy, 529 E. Clay St., Stockton.

Contract Awarded.
RESIDENCE Cost, $——
BELVEDERE, Marin Co., Calif.
One-story residence (6 rooms)
Owner—Mr. Zimmerman.
Architect — Earle Bertz, 681 Market St., San Francisco.
Contractor—J. Dawson, 1507 Lincoln St., Berkeley.

To Ask Bids Within One Week
RESIDENCE Cot, $7,500
VALLEJO, Solano Co., Calif.
One - story and basement frame and stucco residence (7 rooms and 2 baths) shingle roof, hardwood floors, tile baths, wood sash, gas heating system, etc.
Owner—Withheld.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.

Plans Being Figured—Bids Close May 15th.
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Cal. Rockridge District.
One - story and basement frame and stucco residence (6 rooms and 2 baths) shingle roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.

Sub-Bids Being Taken.
RESIDENCE Cost, $5,000
MILLBRAE HIGHLANDS, San Mateo County, Calif.
One - story and basement frame and stucco residence (5' rooms) tile & composition roofing, steel & wood sash, gas heating system, hardwood floors, tile bath, etc.
Owner and Builder—W. C. Akard, 225 Cervantes Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $12,500
SAN FRANCISCO. S Marina Blvd. W Beach Street.
Two - story and basement frame and stucco residence.
Owner—Bernard A. Cody, 1231 Francisco Street.
Architect — Henry H. Gutterson, 526 Powell Street.
Contractor—Arthur J. Stahl, Monadnock Bldg.

To Ask Bids About May 11th
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Cal. Montclair District.
One-story frame, stucco, board and batten residence (6 rooms, 1 bath and extra lavatory) shake roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.

Plans Being Completed.
RESIDENCE Cost, $10,000
KENT, Marin Co., Calif.
Two-story stone and timber residence and double garage (seven rooms, three baths, maid's room, two sleeping porches, hardwood floors, fireproof shingle roof, etc.)
Owner—A. Pinther, Corte Madera.
Architect — W. E. Baumberger, 65 Wellington Ave., San Anselmo.
Bids will be asked in about ten days.

Plans Being Figured.
ALTERATIONS, ETC. Cost, $6000
ATHERTON, San Mateo Co., Calif.
Alterations and additions to residence (work involves an addition of a large living room, sleeping porches, fireplaces, weatherstripping, partitions, gas furnace heating system, etc.)
Owner—Arthur J. Hill.
Architect — W. E. Baumberger, 65 Wellington Ave., San Anselmo.

PLANNED
PALM SPRINGS, Riverside Co., Cal.—John J. Raskob, vice-president of General Motors has purchased 2500 acres, 10 miles north of Palm Springs which he proposes subdividing into ten acre estates. Mr. Raskob also plans the construction of a large residence for himself on the acreage.

Sub-Bids Being Taken.
RESIDENCE Cost, $5000
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One-story and basement frame and stucco residence (5 rooms) tile and composition roofing, gas heating system, steel and wood sash, hardwood floors, tile bath, etc.
Owner and Builder—Oscar Harjulin, 867 Eddy St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $20,000
HILLSBOROUGH, San Mateo Co. Cal.
One-story frame and stucco residence
Owner—Paul Fenner.
Architect — Clarence A. Tantau, 210 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.

Plans Being Completed.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. Arch Street.
One-story rustic residence (5 rooms) tar and gravel roof, gas heating system, wood sash, etc.
Owner—Withheld.
Architect—G. P. Simmonds, 192 Main St., Hayward.
Bids will be asked in about one week.

To Be Done By Day's Work.
RESIDENCE Cost, $9500
SANFRANCISCO. Telegraph Hill.
Three-story frame, stucco and brick residence (6 rooms, 3 baths) shingle tile roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Budd Rosenberg, 1930 Sacramento St., San Francisco.
Architect—Ed. Musson Sharpe, 111 Sutter St., San Francisco.
Owner will take bids in about two weeks, and construction will be handled under his supervision.

Contract Awarded.
RESIDENCE Cost, $7500
SAN MATEO, San Mateo Co., Calif. Aragon Tract, Castillian Avenue.
Two-story frame and stucco residence (8 rooms and 2 baths) shake roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Ed. Musson Sharpe, 111 Sutter St., San Francisco.
Contractor — Leadley & Leadley, 207 Second Ave., San Mateo.

Low Bidder.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
Two-story frame and stucco residence (six rooms).
Owner—F. A. Betelheim.
Architect—Farr & Ward, 68 Post St., San Francisco.
Low Bidder — D. B. Gladstone, 557 Market St., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Cal. Oakmore Manor.
Two - story frame, stucco and brick veneer residence (7 rooms and 2 baths) shingle roof, gas heating system, hardwood floors, tile baths steel sash, etc.)
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 4536 Reinhardt Drive.
Two-story frame and stucco residence (5 rooms).
Owner — Mildred M. Reynolds, Mills College, Oakland.
Architect—Not Given.
Contractor — David Nordstrom, 4150 Emerald St., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 5726 Nottingham Drive.
Two-story frame and stucco residence (five rooms).

Owner—Helen I. Crandall.
Architect—Not Given.
Contractor—W. G. Foster, 4 Avon Rd. Berkeley.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 2454 Cedar Street.
Two-story frame and stucco residence (six rooms).
Owner — W. R. Weber, 2369 Hilgard St., Berkeley.
Architect—E. R. DeChenne, 97 Monte Cresta Ave., Oakland.
Contractor—J. L. Rich, 556 37th St., Oakland.

To Be Done By Day's Work.
RESIDENCES Cost, $6000
SAN FRANCISCO. Twenty - fourth Ave. and Sloat Blvd.
Two one-story and basement frame and stucco residences.
Owner and Builder—Jas. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5500
SAN FRANCISCO. NW Desmond & Visitacion Sts.
One-story and basement frame and stucco residence.
Owner—Fred Schilling, 550 Hyde St., San Francisco.
Architect—Not Given.
Contractor—The Ruegg Co., 369 Pine St., San Francisco.

CONTRACT AWARDED
RESIDENCE Cost, $6500
BURLINGAME, San Mateo Co., Cal. Lot 13 Blk 28, Clarendon St.
Two-story frame and stucco residence
Owner—G. H. Evans.
Architect—Not Given.
Contractor—Burlingame Rlty. & Bldg. Co., 1090 Burlingame Square, Burlingame.

Contract Awarded.
RESIDENCE.... Cost, $6500
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two-story frame and stucco residence
Owner—Walter Vandervoort, 575 Lytton St., Palo Alto.
Architect—Not Given.
Contractor—C. E. Fowler, 829 Edgehill St., San Mateo.

To Be Done By Day's Work
RESIDENCES Cost, $7,000 each
SAN MATEO, San Mateo Co., Calif. Seville Way and Edinburgh.
Five one-story and basement frame and stucco residences.
Owner and Builders—Benet Bldg. Co. 261 B St., San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,000
SAN MATEO, San Mateo Co., Calif. Lot 11 Block 13, Maple.
Two-story frame and stucco residence
Owner—E. Flores.
Architect—Not Given.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $7000
ALAMEDA, Alameda Co., Calif., No. 3001 Gibbons Drive.
Two-story frame and stucco residence (6 rooms)
Owner and Builder—Chas. Falk, 1520 E. 38th St., Oakland.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Roofing—W. L. Saxby, 4538 Fleming Ave., Oakland.
Plumbing—J. A. Fazio, 2059 Webster St., Oakland.
Lumber—Loop Lumber Co., Alameda.
Electric Wiring—W. Ansel, 1350 Park St., Alameda.
Heating—Johnson Oil Burner Co., Oakland.
Sheet Metal—Harer & Perry Co., 5662 Keith St., Berkeley.
Tile—Superior Tile Co., 3743 Broadway, Oakland.
Glass—Cobbledick Kibbe Glass Co., 301 Washington St., Oakland.
Lathing & Plastering—Henry Schwab, Alameda.
Painting—W. T. James, 2321 86th Ave., Oakland.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and 10th Sts., San Francisco.

Contract Awarded
RESIDENCE Cost, $5,000
SEBASTOPOL, Sonoma Co., Calif.
One-story frame and stucco residence
Owner—Mrs. F. W. Searby, Sebastopol.
Plans by M. T. Howard.
Contractor—W. Olsen & Son, Sebastopol.

Contract Awarded
RESIDENCE Cost, $3,806
SAN MATEO, San Mateo Co., Calif.
One-story frame residence (5 rooms).
Owner—J. S. N. Bebbe, Belmont.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—John G. Smith, Belmont.

Contract Awarded
RESIDENCE Cost, $5,000
ALAMEDA, Alameda Co., Calif. 1142 Versailles Avenue.
One - story and basement frame and stucco residence (six rooms).
Owner—Walter Johnson, 1131 College Ave., Alameda.
Architect—Not Given.
Contractor—Farringer and Spaulding, 1511 Union St., Alameda.

Contract Awarded.
RESIDENCE Cost, $12,000
EL CERRITO, Contra Costa Co., Cal. Arlington Estates.
Two-story frame and stucco residence
Owner—E. F. Seagrave.
Architect—Not Given.
Contractor—R. M. Trigland, El Cerrito.

To Be Done By Day's Work.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 930 Paramount Road.
Two-story and basement frame and stucco residence (7 rooms).
Owner and Builder—H. P. Fisher, 376 17th St., Oakland.
Architect—Not Given.

BIDS OPENED

SAN FRANCISQUITO CANYON, Los Angeles Co., Calif.—Eser Wikholm 656½ S. Western Ave., Los Angeles, submitted low total lump sum bid to D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, at $27,600, for construction of seven bungalows and three garages at the Bureau's power plants No. 1 and No. 2, San Francisquito Canyon, near Saugus, under Specifications No. 1900. The buildings will be of frame construction with resawn red cedar siding, composition roofs, concrete foundations, wood and linoleum-covered floors, electric wiring and fixtures, plumbing, painting, etc. The complete bids follow:

Eser Wikholm, $27,600 (total lump sum, all items).

Frank Shoenrock, (1) two 5-room bungalows and one double garage at Plant No. 1, $10,424.50; (2) three 3-room cottages and one 3-car garage at Plant No. 2, $10,186.60; (3) two 5-room bungalows at Plant No. 2, $10,-119; (4) items Nos. (1) and (2) combined, $20,451.74; (5) items Nos. (1), (2) and (3) combined, $30,406.78. Estimate based on three type "A" cottages; for type "B" cottages, deduct $150 each.

Jacobson Bros., (1) $10,495; (2) $9,783; (3) $10,495; (4) $20,278; (5) $30,773.

Bert H. Vreenegoor, (1) $12,001.15; (2) $10,632.70; (3) $11,947.75; (4) $22,-533.85; (5) $34,581.60.

Contract Awarded.
RESIDENCE Cost, $8500
BURLINGAME HILLS, San Mateo Co
Two-story and basement frame and stucco residence.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor — Lengfeld & Olund, 220 Third Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 1909 Wren Street.
Two-story frame and stucco residence (6 rooms).
Owner—Anna L. Miller, 947 Larkspur Road, Oakland.
Plans by Paul Anderson, 2130 12th Ave., Oakland.
Contractor—C. C. Reshel, 4276 Fruitvale Ave., Oakland.

Plans Being Completed
RESIDENCE Cost, $12,000
BERKELEY, Calif., Taylor Gardens.
Two-story frame and stucco residence (10 rooms, 3 baths) tile roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Eric Wolfe.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Bids will be asked in about one week.

To Be Done By Day's Work.
RESIDENCE Cost, $7
SAN JOSE, Santa Clara Co., Calif. No. 135 Rankin Avenue.
Two-story frame and stucco residence (five rooms).
Owner and Builder—Ormal W. Dodd 1135 Lincoln Ave., San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7500
SAN JOSE, Santa Clara Co., Calif. No. 1365 Emory Street.
Two-story frame and stucco residence (six rooms).
Owner—Rex Taylor, 44 South Fourth St., San Jose.
Architect—Not Given.
Contractor—George Koocher, Graphic Arts Bldg., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SACRAMENTO, Sacramento Co., Cal. No. 1533 Fortieth Street.
One-story and basement frame and stucco residence.
Owner and Builder—A. Bruce Asbury, 1736 41st St., Sacramento.
Architect—Not Given.

Low Bidder
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Calif.
One - story and basement frame and stucco residence (five rooms).
Owner—Mrs. James Barr, 1630 Scenic Ave., Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Low Bidder—Enoch Tramnal, 483 Crescent St., Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
PALO ALTO, Santa Clara Co., Calif. No. 1975 Webster Street.
One-story frame and stucco residence.
Owner—George Whisler.

Architect — Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Plans Being Completed.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. East Oakland District.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—G. H. Stover.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Bids will be asked in one week.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 3208 Knowland Avenue.
One - story and basement frame and stucco residence (7 rooms).
Owner and Builder—Howard S. Kaulbach, 2500 61st Avenue.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. 2133 Eunice Avenue.
Two-story frame and stucco residence (seven rooms).
Owner—Elizabeth R. Lortezen.
Architect—Not Given.
Contractor—Leslie E. Alley, 1621 Encinal Ave., Alameda.

Contract Awarded
RESIDENCE Cost, $5,500
BERKELEY, Alameda Co., Calif. 776 Keeler Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner—J. C. Howard, 1126 Keith Avenue, Berkeley.
Architect—Not Given.
Contractor—Frank W. Anderson, 2111 Ashby Ave., Berkeley.

Plans Being Figured.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Calif. Montclair Highlands.
Two-story and basement frame and rustic residence (shake roof, steel sash, hardwood floors, tile bath, ect.)
Owner—R. S. Smith.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

Contract Awarded
RESIDENCE Cost, $15,000
HAYWARD, Alameda Co., Calif.
Two-story rustic residence (10 rooms, 5 baths) shingle roof, gas heating system, hardwood floors, tile baths wood sash, etc.
Owner—Mr. Struble.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Contractor—A. Holyoake, 2839 East Avenue, Hayward.

Contract Awarded
RESIDENCE Cost, $8,500
SAN MATEO, San Mateo Co., Calif. Chester Way.
Two-story frame and stucco residence
Owner—Vera W. Maple, 1166 Bellevue Ave., San Mateo.
Architect—Not Given.
Contractor—R. A. White, 744 Crossway, San Mateo.

15— SCHOOLS

Plans Being Figured—Bids Close May 19, 8 P. M.
MUSIC BLDG. Cost, $10,000
TURLOCK, Stanislaus Co., Calif.
One-story frame and stucco music building.
Owner — Turlock Union High School District.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Plans and specifications may be obtained from the architect upon deposit of $25.

Plans Awaiting Approval
COLLEGE BLDG. Cost, $40,000
SANTA ROSA, Sonoma Co., Calif. Santa Rosa Junior College Campus
One-story Class B frame and brick veneer domestic science and commercial building (fourth unit) flat tile roof.
Owner — Santa Rosa Junior College District (Floyd Bailey, President) Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Plans have been forwarded to State Division of Architecture, Sacramento, and upon approval bids will be asked

CONTRACT AWARDED
PHOENIX, Ariz.—Dubach & Chipperfield, 2531 E McDowell St., Phoenix, awarded contract by the Maricopa County School District No. 1 for construction of an addition to the Lowell school in Phoenix. Orville A. Bell, 321 Heard Bldg., Phoenix, architect. Lescher and Mahoney, 1100 Title and Trust Bldg., Phoenix, supervising architect. Cost, $33,400.

Contract Awarded.
CLASSROOM UNIT
Cont. Price, $57,750
SACRAMENTO, Sacramento Co., Cal. Junior College Campus
Brick classroom unit (17 classrooms; second unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Contractor—William C. Keating, 1121 24th St., Sacramento.
Complete bids published April 28.

BIDS WANTED
LOS ANGELES, Cal.—Until May 20 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a three-story steel and concrete classroom building to be erected at Budlong Ave. school, 5940 South Budlong Ave. A. S. Nibecker, Jr., architect, 1425 S. San Pedro St.

Plans Being Figured—Bids Close May 16.
SCHOOL Cost, $60,000
AVENAL, Wings Co., Calif.
One-story brick elementary school (6 classrooms).
Owner—Reefe-Sunset School District.
Architect — Ernest J. Kump, Rowell Bldg., Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

BIDS WANTED
MANTECA, San Joaquin Co., Cal.—Until May 18, 4 P. M. (to be opened at 8 P. M.) bids will be received by E. C. Skinner, Clerk, Manteca Grammar School District, for roofing of the Lindbergh Grammar School in Manteca.
Plans and specifications may be obtained from the Superintendent of the District, Yosemite School, Manteca.

Plans Approved
RECON. AUDITORIUM Cost, $10,000
BERKELEY, Alameda Co., Calif.
Reconstruction of the University Elementary School Auditorium.
Owner—Berkeley School District.
Architect—W. C. Ambrose, Berkeley Board of Education, Berkeley.
Engineer—Thomas F. Chace, Berkeley Board of Education, Berkeley.

Construction To Start In Two Weeks
SCHOOL Cost, $9,000
ALAMEDA COUNTY, Cal. Stonybrook Canyon.
One - story frame and stucco school building (tile roof, etc.)
Owner—Stonybrook School District.
Architect—Chester Treichel 696 Cleveland St., Oakland
Project approved by WPA.

Bids Opened
MUSIC BLDG. Cost, $35,000
SANTA ROSA, Sonoma Co., Calif.
Reinforced concrete music building at high school.
Owner—Santa Rosa Un. High School District.
Architect—W. H. Weeks, 593 Market Street, San Francisco.
Low bids follow:

Work Complete
Louis C. Dunn, Monadnock Building, San Francisco, $56,416 (only bidder).

Segregated General Work
N. H. Sjoberg, 5604 E 16th St., Oakland, $31,274.

Lathing and Plastering
M. J. King, 2343 Bay St., San Francisco, $4,670.

Roofing
G. W. Davenport, $1,644.

Heating, Plumbing and Sheet Metal
Herman Lawson, 465 Tehama St., San Francisco, $7,940.

Painting
C. W. Sullberg & Son, Route 1, Box 1, Windsor, $1,150.

Electrical Work
Norman A. Russell, Healdsburg, $2462. $2462.

Brick Work
W. Olsen & Son, 617 I St., Petaluma $2337.

Linoleum and Shades
Stone Co., Santa Rosa, $440.85.

Hardware
Dixon Hardware & Implement Co., Dixon, $625.
Complete bids follow:

Work Complete
L. C. Dunn, San Francisco.....$56,416

Segregated General
N. H. Sjoberg & Son, Oakland..$31,274
John E. Branagh, Oakland..... 31,800
Oliver M. Rousseau, S. F..... 32,950
L. C. Dunn, San Francisco..... 35,837

Lathing and Plastering
M. J. King, San Francisco.....$4,670
Leonard Bosch, San Francisco.... 5,590
R. E. Keene.....6,425
Paul Lindau, Santa Rosa..... 6,575
Burgett Bros., Healdsburg..... 6,725

Roofing
G. W. Davenport.....$1,644
Wm. D. Rapp, Santa Rosa..... 1,650
D. E. Mohn..... 1,657
Alta Roofing Co., S. F..... 2,068

Heating, Plumbing and Sheet Metal
Herman Lawson, San Francisco..$7,940
Scott Co., San Francisco..... 7,990
Carl T. Doell, Oakland..... 8,750
M. J. Reeves Heating Co., S. F. 9,399

Painting
C. W. Sullberg & Son, Windsor..$1,150
Raphael Co., San Francisco..... 1,200
Patterson Bros., Oakland..... 1,240

Electric
Norman A. Russell, Healdsburg, $2462.
Karl F. Stolting, Santa Rosa, $3178.

Brick Work
W. Olsen & Son, Petaluma, $2337.
White & Gloor, San Francisco, $2489

Linoleum and Shades
Stone Company Santa Rosa, $440.85.
Van Fleet Freear Co., San Francisco. $585.

Hardware
Dixon Hardware and Implement Co., Dixon, $625.
Marshall Newell Co., San Francisco. $635.
Bids held under advisement

SUB-BIDS WANTED

AVENAL, Kings Co., Cal.—W. J. Ochs, Pacific Southwest Bldg., Fresno, desires sub-bids on all portions of the work for the construction of a one-story brick elementary school for the Reefe-Sunset School District, for which bids will be opened May 16.

Plans prepared by Architect Ernest Kump, Fresno, and F. W. Kellberg, San Francisco. 5

Plans Being Prepared.

SCHOOL ADDITION Cost, $——
TULELAKE, Siskiyou Co., Calif.
Frame addition to high school (three classrooms).
Owner—Siskiyou Union High School District.
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Members of the board include Judd Ager, Ager; R. A. Kaupp, Mt. Shasta; Dr. Dickenson, McCloud; Archie Kindig, Fort Jones, and Otto Reichman, Montague.

Commissioned To Prepare Plans.

JUNIOR COLLEGE Cost, $——
SAN MATEO, San Mateo Co., Calif. Property adjacent to San Mateo High School.
New Junior College.
Owner — San Mateo Junior College and High School District.
Supervising Architect—Geo. W. Kelham, 315 Montgomery St., S. F.

Further details will be announced shortly.

BIDS WANTED

WASCO, Kern Co., Cal.—Until May 12, 8 P. M., bids will be received by the Wasco Union School Dist., Kern County, for the construction of an addition to the Wasco Union School. Plans may be obtained at the office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield, upon deposit of $10. A certified check or bidder's bond in the amount of 10% must accompany each bid.

PLUMBING CONTRACT AWARDED

LOS ANGELES, Calif. — Lohman Bros., 232 S. Spring St., Los Angeles, awarded contract by Regents of the University of California, at $14,668, for plumbing work for a new administration building to be erected at the UCLA campus, Westwood. The bids were opened April 10. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects, and Hunter & Hudson, 41 Sutter St., San Francisco, mechanical engineers. P. J. Walker Co., 3900 Whiteside Ave., Los Angeles, general contract. 5

BIDS WANTED

LOS ANGELES, Calif.—Until May 11, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the main brick building at the Hooper Avenue school, 5123 Hooper Ave. A. S. Nibecker, Jr., architect. Cost $70,000.

CONTRACT AWARDED

BEVERLY HILLS, Los Angeles Co., Calif.—Gates & Huntley, 2020 Hyperion Ave., Los Angeles, awarded contract at $69,490 by Beverly Hills board of education for the reconstruction of the physical education and shop buildings at the Beverly Hills high school site. Edward Cray Taylor and Ellis Wing Taylor, 803 W. Third St., Los Angeles, architects.

BIDS REJECTED

LOS ANGELES, Cal.—Los Angeles board of education rejected all bids for a reinforced concrete school classroom building to be built at the North Hollywood high school, 5231 Colfax Ave., North Hollywood. Myron Hunt and H. C. Chambers, 1218 Continental Bldg., Los Angeles, architects; C. Deuel, 405 Douglas Bldg., Los Angeles, structural engineer, and E. L. Ellingwood, H. W. Hellman Bldg., Los Angeles, mechanical engineer. New bids will be asked.

LOW BIDDER

LOS ANGELES, Calif—Patterson Bros., Builders' Exchange Bldg., Oakland, submitted low bid to Los Angeles board of education at $1838, for painting and miscellaneous work on Unit No. 2 at the Sixty-sixth Street school, 309 East 67th St.

CONTRACT AWARDED

PASADENA, Cal.—H. Mayson, 9315 Hooper Ave., Los Angeles, awarded contract at $588,845 by the Pasadena board of education for the construction of the two-story reinforced concrete Horace Mann building at Pasadena Junior College. Cyril Bennett, 311 First Trust Bldg., Pasadena, architect. 5

CONTRACT AWARDED

PASADENA, Cal.—H. Mayson, 9315 Hooper Ave., Los Angeles, awarded contract by Pasadena board of education at $588,845 for construction of the Horace Mann building at the Pasadena Junior College school site. Cyril Bennett, 311 First Trust Bldg., Pasadent, architect. 5

CONTRACT AWARDED

LOS ANGELES, Cal.—R. J. Daum, 3264 Budlong Avenue, awarded contract by Los Angeles board of education at $78,961, for reconstruction, rehabilitation and strengthening of the main building at Alexandria Avenue School, 4211 Oakwood Ave. C. F. Skilling, 1008 W. Adams Bldg., architect; Martin Pohl, 2600 S Hoover St., structural engineer.

CONTRACT AWARDED

LOS ANGELES, Cal.—Klaas Bros., 3709 Edenhurst Ave., awarded contract by Los Angeles board of education at $5980 for painting and miscellaneous work on the east and west buildings at Eastman Street school, 1200 S Eastman St.

Plans Awaiting Approval

SCHOOL Cost, $18,000
SALINAS, Monterey Co., Calif. East of Salinas.
One-story frame and stucco elementary school (four classrooms) flat roof.
Owner—Salinas Elementary School District.
Architect—Charles Butner, 630 Pajaro Street, Salinas.

Plans have been forwarded to State Division of Architecture, Sacramento and upon approval bids will be asked.

BOND ELECTION

KERN COUNTY, Cal.—The Beardsley School District, Kern County, has called an election for May 20 at which time it is proposed to vote bonds in the sum of $80,000 for the purpose of making improvements to hhe Beardsley school.

Plans Being Completed.

RECON. GYM. Cost, $89,370
BAKERSFIELD, Kern Co., Calif.
Reconstruction of girls' gymnasium at high school (reinforced concrete frame, plaster dash exterior finish steel studs, metal lath and plaster, Johns-Manville or equal roofing, concrete floors, steam heating system, Crane Co. plumbing goods or equal, etc.)
Owner — Kern County Union High School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.

Preliminary Plans Completed.

ADDITION Cost, $——
NEAR BAKERSFIELD, Kern Co., Col.
Frame and stucco addition to Fairfax School (tile roof, etc.)
Owner—Kern County School District.
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.

BIDS OPENED

SAN FRANCISCO—Empire Heating Co., 2707 Geary Blvd., at $2,263 submitted low bid to the Division of Architecture, Sacramento, for an exhaust ventilating system for the additon to the Science Bldg., at the State Teachers' College, Haight and Buchanan Sts., San Francisco.

Empire Heating Company	$2,263
Ace Sheet Metal Works	2,580
Complete bids follow:	
Scott Company	2,662
James A. Nelson, Inc.	2,748
Rees Blow Pipe Mfg. Co.	3,513

All of San Francisco.
Bids held under advisement.

BIDS WANTED

LOS ANGELES, Calif.—Until May 18, 2 p.m., new bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., Los Angeles, for a two-story rein. concrete classroom building to be erected at North Hollywood high school, 5231 Colfax Ave., North Hollywood. Myron Hunt and H. C. Chambers, 1218 Continental Bldg., Los Angeles, architects; C. Deuel, 405 Douglas Bldg., Los Angeles, structural engineer, and E. L. Ellingwood, H. W. Hellman Bldg., Los Angeles, mechanical engineers. 5

BIDS WANTED

LOS ANGELES, Calif.—Until May 15, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., Los Angeles, for a two-story girls' physical education building to be erected at the Richard Henry Dana junior high school, 1501 Cabrillo Ave., San Pedro. Cost $40,000. M. L. Barker and G. Lawrence Ott, 346½ S. La Brea Ave., Los Angele, architects; Laurence J. Waller, 931 Micheltorena St., Los Angeles, structural engineer. 5

LOW BIDDER

LOS ANGELES, Cal.—N. W. Thiele Construction Co., 1401 Santa Fe Ave., or Room 200, 111 W. Seventh St., submitted low general contract bid to Los Angeles board of education, at $132,260 (general work, including painting but excluding plumbing, heating and ventilating and electric wiring) for the construction of a new main building and the reconstruction, rehabilitation and strengthening of the existing main building at the Ramona school, 1133 N. Mariposa Ave. Frank D. Hudson, 701 Laughlin Bldg., architect; Ralph A. DeLine, 1044 S. Grand Ave., structural engineer.

Contract Awarded.

MANUAL TRAINING SHOP
Cont. Price, $6958
MONTEREY, Monterey Co., Cal. Pacific Street.
One-story fireproof manual training shop (forge).
Owner—Monterey Elementary School District.
Architects — Roland Stringham and John Evers, 525 Market St., San Francisco.
Contractor—M. J. Murphy, Inc., Carmel.

Complete bids published April 15.

CONTRACT AWARDED

SAN FRANCISCO, Calif — General Seating Company, 160 Second Street, at $75 awarded contract by Department of Public Works for furnishing and installing American slate blackboards at the Madison School, Clay Street, between Arguell Blvd. and Cherry Ave. Approximately 95 sq. feet, 3 ft. wide and ¼ to ⅜ in. in thickness, having a minimum length of 4 ft. 6 in. will be required.

Preparing Preliminary Plans.

SCHOOL Cost, $80,000
TAFT, Kern Co., Cal. Lincoln School Site.
Reinforced concrete domestic science and music building at Lincoln School site (tile rof, cement and wood floors, steel sash, etc.)
Owner—Kern County Grammar School District.
Architect—Chas. H. Biggar, Heberfelde Bldg., Bakersfield.

Plans Completed.

COLLEGE BLDG. Cost, $40,000
SANTA ROSA, Sonoma Co., Calif. Santa Rosa Junior College Campus
One-story Class E frame and brick veneer domestic science and commercial building (fourth unit) flat tile roof.
Owner — Santa Rosa Junior College District (Floyd Bailey, President) Santa Rosa.
Plans will be forwarded to State Division of Architecture, Sacramento, for approval within a few days.

New Bids Wanted—To Close May 15, 1:30 P. M.

RESIDENCE HALL Cost, $275,000
PULLMAN, Washington. Campus of State College.
Four-story and basement reinf. concrete residence hall ,brick panel walls, etc.) 168x160 feet.
Owner—State of Washington.
Architect—S. A. Smith, State College, Pullman.
Plans and specifications may be obtained from the architect upon deposit of $35 for general, 20 for plumbing and heating, and $20 for electrical.
Complete bids on previous bid opening reported April 30.

Contract Awarded

ALTERATIONS Cost, $7,000
OAKLAND, Alameda Co., Cal. Washington Street.
Alterations to market building (new front, plate glass and tile sliding doors, etc.)
Owner—City Market.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor — David Nordstrom, 4150 Emerald St., Oakland.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.
Structural Steel—Herrick Iron Works, 1729 Campbell St., Oakland.

Bids Wanted—To Close May 19, 8 P. M.

LOCKERS, ETC. Cost, $——
ALBANY Alameda Co. Calif.
Lockers, furniture, table and arm chairs, for high school bldg.
Owner—Albany High School District.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Bids are being taken as follows:
(1) Metal lockers;
(2) Library furniture;
(3) Work table in art room;
(4) 200 arm chairs.
Plans and specifications may be obtained from the architect.

BIDS WANTED

LOS ANGELES, Calif.—Until May 18, 2 p.m., new bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a two-story steel frame and concrete shop and physical education building to be erected at the John Adams junior high school, 151 West 30th St. Cost $70,000. T. C. Kistner, architect; William T. Wright, 814 Architects' Bldg., structural engineer; Homer V. Fisher, 2024 W. Sixth St., mechanical engineer.

BOND ELECTION

BRYTE, Yolo Co., Cal.—Bryte Elementary School District will vote May 23 on a proposal to issue bonds in the amount of $10,000, proceeds to finance construction of an elementary school in Bryte.

Sub-Contracts Awarded.

RECONST. SCHOOL
Cont. Price, $111,947
ALAMEDA, Alameda Co., Cal. No. 2130 Central Avenue.
Reconstruction of high school auditorium and gymnasium.
Owner—Alameda City School District
Architect—Carl Werner, 1303 Bay St., Alameda.
Structural Engineers—L. H. Nishkian, 525 Market St.; Harold Hammill 381 Bush St., and Harold Russell, Pacific Bldg., San Francisco.
Contractor—A. Nelson, 242 Ocean Ave. San Francisco.
Structural Steel—Schrader Iron Wks., 1247 Harrison St.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave.
Electric — Abbett Electric Co., 126 Sears Street.
Plumbing, Heating and Sheet Metal—Frank Davison, 65 Chesley St.
Glass—W. P. Fuller & Co., 301 Mission Street.
Roofing—Alta Roofing Co., 976 Indiana Street.
Painting—Aristo Painting Co., 473 Bryant St.
All of San Francisco.

Plans Being Completed

SCHOOL Cost, $75,000
SAN MATEO, San Mateo Co., Calif.
One - story frame and stucco school and auditorium (5 classrooms and auditorium to seat 500).
Owner—St. Matthews Catholic School 900 S El Camino Real, San Mateo.
Architect—H. A. Minton, 525 Market St., San Francisco.
Bids will be asked shortly.

LOW BIDDER

LONG BEACH, Los Angeles Co., Cal.—Andy Sordal, 722 Magnolia Ave., Long Beach, submitted low bid to Long Beach Board of Education at $98,536, for construction of the Lafayette School. A. L. Ferver, 132 W. Ocean Ave., Long Beach, Structural Engineer and Cecil Schilling, 145 Linden Ave., Long Beach, Architect.

LOW BIDDER

BELL, Los Angeles Co., Cal.—Raphael Co., 270 Tehama St., San Francisco, submitted low bid to the Los Angeles Board of Education at $386, for painting and miscellaneous work on the main building (less 1930 south annex building) at the Woodlawn Avenue School, 6314 Woodlawn Ave., Bell.

BIDS WANTED

KERN COUNTY, Cal.—Until May 18, 7 P. M., bids will be received by the Rockpile Grammar School Dist. for an addition to the classroom building at the Rockpile School in Kern County. The building will be of frame and stucco construction, tile roofing, concrete foundarions, concrete and wood floors, wood sash, etc. Planst were prepared by Architect Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield. The following contractors will submit bids: Anderw Graham, Taft; Henry Elssler, 2228 18th St., Bakersfield; Paul Opperman, 1327 Orange Dr., Bakersfield; A. J. Hendricks, Bakersfield. Cost is estimated at $30,000.

Bids Wanted—To Close May 20, 8 p.m.

SCHOOL Cost, $30,000
DELANO, Kern Co., Calif.
One-story reinforced concrete, grammar school (4 classrooms) wood floors, etc.
Owner—Delano Grammar School Dist.
Architect—E. J. Symmes, Haberfelde Bldg., Bakersfield.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans and specifications may be obtained from the architect.

PREPARING SKETCHES

NORTH HOLLYWOOD, Los Angeles Co., Cal.—Architects Henry Carlton Newton and Robert Dennis Murray, 502 Architects' Bldg., Los Angeles, are preparing sketches for a two-story parochial school to be erected on Bakman St., near Magnolia Blvd., North Hollywood, for St. Charles Catholic Church; Rev. Michael Lalor, pastor. Construction will probably be of reinforced concrete. Further details will be announced later.

16—BANKS, STORES AND OFFICES

SUB-BIDS WANTED

SAN FRANCISCO—Dinwiddie Construction Co., 210 Crocker Bldg., desire sub-bids on all portions of the work for the construction of a Class A pent house to be constructed on the Ninth Floor at 133 Geary Street for Courvoisier Galleries, for which bids will be opened May 11, 10 A. M.
Plans prepared by Architect Henry T. Howard, 580 Market Street.

Planned

STORE Cost, $——
VALLEJO, Solano Co., Calif. Foot of Georgia Street.
New store building.
Owner—Louis Trager, 210 Georgia St., Vallejo.
Architect—Not Given.

Contract Awarded

STORE Cost, $——
SAN FRANCISCO. Post and Stockton.
New store building at Plaza Hotel.
Owner—Allied Properties Company.
Architect—Albert Roller, Crocker 1st National Bank Building.
Lessee—J. Salzman, Furrier.
Contractor—Ostlund & Johnson, 1901 Bryant Street.

Plans Being Completed

ALTERATIONS Cost, $8,000
SAN FRANCISCO. 310 Sansome St.
Alterations to lobby of Alaska Commercial building (new floor covering, elevator fronts and cabs, four bronze doors, lighting fixtures, painting, decorating, etc.)
Owner—Walton N. Moore.
Architect—Albert Roller, Crocker 1st National Bank Building.
Agents—Norris, Beggs and Bace, 544 Market Street.
Bids will be asked in about 1 week.

COMPLETING PLANS

LOS ANGELES, Calif. — Architect Marcus P. Miller, 707 Board of Trade Bldg., is completing working drawings and specifications for alterations to a 6-story Class A store and loft building at 631-35 S. Spring St. for Mr. Harris; Ralph's Grocery Co., lessee of a portion of the building. New elevator to be installed, etc. Cost, $70,000. Bids for the work will be taken from a selected list of contractors in about two weeks.

Plans Being Completed
BANK AND STORE Cost, $100,000
BURLINGAME, San Mateo Co., Cal.
One - story reinforced concrete bank and store building.
Owner—San Francisco Bank, 526 California St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Bids will be asked in about 10 days.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. SE 20th Ave. and Taraval Street.
Alterations to bank building.
Owner—Capital Co., 625 Market St.
Plans by Construction Dept. of Owner
Contractor—Langfelder and Schuster, 280 Wawona Avenue.

Contract Awarded
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 786 Mission St.
Alterations to loft and store building.
Owner—F. S. Murphy, Phelan Bldg.
Architect—Chas. E. J. Rogers, Phelan Building.
Engineer—W. Adrian, 417 Market St.
Contractor—Thos. Jones, 643 29th Avenue.

SUB-BIDS WANTED
SAN FRANCISCO — MacDonald & Kahn, Financial Center Bldg., desire sub-bids on all portions of the work for the construction of the administration building at the San Francisco Airport for which bids will be opened May 13, 3 P. M., by the San Francisco Public Utilities Commission.
Plans prepared by the Airport Bureau, 425 Mason Street.

Contract Awarded.
ALTERATIONS Cost, $450
SAN JOSE, Santa Clara Co., Calif. No. 88 E. San Fernando Street.
Alterations to store building.
Owner—E. W. Briggs, 53 So. Second St., San Jose.
Architect—Not Given.
Contractor—George I. Thorp, 1080 So. Seventh St., San Jose.

Bid Opening Date Postponed Until May 11, 4:30 P. M.
SHED EXTENSION Cost, $85,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
Superstructure for extension to Transit Shed No. 2 (270-feet northerly extension) steel and concrete construction).
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner
Plans and specifications may be obtained from above office upon deposit of $25.00.
As previously reported, structural steel contract awarded to Herrick Iron Works, 1729 Campbell St., Oakland, at $15,240.

Sub-Contracts Awarded
STORES Cont. Price, $24,088
MARYSVILLE, Yuba Co., Cal. Third and D Streets.
Two-story brick store (3 stores).
Owner—Cheim Estate, Marysville.
Architect — Hyman and Appleton, 68 Post St., San Francisco.
Contractor—C. A. Otto, 823 12th St., Marysville.
Roofing—Ralph M. Palm, Marysville.
Plumbing—F. M. Booth, Marysville.
Electric Wiring—Syvertson and Sons, Marysville.
Sheet Metal—F. M. Booth, Marysville
Brick Work—Wess Mark, Yuba City.
Lathing and Plastering—Tom Bisset, Marysville.
Lumber—Union Lumber Co., Marysville.
Painting—R. K. Minchin, Marysville.
Terra Cotta—Gladding, McBean and Co., 660 Market St., San Francisco
Wrecking—Myers Roofing Ser., Marysville.

Sub-Contracts Awarded
ALTERATIONS Cost, $165,000
SAN FRANCISCO. Stockton and Market Streets.
Alterations and additions to a store building (440-ft. frontage) resurface exterior with glazed terra cotta, granite base, new display windows, fixtures, etc.
Owner—Roos Bros., Premises.
Architect—Bliss & Fairweather, Balboa Bldg., and Albert R. Williams Humboldt Bank Building.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Copper Flashing—Morrison & Co., 74 Duboce Avenue.
Fire Doors—Soule Steel Company, 1750 Army Street.
Glass Bricks — Vitrolite Const. Co., 1490 Mission Street.
Steel Windows — Michel and Pfeffer Iron Works, Harrison and Tenth.
Tile—W. S. Dickey Clay Mfg. Co., 116 New Montgomery Street.

ENGINEERS APPOINTED
SAN FRANCISCO—William P. Day, director of works for the San Francisco Bay Exposition, Inc., announces the following appointment for the 1939 World's Fair organization:
Chief Mechanical Engineer — William E. Leland, 58 Sutter St.
Chief Electrical Engineer — Earl F. English, 1201 Greenwich St.
Chief Water Supply and Sanitary Engineer—Chas. H. Lee, 58 Sutter.
Chief Specification Writer—Albert J. Evers, 525 Market St.

Plans Completed.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. No. 133 Geary St.
Alterations to Offices.
Owner—Filoli Inc., 320 Market St., San Francisco.
Architect—H. Howard, 580 Market St. San Francisco.
Structural Engineer—A. V. Saph, Rialto Bldg., San Francisco.

To Ask Bids Within One Week
MEDICAL-DENTAL BLDG. Cost, $20,000
MERCED, Merced Co., Calif. Nineteenth and M Streets.
One - story frame and stucco medico-dental building (5 doctors' suites) (California style of architecture).
Owner—Dr. Chester A. Moyle, Merced
Architect—Charles Butner, 630 Pajaro Street, Salinas.

Low Bidder.
OFFICE BLDG. Cost, $15,000
MARYSVILLE, Yuba Co., Cal. NW Fourth and Oak Streets
One-story brick office building.
Owner—Mr. Aaron
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Low Bidder—Chas. Unger, 2426 7th Ave., Sacramento

Contract Awarded.
STORE Cont. Price, $7700
SONOMA, Sonoma Co., Calif.
One-story reinforced concrete store bldg. (composition and tile roofing, wood floors, skylights, etc.)
Owner—F. Clewe.
Architect — Wm. Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—R. E. Murphy, Sonoma.
Complete bids follow:
R. E. Murphy.....$7700
R. C. Lang..... 7985
C. C. Bean..... 8480
All of Sonoma.

Contract Awarded
ALTERATIONS Cost, $5,500
SAN FRANCISCO, Calif., 257 Powell Street.
Alterations to restaurant.
Owner—E. M. Dunne, 237 Powell St.,
Architect—Not given.
Contractor — Mullen Mfg. Co., 60 Rausch Street.

Plans Being Prepared.
ALTERATIONS Cost, $20,000
SACRAMENTO, Sacramento Co., Cal. SE Eighth and K Streets.
Alterations to three - story building (terra cotta trim, glass work, air conditioning, painting, decorating, etc.)
Owner—Milens, Inc.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Bids will be asked shortly

17— THEATRES

Additional Sub-Contracts Awarded.
THEATRE Cost, $80,000
ALAMEDA, Alameda Co., Cal. Central and Park Avenues.
One-story reinforced concrete Class C theatre (to seat 1000).
Owner—A. E. Levin, George Oppen, et al, 745 Clement St., San Francisco.
Architect—S. Chas. Lee, 2404 W 7th St., Los Angeles.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.
Miscellaneous and Ornamental Iron—Monarch Iron Works, 262 7th St., San Francisco.
Roofing and Sheet Metal — Central Sheet Metal and Roofing Co., 3642 Ettie St., Oakland.
Other awards reported April 1.

Bids Wanted—To Close May 11, 10 A. M.
OPERA CHAIRS Cost, $——
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Opera chairs for Stanford Memorial Hall.
Owner—Stanford University.
Architect—Bakewell and Weihe, 251 Kearny St., San Francisco.
Following will submit bids:
American Seating Co., 207 Van Ness Ave., South, San Francisco.
Heywood Wakefield Co., 180 New Montgomery St., San Francisco.
General Seating Co., 160 Second St., San Francisco.
National Theatre Supply Co., 121 Golden Gate Ave., San Francisco.
Pacific Coast Theatre Supply Company, 250 Golden Gate Avenue, San Francisco.

19—MISC. CONSTRUCTION

BIDS WANTED
SAN MATEO, Cal.—Bids are being received by the Custodian, U. S. Post Office, San Mateo, for furnishing bicycle racks at the Post Office, San Mateo.

BIDS OPENED
NEWPORT BAY, Orange Co., Cal. —E. J. Allen, Balboa Island, at $256.-54, discount 2% 10 days, submitted the low bid to Lighthouse Service, Room 425, Custom House, San Francisco, H. W. Rhodes, Supt. of Lighthouses, under Bid No. N-20, for making connections between the Southern California Edison Company's poles at the Newport Bay Lights located at Balboa Island West End Light, South Channel Light, South Channel Light 2, and South Channel Light 4.
Saunders Electric Shop, Newport Beach, at $278.42, discount 5% 10 days, 3% 20 days and 2% 30 days, submitted the only other bid.

BIDS OPENED

NEWPORT BAY, Orange Co., Cal. —Parish Bros., 1222 N. Gower St., Los Angeles, at $1375 net, submitted low bid to the Lighthouse Service, Room 425 Custom House, San Francisco, H. W. Rhodes, Superintendent of Lighthouses, under Bid No. N-13, for construction of a reinforced concrete foundation slab at the site of Newport Bay East Jetty Light, Newport Bay.

Complete bids follow:

Parish Bros, Los Angeles, $1375; net.
Standard Dredging Co., Los Angeles, $1480; net.
George Hess, Los Angeles, $1489; ½% 10 days.
J. R. Lippincott, Los Angeles, $1700; net.
Newport Dredging Co., Wilmington, $2100; net.
Hull, Small & Robinson, Wilmington, $2270; 1% 10 days.
Hoagland Engineering & Constr. Co., Long Beach, $2385; net.

Bids held under advisement. *

BIDS OPENED

NEWPORT BAY, Orange Co., Cal. —Croft & Neville, 1906 Orange Ave., Costa Mesa, at $94.50, net, submitted low bid to the Lighthouse Service, Room 425, Custom House, San Francisco., H. W. Rhodes, Superintendent of Lighthouses, under Bid No. N-19, for driving four 60-ft. creosoted piles in Newport Bay.

Creosoted piles will be furnished by the Lighthouse Service to contractor f.o.b. wharf at Newport Bay, accessible to Lighthouse tender's tackle.

Newport Dredging Co., Wilmington, at $144, net, submitted the only other bid. *

BIDS WANTED

SACRAMENTO, Cal.—Until May 14, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing and installing a complete traffic control signal system.

Specifications obtainable from above office.

TO ASK BIDS

WEST LOS ANGELES, Calif.—Engineer J. A. Barlow, 10,260 Orton Ave. West Los Angeles, has completed the plans and will take bids in about two weeks from a selected list of general contractors for a new sound stage to be built at 10,260 Orton Ave., West Los Angeles, for 20th Century-Fox Film Corp. The stage will be 135x212 feet in area; composition roofing, wood floors, metal - covered doors, steel roof trusses, steel frame, metal lath and plaster, sound deadening, sheet metal work, toilets, automatic storage water heater, wood filler studs, heating and ventilating system, etc. Cost, $350,000.

BIDS WANTED

PORTLAND, Ore.—Until May 12, 3 P. M., bids will be received by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Bid No. 698-36-386, for drydocking, cleaning, painting, and repairing the U. S. seagoing hopper dredge "Clatsop."

Specifications obtainable from above office

Sub-Contracts Awarded

ORPHANAGE Cost, $65,000
SAN FRANCISCO, SE Geary and Laguna Streets.
Three-story frame and stucco orphanage.
Owner—Salvation Army, 115 Valencia Street (Japanese Division).
Architect—D. D. Stone, 110 Sutter St.
Structural Engineers—F. W. Kellberg 320 Market Street.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Reinforcing Steel — Bethlehem Steel Co., 20th and Illinois Streets.
Plumbing—Higgins & Kraus, 741 Tehama Street.
Structural Steel—Western Iron W'ks, 141 Beale Street.
Electric—Chas. Langlais, 472 Tehama.
Concrete—Golden Gate Atlas Materials Co., 16th and Harrison Sts.
Lumber—J. H. McCallum, Bryant and and Oak Grove Streets.

CONTRACT AWARDED

SAN FRANCISCO.—Harold R. Fish & Co., foot of 19th Ave., Oakland, at $295.75 awarded contract by the U. S. Engineer Office, 401 Custom House, San Francisco, Lieut. Col. J. A. Dorst, District Engineer, under Proposal No. 868-36-25, for drydocking, painting, and repairing the U. S. District motor boat "H. L. Demeritt."

Correction in Contractor's Address.

RADIO STATION Cost, $25,000
SAN MATEO CO., Cal. Skyline Blvd. near San Mateo-Half Moon Bay Road.
One-story and basement concrete or hollow tile radio receiving station.
Owner—Globe Wireless Company, 311 California Street, San Francisco, (Jack Kaufman, general manager)
Architect — Miss Julia Morgan, Merchants Exchange Bldg., San Francisco.
Contractor — W. C. Tait, Room 208, 883 Market St., San Francisco.

BIDS WANTED

ALCATRAZ ISLAND, Calif.—Until May 19, 2 P. M., bids will be received by the Bureau of Prisons, Alcatraz Penitentiary, at Room 214, Post Office Bldg., San Francisco, for furnishing and installing an electric siren at Alcatraz Island.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

OAKLAND, Cal. — Following bids received by the East Bay Municipal Utility District, John Kimball, Secretary, under Informal Proposal No. 703, for furnishing 10,000 lbs. of electric welding electrodes:

Identical bids at $950 submitted by: Castle & Co., Air Reduction Sales Co., Stuart Oxygen Co. and Harnsichfeger Sales Corp.

Lincoln Electric Co., $951.50.
John Roebling's Sons Co., $960.
Bids held under advisement. *

BIDS OPENED

OAKLAND, Cal. — Johns-Manville Sales Co., 1605 Jefferson St., Oakland, at $4990 submitted only bid to the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L.S. 171, for furnishing 5000 lin. ft. 8-in. diam. asbestos cement water pipe. *

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing steel sheet piling for use on the Los Angeles county flood control projects fob cars bidder's mill; Circ. Prop. No. 616, were opened by the U. S. Engineer May 1.

The items were:

(1) 220,320.0 lb. piling (Arch Web type, No. 22 per sq. ft. of wall);
(2) 2,087.6 lb. corner piling, rolled, fingers turned out, bent with interior angle of 135 deg.-0-ft.;
(3) 2,087.6 lb. copper piling, rolled, fingers turned in, bent with interior angle of 135 deg.-0-ft.;
(4) 1,043.8 lb. corner piling, rolled fingers turned out, bent with interior angle of 128 deg.-44-ft.;
(5) 1,043.8 lb. corner piling, rolled, fingers turned in, bent with interior angle of 141 leg.-16-ft.;
(6) 1,043.8 lb. corner piling, rolled, fingers turned out, bent with interior angle of 141 deg.-16-ft.;
(7) 1,043.8 lb. corner piling, rolled, fingers turned in, bent with interior angle of 128 deg.-44-ft.;
(8) 4,175.2 lb. corner piling, rolled, fingers turned out, bent with interior angle of 131 deg.-59-ft.;
(9) 4,175.2 lb. corner piling, rolled, fingers turned in, bent with interior angle of 138 deg.-01-ft.;
(10) 4,175.2 lbs. corner piling, rolled, fingers turned in, bent with interior angle of 118 deg.-18-ft.;
(11) 2,087.6 lb. corner piling, rolled, fingers turned out, bent with interior angle of 151 deg.-42-ft.;
(12) 2,924.0 lb. corner piling, fabricated with one finger in and one finger out, bent with interior angle of 151 deg.-42-ft. *

The bids were:

Columbia Steel Co., (per cwt.): (1) $3.27; (2) $3.52; (3) $3.52; (4) $4.02; (5) $3.52; (6) $3.52; (7) $4.02; (8) $4.02 (9) $3.52; (10) $4.02; (11)$3.52; (12) $4.02; fob Los Angeles; shipping points South Chicago, Ill., or Munhall, Pa.; discount, ½ of 1% 10 days; freight allowance from South Chicago, $1.02 per cwt., from Munhall, $1.17.

Bethlehem Steel Co. (per lb.): (1) $.0266; (2) $.0291; (3) $.0291; (4) $.0341; (5) $.0291; (6) $.0291; (7) $.0341; (8) $.0341; (9) $.0291; (10) $.0341; (11) $.0341; (12) $.0341; fob Culver City; shipping point, Lackawanna, Buffalo, N. Y.; cash discount, ½ of 1% 10 days on basing point values as follows: (1) $.026; (2) $.0285; (3) $.0285; (4) $.0335; (5) $.0285; (6) $.0285; (7) $.0335; (8) $.0335; (9) $.0285; (10) $.0335; (11) $.0285; (12) $.0335. 20

BIDS OPENED

SONOMA AND MARIN COUNTIES, Calif.—Rock & Gravel Truck Co., 1757 4th Ave., Oakland, at $1.52 per hour submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of two 1½ c.y. trucks for approximately 1000 hours, to be used in Sonoma and Marin Counties.

Complete bids follow:

Rock & Gravel Truck Co., Oakland, $1.52.
A. L. Green, Oakland, $1.61.

Identical bids at $1.62 per hour submitted by: A. V. Wallgren, S. F.; B. Israel, Sacramento; K. F. Dowdy, S. F.; Joe Cunha, Hayward; E. Barbettini, S. F.; G. D. Westover, Hayward; Wm. Motta, Oakland; Joseph Horgan, S. F.; O. DeShon, Hayward; and Fae Ericson, S. F.

L. A. Herlyck, Pasadena, $1.67.

Identical bids at $1.71 submitted by Asphalt Pave. Plane Co., Oakland, and G. D. Prentice, Oakland.

Identical bids at $1.72 submitted by: W. Ryals, Pasadena; R. S. LaMars, Pasadena; J. B. McBurney, Pasadena; Kruze & Cox Truck Co., Healdsburg; Bruno Skibo, Oakland.

Portola Truck Service, S. F., $1.785.
N. P. Van Vankenburgh, Los Angeles, $1.80.

Identical bids at $1.82 submitted by C. Mankel, Sacramento; Robinson & Rulofson, Healdsburg; Fae Ericson, S. F.; Kruze & Cox Truck Co., Healdsburg, and Paul O. Nelson, Redwood City.

D. M. Fahey, Daly City, $1.96.
James T. Thornton, Fairfax, $2.07.

CONTRACT AWARDED

LOS ANGELES, Cal.—Union Lumber Co., Crocker Bldg., San Francisco at $1594.37 fob Parker, awarded contract by the U. S. Indian Irrigation Service for furnishing 28,500 FBM of redwood under Bid No. 0231.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN JOAQUIN COUNTY

STOCKTON, San Joaquin Co., Cal. —Until May 13, 5 P. M., (to be opened at 8 P. M.) bids will be received by the Stockton City Council, B. L. Trahern, City Clerk, for furnishing one motor-driven road grader.

Specifications obtainable from above office.

STOCKTON, San Joaquin Co., Cal. —Until May 13, 5 P. M., (to be opened at 8 P. M.) bids will be received by the Stockton City Council, B. L. Trahern, City Clerk, for furnishing 4,301 tons of cementic road gravel.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL. — Until May 14, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3142, for furnishing equipment for oxy-acteylene plant, including oxygen compressor, acetylene compressor, acetylene generators, electrolytic cells, insulating material, and oxygen cylinders.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL.—Until May 29, bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schelule 3144, for furnishing 20,000 bbls. of Portland cement.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

WAR DEPARTMENT

SAN FRANCISCO.—Until May 11, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. ER-868-36-16, for furnishing 252 FBM redwood lumber, 3319 FBM pine lumber, 62 sheets corrugated galvanized iron, 15 lbs. galvanized nails, and 4 wood window sashes.

Delivery fob Pier 3½, San Francisco waterfront.

Specifications obtainable from above office.

FORT MASON, Calif.—Until May 12, 2 p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-290, for furnishing miscellaneous supplies including linseed oil, enamel, paints, red lead, white lead, zinc-oxide, paint and varnish remover, spar varnish, etc.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until May 11, 9 a.m., bids will be received by Lieut. G. W. Tripp, Purchasing and Contracting Officer, Sacramento District CCC, 16th and North B St., Sacramento, under Bid No. 5911-36-76, for furnishing construction materials for CCC camps, including lumber, plumbing and sheet metal, cement, electric materials, and prepared roofing paper.

Specifications obtainable from the above office and on file at the office of DAILY PACIFIC BUILDER.

SACRAMENTO, Calif.—Until May 19, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for the sale of the survey boat "H. Wadsworth," propellers, and miscellaneous equipment, now located at Newport Beach.

Information obtainabale from the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles.

SACRAMENTO, Cal.—Until May 14, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-36-242, for furnishing and delivering miscellaneous castings, etc., as follows:

(1) 1 Dredge cutter.
(2) 4 Clutch disc "A".
(3) 5 rough iron castings.
(4) 1 20-in. check valve.
(5) 1 extension bracket bed plate.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

RECLAMATION BUREAU

HEBER, Utah.—Until May 20, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 789-D, for furnishing and delivering fob cars at the shipping point and/or Heber, two automatic radial gates and one gate float-well intake pipe for installation at the Moon Lake Dam, Moon Lake Project, Utah. The materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bond fide bidders; to others, $1.25 not returnable.

CLE ELUM, Wash.—Until May 28, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 792-D, for furnishing and delivering fob cars at the shipping point and/or Cle Elum, five 37x 17-ft. radial gates for installation in the spillway at the Cle Elum Dam, Yakima Project, Wash. The gates will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders: to others, $.75 not returnable.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

GEAR and pinions for main reduction gear, and spare; Mare Island. Sch. 900-9537; May 8.

LUMBER, 15,000 ft. b.m. whit ash; Mare Island. Sch. 7801; May 12.

COCKS, faucets and valves; Mare Island and Puget Sound. Sch. 7771; May 12.

REFRIGERATORS, 18 portable electric, and spares; Mare Island Sch. 7779; May 15.

BLADES, hacksaw; Mare Island. Sch. 7800; May 15.

LATHE, motor-driven engine; Mare Island. Sch. 7802; May 15.

LUMBER, 20,000 ft. b.m. flooring lumber and 20,000 ft. b.m. timber; Mare Island. Sch. 7806; May 15.

MACHINES, 10 electrically operated floor polishing and scrubbing; Mare Island. Sch. 7809; May 19.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

TRESASURY DEPARTMENT

SAN FRANCISCO—Bids will be received by the Procurement Division, Treasury Department, Room 514 49 Fourth St., San Francisco, for furnishing materials for use on WPA prjects, as follows:

May 9, 10 A. M.

BID NO. 1546: 400 cu. yds. cinders; f.o.b. Palo Alto Union High School Athletic Field.

BID NO. 1549: 930 ft. galvanized perforated metal pipe and 44 band couplings; f.o.b. Southern Pacific Tracks, Chico.

May 11, 10 A. M.

BID NO. 1537: Rental of 4-in. vertical singink pump equipment, electrically driven, f.o.b. jobsite, Alameda County and vicinity.

BID NO. 1538: Rental of 60-h.p. Caterpillar type tractor, with bulldozer and 6 cu. yds. hydraulic carryall type scraper and scarifier; f.o.b. jobsite, Alameda County and vicinity.

BID NO. 1541: Rental of 6 cylinder motor roller, 10-ton minimum; f.o. b. jobsite, San Francisco County and vicinity.

BID NO. 1552: 250 ft. corrugated metal galvanized culvert and 28 band couplers; f.o.b. Preston.

Specifications obtainable from the above office.

ARIZONA STATE

PHOENIX, Ariz.—Until May 11, 10:30 A. M., bids will be received by the Board of Directors of State Institutions, State House, Phoenix, for furnishing materials as follows:

15,000 lbs. ⅝-in. round deformed reinforcing steel, 20 ft. lengths.
23,600 lbs. ½-in. round deformed reinforced steel, 60-ft. lengths.
100,000 lbs. ¾-in. round deformed steel 60-ft. lengths.
35,400 lbs. ⅞-in. round deformed reinforcing steel, 60-ft. lengths.
10 rolls 84-in. wide, approx. 200 lin. ft. per roll, ungalvanized welded wire reinforcing mesh. Specifications as follows:

Spacing of wires: 4-in. longitudinal 4/gauge; 16-in. transverse 9/gauge.

Weight 48 lbs. per 100 sq. ft.

Pittsburgh No. BII 49 or equal.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal. — Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

May 11, 2 P. M.

BID NO. 3479: 400 electric headlights, complete except batteries, 3 cell type; f.o.b. bidder's shipping point and/or Government Island.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until May 28, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete girder bridge across Rio Hondo, two miles west of El Monte, in Los Angeles County, consisting of nine 67-ft. spans and two 26-ft. spans.

The work involves:

(1) 1 only existing bridge to be removed and disposed of;
(2) 60 M. gals. water;
(3) 500 c.y. rdwy. excav., unclass.;
(4) 2600 c.y. structure excavation;
(5) 5600 c.y. imported borrow;
(6) 65 tons liquid asphalt, SC-2 (road-mix surface treatment);
(7) 5000 s.y. preparing, mixing and shaping roadbed;
(8) 132 c.y. Class "A" Portland cement concrete (pavement);
(9) 225 each pavement dowels;
(10) 710,000 lbs. bar reinf. steel;
(11) 3115 c.y. Class "A" Portland cement concrete (struc.);
(12) 5727 l.f. concrete piles cast in place;
(13) 1650 c.y. light riprap;
(14) 150 l.f. temporary 36-inch corru. metal pipe;
(15) 25 c.y. Class "A" Portland cement concrete (curbs and gutters);
(16) 1270 l.f. steel railing;
(17) 150 each, guide posts;
(18) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

SACRAMENTO CO., Calif. — Until May 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for construction of an overhead crossing over the tracks of the Southern Pacific Railroad at Jibboom Street in the City of Sacramento.

The work involves:

(1) 20 M. gallons water;
(2) 1,250 c.y. structure excavation;
(3) 1,500 c.y. imported borrow;
(4) 700 s.y. subgrade for pavement;
(5) 90 c.y. Class A Portland cement concrete (pavement);
(6) 350 each, pavement dowels;
(7) 200,000 lbs. bar reinf. steel;
(8) 1,535 c.y. Class A Portland cement concrete (structures);
(9) 870,000 lbs. carbon struc. steel;
(10) 64,000 lbs. silicon struc. steel;
(11) 15,900 lbs. cast steel;
(12) 2,190 l.f. pipe hand railing;
(13) 15,130 lin. ft. furnishing treated Douglas fir piles, including test piles;
(11) 301 each, driving treated Douglas fir piles, inc. test piles;
(15) 70 c.y. Class A Portland cement concrete (curbs, gutters, and sidewalks);
(16) 1 lot lighting equipment;
(17) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville. *

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until May 28, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for construction of an undergrade crossing under the tracks of the Atchison, Topeka & Santa Fe Railway in Los Angeles County at Rivera on San Gabriel Blvd.

The work involves:

(1) 23 stations clearing and grubbing
(2) 200 M. gallons water;
(3) 44,000 c.y. rdwy. excav.;
(4) 2,400 c.y. struc. excav.;
(5) 500 c.y. ditch and channel excav.
(6) 8,500 s.y. subgrade for pavement;
(7) 20 tons liquid asphalt, 90-95 (subgrade treatment);
(8) 23 stations finishing roadway;
(9) 830 tons mineral aggregate (plant mixed surfacing);
(10) 45 tons liquid asphalt, MC-5 or MC-extra heavy (do);
(11) 4 tons liquid asph., MC-2 (prime coat);
(12) 1,700 c.y. Class "A" Portland cement concrete (pavement);
(13) 106,000 lbs. bar reinforcing steel (pavement and structures);
(14) 3,500 each, pavement dowels;
(15) 830 c.y. Class "A" Portland cement concrete (structures);
(16) 26 c.y. do (railing);
(17) 303,000 pounds structural steel;
(18) 450 c.y. Class "A" Portland cement concrete (slope paving);
(19) 110 l.f. 24-in. reinf. concrete pipe;
(20) 48 l.f. 18-in. corru. metal pipe;
(21) 1,000 l.f. 8-in. perf. metal pipe (underdrains);
(22) 54 c.y. rock filling material (underdrains);
(23) 530 c.y. Class "A" Portland cement concrete (curbs, gutters, and sidewalks);
(24) 40 l.f. solid timber guard rail;
(25) 6,200 lbs. misc. iron and steel;
(26) 1 only 24-in. steel pipe siphon;
(27) 106 l.f. copper strips;
(28) 1,170 c.y. asphalt concrete pavement to be removed and disposed of;
(29) 1 lot waterproofing;
(30) 1 lot pumping equipment;
(31) 1 lot electrical equipment;
(32) 1 lot misc. items of work.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles. *

CONTRACT AWARDED

COCHISE COUNTY, Ariz.—Vinson & Pringle, 919 E Madison St., Phoenix, at $38,839 submitted low bid to the Arizona State Highway Commission, Phoenix, for construction of the White Water Creek bridge on the Benson-Douglas Highway F. A. 79-J. Sched. 2, AFE 8058. The work, which is located about 1.4 miles west of Douglas at White Water Creek, consists of removal of existing concrete bridge, the construction of a new concrete and steel bridge and the construction and removal of a temporary wooden detour bridge, and is to be completed on or before Dec. 31, 1936.

The principal items and approximate quantities are:

12,700 c.y. drainage excavation;
370 c.y. structural excavation;
510 c.y. Class A concrete;
77,000 lbs. reinforcing steel;
161,500 lbs. structural steel;
780 l.f. steel piles (H-column);
24 each driving piles (steel H-column);
2,100 l.f. steel piles (sheet piling);
132 each driving piles (steel sheet piling);
224 sq. yds. furnishing and placing oil mix;
500 gals. SC-2 road oil;
256 l.f. road guard;
lump sum, removal of old concrete bridge;
lump sum, wooden detour bridge (CIP, and remove).

J. A. Casson, Phoenix, submitted the second low bid at $41,949.

BIDS OPENED

PLACER COUNTY, Calif. — M. A. Jenkins, 3560 Y St., Sacramento, at $11,529 submitted low bid to Placer County Board of Supervisors, Court House, Auburn, for construction of a steel span on steel pile foundations with wood deck, over Coon Creek, about 6½ miles north of Lincoln, and for construction of a steel span on steel pile foundations with concrete floors over Dry Creek on Douglas St., near Roseville.

The Coon Creek will be 85-ft. long with an 18-ft. roadway, and the Dry Creek bridge will be 70-ft. long with a 20-ft. roadway and 5-ft. sidewalks.

Complete bids follow:

M. A. Jenkins, Sacramento.....$11,529
Lord & Bishop, Sacramento..... 11,800
John C. O'Leary, San Francisco 13,079
A. Shattuck 13,159

Bids held under advisement.

W. E. Emmett, engineer, Sharon Bldg., San Francisco. *

CONTRACT AWARDED

LOS ANGELES, Calif. — Bethlehem Steel Co., Slauson Ave. and Downey Road, Los Angeles, has been awarded the contract by the Metropolitan Water District at $8449 for furnishing and erecting one steel head frame and trestle at the site of the Lawrence Adit of the San Jacinto Tunnel, near the town of Banning, Riverside Co.; Spec. No. 152. The proposed structure has an estimated weight of 85,000 pounds.

LOW BIDDER

SAN BENITO COUNTY, Cal.—Lord & Bishop, Native Sons Bldg., Sacramento, at $3,850 submitted low bid to

the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for salvaging an existing 120-ft. bridge from Pacheco Creek and erecting it at San Benito River, and salvaging the existing 100-ft. San Benito River bridge.

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until May 28, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for construction of an overhead crossing over the tracks of the Atchison, Topeka and Santa Fe Railway at Palm Ave., about 3 miles south of Colton, San Bernardino County, and grading and paving with plant-mixed surfacing the approaches.

The work involves:
(1) 30 M. gals. water;
(2) 250 c.y. structure excavation;
(3) 3,200 c.y. rdwy. excavation;
(4) 6 stations finishing roadway;
(5) 280 tons crusher run base;
(6) 167 tons mineral aggregate (plant mixed surfacing);
(7) 9 tons liquid asphalt, MC-5 or MC-extra heavy (plant - mixed surfacing);
(8) 1 ton liquid asphalt ,SC-2 (prime coat);
(9) 1 ton liquid asphalt, MC-3 (seal coat);
(10) 8 tons of stone screenings (seal coat);
(11) 495 c.y. Class "A" Portland cement concrete (structure);
(12) 93,000 lbs. bar reinf. steel;
(13) 322 l.f. steel railing;
(14) 484 l.f. laminated guard railing;
(15) 1 only existing siphon to be removed and reset;
(16) 1 only existing bridge to be removed and disposed of;
(17) 710 s.y. existing asphalt pavement to be removed & disposed of;
(18) 95 c.y. existing concrete structure to be removed and disposed of;
(19) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineers in San Francisco, Los Angeles and San Bernardino.

BIDS OPENED

SAN FRANCISCO—Sibley Grading & Teaming Co., Ltd., 165 Landers St., San Francisco, at $54,555 submitted low bid to the Department of Public Works, City Hall, under Spec. No 18,932 for construction of the Harrison Street viaduct over Beale St.

Work includes removing the steel and reinforced concrete span at Beale and Harrison streets, modification of existing reinforced concrete abutments and construction of a new reinforced concrete viaduct.

The work will involve:
(1) 210,000 lbs. removing existing steelwork.
(2) 220 c.y. removing existing reinforced concrete.
(3) 3,100 c.y. excavation, including backfill, grading, etc.
(4) 48 c.y. Class A concrete.
(5) 1,410 c.y. Class B concrete.
(6) 15 c.y. gunite, including reinforcing and anchorage.
(7) 264,000 lbs. reinforcing steel.
(8) One brick manhole with cast iron frame and cover (including 2 covers on bridge deck).
(9) 105 l.f. 12-in. cast iron pipe sewer.
(10) 20 l.f. 12-in. vitrified clay pipe.
(11) Lump sum, electrical work.
(12) Lump sum, miscellaneous work, including grilles, pipe railing, etc.

Complete bids follow:

Sibley Grading & Teaming Co.	$54,555
Reed & Reed	55,660
M. J. Lynch	57,000
M. B. McGowan, Inc.	57,981
Healy-Tibbitts Constr. Co.	58,318
C. C. W. & H. H. Haun	60,850
F. C. Amoroso & Sons	63,313
MacDonald & Kahn Co., Ltd.	63,936

Bids held under advisement.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

LOS ANGELES, Cal.—Until May 25, 2 P. M., bids will be received by the Los Angeles County Supervisors, 501 Hall of Records, for the excavation of a training channel in San Jose Creek from Hacienda Blvd. upsteram to Rowland Road, involving:
(1) 84,000 cu. yds. excavation.

Plans may be seen at the office of the Board of Supervisors and copies may be obtained from the office of the Chief Engineer, C. H. Rowell, 205 S. Broadway. Mame B. Beatty, Clerk of the Board, 501 Hall of Records.

CONTRACT AWARDED

SAN PEDRO, Cal.—Hull, Smale & Robinson, 1300 W B St., Wilmington, at $1040 awarded contract by the Bureau of Yards and Docks, for laying fixed moorings at Berths A2 and A3 at the 11th Naval District, Los Angeles Harbor, San Pedro. Spec. No. 8180. The bids were opened April 14.

CONTEMPLATED

MARE ISLAND, Cal.—Included in the naval appropriations bill recently passed by the House of Representatives is $150,000 for preparation of site, preliminary test pits, cofferdam, and other incidental preliminary work toward construction of a graving dock, services and auxiliary construction at Mare Island.

The proposed new dock will be located south of Cradle No. 2 at Mare Island and will be of the cruiser type, capable of docking ships of the 10,000-ton cruiser class. Total cost is estimated at $3,500,000.

23—IRRIGATION PROJ.

BIDS WANTED

OWYHEE PROJ., Oregon-Idaho.—Until May 20, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, R. J. Newell, Construction Engineer, under Spec. No. 790-D, for construction of structures, North Canal laterals, N. C. 43.2 system, Dead Ox Flat division, Owyhee project, Oregon-Idaho.

The work is located near Ontario, and the principal items of work involved are:
(1) 2,250 c.y. of all classes of excavation for structures;
(2) 1,000 c.y. backfill;
(3) 820 c.y. concrete in structures;
(4) 1,000 sq. yds. dry-rock paving;
(5) Placing 62,000 lbs. of reinf. bars;
(6) Laying 420 l.f. 15- and 18-in. dia. concrete pipe;
(7) Installing 3,000 lbs. of gates and gate hoists.

Work shall be commenced within 30 calendar days and completed within 150 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Ontario, or Denver, Colo., without charge to prospective bidders; to others, $2.75, not returnable.

BIDS WANTED

OWYHEE PROJ., Oregon-Idaho.—Until May 21, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, R. J. Newell, Construction Engineer, under Spec. No. 791-D, for construction of structures, North Canal laterals, 45.4 to 49.4-0.4, Dead Ox Flat division, Owyhee Project, Oregon-Idaho.

The work is located near Ontario, and the principal items of work involved are:
(1) 1,850 c.y. of all classes of excavation for structures;
(2) 2,100 c.y. backfill;
(3) 540 c.y. concrete in structures;
(4) 1,500 sq. yds. dry-rock paving;
(5) Placing 28,500 lbs. of reinforcement bars;
(6) Laying 1,760 l.f. 15- to 36-in. dia. concrete pipe;
(7) Installing 8,500 lbs. of gates and gate hoists;
(8) Erecting 2.0 MFBM of timber in structures.

Work shall be commenced within 30 calendar days and completed within 150 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Ontario, or Denver, Colo., without charge to prospective bidders; to others, $2.75, not returnable.

LOW BIDDER

FRENCHTOWN PROJ., Montana.—Ralph Davis, Connor, Mont., at $47,467 submitted low bid to the Bureau of Reclamation, Missolua, Mont., J. W. Taylor, Resident Engineer, under Spec. No. 679, for construction of structures and canal lining for Main Canal and earthwork and structures for laterals and O'Keefe wasteway, Frenchtown Project near Missoula.

24—STREET LIGHTING

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif. Roy M. Butcher, 1020 Sherwood Ave., San Jose, at $2,538 submitted low bid and awarded contract by the San Jose City Council for construction of ornamental electroliers on San Carlos St. between Market Street and Almaden Avenue.

Complete bids follow:

Roy M. Butcher, San Jose	$2,538
Gilbert Bros. Elec. Co., San Jose	2,589
Underground Const. Co., Berkeley	2,728

24

25—MACHINERY AND EQUIPMENT

BIDS REJECTED

MESA, Ariz.—All bids received by the Bureau of Reclamation, Denver, March 16, under Spec. No. 671, for furnishing one vertical shaft, 11,500-h.p., 214-rpm. hydraulic turbine or a new plate-steel scroll case, speed ring and draft-tube liner for the 11,500-hp. S. Morgan Smith Co. vertical shaft hydraulic turbine now installed in the power plant, and one 102-in. dia. butterfly valve with operating mechanism, for installation in the Mormon Flat power plant of the Salt River Project, have been rejected.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

PINAL COUNTY, Arizona.—Tiffany Const. Co., Flagstaff, at $117,178 was awarded contract by Arizona State Highway Commission, Phoenix, for highway construction on Mesa-Superior Highway, WPH 7. The work, which extends from Florence-Superior Highway Junction northwesterly about 3.9 miles, consisting of grading and draining over a new location, and is to be completed on or before Dec. 31, 1936.

NOTICE TO BIDDERS

RIVERSIDE COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in Riverside Co.,

about 2.2 miles west of Indio, road XI-Riv-26-E, for which bids are to be received in Los Angeles on May 21.

Said representative will meet prospective bidders at the bridge site on Wednesday, May 13, at 1 P. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

BIDS WANTED

ESMERALDA CO., Nevada.—Until May 15, 2:30 P. M., bids will be received by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Heroes Memorial Bldg. Carson City, for the construction of a portion of the State Highway system in Esmeralda County, from Blair Junction to a point approximately 10 miles south, Route 47, Section A, a length of approximately 9.82 miles.

The Work involves:

(1) 51,100 c.y. rdwy. excav.;
(2) 40,160 yd. ta. overhaul;
(3) 5,837 c.y. select borrow;
(4) 900 c.y. struc. excav.;
(5) 9.82 miles subgrade;
(6) 9.82 miles finish rdwy.;
(7) 32,200 tons crushed stone or gravel surface;
(8) 24 c.y. Class A concrete;
(9) 35 c.y. Class B concrete;
(10) 3,400 lbs. reinforcing steel;
(11) 694 l.f. 18-in. corru. metal pipe (dipped);
(12) 390 l.f. 24-in. corru. metal pipe (dipped);
(13) 220 c.y. cement rubble masonry;
(14) 24 each monuments;
(15) lump sum, railroad crossing;
(16) 4,425 c.y. imported borrow.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

CONTRACT AWARDED

NAVAJO and Apache Cos., Ariz.—Lee Moor Contr. Co., 807 Bassett Tower Bldg., El Paso, Texas, at $64,938 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Holbrook-St. Johns Highway WPH 6-B, AFE 2658. The work, which is located about 40 miles southeast of Holbrook, extends from the south end of project WPH 6-A southerly for a distance of three miles and consists of grading, draining and furnishing and placing of aggregate base course and asphaltic surface treatment, and is to be completed on or before September 15, 1936.

The principal items and approximate quantities:

36,000 cu. yds. roadway excav.;
4,300 cu. yds. drainage excav.;
1,000 cu. yds. structural excav.;
24,200 cu. yds. imported borrow;
26,700 cu. yds. mi. imp. bor. haul;
7,000 tone aggregate base course;
434 cu. yds. concrete;
35,900 lbs. reinforcing steel;
464 lin. ft. C. M. pipe (3 sizes);
26 M.B.M. treated timber;
1 M.B.M. untreated timber;
396 lin. ft. treated timber piles;
30 each placing piles in framed bents;
31,800 lin. ft. line fence;
400 hours rolling;
800 M. gals. sprinkling;
10,400 cu. yds. stripping pits;
25,000 gal. SC-2 road oil;
and other incidental items.

Pearson and Dickerson, Prescott, Ariz., submitted the second low bid at $65,479.

CONTRACT AWARDED

SAN BERNARDINO CO., Cal.—Geo. Herz & Co., P. O. Box 191, San Bernardino, at $3,826.50 awarded contract by the State Highway Commission, Sacramento, for the construction of a timber sidewalk at Barstow, San Bernardino County.

CONTRACT AWARDED

SIERRA & NEVADA COUNTIES, Cal.—Edward F. Hilliard, 1355 43rd St., Sacramento, at $10,297 awarded contract by the State Highway Commission, Sacramento, for applying penetration oil treatment on about 48.2 miles in Sierra and Nevada Counties, between Downieville and Route 83, between 7.1 miles north of Truckee and 5.7 miles north of Nevada-Sierra County Line, and bet. Sierraville and Calpine.

CONTRACT AWARDED

INYO COUNTY, Cal.—Regal Oil Co. 2305 Orange Ave., Long Beach, at $1106 awarded contract by the State Highway Commission, Sacramento, for furnishing and applying liquid asphalt to the existing roadbed on about 7 miles in Inyo County, between east end of Cedar Flat and Deep Springs Valley, involving 100 tons of liquid asphalt, SC-2 in place.

CONTRACT AWARDED

KERN COUNTY, Cal.—L. A. Brisco, Arroyo Grande, at $3900 awarded contract by the State Highway Commission, Sacramento, for applying roadmix surface treatment to existing shoulders on about 11.4 miles in Kern County, between 5 miles east of Hart Station and two miles west of Wasco.

BIDS OPENED

CONTRA COSTA COUNTY, Cal.—Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at $306,236.50 submitted low bid to the State Highway Commission, Sacramento, for about 3.2 miles grading and surfacing with plant-mixed surfacing on crusher run base, in Contra Costa County, bet. the Broadway Tunnel and two miles west of Lafayette.

The work involves:

(1) 171 sta. clearing and grubbing right of way;
(2) 2,700 M. gals. water;
(3) 512,000 c.y. rdwy. excav., unclassified;
(4) 1,350 c.y. ditch and channel excavation;
(5) 2,400,000 sta. yd. overhaul;
(6) 7,600 c.y. struc. excavation;
(7) 50 c.y. existing concrete removed and disposed of;
(8) 171 sta. finishing rdwy.;
(9) 25,300 tons crusher run base;
(10) 12,400 tons mineral agg. (plant-mixed surfacing);
(11) 480 tons liquid asphalt MC-4 or MC-extra heavy (do);
(12) 78 tons liquid asph. MC-2 (prime coat, plant-mixed surf.);
(13) 53 tons liquid asphalt MC-3 (seal coat);
(14) 555 tons screenings (do);
(15) 37 tons liquid asph. SC-1A (shoulders);
(16) 25 tons liquid asphalt SC-2 (do);
(17) 156,000 pounds bar reinf. steel (struc.);
(18) 1,550 c.y. Class A Portland cement conc. (struc.);
(19) 260 c.y. rubble masonry;
(20) 1,300 l.f. 8-in. CMP;
(21) 200 l.f. 12-in. CMP;
(22) 480 l.f. 15-in. CMP;
(23) 1,900 l.f. 18-in. CMP;
(24) 446 l.f. 24-in. CMP;
(25) 240 l.f. 60-in. CMP 8 gauge;
(26) 188 l.f. 60-in. CMP 10 gauge;
(27) 276 l.f. 72-in. CMP 8 gauge;
(28) 6,400 l.f. 8-in. perf. metal pipe underdrains;
(29) 850 c.y. rock filling material (underdrains);
(30) 420 l.f. existing culverts cleaned and salvaged;
(31) 350 l.f. existing culverts cleaned and relaid;
(32) 23 each spillway assemblies;
(33) 120 each culvert markers;
(34) 400 each guide posts;
(35) 6.5 miles new property fences;
(36) 6 each drive gates;
(37) 2 each manhole frames and covers;
(38) 1 only existing bridge to be removed;
(39) 115 each monuments complete in place.

Total bids follow:

(A) Granfield-Farrar & Carlin, San Francisco, $306,236.50.
(B) A. Teichert & Son, Inc., Sacramento, $325,917.90.
(C) Union Paving Co., San Francisco $348,801.50.
(D) George Pollock Co., Sacramento, $397,232.30.
(E) Heafey-Moore Co., Oakland, $432-589.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$60.00	$60.00	$70.00	$150.00	$50.00
(2)	1.00	1.00	1.00	1.00	3.00
(3)	.24	.26	.33	.35	.40
(4)	1.25	.75	1.00	2.50	3.00
(5)	.005	.005	.002	.005	.005
(6)	1.50	1.25	1.50	2.50	3.00
(7)	2.00	4.00	10.00	5.00	5.00
(8)	7.00	5.00	5.00	10.00	7.50
(9)	1.65	1.64	1.25	1.75	2.00
(10)	1.75	1.78	1.50	2.50	2.50
(11)	18.60	17.50	20.00	18.00	14.00
(12)	18.60	22.00	20.00	19.00	20.00
(13)	18.60	22.00	20.00	19.00	25.00
(14)	2.00	3.00	3.50	3.00	3.00
(15)	11.25	20.00	20.00	13.00	14.00
(16)	12.25	21.00	20.00	14.00	15.00
(17)	.045	.045	.05	.05	.05
(18)	17.75	22.00	20.00	15.00	20.00
(19)	10.00	15.00	15.00	15.00	15.00
(20)	.90	1.00	1.25	.90	1.00
(21)	1.20	1.25	1.50	1.10	1.20
(22)	1.40	1.50	2.00	1.30	1.40
(23)	1.80	1.70	2.25	1.50	1.60
(24)	2.40	2.65	3.00	2.30	2.40
(25)	13.00	13.50	18.00	12.00	14.00
(26)	11.50	11.50	16.00	10.00	14.00
(27)	15.50	15.00	18.00	15.00	20.00
(28)	.90	1.00	1.10	.85	1.00
(29)	1.50	3.75	3.50	1.50	3.00
(30)	.50	.90	.50	.75	2.00
(31)	1.00	1.00	.50	1.50	2.00
(32)	15.00	15.00	20.00	20.00	15.00
(33)	2.50	2.50	2.00	2.50	2.00
(34)	2.50	2.50	2.00	3.00	2.00
(35)	600.00	700.00	600.00	600.00	750.00
(36)	15.00	20.00	20.00	20.00	15.00
(37)	90.00	100.00	40.00	30.00	100.00
(38)	350.00	75.00	300.00	125.00	75.00
(39)	3.00	3.00	3.00	2.50	3.00

BIDS WANTED

MENDOCINO CO., Cal.—Until May 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.8 mile grading and removing timber bridges in Mendocino County between Navarro River and Williams Creek.

The work involves:

(1) 7 each timber bridges to be removed and disposed of;
(2) 25,200 c.y. rdwy. excav., unclass.
(3) 2,800 sta. yds. overhaul;
(4) 415 c.y. struc. excav.;
(5) 43 stations finishing roadway;
(6) 220 l.f. 18-in. corru. metal pipe;
(7) 136 l.f. 24-in. corru. metal pipe;
(8) 182 l.f. 36-in. corru. metal pipe;
(9) 126 l.f. 60-in. corru. metal pipe;
(10) 2.5 thousand feet board measure timber cribbing;
(11) Clearing and grubbing right of way.

NOTE: The State will furnish corrugated metal pipe for use on this project as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka.

AWARD RECOMMENDED

PALO ALTO, Santa Clara Co., Cal.—A. J. Raisch, Lincoln Ave. and San Salvador, San Jose, at $27,117.25 submitted low bid and recommended for award of contract by the Palo Alto Board of Public Works, E. L. Beach, City Clerk, for paving and sewer construction as follows:

(1) Construction of an asphalt concrete pavement. 10-in. concrete storm sewer with catchbasins on Page Mill Road from El Camino Real to Southern Pacific Railroad.
(2) Construction of an asphaltic concrete pavement on Oregon Ave. from Middlefield Road to Alma Street;
(3) Repaving of Middlefield Road from San Francisquito Creek to Hamilton Ave. with an asphaltic concrete pavement and the construction of concrete gutters, curbs and a 12-n. concrete storm sewer with catchbasins and manhole.
(4) Construction of concrete curb and gutter on north side and the paving with asphaltic concrete of Palo Alto Ave. from Seneca St to Hale St.

The work involves:

(1) 95,000 sq ft. macadam base removal and replacement;
(2) 235,250 sq. ft. roadway excavation and grading;
(3) 3700 cu. yds. crusher or pit-run rock base in place;
(4) 2850 tons asphaltic concrete in place;
(5) 2888 sq. ft. 2-ft. Portland cement concrete cutters;
(6) 1340 lin. ft. concrete curbs;
(7) 460 lin. ft. 12-in. concrete sewer pipe;
(8) 120 lin. ft. 10-in. concrete sewer pipe;
(9) One brick manhole;
(10) 5 storm water inlets.

Total bids follow:

(A) A. J. Raisch, San Jose, $27,117.25.
(B) Palo Alto Road Materials Co., Palo Alto, $28,724.57.
(C) Hanrahan-Wilcox Corp., S. F., $29,837.85.
(D) Peninsula Paving Co., San Francisco, $30,837.50.
(E) Independent Const. Co., Ltd., Oakland, $34,062.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	$ .025	$ .0135	$.02	$ .02	$ .03
(2).....	.015	.0175	.025	.03	.04
(3).....	1.35	1.35	1.25	2.00	2.00
(4).....	4.90	5.50	5.00	4.20	4.00
(5).....	.24	.32	.37	.25	.40
(6).....	.42	.64	.75	.50	.50
(7).....	1.30	1.10	1.40	1.50	1.60
(8).....	1.10	1.00	1.10	1.25	1.20
(9).....	70.00	50.00	85.00	80.00	75.00
(10).....	40.00	40.00	50.00	40.00	45.00

Work will be partially financed by a PWA grant. *

BIDS OPENED

ALAMEDA COUNTY, Cal.—Lee J. Immell, 1031 Evelyn St., Berkeley, at $3,864 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Building, San Francisco, for applying armor coat on about 2.1 miles in Alameda County between Scotts Corner and Arroyo Del Valle, involving:

(1)60 tons liquid asph. 90-95 in place;
(2) 1,150 tons screenings, in place.

Complete bids follow:

Lee J. Immel, Berkeley: (1) $17.25; (2) $2.46; total $3,864.

E. E. Dias, Niles: (1) $16; (2) $2.80; total, $4,180.

Palo Alto Road Materials Co., Palo Alto: (1) $21; (2) $2.65; total, $4,-307.50.

Pacific Truck Service, Inc., San Jose (1) $17.50; (2) $2.85; total, $4,327.50.

Ransome Co., Emeryville: (1) $15.40 (2) $3; total, $4,374.

Bids held under advisement.

SAN DIEGO COUNTY—TRUSS BRIDGE—STATE

SAN DIEGO COUNTY, Cal.—Clyde W. Wood, Box 49, Stockton, at $175,-529.65, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for the construction of a steel deck truss bridge with concrete deck across Santa Margarita River about 2½ mi. north of Oceanside, San Diego County, consisting of two 167 ft. 6 in. spans, two 67 ft. cantilever spans, and two 30 ft. 6 in. plate girder approach spans.

The work involves:

(1) 4000 cu. yds. struc. excavation (piers);
(2) 275 cu. yds. struc. excavation (abutments);
(3) 170,000 lbs. bar reinf. steel;
(4) 960 cu. yds. Class A Portland cement concrete (footing blocks);
(5) 765 cu. yds. Class A Portland cement concrete (piers);
(6) 825 cu. yds. Class A Portland cement concrete (abutments and superstructure);
(7) 1,205,000 lbs. struc. steel in place;
(8) 39,000 lbs. struc. steel furnished and fabricated;
(9) 14,120 lbs. cast alloy steel;
(10) 44,000 lbs. steel railing in place;
(11) 2500 lbs. steel railing furnished and fabricated;
(12) 18,245 lin. ft. furnishing untreated Douglas fir piles, including test piles;
(13) 1140 lin. ft. furnishing treated Douglas fir piles, including test piles;
(14) 308 each driving treated and untreated Douglas fir piles, incld. test piles.
(15) 85 cu. yds. gravel blanket;
(16) 160 lin. ft. temporary railing;
(17) 1 lot miscellaneous items of work

Total bids follow:

(A) C. W. Wood, Stockton, $175,529.65
(B) B. O. Larsen, San Diego, $181,-063.75.
(C) Dimmitt & Taylor, Los Angeles, $222,900.25.
(D) Shofner & Gordon, Los Angeles, $233,081.
(E) Pacific Bridge Co., San Francisco $236,377.25.
(F) J. E. Haddock, Ltd., Pasadena, $251,861.30.
(G) V. R. Dennis Const. Co., San Diego, $295,693.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	$ 3.00	$ 2.50	$ 12.50	$ 7.00	$ 12.75	$ 19.00	$ 25.00
(2).....	1.00	2.00	.50	1.28	2.00	1.50	3.00
(3).....	.04	.045	.05	.07	.06	.045	.05
(4).....	12.50	18.00	9.00	35.00	16.00	14.50	20.00
(5).....	15.00	22.00	20.00	30.00	20.00	18.50	23.00
(6).....	18.00	22.00	25.00	25.00	22.00	23.50	27.00
(7).....	.078	.07	.075	.065	.08	.078	.075
(8).....	.06	.05	.055	.048	.06	.06	.06
(9).....	.15	.15	.15	.15	.15	.155	.20
(10).....	.18	.16	.15	.14	.18	.14	.20
(11).....	.17	.14	.13	.12	.16	.13	.18
(12).....	.33	.35	.35	.45	.45	.32	.40
(13).....	.72	.60	.70	.85	1.00	.72	.90
(14).....	10.00	17.00	32.00	50.00	18.00	22.00	35.00
(15).....	3.00	2.00	3.00	6.00	5.00	4.00	5.00
(16).....	1.00	2.00	1.50	1.25	2.00	1.00	3.00
(17).....	1000.00	2000.00	600.00	1589.75	1000.00	1500.00	2500.00

SAN FRANCISCO — Marina-North Point Sewer — (City)

SAN FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at $122,247 (Total I, concrete protected steel pipe) submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,935, for construction of the Marina-North Point Discharge Sewer.

Work involves construction of a 30-inch internal diameter discharge sewer from Marina Sewage Pumping Plant north of Marina Blvd. opposite Avila St. to a point of discharge into the Bay near Pier 39.

Bids will be taken as follows:

(1) 8090 l.f. 30-in. internal diameter discharge sewer:
  Alt. A — concrete protected steel pipe;
  Alt. B—asbestos cement pipe;
(2) 1,500 l.f. construction in tunnel:
  Alt. C — concrete protected steel pipe;
  Alt. D—asbestos cement pipe;
(3) Lump sum, outfall gate struc.;
(4) Lump sum, anchors at tunnel portals;
(5) 8 each, manhole vaults and appurtenances;
(6) Lump sum, vent pipes;
(7) 280 l.f. 12-in. vit. clay sewer pipe;
(8) 220 l.f. 10-in. do culvert or side sewer;
(9) 3 each brick manholes.
(I) Total of all items using concrete protected steel pipe.
(II) Total of all items using asbestos cement pipe.

Total bids follow:

(A) Sibley Grading & Teaming Co., Ltd., (I) $122,247; (II) no bid.
(B) Eaton & Smith, San Francisco: (I) $134,619; (II) $155,117.
(C) W. J. Tobin, Oakland: (I) $134,-751.20; (II) no bid.
(D) MacDonald & Kahn Co., Ltd., San Francisco: (I) $141,850; (II) no bid.
(E) M. J. Lynch, San Francisco: (I) $143,960 (II) $134,370.
(F) Barrett & Hilp, San Francisco: (I) $185,400; (II) $208,625.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1a).....	$ 12.00	$ 13.40	$ 13.18	$ 13.00	$ 14.00	$ 19.00
(1b).....	.....	15.60	.....	.....	13.00	21.50
(2c).....	10.90	11.10	12.00	13.00	14.00	11.00
(2d).....	.....	12.90	.....	.....	13.00	13.00
(3).....	600.00	1938.00	350.00	3500.00	1000.00	500.00
(4).....	1614.00	1419.00	500.00	3000.00	3000.00	2200.00
(5).....	510.00	267.00	600.00	560.00	300.00	700.00
(6).....	1275.00	1820.00	1600.00	3400.00	2000.00	2000.00
(7).....	2.00	5.00	3.00	5.00	2.00	8.00
(8).....	1.90	2.50	2.50	5.00	2.00	10.00
(9).....	90.00	100.00	95.00	100.00	100.00	150.00

Bids held under advisement.

BIDS OPENED

EL DORADO COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $145,532.50 submitted low bid to the State Highway Commission, Sacramento, for about 8.8 miles surfacing with crusher run base and plant-mixed surfacing in El Dorado County between Kyburz and Strawberry.

The work involves:
(1) 2,350 M. gals. water;
(2) 468 sta. finishing roadway;
(3) 31,750 tons crusher run base;
(4) 300 tons liquid asphalt SC-2 (penetration treatment and prime coat);
(5) 17,250 tons mineral aggr. (plant-mixed surfacing);
(6) 870 tons liquid asphalt ROMC-4 or ROMC-5 (do);
(7) 75 tons liquid asphalt ROMC-3 or ROMC-4 (seal coat);
(8) 675 tons screenings (seal coat).

Total bids follow:
(A) Union Paving Co., San Francisco, $145,532.50.
(B) Hanrahan Co., San Francisco, $159,849.50.
(C) A. Teichert & Son, Inc., Sacramento, $164,404.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.50	$ 1.50	$ 2.50
(2)	10.00	6.50	8.00
(3)	2.20	2.42	2.46
(4)	20.00	18.50	22.50
(5)	2.15	2.70	2.58
(6)	22.00	23.00	25.00
(7)	25.00	26.00	22.00
(8)	5.00	3.50	3.00

BIDS WANTED

PLUMAS COUNTY, Cal.—Until May 26, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for applying bituminous treatment (light surface application) on 6.285 miles of Sections A and B of Route 20, the Almanor National Forest Highway, Plumas National Forest, Plumas County.

The work involves:
(1) 159 tons liquid asphaltic road material, Type MC-1;
(2) 84 tons liquid asphaltic road material, Type MC-2 or MC-3;
(3) 660 cu. yds. disintegrated granite screenings.

Plans and specifications obtainable at 807 Sheldon Bldg., 461 Market St., until May 9, and thereafter at the Federal Office Bldg., Civic Center, upon deposit of $10.00.

CONTRACT AWARDED

SAN LUIS OBISPO CO., Calif. — Lambs Transfer Co., 838 Cowles Ave., Long Beach, at $12,038 awarded contract by the State Highway Commission, Sacramento, for furnishing and applying liquid asphalt on about 40.6 miles of existing roadbed in San Luis Obispo County between one mile east of Pozo and the Kern County Line.

CONTRACT AWARDED

UMATILLA COUNTY, Ore.—James Crick, Realty Bldg., Spokane, at $81,930 awarded contract by R. H. Baldock, State Highway Engineer, Portland, for 7.56 miles grading on the East Unit, Stanfield - Pendleton Hill Section of the Old Oregon Trail.

The bids were opened April 16 and referred to the engineer with power to award contract.

CONTRACT AWARDED

LONG BEACH, Calif.—Sully-Miller Contr. Co., 1500 W 7th St., Long Beach, at $26,623.86 awarded contract by the Long Beach city council for improving Ocean Blvd. bet. Belmont Ave. and 72nd Place, under cash contract.

SAN FRANCISCO — Mission District Mains — (City)

SAN FRANCISCO.—E. J. Treacy, 309 Call Bldg., at $50,659.16 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,906, for installing the Mission District extension to the AWSS for fire protection, a PWA project.

The work involves:

Cast Iron Pipe and Special Castings in Place:
(1) 24 lin.ft. 18-in. Cl. G bell and spigot, plain.
(2) 336 lin.ft. 16-in. Cl. H, bell and spigot, plain.
(3) 120 lin.ft. 16-in. Cl. H bell and spigot, lugged.
(4) 3850 lin.ft. 16-in. Cl. G bell and spigot, plain.
(5) 456 lin.ft. 16-in. Cl. G bell and spigot, lugged.
(6) 1368 lin.ft. 12-in. Cl. H bell and spigot, lugged
(7) 289 lin.ft. 12-n. Cl. G bell and spigot, plain.
(8) 204 lin.ft. 12-in. Cl. G bell and spigot, lugged.
(9) 818 lin.ft. 12-in. Cl. F bell and spigot, plain.
(10) 406 lin. ft. 12-in. Cl. F bell and spigot, lugged.
(11) 303 lin. ft. 8-in. Cl. G bell and spigot, lugged.

NOTE—Items 1 to 11 inclusive, cast iron pipe and part of the special castings, will be furnished by the City. Such special castings as the City does not have in stock shall be furnished by the Contractor as hereinafter called for.

(12) 5 14-in. gate valves, with head gear and 3-in. by-pass valve, furnished, tested and delivered.
(13) 7 10-in. gate valves, furnished, tested and delivered.
(14) 12 8-in. gate valves, furnished, tested and delivered

NOTE—Items 12, 13, 14, all materials furnished by the contractor.

(15) 10 14-in. gate valves, in place.
(16) 6 10-in. gate valves, in place.
(17) 21 8-in. gate valves, in place.
(18) 21 Std. H. P. Hydrants, in place.

NOTE—Under Items 15 to 18 inclusive some 14-in., 10-in. and 8-in. gate valves shall be furnished by the contractor under Items 12, 13 and 14. Balance of gate valves and all the hydrants will be furnished by the City.

(19) 43,600 lbs. pig lead, furnished and delivered.
(20) 17,900 lbs. cast steel spec. castings, furnished and delivered.
(21) 68,200 lbs. cast iron special castings, furnished and delivered.
(22) 16,400 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed.
(23) 22,300 lbs. wrot iron bolts, nuts and washers, furnished and placed.
(24) 4,800 lbs. reinforcing steel furnished and placed.
(25) 56 cu.yds. Class B concrete, in place.
(26) 5200 cu.yds. excavation and backfill.
(27) 17,600 sq.ft. asphalt - concrete pavement (1½-in. to 1½-in. to 8-in.) Cl. F concrete.
(28) 500 sq.ft. asphaltic concrete wearing surface (2-in. thick).
(29) 4200 sq.ft. conorete pavement, consisting of Class E concrete, 6-in. thick.
(30) 1550 sq.ft. basalt block pavement on a 5-in. deep sand base.
(31) 800 sq.ft. red brick pavement, on Class F concrete base 6-in. thick.
(32) 420 sq.ft. concrete sidewalks one course.
(33) 5 cu.yds. crushed rock furnished and placed.
(34) 33 tons B & S or D.S. pipe without lugs. In classes G and H and nominal diameters of 8-in. to 20-in. incl.
(35) 5 tons B & S or D.S. pipe with lugs. In classes G and H and nominal diameters of 8-in to 20 in. inclusive.

NOTE—Items 18 to 35 inclusive, all materials, including pipe, shall be furnished by the contractor.

(36) 62 lengths 12-in. C.I. B & S "Red Head" pipe, cleaned and painted.

NOTE — Item 36 pipe will be furnished by the City.

Total bids follow:
(A) E. J. Treacy.....$50,659.16
(B) Eaton & Smith..... 55,085.58
(C) M. J. Lynch..... 55,176.70
(D) Herman Lawson 58,147.00
(E) Peter J. McHugh.....61,298.50
(F) MacDonald & Kahn Co... 64,172.00
(G) Chas. L. Harney..... 67,408.75
(H) Lowrie Paving Co..... 69,148.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 3.44	$ 5.42	$ 8.00	$15.00	$ 5.00	$ 5.00	$10.00	$40.00
(2)	2.21	2.57	2.60	5.00	3.15	3.75	4.00	2.50
(3)	2.51	2.35	2.80	6.00	3.40	4.25	4.00	3.00
(4)	2.15	2.83	2.50	3.25	3.15	4.30	4.00	2.50
(5)	2.51	2.35	2.65	6.00	3.40	4.75	4.00	3.00
(6)	1.93	1.94	2.10	2.00	2.10	4.25	3.00	2.20
(7)	1.88	2.16	2.00	2.00	2.00	4.00	3.00	1.50
(8)	2.03	1.94	2.10	3.00	2.10	4.25	3.00	2.20
(9)	1.78	2.16	2.00	2.50	2.00	4.00	3.00	1.50
(10)	1.98	1.94	2.10	3.00	2.10	4.50	3.00	2.20
(11)	2.18	2.56	3.00	2.00	1.80	5.00	3.00	4.00
(12)	362.00	400.00	380.00	350.00	425.00	400.00	400.00	375.00
(13)	196.00	200.00	210.00	180.00	260.00	225.00	225.00	202.50
(14)	107.00	110.00	110.00	100.00	150.00	125.00	150.00	115.00
(15)	25.00	64.00	20.00	75.00	125.00	40.00	100.00	30.00
(16)	15.00	38.00	15.00	43.00	75.00	30.00	50.00	15.00
(17)	15.00	30.00	12.00	30.00	40.00	25.00	30.00	15.00
(18)	20.00	38.00	12.00	40.00	40.00	30.00	20.00	12.50
(19)	.049	.049	.04	.04	.04	.03	.048	.06
(20)	.19	.19	.19	.15	.17	.10	.18	.20
(21)	.06	.075	.075	.06	.05	.05	.075	.08
(22)	.07	.07	.07	.06	.05	.05	.07	.075
(23)	.09	.1025	.1025	.08	.085	.07	.1025	.11
(24)	.05	.05	.05	.04	.04	.06	.05	.05
(25)	25.00	10.00	30.00	15.00	21.00	12.00	25.00	22.00
(26)	1.25	1.00	1.05	1.25	2.00	1.00	1.25	3.00
(27)	.20	.24	.28	.25	.27	.25	.23	.40
(28)	.08	.05	.10	.07	.10	.10	.15	.08
(29)	.20	.20	.23	.20	.19	.18	.23	.22
(30)	.10	.08	.15	.12	.29	.10	.10	.06
(31)	.40	.30	.60	.50	.40	.50	.40	.65
(32)	.12	.18	.12	.15	.20	.10	.20	.15
(33)	3.00	2.00	2.25	1.50	3.00	2.00	2.00	3.00
(34)	50.00	50.00	55.00	20.00	20.00	30.00	50.00	50.00
(35)	60.00	60.00	65.00	30.00	25.00	40.00	60.00	61.00
(36)	3.82	4.00	4.00	1.50	1.00	4.00	10.00	1.20

BIDS WANTED

YOLO AND COLUSA COS., Calif.—Until May 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 10.3 miles grading and surfacing with plant-mixed surfacing (medium curing type) in Yolo and Colusa Counties, between Dunnigan and Arbuckle.

The work involves:

(1) 1,600 M. gallons water;
(2) 23,000 c.y. rdwy. excav., unclass.
(3) 2,600 c.y. structure excavation;
(4) 430 c.y. ditch and channel excavation;
(5) 33,400 c.y. imported borrow;
(6) 242,500 sta. yds. overhaul;
(7) 900 c.y. existing concrete pavement removed and disposed of;
(8) 255 c.y. existing concrete structures and building foundations removed and disposed of;
(9) 536 stations finishing roadway;
(10) 13,400 c.y. pit run gravel base;
(11) 62 tons liquid asph., SC-2 (prime coat);
(12) 22,400 tons mineral agg. (plant-mixed surfacing);
(13) 1,120 tons liquid asphalt, MC-5 or MC-extra heavy (do);
(14) 840 tons stone screenings (seal coat);
(15) 92 tons liquid asphalt, MC-3 (seal coat);
(16) 89,000 s.y. emulsified asphaltic paint binder;
(17) 825 c.y. Class A Portland cement concrete (structures);
(18) 86,000 lbs. bar reinf. steel;
(19) 6,200 lbs. structural steel;
(20) 28 l.f. 8-in. corrugated metal pipe
(21) 568 l.f. 12-in. do;
(22) 388 l.f. 18-in. do;
(23) 172 l.f. 24-in. do;
(24) 46 l.f. 30-in. do;
(25) 50 l.f. existing pipe culverts removed, cleaned and relaid;
(26) 350 l.f. existing pipe culverts removed cleaned and salvaged;
(27) 27 each, moving and resetting headwalls;
(28) 2 each, spillway assemblies;
(29) 2 each, 18-in. automatic drainage gates;
(30) 3 each, cast steel frames and covers for drop inlets;
(31) 160 l.f. laminated guard railing;
(32) 1,060 l.f. existing guard railing removed and salvaged;
(33) 53 each, culvert markers;
(34) 15 each, guide posts;
(35) 1.6 miles property fences moved and reset;
(36) 3 each, drive gates;
(37) 234 l.f. timber railing;
(38) 39 each, monuments, complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and Marysville.

BIDS WANTED

SHASTA COUNTY, Cal.—Until May 14, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for applying bituminous treatment (light surface application) on 5.722 miles of Sections G and H of Route 77, the Mt. Shasta-Mt. Lassen National Highway, Shasta and Lassen National Forests, Shasta County.

The work involves:

(1) 152 tons liquid asphaltic road material, Type SC-2;
(2) 60 tons do, Type SC-4.

NOTE: It was previously reported that bids would be opened in Room 807 Sheldon Bldg., 461 Market Street.

Plans and specifications obtainable at 807 Sheldon Bldg., 461 Market St., until May 9, and thereafter at the Federal Office Bldg., Civic Center, upon deposit of $10.00.

SACRAMENTO RIVER LEVEE — (GOVT.

SACRAMENTO, Cal. — Morrison-Knudsen Co., P. O. Box 1518, Boise, at $200,830.75 submitted low bid to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-36-227, for setting back, raising and strengthening the existing levee and constructing new levee along the easterly side of the Sacramento River between Moulton Weir and a point about one-fourth mile downstream from the bridge across the Sacramento River at Colusa, for a distance of approximately 10.3 miles. The total volume of earth to be placed in embankment is approximately 938,000 c.y.

The work involves:

(1) 938,000 c.y. levee embankment, in place;
(2) 80 ft. corru. iron pipe, 8-in. dia., 16 gauge, with necessary 12-inch band couplers, all in place;
(3) 170 ft. do, 18-in. dia., 12 ga., do;
(4) 1,488 ft. do, 24-in. dia. 12 ga. do;
(5) 606 ft. do, 30-in. dia., 12 ga., do;
(6) 242 ft. do, 36-in. dia., 12 ga., do;
(7) 44 ft. do, 42-in. dia. 10 ga., do;
(8) 266 ft. do. 48-in. dia, 10 ga., do;
(9) 240 ft. steel soil proof pipe, 18-in. dia., 12 ga., with welded connections all in place;
(10) 24 ft. do, 28-in. dia., 21 ga., do;
(11) 50 ft. do, 30-in. dia., 12 ga., do;
(12) 136 ft. do, 36-in. dia., 10 ga., do;
(13) 2 each, corru. iron cut-off bulkheads, 32x32-in., 12 ga., fitted to 8-in. corru. iron pipe, all in place
(14) 4 each, do, 49½x50-in., 12 gauge, fitted to 18-in. do;
(15) 4 each do, fitted to 18-in. steel soil proof pipe, all in place;
(16) 30 each do, fitted to 24-in. corru. iron pipe, all in place;
(17) One each, do, fitted to 28-in. steel soil proof pipe, all in place;
(18) 8 each, do, fitted to 30-in. corru. iron pipe, all in place;
(19) 2 each, do, fitted to 30-in. steel soil proof pipe, all in place;
(20) 4 each, do, 12 ga., 60½x60-in., fitted to 36-in. corru. iron pipe, all in place;
(21) 2 each do, 12 ga., 60½x60-in., fitted to 36-in. steel soil proof pipe all in place;
(22) 2 each, do, 12 ga., 73½x70-in., fitted to 42-in. corru. iron pipe, all in place;
(23) 6 each do, 12 ga., 73½x70-in., fitted to 48-in. do;
(24) One 8-in. dia., Calco No. 100 gate or equal, in place;
(25) One 18-in. dia., do;
(26) 3 each, 24-in. dia., do;
(27) One 228-in. dia., do;
(28) One 18-in. dia. Calco No. 101 gate or equal, with 12-ft. frame, in place;
(29) One 18-in., do, with 18-ft. frame, in place;
(30) One 24-in. do. with 4-ft. frame, in place;
(31) 2 each, 24-inch do, with 8-foot frame in place;
(32) 8 each, 24-in. do, with 10-foot frame in place;
(33) 4 each, 24-in. do., with 12-foot frame in place;
(34) 2 each, 30-in. do, with 12-foot frame in place;
(35) 2 each, 30-in. do, with 16-foot frame in place;
(36) One 63-in. do, with 6-ft. frame, in place;
(37) One 36-in. do. with 12-ft. frame, in place;
(38) One 36-in. do, with 14-ft. frame, in place;
(39) One 42-in. do, with 10-ft. frame, in place;
(40) One 48-in. do with 10-ft. frame, in place;
(41) One 48-in. do, with 12-ft. frame, in place;
(42) One 48-in. do, with 14-ft. frame, in place;
(43) 10 each, 10-in. dia. concrete pipe;
(44) 450 FBM Oregon pine lumber, SIS

Existing Structures to be Removed and Wasted

(45) One job reinf. conc. culvert, 5x25-ft. at Sta. 292 plus 90;
(46) One job reinf .conc. wing walls of approx. 2 c.y. volume at Sta. 76 plus 85;
(47) One job reinf. conc. spillbox, 4x3-ft., of about 1.7 c.y. volume at Sta. 82 plus 44;
(48) One job reinf. conc. culvert, 4x3x22-ft. with 8-ft. wing walls at Sta. 166 plus 53;
(49) One job reinf. conc. cut-off wall, 4-in. thick x 12-ft. long x 10-ft. deep at Sta. 166 plus 53;
(50) One job reinf. conc. spillbox, 10x10-ft. with 8-ft. wing walls of about 14 c.y. volume at Sta. 181 plus 00;
(51) One job reinf. conc. spillbox of about 12 c.y. in volume at Sta 183 plus 20;
(52) One job reinf. conc. well, 5x5x8-ft. deep at Sta. 254 plus 35;
(53) One job reinf. conc. culvert, 5x2.8x55-ft. at Sta. 254 plus 35;
(54) One job reinf. conc. spillbox, 10x20x3.5-ft. at Sta. 254 plus 35;
(55) One job reinf. conc. spillbox, 14x24x4.8-ft. deep, at Sta. 256 plus 23;
(56) One job reinf. conc. culvert under exist. roadbed, 5x4x30-ft. at Sta. 258 plus 00;
(57) One job reinf. conc. culvert, 5x5x3-ft. at Sta. 268 plus 70.
(58) 2,900 l.f. county highway road surfacing from Sta. 258 plus 00 to Sta. 287 plus 00;
(59) One job reinf. conc. spillbox, 70-ft. long and of about 14 c.y. volume at Sta. 288 plus 65;
(60) One job wooden culvert, 1.5x1.5x22-ft. at Sta. 301 plus 00;
(61) One job reinf. conc. culvert, 4x5x28-ft. at Sta. 312 plus 67;
(62) One job reinf. conc. culvert, 3x4x20-ft. at Sta. 337 plus 34 (removal is just to landward toe of levee and must not disturb existing highway);
(63) One job reinf. conc. culvert at Sta. 400 plus 37, 3x4x30-ft. long (do);
(64) One job steel pipe 18-in. dia. x 22-ft. long, at Sta. 84 plus 60;

Existing Structures to be Removed and Reinstalled

(65) One job, two 24-in. dia. Calco No. 101 headgates and frames;
(66) One job, one 12-in. dia. surface irrigation valve;
(67) One job, one 24-in. dia. Calco No. 105 headgate and frame;
(68) One job, one 30-in. dia., Calco No. 101 headgate and frame.

Addenda

(69) 130 c.y. Class A reinforced concrete, in place;
(70) 20 c.y. Class B mass concrete in place.

Total bids follow:

(A) Morrison - Knudsen Co., Boise, $200,830.75.
(B) D. McDonald, Sacramento, $211,813.30.
(C) Boyce & Igo Constr. Co., Baton Rouge, La., $241,459.80.
(D) George Pollock Co., Sacramento, $249,142.
(E) Olympian Dredging Co., San Francisco, $280,721.88.
(F) A. Teichert & Son, Inc., Sacramento, $283,472.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .185	$ .199	$ .23	$ .24	$ .26	$ .272
(2)	1.28	1.30	1.65	1.50	1.30	1.60
(3)	3.71	3.05	3.38	3.25	2.84	3.80
(4)	4.73	4.20	4.50	4.00	4.52	4.80
(5)	6.06	5.40	5.75	5.00	5.45	6.00
(6)	7.25	6.30	7.00	6.00	6.57	7.40
(7)	8.25	8.00	9.00	7.00	9.51	8.00
(8)	10.75	10.00	11.00	8.50	10.68	10.00
(9)	2.85	2.00	3.50	2.00	2.60	2.80
(10)	4.40	3.00	4.00	3.50	2.92	4.00
(11)	5.15	4.00	4.50	3.80	3.32	4.50
(12)	5.90	5.00	6.00	4.75	5.11	6.00
(13)	7.50	8.00	10.00	7.00	10.93	8.50
(14)	10.50	11.00	15.00	10.00	14.71	12.00
(15)	10.50	11.00	15.00	10.00	14.71	12.00
(16)	10.50	11.00	15.00	10.00	14.71	13.00
(17)	10.50	11.50	15.00	10.00	14.71	13.00
(18)	10.50	12.00	15.00	10.00	14.71	13.50
(19)	10.50	12.00	15.00	10.00	14.71	13.50
(20)	15.40	15.00	20.00	15.00	20.50	18.00
(21)	15.40	15.00	20.00	16.50	20.50	18.00
(22)	22.00	21.00	30.00	20.00	26.67	25.00
(23)	22.00	21.00	30.00	20.00	26.67	25.00
(24)	6.75	5.20	10.00	8.00	9.64	9.00
(25)	50.25	39.00	25.00	45.00	50.59	50.00
(26)	38.50	53.00	40.00	60.00	78.61	38.00
(27)	130.50	100.00	125.00	110.00	79.05	120.00
(28)	37.80	42.00	50.00	40.00	31.20	45.00
(29)	51.00	51.00	60.00	55.00	42.00	60.00
(30)	36.80	40.00	50.00	40.00	30.00	45.00
(31)	38.75	43.50	50.00	44.00	32.00	50.00
(32)	46.00	47.00	56.00	45.00	37.80	58.00
(33)	47.30	50.00	60.00	48.00	39.00	60.00
(34)	78.10	70.00	82.00	75.00	64.00	85.00
(35)	86.50	75.00	100.00	80.00	71.00	95.00
(36)	74.50	70.00	90.00	70.00	63.00	90.00
(37)	89.95	78.00	100.00	84.00	73.80	100.00
(38)	91.60	80.00	100.00	86.00	75.00	100.00
(39)	123.05	100.00	125.00	115.00	100.00	140.00
(40)	145.00	120.00	150.00	130.00	119.00	150.00
(41)	146.25	123.00	150.00	140.00	122.00	160.00
(42)	146.25	126.00	155.00	142.00	124.00	160.00
(43)	2.20	2.00	1.30	1.00	3.50	2.00
(44)	100.00*	.06	80.00*	.06	.17	.06
(45)	37.50	100.00	50.00	100.00	215.00	90.00
(46)	13.60	10.00	25.00	15.00	36.50	9.00
(47)	13.60	10.00	25.00	15.00	14.00	9.00
(48)	146.25	100.00	50.00	65.00	251.00	43.00
(49)	44.00	15.00	40.00	40.00	29.00	12.00
(50)	146.25	75.00	75.00	85.00	236.00	68.00
(51)	146.25	60.00	70.00	70.00	201.50	60.00
(52)	73.40	150.00	60.00	110.00	70.00	25.00
(53)	146.25	200.00	60.00	80.00	270.00	110.00
(54)	45.00	100.00	75.00	45.00	111.00	70.00
(55)	73.50	200.00	100.00	130.00	174.00	120.00
(56)	73.50	150.00	60.00	90.00	174.00	90.00
(57)	37.50	120.00	50.00	25.00	180.00	75.00
(58)	1.50	.18	870.00*	.35	.35	.40
(59)	146.25	100.00	100.00	70.00	237.50	65.00
(60)	45.00	10.00	50.00	25.00	29.00	6.00
(61)	73.50	100.00	75.00	80.00	277.00	70.00
(62)	45.00	75.00	100.00	40.00	139.50	37.00
(63)	73.50	85.00	100.00	55.00	316.00	55.00
(64)	37.50	25.00	50.00	20.00	14.00	25.00
(65)	29.50	100.00	100.00	80.00	49.50	50.00
(66)	35.00	10.00	50.00	20.00	12.50	9.00
(67)	45.00	40.00	75.00	35.00	12.00	25.00
(68)	45.00	50.00	100.00	45.00	35.50	30.00
(69)	No bid	24.00	35.00	25.00	27.00	33.00
(70)	No. bid	20.00	28.00	12.00	20.00	20.00

*Price per thousand. Bids held under advisement.

BIDS OPENED

LOS ANGELES and Orange Counties, Cal.—Parish Bros., 1222 N Gower St., Los Angeles, at $14,520 submitted low bid to Division of Highways, S. V. Cortelyou, District Engineer, Los Angeles, for constructing shouders of imported borrow on about 15.4 miles in Los Angeles and Orange counties, between Routes 183 and 179, and between Route 60 and Santa Ana river, involving:

(1) 285 M. gallons water;

(2) 15,000 c.y. imported borrow in place.

Complete bids follow:

Parish Brothers, L. A. $14,520.00
Mojave Corporation 19,882.50
Owl Truck & Materials Corp.
Compton 30,191.25

Bids held under advisement.

CONTRACT AWARDED

SAN RAFAEL, Marin Co., Cal.—E. A. Forde, 640 Redhill Ave., San Anselmo, at $.025 per sq. ft. awarded contract by San Rafael City Council. for the construction of an asphaltic armor coat pavement on D St. grade between Wolfe Ave. and the southerly city limits.

Work involves 36,000 sq. ft. bitumuls armor coat.

Complete bids follow:

E. A. Forde, San Anselmo ..... $.025
M. T. Luebberke, San Rafael ..... .025
P. S. Harless, San Rafael ..... .0347

BIDS WANTED

VENTURA COUNTY, Calif.—Until May 28, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 14.6 miles surfacing with plant-mixed surfacing in Ventura County, between Santonio Creek and Ojai, between Mound School and 2.7 miles east, and between Simi and 0.4 mile east of Santa Susana Overhead.

The work involves:

(1) 7,750 tons plant-mixed surfacing (Location "A");
(2) 61,000 s.y. asphaltic paint binder (Location "A");
(3) 2,425 tons plant-mixed surfacing (Location "B");
(4) 29,500 s.y. asphaltic paint binder (Location "B");
(5) 10,275 tons plant-mixed surfacing (Location "C").
(6) 81,000 s.y. asphaltic paint binder (Location "C").

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

FRESNO COUNTY, Cal.—Until May 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 4.5 miles grading and paving with Portland cement concrete and asphalt concrete in Fresno County, between Belmont Circle and Biola Junction.

The work involves:

(1) Clearing and grubbing right of way;
(2) 6,100 M. gallons water;
(3) 4,925 c.y. removing exist. concrete;
(4) 48,000 c.y. rdwy. excav., unclass.
(5) 425 c.y. structure excavation;
(6) 50 c.y. ditch excavation;
(7) 22,000 c.y. imported borrow, Location "A";
(8) 22,500 c.y. do, Location "B";
(9) 240,000 sta. yds. overhaul;
(10) 78,000 sq. yds. preparing subgrade
(11) 135 tons coarse rock (subgrade);
(12) 236 stations finishing roadway;
(13) 7,400 tons of mineral aggregate (road-mix surfacing);
(14) 675 tons liquid asphalt, SC-2 (do)
(15) 40 tons liquid asph., SC-2 (prime coat and penetration oil treatment);
(16) 45,500 s.y. preparing, mixing and shaping shoulders;
(17) 35 tons liquid asphalt, SC-4 (retempering);
(18) 31,500 sq. yds. remixing road-mix surfacing;
(19) 6,000 tons asphalt concrete (base and leveling course);
(20) 3,160 tons asphalt concrete (type "A" surface course);
(21) 10,325 c.y. Class "A" Portland cement concrete (pavement);
(22) 21,000 each, pavement dowels;
(23) 15 each, temporary pave. crossing devices, Type "B-10";
(24) 47,500 lbs. bar reinforcing steel;
(25) 22 c.y. Class "A" Portland cement concrete (struc.);
(26) 5 each, cast steel frames and grates for drop inlets;
(27) 189 l.f. 12-in. standard reinforced concrete pipe;
(28) 278 l.f. 24-in. standard reinforced concrete pipe;
(29) 20 l.f. 12-in. corru. metal pipe;
(30) 80 l.f. 12-in. perforated metal pipe
(31) 75 c.y. drainage sumps;
(32) 100 l.f. removing and salvaging pipe culverts;
(33) 68 l.f. 26x6½-in. part circle corrugated metal culvert (8 ga.);
(34) 3 each, culvert markers;
(35) 4.0 miles moving and resetting property fences;
(36) 13 each, monuments, move and reset;
(37) 25 each, monuments, complete, in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno.

BIDS WANTED

KERN COUNTY, Calif.—Until May 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 9.1 miles surfacing with road-mix surfacing and seal coat in Kern County, between three miles and 12 miles north of Mojave.

The work involves:

(1) 3,200 c.y. mineral aggregate;
(2) 5.2 miles preparing, mixing, and shaping roadbed;
(3) 242 tons liquid asphalt, SC-3 (road mix surfacing);
(4) 35 tons liquid asph. SC-1A (prime coat);
(5) 88 tons liquid asphalt MC-4 (seal coat);
(6) 801 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Bishop. * 29

30—RESERVOIRS & DAMS

BIDS WANTED

FONTANA, San Bernardino Co. Cal. —Until June 18, 1:30 P. M., bids will be received by the Fontana Union Water Co., Fontana, for the construction of a reinforced concrete reservoir in accordance with plans and specifications which may be obtained from the Fontana Union Water Co., P. O. Box 126. The proposed reservoir will be of the circular ring tension type of 3,000,000-gal. capacity.

BIDS WANTED

SALT RIVER PROJECT, Arizona.—Until May 16, 10 A. M., bids will be received by the Bureau of Reclamation, Producer Bldg., Phoenix, E. C. Koppner, Construction Engineer, under Spec. No. 674, for construction of the Bartlett Dam, Salt River Project. The dam will be of the concrete multiple-arch type.

The work is located near Phoenix, and the principal items of work involved are:

(1) 135,000 c.y. common excavation in open cut;
(2) 185,000 c.y. rock excavation do;
(3) 1,000 c.y. backfill;
(4) 1,000 c.y. rock fill;
(5) 8,000 c.y. of concrete in buttress footings and arch cut-offs;
(6) 120,500 c.y. concrete in buttresses and arches in dam;
(7) 12,400 c.y. mass concrete in dam;
(8) 13,700 c.y. concrete in spillway structure;
(9) 5,410 c.y. concrete in other parts of dam;
(10) 45,000 c.f. pressure grouting;
(11) Drilling 29,000 l.f. grout holes;
(12) Placing 5,500,000 lbs. of reinforcement bars;
(13) Placing 3,000 l.f. drain pipe;
(14) Installing 3,191,000 lbs. of gates, valves and other metal work.

Work shall be commenced within 30 calendar days and completed within 1,000 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Phoenix, Ariz.; Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others, $2.50 per copy, not returnable.

BIDS OPENED

SABINA CANYON, Ariz.—Diamond Drill Contr. Co., 1825 E Slauson Ave., Los Angeles, at $8,110 submitted low bid to the U. S. Engineer, 751 South Figueroa St., Los Angeles, for drilling and coring about 21 exploration holes aggregating about 1080 feet in length, and performing exploratory excavation of about 200 c.y. of material at two dam sites in Sabino Canyon. Circular Proposal ER-509-36-614.

The items are:

(1) 80 l.f. overburden drilling;
(2) 1000 l.f. core drilling (0 to 75 ft. in depth not less than 15/16-in. core);
(3) 60 l.f. casing (left in holes);
(4) 20 pressure tests;
(5) 200 c.y. excavation (stripping and trenching).

The bids were:

Diamonod Drill Contr. Co., Los Angeles: (1) $5.50; (2) $5.08; (3) $1; (4) $14.10; (5) $11.24; total, $8,110.

Cannon Bros., Compton: (1) $7; (2) $7; (3) 50c; (4) $5; (5) $5; total $8,-690.

E. J. Longyer Co., Minneapolis, Minn:. (1) $10; (2) $10; (3) $1; (4) $15 (5) $25; total, $16,160.

BIDS WANTED

NATIONAL CITY, San Diego Co., Calif.—Until June 1 (tentative date), bids will be received by the California Water & Telephone Co., 19 W. 9th St., National City, for the construction of the Judson reservoir dam for distribution purposes in the Sweetwater area. It will be a rolled earth fill structure, 60 ft. high and 700 ft. long, with a storage capacity of 210,-000,000 gallons.

Plans and specifications are being printed and will be ready for bidders about May 10. A copy of the plans may be seen at the above office and the site may be ispected at any time. Clayton B. Neill, division engineer, prepared the plans.

The approximate quantities are:

1,000 cu. yds. stripping for dam foundation—wasted material;
4,000 cu. yds. stripping for dam foundation—reused material;
3,000 cu. yds. stripping for borrow pits;
850 cu. yds. excav. for outlet tower and pipe, overflow structure and pipe, spillway structures and pipes;
600 cu. yds. backfilling for outlet tower and pipe, overflow structure and pipe, spillway structures and pipes;
82,000 cu. yds. earth fill in embankment;
4,500 cu. yds. cobble blankets on dam;
170 cu. yds. all concrete work;
250 bbls. furnishing cement;
13,000 lbs. placing reinf. steel and reinf. mesh;
270 ft. placing 24x4-in. welded steel outlet pipe;
115 ft. packing 18-in., 10-gauge welded steel overflow pipe;
885 ft. placing 24-in., 10 gauge welded steel pipe (spillway pipes;
2 placing 24-in. gate valves; installing derrick complete with 1500-lb. Wright hand winch with chain and hook;
5,000 lbs. placing all steel other than items 9, 10, 11, 12, 13 and 14;
1,000 sq. ft. painting metal work;
4,500 cu. yds. canal excavation.

BIDS WANTED

SEWARD, Alaska.—Until July 20, 2 P. M. (tentative) bids will be received by the town of Seward, A. D. Balderston, Town Clerk, for the construction of a municipal power plant, a PWA project. Est. cost, $140,000.

Plans include development of Upper and Lower Lost Lakes as source of water supply and as storage reservoir; construction of a tunnel 2263 ft. long from Lower Lost Lake under three ridges east of Valley Lake No. 1, then flow water via natural open channel to Valley Lake No. 2; construction of a dam across outlet to this lake; conveyance of power water down steep mountainside pipe line 5,180 ft. long for drop of 1386.61 to power house with either two 375-kva. or one 500-kva. hydro-electric units; construction of operator's cottage, small warehouse and garage; 500 ft. of road with 20-ft. bridge connecting power house grounds with highway; construction of power house with step-up transformers; constructing of transmission line 11 miles long to Seward; construction of step-down substation in Seward; construction of distribution system in Seward with small transformers to step power down to usable voltages.

Plans and specifications obtainable from the Town Clerk and from Consulting Engineers Hubbell & Waller Engr. Corp., Alaska Bldg., Seattle.

Don Carlos Brownell, Mayor of Seward. *

CONTRACT AWARDED

HATCH, N. M.—Mittry Bros. Construction Co., 5531 Downey Road, Los Angeles, at $957,018 awarded contract by the Bureau o f Reclamation, El Paso, Texas, under Spec. No. 672, for the construction of the Caballo Dam, Rio Grande Project, New Mexico-Texas.

BIDS OPENED

SALEM, Ore.—Kern & Kibbe, 42 SE Salmon, Portland, at $111,590 submitted low bid to the Salem City Council for construction of a 10,000,000-gal. covered reinforced concrete reservoir, and supplying miscellaneous cast iron pipe, fittings and valves to connect reservoir with distribution system. The reservoir will be 200x400-24-feet deep, divided into two 5,000,000-gal. sections. Work will require about 5.-537 c.y. concrete, 132.5 tons of reinforcing steel, 8 tons of 20-oz. sheet copper.

Complete bids follow:

Kern & Kibbe, Portland	$111,590
Harold Blake, Portland	120,740
Warren Northwest, Inc., Portland	124,515
J. F. Kernan, Portland	126,648
Drake, Wyman & Voss, Portland	127,664
Parker-Schram Co., Portland	128,756
J. C. Compton, Inc., McMinnville	130,917
United Contr. Co., Portland	147,526
Malcom & Bell, Portland	150,210
Dougan-Hammond Const. Co., Portland	152,185
Kuckenberg-Wittman Co., Inc. Portland	154,240

Bids held under advisement.

Stevens & Koon, Spalding Building, Portland, engineers.

BIDS OPENED

SNAKE RIVER PROJECT, Idaho—Nevada Constr. Co., Nevada, Mo., at $66,890 submitted low bid to the Bureau of Reclamation, Ashton, Idaho, H. A. Barker, Construction Engineer, under Spec. No. 681, for clearing the site of the Island Park Reservoir, Upper Snake River Project, Idaho, involving 1230 acres of clearing.

Complete bids follow:

Nevada Constr. Co., Nevada, Mo., $66,890.

Morrison-Knudsen Co., Boise, $76,-608.

Jonovich & Co., Seattle, $107,600; if awarded all four schedules, net total $98,400.

Holmberg & Norman, Inc., Port Orchard, $109,470.

Max J. Kuney Co., Spokane, $115,-900.

Idaho Timber Clearing Association, Rexburg, Idaho, $45,866 (partial bid, 340 acres clearing).

31—PIPE LINES & WELLS

BIDS OPENED

FORT MILEY, San Francisco.—Bids for drilling a test well on reservation of Veterans' Administration Facility, Fort Miley, were opened by

Wm. H. Radcliffe, Supervising Superintendent of Construction, Veterans' Administration Hospital, Palo Alto, under Bid No. F FM-29.

Bids were taken as follows:

Bids will be taken as follows:

(1) Drilling test well on reservation of Veterans Administration Facility, Fort Miley;
(1a) First 100 ft. lump sum;
(1b) Next 50 ft. (101 ft. to 150 ft. incl) per ft.;
(1c) Next 50 ft. (151 ft. to 200 ft. incl) per ft.;
(1d) Next 50 ft. (201 ft. to 250 ft. incl.) per ft.;
(1e) Next 50 ft. (251 ft. to 300 ft. incl.) per ft.;
(1f) Next 50 ft. (301 ft. to 350 ft. incl.) per ft.;
(1g) Next 50 ft. (351 ft. to 400 ft. incl.) per ft.;
(1h) Next 50 ft. (401 ft. to 450 ft. incl.) per ft.;
(1j) Next 50 ft. (451 ft. to 500 ft. incl.) per ft.;
(1k) Next 50 ft. (501 ft. to 550 ft. incl.) per ft.;
(1l) Next 50 ft. (551 ft. to 600 ft. incl.) per ft.;

Alternate bids were received under Item (1) as follows:

(Alt. 1A) If ledge rock is encountered add per lin. ft.;
(Alt. 1B) If it is found necessary to use casing beyond first 100 ft. add per lin. ft.
(Alt. 1C) For developing and testing well as required per eight-hour day;
(Alt. 1D) If it is found necessary to perforate the casing, add per lin ft.

The bidders were:

(A) Robert Garcia, 2045 University Ave., Palo Alto: net.
(B) J. B. Rogers Co., 110 Sutter St., San Francisco: 2% 10 days; 1% 20 days.
(C) Wilkinson & Co., Gilroy: 2% 10 days; 1% 20 days.
(D) J. B. Grattan, 1995 Oak St., San Francisco: ½% 10 days.
(E) O. D. Osteen, Sharps Park; 3% 10 days; 2% 20 days; net 30 days.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1a)	$290.00	$588.00	$300.00	$353.00	$863
(1b)	1.50	4.50	2.50	2.00	275
(1c)	1.50	5.00	3.00	2.00	300
(1d)	1.75	5.50	3.50	2.00	325
(1e)	1.75	6.00	4.00	2.00	350
(1f)	1.75	6.50	4.50	2.00	375
(1g)	1.75	7.00	5.00	2.00	400
(1h)	2.00	7.50	5.50	2.50	425
(1j)	2.00	8.00	6.00	2.50	450
(1l)	2.00	9.00	7.00	3.00	500
(1k)	2.00	8.50	6.50	3.00	475
ALTERNATES					
(1a)	.50	4.00	2.00	.75	3.00
(1b)	1.15	1.75	2.00	1.10	2.81
(1c)	24.00	250.00	30.00	20.00	100
		first day			
		10.00 each ad. day.			
(1d)	1.00	.50	.50	.20	.80

TO ASK BIDS

CALIFORNIA--Shell Oil Company, 200 Bush Street, San Francisco, plans construction of 304-mile main supply and feeder pipelines from Kern County oil fields to Martinez refinery, estimated to cost $4,500,000. One section of 90 miles will extend from Bakersfield to Callola, southern terminus of Shell's present pipeline, about ten miles northeast of Coalinga. Another section will connect Callola with Martinez. About 11 miles of gathering lines from various field points will be constructed.

The main line will be of 10-inch seamless steel pipe, laid in trench and electrically welded. Approximately 25,000 tons of pipe will be purchased by the company and supplied to the contractor.

Four new pumping stations will be erected between Bakersfield and Caliola. Existing stations between Caliola and Martinez will be re-equipped.

Contracts will be handled by J. U. Stair, vice-president in charge of production, from the Los Angeles offices of the Shell Company. N. W. Thompson is chief engineer in the San Francisco office. Specifications will be ready in about 30 days.

BIDS WANTED

SUNSET BEACH, Orange Co., Cal. —Until May 18, 8 P. M., bids will be received by the Sunset Beach Sanitary District for the construction of a sanitary sewer system located at Sunset Beach. Certified or cashier's check or bid bond, 10 must accompany bid.

Plans and specificatioons obtainable from above office.

CONTRACT AWARDED

CALIFORNIA. — Lang Transportation Corp., 5501 Santa Fe Ave., Los Angeles, awarded contract by the Valley Pipe Line Co. (owned jointly by Texas and Seaboard Oil Co.) for the contruction of 70 miles of 10-in. pipe line from Kettleman Hills to Estero Bay. Etimated cost, $1,500,000.

C. P. Watson, president of the Valley Pipe Line Co.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

STOCKTON, San Joaquin Co., Cal. —Loisal Const. Co., 1429 N Baker St., Stockton, at $3,178.59 submitted low bid to the Stockton City Council for construction of a storm water sewer in South Tuxedo Ave. from Lakeside to Pershing St.

The work involves:

(1) 466 l.f. 8-inch precast concrete sewer pipe;
(2) 465 l.f. 10-inch do;
(3) 288 l.f. 12-inch do;
(4) 265 l.f. 14-inch do;
(5) 564 l.f. 16-inch do;
(6) 24 l.f. 21-inch do;
(7) 253 l.f. 24-inch do;
(8) One 24-in. dia. drainage gate complete with 2 l.f. of 24-in., 16-ga. galv. corrugated iron pipe;
(9) 12 concrete catchbasins;
(10) 3 4-ft. dia. brick manholes;
(11) 4 5-ft. dia. brick manholes.

Total bids follow:

(A) Loisal Const. Co., Stockton, $3,178.59.
(B) W. J. Tobin, Oakland, $3,206.67.
(C) Oakland Sewer Const. Co., Oakland, $3,264.25.
(D) John F. White, Oakland, $3,274.60
(E) M.J.B. Const. Co., Stockton, $3,523.23.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$ .61	$ .76	$ .65	$ .60	$ .55
(2)....	.69	.61	.70	.68	.65
(3)....	.75	.76	76	.70	.80
(4)....	.77	.86	85	.90	.90
(5)...	.89	.96	.92	1.05	.97
(6)...	2.27	2.26	2.20	2.55	2.30
(7).	3.03	2.86	2.68	3.10	3.50
(8) .	40.00	50.00	50.00	65.00	15.00
(9)....	25.00	32.00	30.00	36.50	35.00
(10) .	65.00	60.00	65.00	40.00	65.00
(11)....	70.00	70.00	80.00	40.00	90.00

Bids held under advisement until May 6

BIDS OPENED

STOCKTON, San Joaquin Co., Cal. —Loisal Constr. Co., 1429 N. Baker St., Stockton, at $2977.41 submitted low bid to the Stockton City Council for the construction of a storm sewer in Oxford Way and Manchester Ave.

The work involves:

(1) 532 lin. ft. 8-in. precast concrete sewer pipe;
(2) 520 lin. ft. 10-in. do;
(3) 260 lin. ft. 12-in. do;
(4) 178 lin. ft. 21-in. do;
(5) 392½ lin. ft. 24-in. do;
(6) 14 concrete catchbasins;
(7) 3 4-ft. diameter brick manholes;
(8) One 5-ft. diameter brick manhole.

Total bids follow:

(A) Loisal Constr. Co., Stockton, $2,977.41.
(B) W. J. Tobin, Oakland, $3012.
(C) Oakland Sewer Constr. Co., Oakland, $3040.90.
(D) John F. White, Oakland, $3196.45
(E) M. J. B. Constr. Co., Stockton, $3200.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	$ .61	$ .56	$ .65	$ .60	$ .55
(2).....	.69	.61	.70	.68	.65
(3).....	.75	.76	.76	.70	.80
(4).....	2.27	2.26	2.20	2.55	2.30
(5).....	2.93	2.80	2.68	3.10	3.00
(6).....	20.00	32.00	30.00	36.50	35.00
(7).....	65.00	60.00	65.00	40.00	65.00
(8).....	70.00	70.00	75.00	40.00	90.00

All bids held under advisement until May 6.

BIDS WANTED

SUNSET BEACH, Orange Co., Cal. —Until May 18, 8 P. M., bids will be received by the Sunset Beach Sanitary District for construction of a sanitary sewer system located at Sunset Beach. Certified or cashier's check or bid bond, 10%, must accompany bid.

The items are:

Section I—Sewer System

(1a) 28 ft. 4-in. vitrified pipe;
(2a) 4028 ft. 6-in. vitrified pipe;
(3a) 10,293 ft. 8-in. vitrified pipe;
(4a) 6788 ft. 10-in. vitrified pipe;
(5a) 2930 ft. 12-in. vitrified pipe;
(2) 54 standard manholes;
(3) 23 standard lampholes;
(4) 2 standard flush tanks;
(5) 7 shallow flush tanks;
(6) 1000 tons screened gravel for placing in trench;
(7) constructing inverted siphon on Broadway from Sta. 2 plus 34 to Sta. 4 plus 60.64 of the Line B-n, Sheet 12;
(8) 75 l.f. ¾-in. galv. steel pipe, flush tank connections;
(9) 140 s.f. replacing concrete paving
(10) 50,000 s.f. oil macadam paving;
(11) 10 c.y. Class D concrete for piers supporting sewers.

Section II—Sewage Disposal Works

(1) 300 c.y. excav. for structures, pump stations, etc., of disposal works;
(2) lump sum for constructing main structures, inc. digestion tank, settling tank with mechanical equip., and building over settling tank with all valves, piping and special fittings;
(3 pump station No. 1:
(a) with Byron-Jackson pump;
(b) with Chicago pump;
(c) with Fairbanks-Morse pump.
(4) pump station No. 2:
(a) (b) and (c) as above;
(5) 785 ft. 6-in. cast iron pressure main;
(6) 1029 l.f. 8-in. cast iron outfall sewer;
(7) 2471 ft. 6-in. flexible joint cast iron pipe ocean outfall.

Section III

(1) 8928 l.f. 4-in. vit. house connections.

Plans and specifications may be obtained by prospective bidders at the office of the district, State Highway at Broadway, Sunset Beach. Duke Hunt, Sunset Beach, engineer. Clair M. Earll, president and Charles W. Pierce, secretary pro-tem of the Sunset Beach Sanitary District.

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal. —Oakland Sewer Constr. Co., 9915 Walnut St., Oakland, at $3831.50

awarded contract by Yancy Smith, % Geo. E. Crant Co., 30 South San Joaquin St., Stockton, for construction of sanitary sewers in the Westmoor Subdivision.

AWARD RECOMMENDED

LOS ANGELES, Cal.—Hull, Smale & Robinson, Inc., 1300 B St., Wilmington, at $26,400 recommended for award of contract by the City Engineer for reconstruction of the ocean outfall sewer at Hyperion (with monolithic concrete foundation).

CONTRACT AWARDED

SALINAS, Monterey Co., Cal.—W. E. Greene, 32 Willow St., Salinas, at $3885 submitted low bid and awarded contract by the Salinas City Council. F. E. Heple, City Clerk, for constructing a pumping station and the installation of two centrifugal sewage pumps in Sausal Street.

Granite Constr. Co., Watsonville, at $4850, submitted the only other bid.

BIDS WANTED

SAN FRANCISCO—Until May 20, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, for repairs to sewers and drainage systems at Letterman General Hospital, Presidio of San Francisco.

Plans and specifications obtainable from the above office upon deposit of $5.

CONTRACT AWARDED

VALLEJO, Solano Co., Cal.—R. R. Carlson, Weber Ave. and E St., Stockton, at $29,264 awarded contract by the Vallejo City Council for the construction of storm sewers in Virginia St. between Marin and Branciforte, and in Sonoma St. between Virginia and Maryland.

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal. —W. J. Tobin, 3701 Balfour Avenue, Oakland, at $27,675.85 awarded contract by the Stockton City Council for construction of a trunk line sanitary sewer from Center St to Pilgrim Street.

33— WATER WORKS

CONTRACT AWARDED

GLENDALE, Calif.—Paddock Engineering Co., 1027 N. Sycamore Ave., Los Angeles, at $11,752, awarded contract by the Glendale city council for furnishing and installing complete all swimming pool and bath house equipment with filtration pool and bath house equipment with filtration and water purification equipment for the Glendale municipal swimming pool in Verdugo Recreation Center.

BIDS WANTED

LOS ANGELES, Calif.—Until May 27, 2 p.m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing miscellaneous solid wedge type gate valves under Specifications No. X-16, for use in distribution mains in Los Angeles, San Fernando Valley and Stone Canyon areas. PWA Docket 1929-R, Units Nos. 8-a, 9-a and 10.

CONTRACT AWARDED

OAKLAND, Cal. — Berkeley Steel Constr. Co., Second and Camelia Sts., Berkeley, at $3450 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Spec. No. L.S. 169, for furnishing and erecting a 250,000-gal. steel storage tank.

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

PATTON, San Bernardino Co., Cal. —Standard Fence Co., 60th and Lowell, Oakland, at $3,330 submitted the low bid to the State Division of Architecture, Sacramento, for chain link fencing at the dairy area at the Patton State Hospital.

Complete bids follow:

Standard Fence Company	$3,330
Anchor Post Fence Company	3,350
Pacific Fence Const. Co.	3,485
Kamlan Fence Co.	3,530
Southern California Fence Co.	4,029

Bids held under advisement.

BIDS WANTED

PRESIDIO OF SAN FRANCISCO—Until May 15, 10 A. M., bids will be received by Captain S. W. Hulse, Constructing Quartermaster, Fort Mason, for installation of a flood lighting system at Crissy Field, Presidio of San Francisco.

Plans and specifications obtainable from the above office upon deposit of $.500.

CONTRACT AWARDED

KERN, TULARE & FRESNO COS. Ca..—Rexroth & Rexroth, 2110 C, Station A, Bakersfield, at $9798 awarded contract by the State Highway Commission, Sacramento, for landscaping highway roadsides on about 32.6 miles in Kern, Tulare and Fresno Counties, between Greenfield and Pierce Road; between Bush St. in Tulare and the south city limits of Kingsburg, and between Highland Avenue and the north city limits of Fowler.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Peterson Bros., 239 W. Olive St., Inglewood, at $1829.56 awarded contract by the State Highway Commission, Sacramento, for landscaping about three miles of highway roadsides in Los Angeles County, between the east city limits of Monrovia and the west city limits of Azusa.

BID OPENING DATE POSTPONED

SAN FRANCISCO.—Until May 13, 1:45 P. M. (date postponed from May 6) informal bids will be received by the Department of Public Works, Rm. 251, City Hall, for furnishing and installing a lawn sprinkling system for San Francisco War Memorial buildings at Van Ness Ave., Grove, Franklin and McAllister Streets.

Further particulars may be obtained from City Architect Chas. H. Sawyer, Room 265, City Hall.

CONTRACT AWARDED

SAN RAFAEL, Marin Co., Cal.—S. R. Sonneland, Fairfield, at $1280 awarded contract by San Rafael City Council for improvement to two tennis courts and construction of fencing around courts in Gerstle Park and Boyd Park. Work involves 11,000 sq. ft. of resurfacing.

Complete bids follow:

S. R. Sonneland, Fairfield	$1280
Bottini Bros., San Rafael	1900
M. T. Luebberke, San Rafael	2695

35— TUNNELS

CONTRACT AWARDED

MULTNOMAH COUNTY, Oregon.—Orino, Birkemeier & Saremal, Bonneville, at $196,947 awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for the construction of the Columbia River Highway grading and tunnel project No. 28-A, National Forest Road Proj. located within the Mt. Hood National Forest, Multnomah County.

The length of the project is approximately 0.028 mile grading, 0.158 mile tunnel, 0.145 mile haul road, and 0.182 mile paving.

BIDS WANTED

YAKIMA PROJ., Wash.—Until May 28, 10 A. M., bids will be received by the Bureau of Reclamation, Yakima, C. E. Crownover, Construction Engineer, under Spec. No. 682, for construction of Tunnel No. 1, station 59 plus 38 to Station 102, Yakima Ridge Canal, Roza division, Yakima Project.

The work is located near Yakima, and the principal items of work involved are:

(1) 8,390 c.y. all classes of open-cut excavation;
(2) 49,100 c.y. excav. in tunnel;
(3) 75 c.y. backfill;
(4) 150 c.y. concrete in portal structure and transition;
(5) 12,200 c.y. concrete in tunnel;
(6) 600 c.f. pressure grouting;
(7) Placing 15,000 lbs. of reinforcement bars;
(8) Furnishing and installing 45,000 lbs. permanent steel tunnel supports;
(9) Furnishing and erecting 15 M F B M permanent timbering in tunnel;
(10) Furnishing and installing 40,000 lbs. of steel tunnel liner plates;
(11) Constructing 2,235 l.f. 6- to 10-in. dia. tunnel drains;
(12) Drilling 300 l.f. grout holes.

Work shall be commenced within 30 calendar days and completed within 570 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Yakima; Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others, $1 not returnable.

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BIDS JUNE 9 FOR TWO UNITS AT CAMARILLO

Work Estimated At $160,000; Capitol Alteration Figures Taken

SACRAMENTO, May 12.—Bids for construction of two additional units at Camarillo state hospital will be opened here June 9, the State Division of Architecture announced today.

Part of the $1,890,000 program of expansion at Camarillo authorized by the last legislature, the units advertised for bids today will cost about $160,000, according to the estimate of State Architect Geo. B. McDougall.

Designated as units 12 and 13, the buildings will be a dining hall to accommodate 450 persons and a new one-story industrial building. Both structures will be of reinforced concrete with metal sash and tile roof.

The dining hall will cost approximately $85,000 and the industrial building $75,000, it is estimated.

Bids were received today by the Division of Architecture for alterations to the senate and assembly rooms in the state capitol.

For general work C. J. Hopkinson, Sacramento, submitted a low proposal of $7,954. Other bidders were F. H. Betz, Sacramento, $8,-220, and Holdener Construction Co. Sacramento, $8.703.

Three proposals for heating and ventilating work were received from Sacramento contractors, the low bidder being M. R. Carpenter at $10,497. Hately & Hately submitted a figure of $10,583, and Luppen & Hawley bid $10,839 for the work.

Electrical goods orders during the first quarter of 1936 totaled $153,452,432, as compared with $121-814,226 in the first quarter last year according to the census bureau.

Alameda County Steel Bridge To Cost $40,000

Bids are to be received June 9 by the Alameda County Board of Supervisors for erecting a steel truss bridge to replace an existing span on Decoto Road. Estimated cost is $40,000.

The structure will have a 24-ft. roadway with 4-ft. sidewalks on either side.

Principal items include 280,000 pounds of structural steel; 55,000 pounds reinforcing steel; 680 cubic yards of concrete in abutments and walls; 142 cubic yards of concrete in deck and sidewalks; 100 lineal feet of creosoted timber piles.

Specifications are available from County Engineer Burnett Hamilton on deposit of $25.

Architect Sharps Completing Plans on Hillsborough Homes

Plans are being completed by Architect Leo Sharps, Burlingame, for two Hillsborough residences to cost $11,000 and $15,000, respectively. Both will be two-story and basement of frame and stucco construction. Bids probably will be asked within a week.

Architect Sharps is taking figures May 18 from a selected list of contractors for a two - story and basement residence in Burlingame to cost about $10,000. He announces also the award of an $18,-000 contract to Oscar Cavanagh, San Mateo, for building a 12-room residence at Brockway on Lake Tahoe.

SIX MONTHS LEAVE FOR CITY ENGINEER

City Engineer H. D. Chapman of El Cerrito has been granted a six months leave of absence by the city council. Donald E. Kister has been appointed acting city engineer to serve until Mr. Chapman returns.

YOSEMITE ROAD WORK OFFERED TO COST $389,000

Bureau Invites Bids For Big Oak Flat Grading

A major grading contract in Yosemite National Park, held over from last year's construction program, was advertised yesterday by the U. S. Bureau of Public Roads for bids to be received June 4. The project has been alotted $389,000 from 1936 park road funds. It is located on Big Oak Flat road.

It will involve construction of 5.8 miles of road, including 43 ac. clearing; 262,000 cubic yards excavation; 575,000 station yards overhaul; 19,200 cubic yard miles haul; 5,030 lineal feet asphalt dipped metal pipe; miscellaneous items of masonry and rock embankment.

The contract will complete the park road construction program with available funds in the San Francisco district, except some work on Tioga Pass road to be contracted later. About $100,000 is available for the Tioga work.

The Bureau has not yet received an appropriation for forest and park road improvements for the new fiscal year.

CONSTRUCTION COST REPAID BY ROADS

Good roads pay their way by reducing operating costs of vehicles using them and, on heavily traveled roads, they return substantial profits to the public. So declares a report received by the California State Automobile Association from the United States Bureau of Public Roads. The statement was based upon a study of motor vehicle mileage in various states in comparison with highway expenditures.

"The actual saving in vehicle operating costs reulting from replacing a dirt road with a smooth, hard surface has been variously estimated and is probably not less than three cents a mile," the report says. "On this basis a large mileage of highways is earning substantial profits for the public."

TEICHERT LOW ON PAVING OF YOLO SECTION

Bids Opened For Highway Work To Cost $219,000

SACRAMENTO, May 13.—Low bids aggregating $219,000 were received today by the State Division of Highways on three construction contracts in Northern California counties, the largest project being grading and paving 3.5 miles in Yolo County for which A. Teichert & Son, Inc., Sacramento, submitted the low bid of $157,485.

Other low bids were those of N. M. Ball Sons, Berkeley, at $43,671 for constructing a reinforced concrete bridge and improving 1.5 mi. of highway in Glenn County; and C. F. Fredericksen & Sons, Lower Lake, at $18,959 for applying seal coat on 32.9 miles and oil treating portions in Modoc County.

Opening of bids for landscaping and installation of sprinklers in the Fifth Street Plaza, San Francisco terminal of the Bay Bridge, was postponed by Chief Engineer C. H. Purcell to permit revision of specifications. The work will be readvertised shortly.

Bids for about 3.5 miles grading and paving with asphalt concrete in Yolo County, between the Yolo Causeway and the M Street Subway, were received as follows:

A. Teichert & Son, Inc., Sacramento	$157,485
Union Paving Co., S. F.	159,184
Heafey-Moore Co., Oakland	183,537

Bids for constructing a reinforced concrete bridge, surfacing and constructing shoulders, etc., on 1.5 miles in Glenn County, between 4 miles south of Willows and 1 mile south of Artois, were received as follows:

N. M. Ball Sons, Berkeley	$43,671
Leo F. Piazza, San Jose	46,305
A. T. Howe, Santa Rosa	46,869

Bids for applying seal coat on about 32.9 miles and oil treating portions in Modoc County, between Hot Creek and Cedarville Mountain and between southerly boundary and Alturas, were received as follows:

C. F. Fredericksen and Sons, Lower Lake	$18,959
Hayward Bldg. Materials Co., Hayward	21,343
Dunn & Baker, Klamath Falls	21,693
J. C. Compton, McMinnville	24,151

IN NEW QUARTERS

Stone-Ryals Electric & Manufacturing Co. announces removal of their plant to larger quarters at 470 Natoma Street, San Francisco. The new telephone number is EXbrook 7800.

Architects to Tell Exposition Plans At Builders' Dinner

Plans for the 1939 San Francisco World's Fair will be presented to the building industry at a dinner May 26, sponsored by the American Institute of Architects, Northern California Chapter, and the Producers' Council, Northern California Club.

Developments in the construction program will be described by Architect William P. Day, director of works for the exposition. Architect George W. Kelham, chairman of the architectural commission for the exposition, will reveal the architectural plans.

Other speakers are to be Wm. E. Gillmore, executive officer of the exposition, and Leland W. Cutler, president of the exposition corporation.

The dinner will be held in the Colonial Room of the St. Francis Hotel. Reservations are being made by H. E. Root, secretary of the Producers' Council, 1865 California Street, and Jas. H. Mitchell, secretary, A.I.A., 369 Pine Street.

PERCENTAGE LEASE BULLETIN PREPARED

A bulletin on percentage leases is being planned for early publication by the brokers division of the National Association of Real Estate Boards.

The bulletin will include all the various percentage rate tables in any common use from accepted sources for such leasing. These list the percentage of gross income which various types of business in general can afford to pay as rent. The bulletin will cite the source of each such table of rates so far compiled, and will tabulate them for ready comparison.

The report will set forth objectively both the advantages and the limitations of the percentage type of lease.

ELECTRIC EQUIPMENT COSTS TABULATED

Designed to assist in rural electrification programs, a four-page bulletin discussing and tabulating costs of operating electric farm and home equipment is a recent publication of General Electric Co., Schenectady, N. Y. Fifty thousand coipes of the bulletin are available for groups interested in contacting farm homes on the subject, the firm states.

The bulletin, listed as publication GEA-2248A, may be obtained free of charge in quantities of less than 500 by addressing General Electric's Rural Electrification Section in Schenectady.

HICKAM FIELD WORK TO COST $18,000,000

Early Contracting Of Buildings At Huge Base Promised By Capt. Nurse

Further building contracts at Hickam Field, newest and largest Army air base, will be let this summer, according to advices received from Capt. H. B. Nurse, constructing quartermaster. Many contractors from the mainland are expected to participate in constructing the new $18,000.000 post in the Hawaiian Islands.

Bids were received last week for the first set of four double hangars, on which Robert E. McKee of Los Angeles submitted the low bid.

In a letter received yesterday, Captain Nurse states:

"At present, we have approximately $4.500,000, out of which the only buildings that will be erected are the four double hangars on which Robert E. McKee submitted the low bid on April 28, and the construction of eight magazines, one operations building, and a dock and boathouse. The balance of the funds will be used for utilities, part of which are now under contract.

"The dock and boathouse, which it is estimated will cost $85,000 will be advertised May 5 and bids will be opened both here and at Fort Mason on June 4. Plans for the magazines have been completed, and probably will be placed under advertisement in the near future. Plans for the operations building are being prepared in Washington, and will be advertised probably after the first of July.

"It is estimated that the total cost of this whole project, outside of the purchase of land, will be approximately $18,000,000."

A layout of the new field forwarded by Capt. Nurse shows several hundred officers' quarters contemplated for future construction, eight double hangars, two single service hangars, twelve barracks units, shops, warehouses, garages, headquarters building, infirmary, theater, gymnasium, school, service club, store group and numerous miscellaneous structures.

REX MOTO-MIXER CATALOG READY

A 1936 catalog illustrating the design and applications of the new Rex Moto-Mixers and Agitators has been issued by Chain Belt Co., 1600 West Bruce St., Milwaukee, Wis. In addition to dimension drawings and specifications for the various types of mixers and agitators, the catalog contains numerous illustrations and descriptions of the equipment at work.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
885	Heyman	Owner	4950
886	Heyman	Owner	4500
887	Heyman	Owner	4500
888	Heyman	Owner	4500
889	Heyman	Owner	4950
890	Heyman	Owner	5750
891	Heyman	Owner	5750
892	Heyman	Owner	4950
893	Heyman	Owner	4500
894	Allied	Ostlund	4500
895	Bernhard	Owner	3500
896	Bernhard	Owner	3500
897	De Benedetti	Owner	4000
898	Crane	Stockholm	1750
899	Rennat	McAfee	27500
900	Sbarboro	Sbarboro	40000
901	Franco	Profurni	3600
902	Morris	Owner	4000
903	Land	Owner	3500
904	Staman	Wolter	5000
905	Malfanti	——	1800
906	American	Patterson	1850
907	Moriconi	Owner	7200
908	Grahn	Owner	3000
909	Grahn	Owner	3000
910	Grahn	Owner	3000
911	Grahn	Owner	3000
912	Carlson	Hallgren	9000
913	Johnson	Johnson	15000
914	McGregor	Disston	7400
915	Krieger	McFarland	1000
916	Haegele	Owner	4400
917	Heyman	Owner	5750
918	Reco	Owner	4000
919	Reco	Owner	4000
920	McCarthy	Schulz	6500
921	McCarthy	Schulz	6500
922	Haase	Owner	35000
923	Cherin	Owner	5000
924	Lydon	Gettens	2000
925	Blumberg	Owner	3000
926	Edmonds	Lindsay	3750
927	Frediani	Ragni	1200
928	Kreuger	Hendrickson	3500
929	Jarkich	Owner	6000
930	Parachini	Baker	4000
931	Walters	Owner	1200
932	Mohler	Owner	3500
933	Galli	Owner	4500
934	Galli	Owner	4500
935	Depaoli	Lindsay	3500
936	Depaoli	Lindsay	3500
937	Depaoli	Lindsay	3500
938	Depaoli	Lindsay	3500
939	McAfee	Owner	3500
940	McAfee	Owner	3000
941	Giovanetti	Yrigoyen	4000
942	Rosenberg	Baker	8000
943	Freeman	Schell	4000
944	Williams	Ratto	3600
945	Strand	Owner	12000
946	Hyman	Jacks	1000
947	Childrens	Owner	2500
948	Hobart	Meinberger	2000
949	Banick	Rosemont	5000
950	Emporium	Barrett	30000
951	Veyhle	Owner	3500

DWELLING
(885) E LORAINE ST. 163 N Anza St. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $4950

DWELLING
(886) W LORAINE ST. 86 N Anza. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $4500

DWELLING
(887) W LORAINE SE. 152 N Anza St. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $4500

DWELLING
(888) W LORAINE ST. 53 N Anza St. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $4500

DWELLING
(889) W LORAINE ST. 185 N Anuza St. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $4950

DWELLING
(890) E LORAINE ST. 97 N Anza St. One-story and basement frame dwelling..
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5750

DWELLING
(891) E LORAINE ST. 64 N Anza St. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5750

DWELLING
(892) E LORAINE ST. 196 N Anza St. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $4950

DWELLING
(893) W LORAINE ST. 119 N Anza St. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $4500

ALTERATIONS
(894) NO. 328 POST ST. Alter store
Owner—Allied Properties, 745 Market St., San Francisco.
Architect—Albert F. Roller, Crocker 1st National Bank Bldg., S. F.
Contractor—Ostlund & Johnson, 1901 Bryant St. $4500

DWELLING
(895) W THIRTIETH AVE. 175 N Taraval St. One-story and basement frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval St., San Francisco.
Architect—Not Given. $3500

DWELLING
(896) W THIRTIETH AVE. 200 N Taraval St. One-story and basement frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval St., San Francisco.
Architect—Not Given. $3500

DWELLING
)897) SE SAN JUAN AND CAYUGA frame dwelling.
Sts. One-story and basement
Owner—A. De Benedetti, 100 Brazil St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(898) NO. 301-321 BRANNAN ST. Alter office and warehouse.
Owner—Crane Co., Premises.
Plans by Bldg. Dept. of Owner, Chicago, Ill.
Contractor—Chas. Stockholm & Sons Russ Bldg., San Francisco. $1750

APARTMENTS
(899) N FOURTEENTH ST. 169 W Guerrero St. Three-story frame apartments.
Owner—Katherine Rennat et al, 550 14th St., San Francisco.
Architect—H. C. Baumann, 251 Ketrny St., San Francisco.
Engineer—Jas. M. Smith, 251 Kearny St., San Francisco.
Contractor—R. A. McAfee, 125 Cervantes St., S. F. $27,500

THEATRE
(900) N CHESTNUT ST. 141 W Scott St. One-story Class C theatre.
Owner—R. E. Sbarboro and H L Detgen, 207 Walnut St., S. F.
Architect—John Ahnden, 822 39th Ave. San Francisco.
Engineer—L. H. Nishkian, % Contractor.
Contractor — Sbarboro & Jorgensen, 2225 Nort Point St. $40,000

DWELLING
(901) S SCHWERIN ST. 241 E Visitacion St. One-story and basement frame dwelling.
Owner — Giovanni Franco, 770 Delta St., San Francisco.
Architect—Not Given.
Contractor — Cornelio Profurni, 1244 Hampshire St. $3600

DWELLING
(902) W THIRTY-SECOND AVENUE 250 S Santiago St. One-story and basement frame dwelling.
Owner — A. T. Morris & Sons, 5400 Fulton St., San Francisco.
Architect—Not Given. $4000

DWELLING
(903) S VICENTE ST. 95 W 22nd Ave. One-story and basement frame dwelling.
Owner — Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $3500

DWELLING
(904) N MAYWOOD 75 W Yerba Buena Ave. One-story and basement frame dwelling.
Owner—H. W. Seaman, 601 Mason St. San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco.
Contractor—Paul A. Wolter Jr., 70 Fernwood St. $5000

ALTERATIONS
(905) NO. 826 MISSION ST. Alter stores and lofts.
Owner—J. Malfanti et al, % Architect
Architect—Carl Geilfuss, 1095 Market St., San Francisco. $1800
Contractor—Not Awarded. $1800

ALTERATIONS
(906) NO. 100 BAY ST. Alter factory.
Owner — American Cream of Tartar Co. Premises.
Architect—Not Given.
Contractor—Patterson & Koster Iron Works, Inc., 280 13th St. $1850

DWELLING
(907) S GREEN ST. 214 E Octavia St. Two - story and basement frame dwelling.
Owner—Guido Moriconi, 1670 Chestnut St., San Francisco.
Architect—Not Given. $7200

DWELLING
(908) W NUEVA 250 S Blanken. One-story and basement frame dwelling
Owner and Builder—Wm. H. Grahn 2965 Mission Street.
Architect—Not Given. $3,000

DWELLING
(909) W NUEVA 100 S Blanken. One-story and basement frame dwelling.
Owner and Builder—Wm. H. Grahn. 2965 Mission Street.
Architect—Not Given. $3,000

DWELLING
(910) W NUEVA 275 S Blanken. One-story and basement frame dwelling.
Owner and Builder—Wm. H. Grahn. 2965 Mission Street.
Architect—Not Given. $3,000

DWELLING
(911) W NUEVA 225 S Blanken. One-story and basement frame dwelling.
Owner and Builder—Wm. H. Grahn. 2965 Mission Street.
Architect—Not Given. $3,000

APARTMENTS
(912) NW 16th AVE. and Taraval. Two-story frame apartments.
Owner—Eric Carlson, 1433 17th Ave.
Architect—F. F. Amandes, 414 Dewey.
Contractor—A. Hallgren, 1594 29th Avenue. $9,000

FACTORY
(913) W POTRERO 100 N 19th St. One-story Class C office and factory.
Owner—L. & W. Johnson, 666 Mission Street.
Architect—Not Given.
Contractor—Louis Johnson, 666 Mission Street. $15,000

ALTERATIONS
(914) 3185 SAN JOSE AVE. Alter dwelling.
Owner—Williams McGregor, premises.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—A. D. Disston, 666 Mission Street. $7,400

ALTERATIONS
(915) 3635 GEARY. Alter storage building.
Owner—Harry Kreiger, premises.
Architect—Not Given.
Contractor—James A. McFarland, 710 47th Ave. $1,000

DWELLING
(916) N 20th ST. 225 E Noe. One-story and basement frame dwelling.
Owner—Carl and Elsie Haegle, Collingwood St.
Architect—Not Given. $4,400

DWELLING
(917) E LORAINE 130 N Anza. One-story and basement frame dwelling.
Owner and Builder—Heyman Brothers 742 Market Street.
Architect—Not Given. $5,750

DWELLING
(918) W 8th AVE. 175 N Fulton St. One - story and basement frame dwelling.
Owner and Builder—Reco Corp., 1136 Clement Street.
Architect—Not Given. $4,000

DWELLING
(919) E ALEMANY 188 N Ottawa. One - story and basement frame dwelling.
Owner and Builder—Reco Corp., 1136 Clement Street.
Architect—Not Given. $4,000

APARTMENTS
(920) E DARRELL 187 N Filbert St. Two-story frame apartments.
Owner—McCarthy & Teel, 485 California Street.
Architect — Michael Goodman, 2163 Center St., Berkeley.
Contractor—H. K. Schulz, 811 Mendocino Ave., Berkeley. $6,500

APARTMENTS
(921) E DARRELL 162 N Filbert St. Two-story frame apartments.
Owner—McCarthy & Teel, 485 California Street
Architect — Michael Goodman, 2163 Center St., Berkeley.
Contractor—H. K. Schulz, 811 Mendocino Ave., Berkeley. $6,500

ADDITION
(922) W MASON ST. 42 N Turk St. Nine-story Class A hotel addition.
Owner—Arnold Haase, Oxford Hotel
Engineer—W. Adrian, 417 Market St.
Architect—H. C. Baumann, 251 Kearny Street. $35,00

FLATS
(923) SE 11th AVE. and Judah St. Two-story frame flats.
Owner and Builder—Ben K. Cherin. 560 Irving Street.
Architect—Not Given. $5,000

STATION
(924) SE ARMY AND BAYSHORE Blvd. Steel service station.
Owner—Lydon Bros., Premises.
Architect—Not Given.
Contractor — H. T. Gettins Co., 268 13th St., San Francisco. $2000

DWELLING
(925) S MINERVA ST. 255 W Capitol St. One-story and basement frame dwelling.
Owner—W. Blumberg, 60 Mirabel St., San Francisco.
Architect—Not Given. $3000

DWELLING
(926) E THIRTY-FIFTH AVE 75 N Balboa St. One-story and basement frame dwelling.
Owner—J. W. Edmonds, 677 43rd Ave., San Francisco.
Architect—Not Given.
Contractor — Boyd C. Lindsay, 183 Oxford St., San Francisco. $3750

ALTERATIONS
(927) NO. 51 AVILA ST. Alter dwelling
Owner—M. Frediani, Premises.
Architect—Not Given.
Contractor—Joseph Ragni, 134 Acton St., San Francisco. $1200

DWELLING
(928) E CRAGMONT ST. 410 N Quintara St. One-story and basement frame dwelling.
Owner—Geo. L. Kreuger, 600 Pacheco St., San Francisco.
Architect—Not Given.
Contractor — A. Hendrickson, 6458 Raymond St., Oakland. $3500

STORAGE BLDG.
(929) SW BAYSHORE BLVD. AND Islais Creek. Storage building.
Owner—Al. Jarkich, 2417 Harrison St. San Francisco.
Architect—Not Given. $6000

DWELLING
(930) W MARKET ST. 258 S Romain St. Two-story and basement frame dwelling.
Owner—E. Parachini, 3644 Market St., San Francisco.
Architect—Not Given.
Contractor—Baker & Wagner, 86 Fairfield St., S. F. $4000

ALTERATIONS
(931) NO. 321 JUDAH ST. Alter store and flat.
Owner—Carl Walters, Premises.
Architect—Not Given. $1200

DWELLING
(932) N CABRILLO ST. 120 E 47th Ave. One-story and basement frame dwelling.
Owner—T. E. Mohler, 751 28th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(933) E THIRTY-THIRD AVE. 175 S Irving St. One-story and basement frame dwelling.
Owner—R. F. Galli, 377 West Portal, San Francisco.
Architect—Not Given. $4500

DWELLING
(934) E THIRTY-THIRD AVE. 225 S Irving St. One-story and basement frame dwelling.
Owner—R. F. Galli, 377 West Portal, San Francisco.
Architect—Not Given. $4500

DWELLING
(935) E CAYUGA AVE. 225 N Santa Rosa Ave. One-story and basement frame dwelling.
Owner—L. Depaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3500

DWELLING
(936) E CAYUGA AVE. 175 N Santa Rosa Ave. One-story and basement frame dwelling.
Owner—L. Depaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3500

DWELLING
(937) E CAYUGA AVE. 250 N Santa Rosa Ave. One-story and basement frame dwelling.
Owner—L. Depaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3500

DWELLING
(938) E CAYUGA AVE. 200 N Santa Rosa Ave. One-story and basement frame dwelling.
Owner—L. Depaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3500

DWELLING
(939) S DEMONTFORD ST: 50 W Miramar St. One-story and basement frame dwelling.
Owner—R. A. McAfee, 125 Cervantes St., San Francisco.
Architect—Not Given. $3500

DWELLING
(940) S DEMONTFORD ST. 75 W Miramar St. One-story and basement frame dwelling.
Owner—R. A. McAfee, 125 Cervantes St., San Francisco.
Architect—Not Given. $3000

DWELLING
(941) S THOMAS ST. 58 E Keith St. One-story and basement frame dwelling.
Owner—M. Giovanetti, % Contractor.
Architect—Not Given.
Contractor—Joe Yrigoyen, 31 Thornton St., San Francisco. $4000

DWELLING
(942) W KEARNY ST. 81 S Lombard St. Two-story and basement frame dwelling.
Owner—Budd Rosenberg, 1930 Sacramento St., San Francisco.
Architect — Ed. Musson Sharpe, 111 Sutter St., San Francisco.
Contractor — Baker & Wagner, 86 Fairfield St., S. F. $8000

ALTERATIONS
(943) NO. 78 ELLIS ST. Alter restaurant.
Owner—Wm. H. Freeman, Chancellor Hotel, San Francisco.
Architect—Not Given.
Contractor—Fred W. Schell, 666 Mission St., San Francisco. $4000

ALTERATIONS
(944) NO. 200 DOUGLASS STREET. Alter store and flat.
Owner—G. Williams, Premises.
Architect—Not Given.
Contractor—Victor E. Ratto, 4594 19th St., San Francisco. $3600

APARTMENTS
(945) W TWENTY-FIFTH AVE. 140 N Fulton St. Three-story frame apartments.
Owner—T. I. Strand, 670 Victoria St., San Francisco.
Architect—Schultz & Dakin, Williams Bldg., San Francisco. $12,000

ALTERATIONS
(946) SW EDDY AND TAYLOR STS. Alter store.
Owner—Hyman Estate Co., % Architect.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. $1000

ALTERATIONS
(947) CALIFORNIA AND MAPLE Sts. Alter hospital.
Owner—Children's Hospital, Prem.
Architect — Martin A. Sheldon, Monadnock Bldg., San Francisco.
Engineer—A. V. Saph Jr., Rialto Bldg. San Francisco. $2500

ALTERATIONS
(948) 23 GRANT AVE. Alter loft building.
Owner—Hobart Estate Co. % contractor.
Architect—Bliss & Fairweather, Balboa Building.
Contractor — H. S. Meinberger, 956 Folsom St. $2,000

DWELLING
(949) E SAN JOSE 241 N 29th St. Two-story frame dwelling.
Owner—John Branick, 130 Erie.
Architect—Not Given.
Contractor—Ed Rosemont, 176 Duboce Avenue. $5,000

ALTERATIONS
(950) 835-65 MARKET ST. Alter store.
Owner—The Emporium, premises.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St. $30,000

DWELLING
(951) E 24th AVE. 25 N Lawton. One-story and basement frame dwelling.
Owner & Builder—Theo. Veyhle, 1326 22nd Avenue.
Architect—Not Given. $3,500

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
536	Johnson	Owner	4000
537	Randolph	American	5300
538	Muller	Peters	3000
539	Duffy	Owner	3500
540	Whealen	Larmer	7900
541	Armanino	Beckett	5500
542	Weber	Rose	2500
543	Yewdall	Johnston	6000
544	Pfrang	Owner	4000
545	Dooley	Owner	2200
546	Hill	Flagg	4650
547	City	Nelson	112000
548	Dickinson	New	3300
549	Lyon	Owner	3750
550	Gibson	Dooley	5000
551	Crellin	Nordstrom	9500
552	Greig	Aitchison	1810
553	Moen	Owner	3500
554	Bonds	Owner	6000
555	Winslow	Owner	1400
556	Wolff	Owner	3500
557	Wallin	Owner	4000
558	Selby	Owner	2700
559	Barr	Tranmal	6400
560	Netherby	Owner	5000
561	Gartner	Windsor	10000
562	Bowman	Shapero	10000
563	Johnson	Owner	6700
564	Alameda	Owner	2000
565	Tompkins	Walker	1000
567	Scammell	Owner	5000
568	Chambers	Rugg	4000
569	Tracy	Leekins	4500
570	Brooks	Haskell	18635

DWELLING
(536) LOT 655 west of Colton Blvd., **OAKLAND.** Two-story six-room dwelling.
Owner and Builder—O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given. $4,000

DWELLING
(537) 4432 ARCADIA Ave. **OAKLAND.** One-story 6-room dwelling.
Owner—Mrs. Randolph.
Plans by D. Crooks.
Contractor—New American Homes & Inv. Corp., 123 High St., Alameda $5300

DWELLING
(538) 1380 ACTON, **BERKELEY.** One-story 6-room frame dwelling.
Owner—Hugo Muller, Jr., 6339 Contra Costa Road, Oakland.
Architect—Not Given.
Contractor—A. L. Peters, 223 Duncan Way, Oakland. $3,000

ALTERATIONS
(539) 2336 CHANNING WAY, **BERKELEY.** Alterations & additions.
Owner and Conotractor—C. H. Duffy, 2336 Channing Way, Berkeley.
Architect—Not Given. $3500

RESIDENCE
(540) NO. 298 INDIAN ROAD, **PIEDMONT.** Two-story 7-room residence and garage.
Owner—Edgar Whealen.
Architect—Not Given.
Contractor—Edward Larmer, 90 Fairview Ave., Piedmont. $7900

DWELLING
(541) 6055 ROCKWELL ST., **OAKLAND.** One-story 5-room dwelling.
Owner—Frank Armanino, 6037 Chabot Road, Oakland.
Architect—R. F. Keefer, 585 Mandana Blvd., Oakland.
Contractor—A. T. Beckett, 315 14th St., Oakland. $5500

REPAIRS
(542) 1454 8th ST., **OAKLAND.** Fire repairs.
Owner—Celine Weber, 1454 8th St., Oakland.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $2500

DWELLING
(543) 5927 CHELTON DRIVE, **OAKLAND.** Two-story 6-room dwelling.
Owner—M. A. Wewhall, 2639 Dana St., Berkeley.
Architect—Not Given.
Contractor—W. P. Johnston 2639 Dana St., Berkeley. $6,000

DWELLING
(544) 120 ALTA ROAD, **OAKLAND.** One-story 5-room dwelling.
Owner and Builder—C. J. Pfrang, 6300 Claremont Ave., Oakland
Architect—Not Given $4,000

DWELLING
(545) 6173 VALLEY VIEW DRIVE. **OAKLAND.** One-story five-room dwelling.
Owner and Builder — H. W. Dooley, 128 Rose Ave., Oakland.
Architect—Not Given. $2200

DWELLING
(546) 3015 BUENA VISTA, **BERKELEY.** One-story 3-room frame dwelling.
Owner—Roy E. Hill, 1643 La Loma Ave., Berkeley.
Architect—Not Given.
Contractor—J. S. Flagg, 3387 Morcom Ave., Oakland. $4650

ALTERATIONS
(547) CENTRAL AVE. between Oak and Walnut Sts., **ALAMEDA.** Alterations.
Owner—City of Alameda School Dept. Oak St. and Alameda Ave., Alameda.
Architect—Not Given.
Contractor—A. Nelson, 454 Montgomery St., San Francisco. $112,000

DWELLING
(548) 1810 SAN ANTONIO AVENUE, **ALAMEDA.** One-story five-room dwelling.
Owner—Susan Dickinson.
Architect—Not Given.
Contractor—New American Homes & Inv. Corp., 1623 High St., Alameda. $3,300

DWELLING
(549) 2450 ROOSEVELT DR., **ALAMEDA.** Two-story 6-room dwelling.
Owner and Builder—C. D. Lyon, 6501 Buena Vista, Oakland.
Plans by Owner $3750

DWELLING
(550) 4231 DETROIT AVE., **OAKLAND.** One-story 5-room dwelling.
Owner—Wm. Gibson, 3015 Logan St., Oakland
Architect—Not Given
Contractor—Fred T. Dooley, 3936 Vale Ave., Oakland. $5000

ALTERATIONS
(551) 1222 WASHINGTON St., **OAKLAND.** Alterations.
Owner—Thos. Crellin Estate Co., Central Bank Bldg., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor—David Nordstrom, 354 Hobart St., Oakland $9,500

ALTERATIONS
(552) 5428 WENTWORTH AVENUE, **OAKLAND.** Alterations.
Owner—Mrs. Wm. Greig, 5428 Wentworth Ave., Oakland
Architect—Not Given.
Contractor—J. M. Aitchison & Sons, 752 Pacific Ave., Alameda. $1810

DWELLING
(553) 2014 86th AVE., **OAKLAND.** One-story 5-room dwelling, and 1-story garage.
Owner and Builder—Ole Moen, 1201 E 16th St., Oakland.
Architect—Not Given. $3700

DWELLING
(554) 434 VASSAR, BERKELEY; 1 story 7-room frame dwelling and garage.
Owner and Builder—Milton S. Bonds, 583 Spruce St., Berkeley.
Architect—Not Given. $6,000

ALTERATIONS
(555) NO. 5430 YGNACIO AVENUE, OAKLAND. Alterations.
Owner—A. Lyle Winslow, M. D., 5339 Trask St., Oakland.
Architect—Not Given $1400

DWELLING
(556) 3233 MILLSVIEW AVENUE, OAKLAND. One-story five-room dwelling.
Owner—P. A. Wolff, 4514 E-14th St., Oakland.
Plans By Guy L. Brown $3500

DWELLING
(557) NO. 7529 OUTLOOK AVENUE, OAKLAND. One-story five-room dwelling.
Owner—Folke Wallin, 2150 50th Ave., Oakland.
Architect—Not Given $4000

REPAIRS
(558) NO. 1905 WEST ST., OAKLAND. Fire repairs and alterations.
Owner—Louis P. Selby.
Architect—Not Given. $2700

DWELLING
(559) NO. 680 SPRUCE ST., BERKELEY. One-story 6-room frame dwelling and garage.
Owner—Mrs. Jas. A. Barr, 1630 Scenic Ave., Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor — Enoch Tranmal, 483 Crescent St., Oakland. $6400

DWELLING
(560) NO. 486 VASSAR STREET, BERKELEY. Two-story 7-room frame dwelling and garage.
Owner—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given. $5000

FLATS
(561) NO. 1521-23 LEIMERT BLVD., OAKLAND. Two-story 10-room flats.
Owner—M. G. and K. E. Gartner, 1425 1425 Harrison St., Oakland.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont. $10,000

DWELLING
(562) 51 MARR AVE., OAKLAND. Two-story 8-room dwelling.
Owner—S. R. Bowman.
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley.
Contractor—S. M. Shapero, 2014 Shattuck Ave., Berkeley. $10,000

DWELLING
(563) NO. 3721 YOUNG AVE., OAKLAND. Two-story seven-room dwelling and one-story garage.
Owner — O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given. $6700

TANKS, ETC.
(564) N FOURTH ST. 150 E Webster St., OAKLAND. Steel tanks and frame.
Owner—County of Alameda, 829 Harrison St., Oakland.
Architect—Not Given. $2000

ADDITIONS
(565) NO. 2526 DURANT AVE., BERKELEY. Additions.
Owner—P. T. Tompkins, Premises.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $1000

RESIDENCE
(566) NO. 550 BLAIR AVE., PIEDMONT. Two-story 9-room residence and garage.
Owner—Minetta S. Ellen, 4551 Taylor St., San Francisco.
Architect—Not Given.
Contractor—Sigwald Bros., 916 Alma Ave., Oakland. $11,000

DWELLING
(567) 2521 CORDOVA ST., OAKLAND. One-story 6-room dwelling.
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Oakland.
Architect—Not Given. $5,000

DWELLING
(568) 4537 FAIRBAIRN AVE., OAKLAND. One-story 5-room dwelling.
Owner—F. D. Chambers, 1428 Franklin St. Oakland.
Architect—Not Given.
Contractor—R. R. Rugg, 1428 Franklin St., Oakland. $4,000

DWELLING
(569) 3251 FLORIDA ST., OAKLAND. Two-story 6-room dwelling.
Owner—S. A. Tracy, 4481 Moraga Avenue, Oakland.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland. $4500

DWELLING

(570) 175 PERSHING DRIVE, OAKLAND. One-story 8-room dwelling.
Owner—Howard L. Brooks, 600 Prospect Ave., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway Ave., Oakland.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
43	Cole	Gladstone	9133

ALTERATIONS
(43) 3329 WASHINGTON St. Miscellaneous alterations to frame dwelling.
Owner—Louis M. and Hilda E. Cole, 1250 Jones Street.
Architect—Farr & Ward, 68 Post St.
Contractor—D. B. Gladstone, 557 Market Street.
Filed, May 13, '36. Dated May 12, '36. Various payments.
TOTAL COST not to exceed $9,133
Forfeit, $10 per day. Limit, 80 working days. Plans and spec. filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

58	Struble	Holyoake	13361
59	Barr	Tranmal	6503
60	Brooks	Haskell	18635
61	Bliss	Alexander	6500

RESIDENCE
(58) HAMPTON ROAD, Hayward. Residence.
Owner—Adelaide D. Struble, 804 Pinedale Court, Hayward.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor — Arthur Holyoake, 2839 East Ave., Hayward.
Filed, May 7, '36. Dated, May 6, '36.
5th of each mo. 75%
Usual 35 days 25%
TOTAL COST, $13,361
Bond, $13,361. Sureties, Fidelity Casualty Co. of New York. Limit, 120 days. Plans and specifications filed

RESIDENCE
(59) NO. 680 SPRUCE ST., Berkeley All work for one-story six-room frame residence.
Owner — Julia I Barr, 1630 Scenic Ave., Berkeley.
Architect—Wm. W. Wurster, 260 California St., San Francsico.
Contractor — Enoch Tranmal, 483 Chescent St., San Francisco.
Filed May 11, '36. Dated May 9, '36.
Frame completed 1625.75
1st coat plaster on 1625.75
When completed 1625.75
Usual 35 days 1625.75
TOTAL COST, $6503.00
Bond, none. Limit, Aug. 1, 1936. Forfeit, none. Plans and specifications filed.

RESIDENCE
(60) LOT 11 BLK D, Montclair Acres Oakland. Residence and separate garage.
Owner—Kathleen V. Brooks, 600 Prospect Ave., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway Ave., Oakland.
Filed, May 13, '36. Dated, May 7, '36.
Frame up, roof rafters in $4612
Plastered 4612
Completion 4612
Usual 35 days 4613
One year after completion filed 186
TOTAL COST, $18,635
Bond, $18,635. Sureties, Standard Accident Insurance Co. Limit, 10 days. Plans and Spec. filed.

SERVICE STATION
(61) 14th and MADISON STREETS, Oakland. Gas service station.
Owner—Mattie K. Bliss, Mary K. Adams, Alice K. Roberts, Thos. Knowles, D. D. Watson.
Plans by Richfield Oil Co., 4035 Park Blvd., Oakland.
Contractor — F. D. Alexander, 434 Wayne St., Oakland.
Filed, May 13, '36. Dated, May 4, '36.
Grading completed and tanks installed $1500
All concrete complete 1500
Buildings completed 1500
Usual 35 days 2000
TOTAL COST, $6,500
Bond, $6500. Sureties, Pacific Indemnity Co. Forfeit, $5 per day. Limit, 45 days. Plans and Spec. filed.

SAN FRANCISCO UNDER $1000

SIGN, $50; 1137 Market; owner, Presto Coffee Shop, premises; contractor, State Mfg. Co., 55 Rausch St.
ALTER dwelling, $100; 710 Athens St. owner, Geo. J. Galvin, premises.
ALTER dwelling, $950; 26 Jordan St.; owner, Dr. F. B. Quinn, 2034 Beach Street.
ALTER dwelling, $75; 244 Cotter St.; owner, F. Hughes, premises; contractor, Dan C. Richardson, 4400 19th st.
ALTER dwelling, $200; 530 30th Ave.; owner, Hugo H. Voss, premises.
FLUES, $70; 2370 Washington St.; owner, Hugo Arnstein, premises; contractor, John J. Delucchi, 1526 Powell St.
ALTER flats, $900; 189 Chattanooga St.; owner, H. Wedell, c/o contractor; contractor, Ira W. Coburn, 2048 Market St.
ALTER dwelling, $200; 25 Laidley St.; owner, Robert Nathan, premises.
ALTER Commercial Bldg., $450; 855 McAllister St.; owner Automotive Purchasing Co., Inc., premises.
FLUES, $65; 850 Bush St.; owner. Threadgill, premises; contractor, John J. Delucchi, 1526 Powell St.
SIGN, electric, $100; 311 Eddy Street; owner, Foley's, premises; contractor, Apex Elec. Co. 363 Fell St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded.
APARTMENTS Cost, $40,000
SAN FRANCISCO. N Fourteenth St. 169 W Guerrero St.
Three-story and basement frame and stucco apartment building (9 3-room and 3 2-room apts.) flat tar and gravel roof, steam heating system, hardwood floors, tile baths, wood sash, etc.
Owner—Mrs. Vincent Renna and Roy A. and Frank G. Easich.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Robert McAfee, 125 Cervantes Blvd., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $3500
SAN FRANCISCO. No. 1016 Fillmore Street.
Alterations to apartments.
Owner—O. Schmidt, 1515 Golden Gate Ave., San Francisco.
Architect—Not Given.
Contractor — B. Wagner, 86 Fairfield Way, San Francisco

Contract Awarded
APARTMENTS Cost, $8,000 each
SAN FRANCISCO. E Darrell St. N Filbert St.
Two 2-story frame and stucco apartment buildings.
Owner—McCarthy & Teel, 485 California Street.
Architect — Michael Goodman, 2163 Center St., Berkeley.
Contractor—H. K. Schulz, 811 Mendocino Ave., Berkeley.

Bids Rjected
ALTERATIONS Cost, $5,000
SAUSALITO, Marin Co., Calif.
Alterations to apartment bldg. (heating, plumbing, plastering, painting, electrical work, mill work)
Owner—Mabel Wright.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $15,000
SAN FRANCISCO. W Twenty-fifth Ave. 140 N Fulton Street.
Three-story frame and stucco apartments.
Owner and Builder—T. I. Strand, 670 Victoria St., San Francisco.
Architect—Schuetz & Dakin, Williams Bldg., San Francisco.

3— CHURCHES

Plans Being Figured—Bids Close May 25th, 7 P. M.
ADDITION Cost, $100,000
KINGSBURG, Fresno Co., Cal. Highway 99 and Mt. View Avenue.
Addition to winery (additional storage and cooperative facilities, etc.)
Owner — Muscat Cooperative Winery Assn. (C. W. Tremper).
Architect—H. Raphael Lake, Pacific Southwest Bldg., Fresno.
Plans and specifications may be obtained from the architect. Bids will be opened at the winery in Kingsbury.

4— FACTORIES & WAREHOUSES

Bids Opened.
SHED EXTENSION Cost, $85,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
Superstructure for extension to Transit Shed No. 2 (270 ft. northerly extension) steel and concrete construction).
Owner — City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Low Bidder—E. T. Lesure, 87 Ross Circle, Oakland.
Complete bids follow:
(1) Work complete.
(2) Steel rolling doors, add.
(3) Electrical work, add.
(4) Sprinkler system, fuse link type. add.
(5) Sprinkler system, container type. add.

E. T Lesure, Oakland	(1)	$39,805
	(2)	2,180
	(3)	2,512
	(4)	4,618
	(5)	4,743
Geo Swanstrom, Oakland	(1)	39,981
	(2)	2,163
	(3)	2,816
	(4)	4,909
	(5)	5,036
Gould & Kane, Berkeley	(1)	40,460
	(2)	2,100
	(3)	2,475
	(4)	4,756
	(5)	4,891
Villadsen Bros., Piedmont	(1)	42,000
	(2)	2,200
	(3)	2,500
	(4)	4,800
	(5)	4,900
Louis C. Dunn, S. F.	(1)	42,343
	(2)	2,025
	(3)	2,350
	(4)	4,400
	(5)	4,512
W. K. Van Bokkelen Construction Co., Oakland	(1)	42,670
	(2)	2,180
	(3)	2,750
	(4)	4,650
	(5)	4,750
J. E. Branagh, Oakland	(1)	43,100
	(2)	2,400
	(3)	3,100
	(4)	4,850
	(5)	4,950
C. L. Wold Constr. Co., Ltd San Francisco	(1)	47,800
	(2)	2,290
	(3)	2,638
	(4)	4,850
	(5)	4,883

Bids held under advisement.

Bids Opened
SHOP Cost, $——
FRESNO, Fresno Co., Calif. Eighth and Ventura Avenue.
One-story concrete and brick maintenance shop building.
Owner—City of Fresno School District (L. L. Smith, Secretary).
Architect—Chas. Franklin, T. W. Patterson Bldg., Fresno.
Complete bids follow:

Concrete Work
N. Volanti, 2148 Clara Street, Fresno $4,218.50
M. Madsen, Fresno 4,375.00

Brick Work
J. M. Brown, 1837 Merced St., Fresno $3,980.06
Paul Kindler, Fresno 5,363.75

Reinforcing Steel
Kyle & Co., 346 G St., Fresno $2,674.20
Healey & Popovich, rFesno 2,804.35

Carpentry
T. C. Irwin, 269 N Fulton St. Fresno $4,440.00
Harris Const. Co., Fresno 4,790.00
Jolly & Harrington, Fresno 4,975.00

Roofing
D. H. Coffman, 1837 Merced St., Fresno $683.00
C. E. McMullen Co., Fresno 727.50
Valley Lumber Co., Fresno 730.00
Faris-Osborne Co., Fresno 825.00
Bids held under advisement.

Reinforcing Steel Contract Awarded.
FACTORY Cost, $13,500
SAN FRANCISCO. S Folsom Street E Juniper Street.
One-story Class C concrete factory.
Owner—Lawrence A. Myers, 58 Sutter St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave., San Francisco.

To Be Done By Day's Work.
STORAGE BLDG. Cost, $7,500
SAN FRANCISCO. SW Bayshore Blvd. and Islais Creek.
One-story storage building.
Owner—Al Jarkich, 2417 Harrison St.
Architect—Not Given.

Plans Being Completed
PRINTING PLANT Cost, $35,000
SAN FRANCISCO. Van Ness Avenue South and 13th Street.
One-story Class C printing plant with general offices (22,000 sq. ft.) concrete walls, steel frame, mill type roof construction.
Owner—The James H. Barry Co.
Consulting Structural Engineer—Jesse Rosenwald, 525 Market Street.
Bids will be asked in about 10 days.

Plans Awaiting Approval
SHOP Cost, $15,000
OROVILLE, Butte Co., Calif. Oroville High School Campus.
One - story frame shop building (9000 sq. ft. of floor space).
Owner—Oroville High School District.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Plans have been forwarded to the State Division of Architecture, Sacramento, for approval.
Labor will be furnished by WPA.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 498 Alabama Street.
Alterations to warehouse.
Owner—K. C. Bruner, 1360 Jones St., San Francisco.
Architect—Not Given.
Contractor—G. Anderson, 134 Halleck St., San Francisco.

Sub-Contracts Awarded.
ALTERATIONS Cost, $20,000
SAN FRANCISCO. No. 119-129 Kansas Street
Alterations to warehouse.
Owner—San Francisco Development Co., Kohl Bldg., San Francisco
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco.
Plumbing—James H. Pinkerton Co., 927 Howard St.

Electric — Superior Electric Co., 3110 Clay St
Sheet Metal and Roofing—Fire Protection Products Co., 1101 16th St.
Concrete—Golden Gate Atlas Materials Co., 16th and Harrison Sts.

CONTRACT AWARDED
SAN PEDRO, Los Angeles Co., Cal. —Robert E. McKee, 108 W 6th St., Los Angeles, awarded contract for the erection of an addition to a warehouse at Dock 51-54 Outer Harbor, San Pedro, for Outer Harbor Dock & Wharf Co. Cost, $90,000. John H. Christie, Southern Pacific Bldg., San Francisco, chief engineer.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 100 Bay St.
Alterations to factory.
Owner—American Cream of Tartar Co., Premises.
Architect—Not Given.
Contractor—Patterson & Koster Iron Works, Inc., 280 13th Street, San Francisco

5— FLATS

Construction To Start Shortly.
FLATS Cost, $7500
SAN FRANCISCO. Telegraph Hill
Two-story and basement frame and stucco flats (two 4-room flats) tar and gravel roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—F. W. Borden, 1440 Montgomery St., San Francisco.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
FLATS Cost, $14,000
SAN FRANCISCO. NW Sixteenth Ave. and Taraval Street.
Two two-story frame and stucco flats (gas heating systems, hardwood floors, tile baths, etc.)
Owner—Eric Carlsen, 1433 17th Ave., San Francisco.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco
Contractor — A. Hallgren, 1594 29th Ave., San Franciscoo.

To Be Done By Day's Work.
FLATS Cost, $6500
SAN FRANCISCO. SE Eleventh Ave. and Judah Street.
Two-story frame and stucco flats.
Owner—Ben K. Cherin, 560 Irving St. San Francisco.
Architect—Not Given

Construction Temporarily Postponed
FLATS Cost, $——
SAN FRANCISCO. Jefferson Street bet. Broderick and Baker Sts.
Five three-story frame and stucco flat buildings (2 9-room flats in each bldg.) tile and composition roofing, stucco exterior, recessed gas or oil burning heating system, wood sash, colored tile fixtures, hardwood floors, etc.
Owner—Louis Handelsman.
Architect—Sidney A. Colton, 544 Market Street.
Low Bidder—Fred K. DuPuy, 110 Sutter Street.

Contract Awarded.
FLATS Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 1521-23 Leimert Blvd.
Two-story frame and stucco flats (10 rooms).
Owner—M. G. and K. E. Gartner, 1425 Harrison St., Oakland.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.

6—GARAGES & SERVICE STATIONS

To Be Done By Day's Work
SERVICE STATION Cost, $5,000
OAKLAND, Alameda Co., Calif. 4195 Piedmont Avenue.
One-story steel service station and one-story steel lift building.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner

May 12, 1936

Contract Awarded.
SERVICE STATION Cost, $28,000
SALINAS, Monterey Co., Calif San Luis and Monterey Streets.
Steel service station (pumps).
Owner—Firestone Tire & Rubber Co.
Architect—Chas. Butner, 630 Pajaro St., Salinas.
Contractor—Sam Trondhjem, 45 Gell St., Salinas.

Contract Awarded.
SERVICE STATION Cost, $3500
SAN FRANCISCO. SE Army and Bayshore Blvd.
One-story steel service station.
Owner—Lydon Bros., Premises.
Architect—Not Given.
Contractor — H. T. Gettins Co., 268 13th St., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $6000
PETALUMA, Sonoma Co., Cal. Main and Kent Streets.
New super service station.
Owner—L. B. Hammell, Petaluma.
Plans by Engineering Dept. of Lessee.
Lessee—Richfield Oil Co., 248 Battery St., San Francisco.
Contractor—Ray Kynoch, 218 English St., Petaluma.

Contract Awarded
GARAGE Cost, $20,000
PALO ALTO, Santa Clara Co., Calif. 780 High Street.
One-story concrete garage building.
Owner—A. B. Morton, 1042 University Ave., Palo Alto.
Architect—Birge and David Clark, 310 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 596 Lowell Ave., Palo Alto

7— FEDERAL BUILDINGS

COMPLETE BIDS
SAN FERNANDO, Los Angeles Co., Cal.—As previously reported, William Gelfan, Los Angeles, at $382 submitted low bid to Treasury Department, Washington, D. C., for painting plaster, etc., in the U. S. post office, San Fernando.
Complete bids follow:
Wm. Galfan, Los Angeles.....$382
Raphael Co., San Francisco..... 392
Patterson Bros., Oakland..... 482
Bids held under advisement.

BIDS WANTED
BALBOA, Canal Zone—Until June 10, 11 A. M., bids will be received by Bureau of Yards and Docks, Navy Departments, Washington, D. C., for the construction of three 4-family quarters at the Naval Radio Station at Balboa, Canal Zone. Work includes concrete construction; cast stone; brick and hollow tile; steel and iron work; metal studding and lathing; plaster and stucco; marble and tile; carpentry and millwork; screenings; plumbing, water heating equipment and electrical work. Spec. No. 8120. Estimated cost, $90,000

BIDS WANTED
PUGET SOUND, Wash.—Until June 1, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., for furnishing and installing freight elevator for Bldg. 104 at Puget Sound. Plans and specifications may be obtained from above office

CONTRACT AWARDED
SAN DIEGO, Cal.—Brelin & Walker, P. O. Box 226, Point Loma, at $969 awarded contract by Bureau of Yards and Docks, Navy Department, for applying stucco to exterior of two existing brick buildings and the replacement of seven defective concrete window sills on one of the buildings to be stuccoed.

Complete Bids
POST OFFICE Cost, $83,000
UKIAH, Mendocino Co., Calif. NW Oak and Perkins Streets.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—Robert McCarthy, 1363 14th Avenue, San Francisco.
Complete bids follow:
Robt. McCarthy, San Francisco..$62,738
Dinwiddie Const. Co., S. F..... 63,990
K. E. Parker Co., S. F..... 67,850
O. M. Rousseau, Inc., S. F..... 69,500
Bids held under advisement.

BIDS WANTED
RENO, Nevada—Until June 1, 2:00 P. M., bids will be received by the Custodian, U. S. Post Office, Reno, for furnishing and installing lawn sprinkler system at the Post Office, Reno.

BIDS OPENED
ALCATRAZ ISLAND, Cal.—Pacific Electric Manufacturing Co., 5815 3rd St., San Francisco, at $2038 (60 days) submitted low bid to Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, for bullet-proof glass front on Armory and bullet-proof glass covered opening in wall of cell house, all in Building 68, Alcatraz Island.
Complete bids follow:
(1) Work complete; (2) add for one gun port; (3) total; (4) time to complete work.
Pacific Electric Mfg. Co., San Francisco .....(1) $1873
(2) 165
(3) 2038
(4) 60 dys
O B. McClintic, Minneapolis
(1) 2045
(2) 200
(3) 2245
(4) 75 dys
American Bankers Co., S. F...(1) 2240
(2) 520
(3) 2760
(4) 60 dys
Bids held under advisement.

Plans Being Prepared.
ADDITION Cost, $100,000
SACRAMENTO, Sacramento Co., Cal.
Two-story addition to Federal Building (20,000 sq. ft. of space).
Owner—United States Government.
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

BIDS WANTED
MARCH FIELD, Riverside Co., Cal. —Until May 19, 10 A. M., bids will be received by office of the Constructing Quartermaster, March Field, for wind direction indicator installation at March Field. A deposit of $10 will be required on plans and specifications. For copies apply to the Constructing Quartermaster, March Field, Riverside.

BIDS WANTED
SAN FRANCISCO.—Until June 3, 1 P. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for vault

protection, watchmen's report, emergency alarm, emergency lighting, exterior lighting fixtures, radio transmitting equipment and tear gas system at the U. S. Mint, San Francisco.
Plans and specifications may be obtained from above office.

Plans Being Prepared.
FEDERAL BLDG. Cost, $250,000
SITKA, Alaska.
U. S. Federal Building.
Owner—United States Government.
Plans by Supervising architect, Treasury Dept., Washington, D. C

Plans Being Prepared.
FEDERAL BLRG. Cost, $400,000
KETCHIKAN, Alaska.
U. S. Federal Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans Being Prepared.
FEDERAL BLDG. Cost, $400,000
NOME, Alaska.
U. S. Federal Building, three-story reinforced concrete building (Post Office, cable offices, federal court, justice dept. office, etc.)
Owner—United State Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

8— CLUB BUILDINGS

Preparing Preliminary Plans.
LODGE BLDG. Cost, $50,000
VALLEJO, Solano Co., Cal. Georgia and Sonoma Streets.
Two-story and basement reinforced concrete club building.
Owner—Vallejo Lodge of Elks.
Architect—Dodge Riedy, 821 Market St., San Francisco.
Preliminary plans will be forwarded to owner for approval in about two weeks.

Plans Being Completed
CLUB BUILDING Cost, $50,000
FRESNO, Fresno Co., Cal. Tuolumne and M Streets.
Two-story club building (gymnasium, social rooms, locker rooms, steam rooms, administration offices, kitchen, showers, storage rooms.
Owner—Y. M. C. A.
Architect—Rafael Lake, Pacific Southwest Bldg., Fresno.
Bids will be asked in two weeks.
In our issue of May 5th it was reported that bids were being taken, which was in error.

9— HOSPITALS

BIDS WANTED
SAN FRANCISCO—Until May 21, 10 A. M., bids will be received by Constructing Quartermaster, Fort Mason, for replacing present wood floors with terrazzo floors in Wards D-2, E-2, B-2 and L-2, at Letterman General Hospital, San Francisco.
Plans and specifications may be obtained from above office.

Bids Rejected
ADDITION Cost, $23,000
AUBURN, Placer Co., Calif.
One - story reinforced concrete ward addition to county hospital (80-bed ward) composition roofing, steel sash, steam heating system.
Owner—County of Placer.
Architect—W. E. Coffman, Forum Building, Sacramento.
Plans will be revised and new bids will be asked in July.

Preparing Working Drawings.
ADDITION Cost, $60,000
WEIMAR, Placer Co., Calif.
Addition to tubercular sanatorium.
Owner—Weimar Joint Sanatorium.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Plans will be forwarded to Bureau of Indian Affairs, Washington, D. C., for approval in about four weeks.

Bids Opened
NURSES' HOME Cost, $40,000
ATWATER, Merced Co., Calif.
One - story frame and stucco nurses' home; 1-story frame and stucco garage and one - story frame and stucco activity bldg.; landscaping equipment, etc. (second unit).
Owner—City of Atwater.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.
Complete bids follow:
(1) Nurses' Home;
(2) Activity Building;
(3) Garage;
(4) Total for three buildings;
(5) Metal fence;
(6) Bitumuls, walks and drives;
(7) Concrete;
(8) Landscaping;
(9) Sprinkler system, etc.;
(10) Total segregations 5 to 9;
(11) Grand total.

Midstate Const. Co., 245 Clinton Ave., Fresno	(1)	$7,889
	(2)	5,648
	(3)	2,398
	(4)	15,935
	(5)	600
	(6)	1,712
	(7)	1,200
	(8)	1,300
	(9)	925
	(10)	5,737
	(11)	21,672
Gould & Kane, Berkeley	(1)	$7,000
	(2)	5,000
	(3)	2,000
	(4)	17,850
	(5)	630
	(6)	1,100
	(7)	1,300
	(8)	1,100
	(9)	1,200
	(10)	6,500
	(11)	23,350
Swanson & Hillberg, Turlock	(1)	$8,775
	(2)	6,380
	(3)	2,544
	(4)	17,699
	(5)	670
	(6)	1,624
	(7)	1,413
	(8)	1,255
	(9)	709
	(10)	6,105
	(11)	23,804
B. A. Howkins, S. F.	(4)	$18,824
	(10)	5,572
	(11)	24,296

Bids held under advisement.

Plans Being Prepared
NURSES' HOME & KITCHEN Cost, $20,500
SPRINGVILLE, Tulare Co., Cal. Tulare-Kings Counties Joint Tubercular Sanitarium.
Frame and stucco nurses' home and frame and stucco kitchen.
Owner—County of Tulare.
Architect—Ernest Kump, Rowell Bldg. Fresno.
Bids will be asked in about 6 weeks.

Plans Being Prepared.
WARD BLDG. Cost, $50,000
SPRINGVILLE, Tulare Co., Calif. Tulare-Kings Counties Joint Tubercular Sanitarium.
Frame and stnucco ward building.
Owner—County of Tulare.
Architect—Ernest Kump, Rowell Bldg Fresno.

Preparing Preliminary Plans
DORMITORY Cost, $100,000
LIVERMORE, Alameda Co., Cal. Arroyo Sanitarium.
Reinforced concrete dormitory.
Owner—County of Alameda.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.

Plans Completed.
ALTERATIONS Cost, $3500
SAN FRANCISCO, California and Maple Streets.
Alterations to hospital.
Owner—Children's Hospital, Prem.
Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.
Engineer—A. V. Saph Jr., Rialto Bldg., San Francisco.

Bids Wanted—To Close June 9, 2:00 P. M.
ADDITION Cost, $160,000
CAMARILLO, Ventura Co., Cal. State Hospital.
Addition of units 12 and 13 at State Hospital (addition to dining room and hall and new one-story industrial building) (reinforced concrete construction, metal sash, tile roof, etc.)
Owner—State of California.
Architect — George B. McDougall, State Architect, Public Works Bldg., Sacramento.
Plans and specifications may be obtained from above office upon deposit of $25.

Bids Wanted — To Close June 1, 11 A. M.
ADDITION Cost, $8000
STOCKTON, San Joaquin Co., Calif. County Hospital.
Addition to county general hospital (psysiotherapy unit) hollow tile, metal stud and lath walls, etc.
Owner—County of San Joaquin.
Architect — Eric Johnson, Exchange Bldg., Stockton.
Plans and specifications may be obtained from the architect upon deposit of $15.

10— HOTELS

Planned.
ALTERATIONS Cost, $——
RED BLUFF, Tehama Co., Calif.
Alterations and additions to hotel (stucco outer walls, plate glass windows, new heating and cooling system, etc.)
Owner — Drs. E. E. and Don E. Thompson, 407 Walnut St., Red Bluff.
Architect—Not Given.
Further details will be announced shortly.

FIRE LOSS
SANTA ROSA, Sonoma Co., Calif. —Fire destroyed the Santa Rosa Hotel and the department store located at Fourth and B Sreets, May 9. Buildings were owned by Max Rosenberg of Santa Rosa. Buildings will be reconstructed in the very near future.

Plans Being Completed
ALTERATIONS Cost, $50,000
CHICO, Butte Co., Calif. Second and Salem Streets.
Alterations and additions to hotel (add 50 bath rooms, 90 tubs, repair foundations, etc.)
Owner—Hotel Oaks, Chico.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Segregated bids will be taken in one week.

11—ICE & COLD STORAGE PLANTS

BIDS OPENED
MARE ISLAND, Calif.—York Ice Machinery Corporation, 234 Ninth St., San Francisco, at $2,075 submitted low bid to Public Works Officer, U. S. Navy Yard, Mare Island, for furnishing refrigerating equipment and installing same in Bldg. No. 570 at the Naval Prison, U. S. Navy Yard, Mare Island, Spec. No. 8216.

Complete bids follow:
York Ice Machinery Corporation, San Francisco $2,075
Shirar-Young Co., S. F. 2,255
Baker Ice Machine Corp., Oakland 2,739
Bids held under advisement.

Plans Being Prepared.
RECONSTRUCTION Cost, $——
DIXON, Solano Co., Calif.
Reconstruction of abbatoir cooler (cold storage room) steel frame and concrete construction, metal sash hanger rail system, electric elevator, etc.
Owner—C. Bruce Mace, Dixon.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.
Bids will be asked in about two weeks.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Plans Being Prepared
FIRE STATION, ETC. Cost, $20,000
PORTERVILLE, Tulare Co., Calif.
One-story reinforced concrete fire station, tool and equipment bldg.
Owner—City of Porterville.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Bids will be asked shortly.

Bids Opened
IMPROVEMENTS Cost, $——
SACRAMENTO, Sacramento Co., Cal. State Capitol.
Improvements to Senate and Assembly rooms in State Capitol (work involves alterations and improvements to certain rooms on second and fourth floors, incidental work in attic and on roof, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Low Bidder — C. J. Hopkinson, 1810 28th St., Sacramento.
Heating and Ventilating—M. R. Carpenter, 907 Front St., Sacramento.
Complete bids follow:

General Work
C. J. Hopkinson, Sacramento..... $7,954
F. H. Betz, Sacramento..... 8,220
Holdener Const. Co., Sacto..... 8,703

Heating and Ventilating
M. R. Carpenter, Sacramento.... $10,497
Hately & Hately, Sacramento.. 10,583
Luppen & Hawley, Sacramento 10,839
Bids held under advisement.

Plans Being Figured — Bids Close May 26, 10 A. M.
FIREHOUSE, ETC. Cost, $25,000
BERKELEY, Alameda Co., Cal. Cedar Street from 8th to 9th Streets.
One-story frame fire house (cement plaster exterior) reinforced concrete drill tower and machine shop).
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Plans and specifications may be obtained from the City Clerk, Berkeley, upon deposit of $10.

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 1766 Fulton Street.
Two-story frame and stucco residence
Owner—C. S. Salz.
Architect—Birge and David Clark, 310 University Ave., Palo Alto.
Contractor—R. C. Knight, 595 Bailey Ave., Mountain View.

Contract Awarded
RESIDENCE Cost, $8,000
BURLINGAME, San Mateo Co., Calif. Pepper Avenue.
Two-story frame and stucco residence
Owner—Angus McSweeney.
Architect—Angus McSweeney, 604 Mission St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.

Plans Being Figured—Bids Close May 19th, 12 Noon.
RESIDENCE Cost, $——
SAN FRANCISCO. Teresita Dr. and Reposa Street.
One-story frame and stucco residence (4 rooms) composition shingle roof gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—O. Kinross.
Architect—J. E. Dinwiddie, 360 Pine Street.

Plans Being Figured—Bids Close May 20th.
RESIDENCE Cost, $9,000
VALLEJO, Solano Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) shingle roof, gas heating system, hardwood floors, tile baths wood sash, etc.
Owner—Robert E. Clark.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Following will submit bids:
James Bitcon, 628 Louisiana Street, Vallejo.
Arthur Erickson, 1304 Sutter Street, Vallejo.
Robt. Hathaway, 1201 Tennessee St. Vallejo.
Moore & Roberts, 693 Mission St., San Francisco.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
BURLINGAME, San Mateo Co., Calif. Lot 18 Blk 28, Howard Ave. and Lot 6 Block 5, Maple Avenue.
Two 1-story and basement frame and stucco residences.
Owner and Builder—Burlingame Realty & Bldg. Co., 1090 Burlingame Square, Burlingame.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
SAN MATEO, San Mateo Co., Calif. 230 Seville Way.
Two-story frame and stucco residence
Owner and Builder—Allan McIntyre, 446 Highland, San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $12,000
PIEDMONT, Alameda Co., Calif. 550 Blair Avenue.
Two - story and basement frame and stucco residence (9 rooms).
Owner—Minetta S. Ellen, 4451 Taylor St., San Francisco.
Architect—Not Given.
Contractor—Sigwald Bros., 916 Alma Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 3721 Young Avenue.
Two-story frame and stucco residence (7 rooms).
Owner and Builder—A. H. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 51 Marr Avenue.
Two-story and basement frame and stucco residence (8 rooms).
Owner—S. R. Bowman.
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley.
Contractor—S. M. Shapero, 2014 Shattuck Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCES Cost, $6000 each
SAN FRANCISCO. E Thirty-third Ave. S Irving Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—R. F. Galli, 377 West Portal Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. S Demontford St. W. Miramar St.
Two one-story and basement frame and stucco residences.
Owner and Builder — R. A. McAfee, 125 Cervantes Blvd., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Cayuga Ave. N Santa Rosa Ave.
Four one-story and basement frame and stucco residences.
Owner—L. Depaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. No. 1141 Forest Avenue.
Two-story frame and rustic residence
Owner and Builder — W. E. Grimm, 628 Filman St., Palo Alto.
Architect—Not Given.

May 14, 1936

Plans Being Figured.
RESIDENCE Cost, $15,000
ORINDA, Contra Costa Co., Calif.
Two - story and basement frame, stucco and brick residence (10 rooms and 4 baths) shake roof, wood sash, hardwood floor, tile baths, etc.
Owner—Frank Moller, Oakland.
Plans by W. K. Strickland, 1278 Sunnyhills Road, Oakland.
About ten days will be allowed for figuring the plans.

Plans Being Prepared
RESIDENCE Cost, $4,000
BURLINGABLES, San Mateo Co. Cal.
One-story wood frame residence (five rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—E. J. Murphy.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Plans Being Prepared
RESIDENCE Cost, $8,000
BAYWOOD, San Mateo Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas heat. system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contract Awarded
RESIDENCE Cost, $5,000
RESIDENCE Cost, $6,500
Two - story and basement residence (6 rooms and 2 baths) shake roof, plaster, board and batten exterior, hardwood floors, tile baths, etc.
Owner—Mr. Bukelich.
Architect—Jas. Narbett, 462 31st St., Richmond.
Contractor—Fred Hosking, 541 Civic Center, Richmond.

Contract Awarded
ALTERATIONS Cost, $9,133
SAN FRANCISCO. 3329 Washington.
Alterations and additions to residence
Owner—Louis M. and Hilda E. Cole, 1250 Jones Street.
Architect—Farr & Ward, 68 Post St.
Contractor—D. B. Gladstone, 557 Market Street.

Contract Awarded
RESIDENCE Cost, $6,500
PALO ALTO, Santa Clara Co., Calif. 540 Nevada Street.
1½-story frame and stucco residence.
Owner—Grace B. Durrell.
Architect—Not Given.
Contractor—C. A. Pellymounter, 585 Baley Ave., Mt. View.

Plans Being Prepared
RESIDENCE Cost, $10,000
BAYWOOD, San Mateo Co., Calif.
Two - story and basement frame and frame residence (9 rooms and 3 baths) shingle tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contract Awarded
RESIDENCE Cost, $7,100
SAN MATEO, San Mateo Co., Calif.
Two - story frame and stucco residence (6 rooms, 2 baths) shingle roof, gas heating system, wood sash, tile baths, hardwood floors.
Owner—Lloyd Schwab.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—A. E. Orton, 151 Harriet Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $7,100
SAN MATEO, San Mateo Co., Calif.
Two - story frame and stucco residence (6 rooms, 2 baths) shingle roof, gas heating system, wood sash, tile baths, hardwood floors.
Owner—D. J. Desmond.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Chas. Pedersen, 734 Prospect Row, San Mateo.

Contract Awarded
RESIDENCE Cost, $5,740
REDWOOD CITY, San Mateo Co., Cal. W Elmwood St. bet. Brewster and Hopkins Streets.
One - story and basement frame and stucco residence (5 rooms, laundry and large rumpus room) tile roof, hot air furnace, hardwood floors, tile baths.
Owner—Mr. and Mrs. Thos. Buich, 545 Clay St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—A. DeBenedetti & Son, 100 Brazil Ave., San Francisco.

Owner Taking Segregated Bids
RESIDENCE Cost, $12,000
PIEDMONT, Alameda County, Calif. Phoenix Avenue.
Two - story and basement frame and stucco residence (shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—A. G. Steltzner, 826 Walla Vista Ave., Oakland.
Architect — Clarence Mayhew, 6026 Acacia Ave., Oakland.

Plans Being Figured—Bids Close May 20th.
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Cal. Montclair District.
One-story frame, stucco board and batten residence (6 rooms, 1 bath and extra lavatory) shake roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.
(9552) Ist report May 7, 1936.

Contract Awarded
RESIDENCE Cost, $——
RICHMOND, Contra Costa Co., Calif.
1½-story frame and stucco residence (7 rooms, 2 baths) tile roof, central heating plant, wood sash, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect—Jas. Narbett, 462 31st St., Richmond.
Contractor—Robert Johnson, 560 36th St., Richmond.

Contract Awarded
RESIDENCE Cost, $——
PITTSBURG, Contra Costa Co., Calif.
One - story and basement frame and stucco duplex residence (two 5-room residences) tile, tar and gravel roofing, floor furnaces, steel sash, hardwood floors, tile baths.
Owner—Mr. Donovan.
Architect—Jas. Narbett, 462 31st St., Richmond.
Contractor—V. A. Davi & Sons, 810 York St., Pittsburg.

Correction In Location
RESIDENCE Cost, $5,171
TIBURON, Marin County, Calif.
One-story residence (six rooms).
Owner—Mr. Zimmerman.
Architect—Earle Bertz, 681 Market St. San Francisco.
Contractor—J. Messinger, 1507 Lincoln St., Berkeley.

Contract Awarded
RESIDENCE Cost, $9,500
SAN FRANCISCO. Telegraph Hill, W Kearny 81 S Lombard St.
Three -story frame, stucco and brick residence (6 rooms and 3 baths) shingle tile roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Budd Rosenberg, 1930 Sacramento Street.
Architect—Ed. Musson Sharpe, 111 Sutter Street.
Contractor—Baker & Wagner 86 Fairfield

Low Bidder
RESIDENCE Cost, $5,000
HAYWARD, Alameda Co., Calif. Main Street.
One-story frame and rustic residence (6 rooms and 2 baths) tar and gravel roofing, gas heating system wood sash, hardwood floors, tile baths, etc.
Owner—E. S. Kenyon.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Low Bidder—Skovmand & Lewis, 729 E 18th St., Oakland.

To Take Segregated Bids.
RESIDENCE Cost, $12,000
PIEDMONT, Alameda County, Calif. Phoenix Avenue.
Two-story and basement frame and stucco residence (shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner — A. G. Steltzner, 826 Walla Vista Ave., Oakland.
Architect — Clarence Mayhew, 6026 Acacia Ave., Oakland.
Segregated bids will be taken by the owner in one week.

Plans Being Completed
RESIDENCE Cost, $——
SAN FRANCISCO. Sanchez Street.
Three-story frame and stucco residence (6 rooms, 1 bath, powder room, two separate lavatories etc.) Spanish style, hand-made terra cotta tile roof, hot air heating system, canvas walls, steel and wood sash, Philippine mahogany trim, plank flooring, fireplace in social hall and bar, solarium on roof, tile stall showers, etc.
Owner—Withheld.
Architect—Oscar R. Thayer, 110 Sutter Street.
Bids will be asked about May 20.

Sub-Contracts Awarded.
BUNGALOW COURT Cost, $18,800
SAN RAFAEL, Marin Co., Calif.
Frame and stucco bungalows (bungalow court).
Owner—Joseph Santos, San Rafael.
Archite t—Not Given.
Contractor—A. Von Rotz, 40 Greenfield Ave., San Anselmo.
Roofing—Marin County Roofing Co., Larkspur.
Plumbing—E. Ongaro, Fairfax.
Electric Wiring—L. H. Leonardi, San Rafael.
Heating—Marin Oil Burner Co., San Rafael.
Glass—San Rafael Glass Co., San Rafael.
Sheet Metal—Marin Oil Burner Co., San Rafael.
Lathing and Plastering—H. Basman, San Rafael.
Lumber—Fairfax Lbr. Co., Fairfax.
Steel Sash—Bates Carpenter Co., 604 Mission St., San Francisco.
Mill Work—Fairfax Lbr. Co., Fairfax.
Hardware—Joe Rice, San Rafael.
Flooring—A. Nelson, San Rafael.

Contract Awarded
RESIDENCE Cost, $18,000
BROCKWAY, Placer Co., Calif. Lake Tahoe.
Two-story residence (12 rooms and 4 baths) heavy shake roof, electric heating system, wood sash, log siding, asbestos tile in baths, etc.
Owner—Mrs. Marcia Keresey.
Architect—Leo Sharps, 1488 Burlingame Ave., Burlingame.
Contractor—Oscar Cavanaugh, 432 Occidental Ave., San Mateo.

To Be Done By Day'ts Work.
RESIDENCES Cost, $5500 each
SAN FRANCISCO0. Loraine St. N Anza Street.
Nine one-story and basement frame and stucco residences.
Owner and Builder—Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given.

May 11, 1936

Contract Awarded
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Calif.
One - story and basement frame and stucco residence (five rooms).
Owner—Mrs. James Barr, 1630 Scenic Avenue, Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Enoch Tramnal, 483 Crescent St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. St. James Wood.
Two-story frame and stucco residence (7 rooms and 2 baths) gas heating system,, steel sash, hardwood floors, tile baths, etc
Owner—Allen Schutter.
Architect — Clarence Mayhew. 6026 Acacia Ave., Oakland
Bids will be taken in 30 days.

Contract Awarded. ....
RESIDENCE Cost, $8500
PIEDMONT, Alameda Co., Cal. No. 298 Indian Road.
Two-story and basement frame and stucco residence (7 rooms).
Owner—Edgar Whealen.
Architect—Not Given.
Contractor—Edward Larmer, 90 Fairview Ave., Oakland.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Thirtieth Ave. N Taraval Street.
Two one-story and basement frame and stucco residences.

Owner and Builder — Bernhardt & Cowen, 924 Taraval St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
SAN FRANCISCO. S Green St., E Octavia Street.
Two-story and basement frame and stucco residence.
Owner and Builder—Guido Moriconi, 1670 Chestnut St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 4432 Arcadia Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner—Mrs. Randolph.
Plans by D. Crooks, % Contractor.
Contractor—New American Homes & Investment Corp., 1623 High St., Alameda.

Low Bidder.
RESIDENCE Cost, $5100
WATSONVILLE, Santa Cruz Co., Cal.
One-story and basement frame and stucco residence (5 rooms) tar and gravel roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Low Bidder—T H. Rosewall, 422 3rd St., Watsonville.

Bids Opened.
RESIDENCE Cost, $8000
KENTFIELD, Marin Co., Calif
Two-story and basement frame and stucco residence (8 rooms and 2 baths) asbestos shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Marmur
Architect—R. H. Bickel, 9 Geary St., San Francisco.
Low Bidder—Leibert & Trobock, Albert Bldg., San Rafael.
Complete bids follow:
Liebert & Trobock, San Refael, $9,931.
Moore & Madsen, San Francisco, $11,000.
A. W. Teather, Sausalito, $11,101.
Robert McCarthy, San Francisco, $11,532.
Moore & Roberts, San Francisco, $12,568.
Bids held under advisement.

General Bids Being Taken.
RESIDENCE Cost, $4500
ORINDA, Contra Costa Co., Calif.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—J. A. Davidson.
Architect — George P. Simonds, 192 Main St., Hayward.

To Be Done By Day's Work.
RESIDENCE Cost, $7500
PALO ALTO, Santa Clara Co., Calif. No. 441 Nevada Avenue.
One-story frame and stucco residence
Owner and Builder—Alfred Johnson, 274 Santa Rita Ave., Palo Alto.
Architect—Not Given.

Plans Being Figured—Bids Close May 18th.
RESIDENCE Cost, $10,000
BURLINGAMS, San Mateo Co., Calif.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) Spanish style; tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
The following will submit bids:
Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.
Richard Minor, 1444 Burlingame Ave., Burlingame.
Charles Petersen.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. E Funston Ave. N Moraga Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1550 Judah St., S. F.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN FRANCISCO. SE Seventeenth Ave. and Lawton Street.
One-story and basement frame and stucco residence.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street, San Francisco
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7000
BURLINGAME, San Mateo Co., Calif. Lot 8 Blk 27, Bloomfield.
Two-story frame and stucco residence
Owner—J. S. Mattos, 231 N. Delaware St., Burlingame.
Architect—Not Given.
Contractor—Peninsula Builders, 1150 Burlingame Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $6500
BURLINGAME, San Mateo Co., Calif. Lot 24 Blk 3, Corbett Drive.
One-story and basement frame and stucco residence.
Owner—Herman Haller.
Architect—Not Given.
Contractor—James Horne, 869 California Drive, Burlingame.

Contract Awarded.
RESIDENCE Cost, $6500
SACRAMENTO, Sacramento Co., Cal. No. 2748 Fourteenth Street.
Two-story frame and stucco residence
Owner—J. H. Howell, 4750 Seventh Ave., Sacramento.
Architect—Not Given.
Contractor — Paul Howell, 1837 47th St., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $2950
YUBA CITY, Sutter Co., Calif.
One-story rustic residence (5 rooms) shingle roof, hardwood floors, wood sash, etc.
Owner and Builder—Harold J. Currier, Yuba City.
Architect — A. Reinhold Denke, 1429 Broadway, Oakland.

Plans Being Completed
RESIDENCE Cost, $15,000
HILLSBOROUGH, San Mateo Co. Cal.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) French style; shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked within 1 week.

Plans Being Completed
RESIDENCE Cost, $11,000
HILLSBOROUGH, San Mateo Co. Cal.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) English type; shingle roof, wood sash, gas heating system, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked within 1 week.

To Be Done By Day's Work.
RESIDENCE Cost, $6500
SACRAMENTO, Sacramento Co., Cal. NO. 2741 Coleman Way.
Two-story frame and stucco residence
Owner and Builder—Ivan C. Satterlee, 3159 O St., Sacramento.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $——
PITTSBURG, Contra Costa Co., Cal.
One-story and basement rustic residence (5 rooms) shingle roof, wood sash, central heating plant, hardwood floors, tile bath, etc.
Owner——Dr. Gubbins, Pittsburg.
Architect—Jas. Narbett, 462 31st St., Richmond.
Contractor—Russell Cataline, 59 W. 8th St., Pittsburg.

Contract Awarded
RESIDENCE Cost, $7,500
BERKELEY, Alameda Co., Calif. 1401 Ada.
One - story frame and stucco duplex residence (two 5-room residences)
Owner—Ralph E. Thomas, 1455 Garfield St., Albany.
Architect—Not Given.
Contractor—H. K. Jensen, 3323 Arkansas St., Oakland.

Contract Awarded
RESIDENCE Cost, $8,550
SAN MATEO, San Mateo Co., Calif. Lot 24, Barney Tract.
Two-story frame and stucco residence
Owner—Oscar T. Holdal, Middlefield Road, Atherton.
Plans by J. A. Maderios.
Contractor—Emil Steinegger, 371 Alameda de las Pulgas, Redwood City.

Sub-Contracts Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5726 Nottingham Drive.
Two-story frame and stucco residence (five rooms).
Owner—Helen I. Crandall.
Architect—Not Given.
Contractor—W. G. Foster, 4 Avon Rd., Berkeley.
Roofing—Guy Tyler, 1502 Cedar St., Berkeley.
Electric—Neighbor Electric Co., 1664 Shattuck Ave., Berkeley.
Heating and Sheet Metal—Ideal Heating Co., 5506 San Pablo Ave., Oakland.
Tile Work—East Bay Tile Co., 1637 San Pablo Ave., Oakland.
Brick Work—P. C. Clausen, 1173 Keeler Ave., Berkeley.
Lathing and Plastering—J. P. Milligan, 1208 Masonic Ave., Berkeley.
Lumber—Tilden Lumber Co., Berkeley.
Painting—H. W. Silver, 6131 Panama Ave., Richmond.
Reinforcing Steel—Judson Pacific Co., 609 Mission St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $50,000
ORINDA, Contra Costa Co., Calif.
Two-story and basement frame and brick residence (10 rooms and 6 baths) shake roof, hot water heating sypstem, wood sash, hardwood floors, linoleum floors and plastered walls in baths, etc.
Owner—R. F. Rheem.
Architect—Clarence A. Tantau, 210 Post St., San Francisco.
Contractor—Chas. Stockholm & Sons, Russ Bldg., San Francisco.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Plumbing — Durant-Gilman Co., 1012 Webster St., Oakland.
Sub-bids are being taken on other portions of the work.

Contract Awarded.
ALTERATIONS Cost, $8500
SAN FRANCISCO. No. 3185 San Jose Avenue.
Alterations to residence.
Owner—William McGregor, Premises.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor, — A. D. Disston, 666 Mission St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND. Alameda Co., Cal. No. 6055 Rockwell Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—Frank Armanini, 6037 Chabot Road, Oakland.
Architect—Ray Keefer, 585 Madana Blvd., Oakland.
Contractor—A. T. Beckett, 315 15th St., Oakland.

Sub-Contracts Awarded.
RESIDENCES Cost, $6000
SAN FRANCISCO. Twenty - Fourth Ave. and Sloat Blvd.
Two one-story and basement frame and sctucco residences.
Owner and Builder—Jas. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given.
Roofing—Excelsior Roofing Co, 1731 San Jose Ave.
Plumbing—Young & Co., 1644 Ulloa Street.
Electric Wiring — Old S. F. Electric Co., 2855 Sacramento St.
Heating & Sheet Metal—Atlas Heating & Ventilating Co., 557 4th St.
Tile Work—Albert Cook, 334 Claremont Blvd.
Glass—Mutual Plate Glass & Window Co., 1969 Mission St.
Iron Grille Work—Arnke Iron Works, 780 Brannan St.
Brick Work — S. Tutty, 40 Admiral Ave., San Francisco.
Lumber — Loop Lumber Co., 2001 Broadway, Alameda.
Lathing & Plastering—W. J. Coneeney, 172 6th Street.
Mill Work—Eureka Sash & Door Co., 1715 Mission St.
Hardware—Center Hardware Co., 600 Fourth St.
Painting — W. H. Zillmer, 2966 26th Avenue.
Concrete—Jas. Arnott & Son, 633 Taraval Street.
Flooring—E. Johnson, 545 Arch St.
Window Shades—Uneeda Shade Co., W-10th St., Los Angeles.
All of San Francisco unless otherwise noted.

Sub-Contracts Awarded
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two - story and basement frame and stucco residence.
Owner—J. S. Winfrey.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—David Nordstrom, 354 Hobart St., Oakland.
Plumbing—Scott Co., 113 Tenth St., Oakland.
Electric Wiring—Scott - Buttner Co., 2214 Webster St., Oakland.
Tile Work — Superior Tile Co., 3743 Broadway, Oakland.
Glass—East Bay Glass Co., 621 Sixth Street, Oakland.
Brick Work—Sherratt Brothers.
Lathing and Plastering—Frank Claussen, 3124 Chestnut St., Oakland.
Lumber—E. K. Wood Lbr. Co., Oakland.
Mill Work—Lannon Brothers Planing Mill, 5th and Magnolia, Oakland.
Painting—Patterson Bros., 573 Santa Rosa Ave., Berkeley.
Concrete—Nat Lena, 1174 19th Street, Oakland.
Flooring—Rex Floor Co., 2468 65th Ave., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Linoleum—Art Linoleum Co., Oakland.

Contract Awarded
RESIDENCE Cost, $6,500
SACRAMENTO, Sacramento Co., Cal. 1213 Robertson Way.
One - story and basement frame and stucco residence.
Owner—McClatchy Realty Co., 809 J St., Sacramento.
Architect—Not Given.
Contractor—Wm. Murcell, 2015 23rd St., Sacramento.

Contract Awarded
RESIDENCE Cost, $7,500
SACRAMENTO, Sacramento Co., Cal. 2778 Land Park Drive.
Two-story frame and stucco residence
Owner—Chas. Hesser, 1325 15th St., Sacramento.
Architect—Not Given.
Contractor—Paul Opdyke, 2431 F St., Sacramento.

Contract Awarded
RESIDENCE Cost, $5,150
SAN ANSELMO, Marin Co., Calif.
One - story and basement frame and stucco residence.
Owner—G. Dewey Oster, San Anselmo
Architect—Not Given.
Contractor—Adams Brothers, 2218 21st Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
SAN FRANCISCO. E Loraine St. N Anza Street.
One-story and basement frame and stucco residence.
Owner and Builder—Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. No 434 Vassar Street
Two-story frame and stucco residence (7 rooms).
Owner and Builder—Milton S. Bonds, 583 Spruce St., Berkeley
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Calif. St. James Wood.
Two - story and basement frame and stucco residence.
Owner—Dr. Whitfield Crane.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — E. Campomenosi, 6401 Broadway Terrace, Oakland.

Contract Awarded
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Calif. 450 Nevada Avenue.
Two-story frame and stucco residence
Owner—J. T. Bowden, 1856 Emerson St., Palo Alto.
Architect—Leslie Nichols, 532 Emerson St., Palo Alto.
Contractor—E. J. Schmalling, 863 Melville Ave., Palo Alto.

Segregated Bids Being Taken.
RESIDENCE Cost, $18,000
SAN RAFAEL, Marin Co., Cal. Mt View and Grand Ave
Two-story and basement frame and stucco residence (10 rooms and 3 baths); tile roof, hot air heating system, steel and wood sash, hardwood floors, tile baths and kitchen, etc.
Owner—Max Blumenfeld.
Architect—S. Heiman, 605 Market St., San Francisco

Contract Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO. Shrader Street.
Two - story and basement frame and stucco residence (7 rooms and 2 baths).
Owner—Edgar Meakin.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Moore & Roberts 693 Mission Street.

Sub-Contracts Awarded
RESIDENCE Cost, $7,500
SAN MATEO, San Mateo Co., Calif.
Two-story frame and stucco residence (7 rooms and 3 baths) shake roof gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder — E. A. Janssen, Hearst Bldg., San Francisco.
Architect—D. E. Jaekle ,126 Post St., San Francisco.
Roofing—Knight Roofing Co.
Electric Wiring—E. A. Koenig.
Tile Work—Cook Tile Co.
Brick Work—R. S. Holding.
Lumber—Christenson Lumber Co.
Hardware—Ruud Hardware Co.
Concrete—M. Cognacci.

Sub-Contracts Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Cal. 4536 Reinhardt Drive.
Two-story frame and stucco residence (five rooms).
Owner — Mildred M. Reynolds, Mills College, Oakland.
Architect—Not Given.
Contractor—David Nordstrom, 354 Hobart St., Oakland.
Plumbing—W. H. Picard, 5656 College Ave., Oakland.
Electric Wiring—Creager Electric Co., 2526 82nd Ave., Oakland.
Heating and Sheet Metal—Atlas Heating Co., 1541 32nd St., Oakland.
Tile Work — Superior Tile Co., 3743 Broadway, Oakland.
Lathing and Plastering — S. Muriale, 3831 La Cresta, Oakland.
Lumber—Smith Lumber Co., 19th and Estuary, Oakland.
Painting—Magnus Smith, 12 Cambridge Way, Piedmont.
Concrete—Nat Lena, 1174 19th Street, Oakland.
Flooring—Inlaid Floor Co., 4067 Watts St., Oakland.

Plans Being Prepared
RESIDENCE Cost, $5,000
ALAMEDA, Alameda Co., Calif.
1½-story frame and stucco residence (6 rooms, 2 baths) wood shingle roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—Williams and Wastell, 374 17th St., Oakland.

Contract To Be Awarded
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Cal. Montclair Acres.
Two - story and basement frame and brick residence (shingle roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Howard L. Brooks, Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—A. A. Haskell, 255 Ridgway Ave., Oakland.

Plans Being Refigured.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal King Avenue.
Two-story frame, stucco and brick veneer residence.
Owner—Withheld
Architect—Newsom & Newsom, Russ Bldg., San Francisco.
On previous bid opening lowest bid was submitted by Fred K. DuPuy, 110 Sutter St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. W Nueva St. S Blanken Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—Wm. H. Grahn, 2965 Mission St., San Francisco.
Architect—Not Given

Plans Being Figured
RESIDENCE Cost, $14,000
PIEDMONT, Alameda Co., Calif. St. James Wood.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.; Early California Spanish type.
Owner—Withheld.
Architect—Williams and Wastell, 374 17th St., Oakland.
F. A. Kurtz, 364 41st St., Oakland, is the only contractor figuring the plans.

Plans Being Figured—Bids Close May 20.
RESIDENCE Cost, $——
SAN FRANCISCO. San Buena Ventura Way (St. Francis Wood).
Two-story and basement frame and stucco residence (9 rooms and 3 baths), tile roof, warm air heating plant, wood sash, hardwood floors, tile baths etc.
Owner—Dr. and Mrs. J. M. Rector.
Plans by Chas. Lindley Monadnock Bldg., San Francisco.
Fred K. Dupuy, 110 Sutter Street, is figuring the plans and desires sub-bids on all portions of the work.

Plans Being Prepared.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. Near 35th Street (East Oakland).
One and one-half-story frame and stucco residence (6 rooms and 2 baths) wood shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect -Williams & Watsell, 374 17th St., Oakland

Contract Awarded.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Calif. No. 5927 Chelton Drive.
Two-story frame and stucco residence (6 rooms).
Owner—M. A. Yewdall, 2639 Dana St., Berkeley.
Architect—Not Given.
Contractor — W. P. Johnston, 2639 Dana St., Berkeley.

Low Bidder
RESIDENCE Cost, $——
WALNUT CREEK, Contra Costa Co.
One-story and basement brick veneer frame and stucco residence (eight rooms, 3 baths) tile roof, warm air heating system, steel sash, tile baths, hardwood floors, etc.
Owner—Harvey Ennor.
Architect—B. Reede Hardman, 2068 Allston Way, Berkeley.
Low Bidder—E. P. Seemans, Walnut Creek.

Plans Being Figured.
RESIDENCE Cost, $——
PALO ALTO, Santa Clara Co., Calif.
Two-story frame and stucco residence
Owner—Wheeler H. Thayer.
Architect—J. K. Branner, 210 Post St. San Francisco
About ten days will be allowed for figuring the plans.
A. F. Mattock, 212 Clara St., San Francisco, is figuring the plans and desires sub-bids on all portions of the work.

Contract Awarded.
RESIDENCE Cost, $10,712
BURLINGAME, San Mateo Co., Calif. Burlingame Hills.
Two-story & basement frame, stucco and brick veneer residence.
Owner—Roy T. Masau, 2121 Roosevelt St., Burlingame.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—D. B. Gladstone, 557 Market St., San Francisco.

Plans Being Prepared
RESIDENCE Cost, $11,000
SAN MATEO PARK, San Mateo Co.
Two-story frame and stucco residence (9 rooms, 2 baths, maid's room and bath) two large terraces, double garage, three fireplaces, terra cotta shingle tile roof, wood sash, hardwood floors, tile baths, hot air heating system, etc.(Normandy style).
Owner—Withheld.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.
Bids will be asked about May 25.

Plans Being Prepared
RESIDENCES Cost, $2,500 each
BELMONT, San Mateo Co., Calif
Three one-story clapboard, rustic and plaster residences (5 rooms each) hot air heating system, hardwood floors, shingle roofs, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.
Work will be done by day's labor.

Contract Awarded
BUNGALOW CT. Cont. Price, $21,200
BURLINGAME, San Mateo Co., Cal. Bellevue Avenue.
Bungalow court (2 five-room, 2 bath units) and 6 four-room, 1 bath, separate toilet and wash basin units) split shingle roofs, individual gas heating systems, steel sash, plank hardwood floors, tile baths, etc.; 8 separate garages.
Owner—Withheld.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.
Contractor—Mooney and MacDonald, 1464 Burlingame Ave., Burlingame

Plans Being Figured
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Cal. Taylor Gardens.
Two-story frame and stucco residence (10 rooms, 3 baths) tile roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Eric Wolfe.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Following will submit bids:
Randolph Parks, 1847 Yosemite Ave. Berkeley.
A. T. Beckett, 224 Scenic Avenue, Berkeley.
J. R. Armstrong, 1131 Fleet Road, Oakland.

Preparing Working Drawings
ALTERATIONS Cost, $25,000
PALO ALTO, Santa Clara Co., Cal. Campus of Stanford University.
Alterations and additions to two-story frame and stucco fraternity house (additional rooms, new dining room kitchen, chapter hall, etc.)
Owner—Delta Tau Delta Fraternity, 650 San Juan, Stanford University Campus, Palo Alto.
Architect—Newsom & Newsom, Russ Bldg., San Francisco.

Sub-Bids Being Taken.
RESIDENCES Cost, $5,000 each
REDOOD CITY, San Mateo Co., Cal.
Three one-story and basement frame and stucco residences (two 5-rm. and one 6-room residences) Monterey type, shake roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif. 486 Vassar.
Two-story frame and stucco residence (7 rooms).
Owner and Builder—W. A. Netherby, 385 Lyman Road, Oakland.
Architect—Not Given.

Bid Opening Date Postponed Until May 19.
RESIDENCE Cost, $8,500
BERKELEY, Alameda Co., Calif.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. Kellogg.
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley.

Contract Awarded
RESIDENCE Cot, $——
PITTSBURG, Contra Costa Co., Cal.
1½-story frame and stucco residence (6 rooms) asbestos shingle roof, gas heating system, hardwood floors, tile bath.
Owner—E. H. Fischer, Pittsburg.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—G. Seeno, Pittsburg.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 3746 Jackson Street.
Alterations to residence.
Owner—Emil Brisacher, Premises.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco

15— SCHOOLS

BIDS WANTED
SACRAMENTO, Cal.—Until May 25, 5 P. M., bids will be received by C C. Hughes, Secretary, Sacramento Board of Education, School Administration Bldg., 21st and L Sts., Sacramento for furnishing and delivering f.o.b. Sacramento High School 34th and Y Streets, 800 Portable Auditorium Chairs, Brunswick No. 251 or equal. Said chairs to be joined or ganged in sets of two.
Specifications may be obtained from above office.

BIDS WANTED
LOS GATOS, Santa Clara Co., Cal. —Until May 20, 7:30 P. M., bids will be received by Geo. F. Shaner, Clerk, Los Gatos Union High School Dist., for razing a portion of the old high school building and finishing the exterior of the unrazed portion in manner similar to present exterior finish.
All materials taken from the building, except certain plumbing fixtures become the property of the contractor.
Plans and specifications may be obtained from Prentiss Brown, District

CONTRACT AWARDED
VENTURA, Calif.—H. Mayson, 9315 Hooper Ave., Los Angeles, awarded general contract at $74,444 (using new materials) for a classroom building to be built at the Ventura Junior High School a PWA project. Harold E. Burket, 468 E. Main St., Ventura, Architect

Sub-Contracts Awarded

SHOPS Contract Price, $187,330
SAN FRANCISCO. Fillmore St. bet. Bay and Chestnut Streets.
Machine shops at the Marina Junior High School.
Owner—City and County of San Francisco.
Architects—George Kelham, 315 Montgomery St. and W. P. Day, Financial Center Building.
Contractor—O. Monson, 475 6th St.
Marble—J. E. Back Co., 1533 San Burno Ave., $1,236.
Iron Work—Fair Mrfg. Co., 617 Bryant Street, $1,799.
Tile—Art Tile & Mantel Co., 221 Oak Street, $11,800.
Paving—Lowrie Paving Co., 1540 16th St., $.03 (per sq. ft.);
Patent Hardware—Dalmo Sales Co., 511 Harrison St., $105.
Roofing, Waterproofing, Dampproofing—Malott & Peterson, 20th and Harrison Sts., $1,540.
H. M. Doors—Price Bldg. Specialties Co., 683 Howard St., $896.
Weather Strip—Chamberlin Metal Weatherstrip Co., 895 Post Street, $17.50.
Screens—Chamberlin Metal Weatherstrip Co., 895 Pot St., $241.65.
Acoustical Work—Western Asbestos Co., 675 Townsend St., $2,246.
Finish Hardware—Palace Hardware Co., 581 Market St., $5,195.
Painting—R. P. Paoli, 2530 Lombard St., $4,550.
Blackboards and Cork Carpet—American Seating Co., 207 Van Ness Ave. South, $830.
Sheet Metal—Fire Protection Products Co., 1101 16th St., $2,689.
Kitchen Equipment—Dohrmann Hotel Supply Co., 972 Mission St., $6,599.15.
Linoleum—D. A. Pancoast, 557 Market St., $3,249.80.
Metal Lockers—Trask & Squires, 39 Natoma St., $4,594.30.
Shades—A. H. Ruhlman, 444 Golden Gate Ave., $425.00.
Steel Sash and Doors—Detroit Steel Products Co., 111 Sutter St., $7,896.00.
Lathing and Plastering—M. J. King, 231 Franklin St., $15,121.
Modeling—P. O. Tognelli, 475 Francisco St., $265.00.
Waste Molds—P. O. Tognelli, $510.
Strip Wood Block Flooring—Royal Floor Co., 1930 Van Ness Avenue, $520.00.
Laminite Floor—Royal Floor Co., $1,600.00.
Shop Blowers—Rees Blow Pipe Co., 340 7th St., $487.
Glass—W. P. Fuller & Co., 301 Mission Street, $2,750.

As previously eported, mechanical and plumbing awarded to F. W. Snook 596 Clay St., $23,193; electric to United Electric Co., 1190 Bryant St., $8,317.

Plans Awaiting Approval.

SHOWER ROOMS Cost, $8000
HOLLISTER, San Benito Co., Calif.
One-story frame shower room building at High School.
Owner — San Benito County High School District.
Architect—W. H. Weeks, 595 Market St., San Francisco

Plans have been forwarded to State Division of Architecture, Sacramento, and upon approval bids will be asked.

Plans Being Figured — Bids Close May 27, 2:30 P. M.

SCHOOL Cost, $60,000
PETALUMA, Sonoma Co., Cal. Howard and Walnut Streets.
Two-story and basement reinforced concrete parochial school (8 classrooms; 37x156 feet) St. Vincent's Parochial School.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Arnold Constable, 580 Market St., San Francisco.
Structural Engineer — K. Theill, 580 Market St., San Francisco.

Bids are being taken on a general contract with separate bids on plumbing and heating.

Contracts Awarded

SHOPS Cont. Price, $187,330
SAN FRANCISCO. Fillmore St. bet. May and Chestnut Streets.
Machine shops at the Marina Junior High School.
Owner—City and County of San Francisco.
Architects—George Kelham, 315 Montgomery St. and W. P. Day, Financial Center Building.
Low bids follow:
General Work—O. Monson, 475 Sixth Street, $187,330.
Mechanical & Plumbing—F. W. Snook 596 Clay Street, $23,193.
Electric—United Electric Co., 1190 Bryant Street, $8,317.

CONTRACT AWARDED

LONG BEACH, Cal.—Andy Sordal, 722 Magnolia Ave., Long Beach, was awarded contract by the Long Beach board of education at $98,536 for construction of the Lafayette school bldg. A. L. Ferver, 132 W Ocean Avenue, Long Beach, structural engineer, and Cecil Schilling, 145 Linden Ave. Long Beach, architect.

Low Bidders

GYMNASIUM Cost, $50,000
SAN LUIS OBISPO, Cal. High School Campus.
One - story gymnasium (72x144 ft.) steel frame structure, masonry walls, steel sash, maple floors, two sun decks, tile roof, electric wiring, metal skylights, stucco exterior, etc.
Owner—San Luis Obispo Board of Education.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Low Bidder—Theo. M. Maino, 1424 Mill St., San Luis Obispo, $58,292.
The three low bids follow:
Theo. Maino, San Luis Obispo....$58,292
F. C. Stolte, Oakland..... 62,500
Andy Sordal, Los Angeles.....71,182
Bids held under advisement.

BIDS WANTED

NEAR LORAINE, Kern Co., Cal.—Until May 21, 8 P. M., bids will be received by Agua Caliente School District, Kern County, for the construction of a one-story frame school building near Loraine, Kern County. Plans by the architectural office of Edwin J. Symmes, 215 Haberfeld Bldg., Bakersfield.

Plans may be obtained from the office of the architect upon deposit of $10. Certified check or bidder's bond for 10% must accompany each bid.

Preparing Working Drawings.

GYMNASIUM Cost, $90,000
SACRAMENTO, Sacramento Co., Cal. Sacramento Junior College.
Brick gymnasium (fifth unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.

Plans will be sent to State Division of Architecture, Sacramento, for approval in two weeks.

CONTRACT AWARDED

TUCSON, Arizona.—Claude Monier, Tucson, awarded contract at $10,381 by the Pima County Board of Supervisors for the construction of an addition to the Drachman school, Tucson. M. L. Tophoy submitted the only other bid at $11,100. The work includes the addition of a two-classroom wing and teachers' rest room M. H. Starkweather, 40 W Congress St., Tucson, architect.

CONTRACT AWARDED

WEST LOS ANGELES, Cal.—Myers Bros., 3407 San Fernando Road, awarded contract at $339,880 for construction of a new administration building at 10,260 Orton Avenue, West Los Angeles, for 20th Century - Fox Film Corp. The building will be a 3-story, Class D, U-shaped structure, 420x50-ft. in area, with two projections to be 48x52-ft. in area, frame and stucco construction, wood floors, plumbing, composition, roofing, wood roof trusses, steel sash, etc. Plans were prepared by Engineer J. A. Barlow, 10,260 Orton Ave., West Los Angeles.

CONTRACT AWARDED

LOS ANGELES, Cal.—N. W. Thiele Constr. Co., 1401 Santa Fe Ave., or Room 200, 11 W. Seventh St., awarded general contract by Los Angeles Bd. of Education, at $132,260 (general work, including painting but excluding plumbing, heating and ventilating and electric wiring) for the construction of a new main building and the reconstruction, rehabilitation and strengthening of the existing main building at the Ramona School, 1133 N. Mariposa Ave. Frank D. Hudson, 701 Laughlin Bldg., Architect and Ralph A. DeLine, 1044 S. Grand Ave., Structural Engineer.

CONTRACT AWARDED

LOS ANGELES, Cal.—Hanson, Howard & Shaffer, % J. A. Riddell, 111 W. Seventh St., awarded general contract bid by Los Angeles Board of Education at $56,895 (including painting but excluding plumbing, ventilating and electric work) for a two-story boy's and girls' physical education building to be erected at the Horace Mann Junior High School, 7001 S. St. Andrews Place. Douglas McLellon & Allen McGill, 907 Architects' Bldg., Architects; S. B. Barnes, 803 W. Third St. Structural Engineer and Ralph E. Phillips, 603 Architects' Bldg., Mechanical Engineer.

CONTRACT AWARDED

LOS ANGELES, Cal.—Contracting Engineers, 2310½ W. Vernon Ave., awarded contract by Los Angeles Board of Education, at $43,500, for the reconstruction, rehabilitation and strengthening of the 1922 portion of the main building at Main Street School, 120 East 52nd St. Lester T. Squires, 523 Union League Bldg., Architect, and Blaine Noice, 5436 Carleton Way, Structural Engineer.

CONTRACT AWARDED

LOS ANGELES, Cal.—George Mittry, 122 S. Avenue 20, awarded contract by Los Angeles Board of Education, at $61,900 for reconstruction, rehabilitation and strengthening of the main brick building at the Hooper Avenue School, 5123 Hooper Ave. A. S. Nibecker Jr., 1425 S. San Pedro St., Architect.

AWARD RECOMMENDED

SOUTH PASADENA, Los Angeles Co., Cal. — South Pasadena High School District Trustees have recommended to the PWA that the contract for the reconstruction of the auditorium at South Pasadena High School be awarded to the low bidder, Duff & Vandenhoogen, 733 West 14th St., Long Beach, on the basis of their normal bid of $100,430. Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, Architects.

CONTRACT AWARDED

BELL, Los Angeles Co., Calif.—Raphael Co., 270 Tehama St., San Francisco, awarded contract by Los Angeles board of education at $386, for painting and miscellaneous work on the main building (less 1930 south annex) at the Woodlawn Ave. school, 6314 Woodlawn Ave., Bell

Construction To Start Shortly.

SCHOOL Cost, $50,000
KINGSBURG, Fresno Co., Calif.
One-story reinforced concrete grammar school (6 classrooms, and auditorium).
Owner—Kingsburg Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Project being financed with PWA funds.

Plans Being Prepared.

RECON. SCHOOL Cost, $——
OAKLAND, Alameda Co., Cal. 47th Ave. and Foothill Blvd.
Reconstruction of Fremont High School.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Further details will be announced at a later date.

Plans Being Figured—Bids Close May 27, 2 P. M.

SCHOOL Cost, $75,000
SAN MATEO, San Mateo Co., Calif.
One-story frame and stucco school and auditorium (5 classrooms and auditorium to seat 500).
Owner—St. Matthews Catholic School 900 S. El Camino Real, San Mateo.
Architect—H. A. Minton, 525 Market St., San Francisco.
Plans and specifications may be obtained from the architect.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—General Seating Co., 160 Second St., at $13,971 awarded contract by Department of Public Works for the installation of blackboards in the following schools:
Excelsior School: Excelsior Avenue and London Street.
Andrew Jackson School: Grove St. between Clayton and Cole.
Grattan School: Schrader Street, between Alma and Grattan.
F. J. McCoppin: Seventh Ave., bet. Balboa and Cabrillo.
Commodore Sloat School: Junipera Serra Blvd., between Darien Way and Ocean Avenue.
Complete bids published April 30th.

BIDS OPENED

SAN FRANCISCO, Calif.—J. W. Bender Roofing Co., 18th and Bryant Streets, at $675, submitted low bid to Department of Public Works for waterproofing the boiler room at the Marina Junior High School, Fillmore Street, between Bay and Chestnut.
Complete bids follow:

J. W. Bender Roofing Co.	$ 675
Mills Construction Co.	840
Alta Roofing Co.	857
Empire Roofing Co.	960
Permanent Waterproofing Co.	1,145

Bids held under advisement.

16—BANKS, STORES AND OFFICES

Low Bidder.

PENT HOUSE Cost, $22,000
SAN FRANCISCO. No. 133 Geary St.
Class A concrete and steel pent house (3500 sq. ft. of floor space).
Owner — Courvoisier Galleries, 480 Post St., San Francico.
Architect — Henry T. Howard, 580 Market St., San Francisco.
Low Bidder—Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.

Plans Completed.

ALTERATIONS Cost, $15,000
OAK PARK, Sacramento Co., Cal.
Alterations to Post Office.
Owner—Fraternal Order of Eagles.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Lessee—U. S. Government.

Contract Awarded.

ALTERATIONS Cost, $5000
SAN FRANCISCO. No. 78 Ellis St.
Alterations to restaurant.
Owenr—Wm. H. Freeman, Chancellor Hotel, San Francisco.
Architect—Not Given.
Contractor—Fred W. Schell, 666 Mission St., San Francisco.

Contract Awarded.

ALTERATIONS Cost, $4500
SAN FRANCISCO. No. 200 Douglass Street.
Alterations to stores and flats.
Owner—G. Williams, Premises.
Architect—Not Given.
Contractor—Victor E. Ratto, 4594 19th St., San Francisco.

Contract Awarded.

ALTERATIONS Cost, $2000
SAN FRANCISCO. SW Eddy and Taylor Sts.
Alterations to store building.
Owner—Hyman Estate Co.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.

Contract Awarded

ESCALATORS, ETC.
Total Cost, $250,000
SAN FRANCISCO. Market St. near Fifth Street.
Preparatory work for the installation of 8 escalators from downstairs store to 4th floor of dept. store.
Owner—The Emporium, Premises.
Plans by Engineering Dept. of Owner.
Contractor—Barrett & Hilp, 918 Harrison Street.
As previously reported, escalator contract awarded to Otis Elevator Co., 1 Beach Street.

BIDS OPENED

SAN FRANCISCO, Calif.—Reed & Reed, Hearst Bldg., San Francisco, at $141,799 submitted low bid to Public Utilities Commission, City Hall, for construction of a new administration building at the San Francisco Airport, Airport Contract No. 38. Building will be a reinforced concrete structure with reinforced concrete structural walls, metal lath and plaster partitions on metal studs, tile roof and will have a timber frame kitchen wing on northerly side.
Plans prepared by the Airport Bureau, 425 Mason Street.
Complete bids follow:

Reed & Reed	$141,799
MacDonald and Kahn	143,641
K. E. Parker Company	151,585
Clinton Construction Co.	155,800
O. Monson	155,832
Barrett & Hilp	157,512

Bids held under advisement.

Contract Awarded

ALTERATIONS Cost, $3,000
SAN FRANCISCO. 23 Grant Avenue.
Alterations to loft building.
Owner—Hobart Estate Company.
Architect—Bliss & Fairweather, Balboa Building.
Contractor—H. S. Meinberger, 956 Folsom Street.

BIDS OPENED

SACRAMENTO, Calif.—M. R. Carpenter, 907 Front Street, Sacramento, at $1,498 submitted low bid to State Purchasing Department, Sacramento, for furnishing and installing air condition system in the Agricultural Pavilion Building, State Fair Grounds, Sacramento. Complete bids follow:

M. R. Carpenter, Sacramento	$1,498
J. N. Blair, Sacramento	1,535
Luppen & Hawley, Sacramento	1,578
H. B. Ward Co., Sacramento	1,680
York Ice Machinery Corp., San Francisco	1,682
Mendenhall Co., Sacramento	1,890
Electric Appliance Co. (General Electric Co.)	2,039

Bids held under advisement.

Work Started.

ALTERATIONS, ETC. Cost, $——
SAN FRANCISCO. No. 1041 Market Street.
Alterations and additions to four-story hotel for annex to present store building.
Owner—Weinstein Co., Premises.
Architect—Not Given.
Mgr. of Constr.—Morris Gibbs, 2216 Fillmore St., San Francisco.

Contract Awarded.

STORE Cost, $2500
PALO ALTO, Santa Clara Co., Calif. No. 376 University Avenue.
One-story store building.
Owner—T. C. Christy, 441 Maple St., Palo Alto.
Architect—Birge & David Clark, 310 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Plans Completed.

ALTERATIONS Cost, $20,000
SACRAMENTO, Sacramento Co., Cal. SE Eighth and K Streets.
Alterations to three-story building (terra cotta trim, glass work, air conditioning, painting, decorating, etc.)
Owner—Milens, Inc.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Bids will be asked within a few days.

Sub-Contracts Awarded

ALTERATIONS Cost, $7,000
OAKLAND, Alameda Co., Cal. Washington Street.
Alterations to market building (new front, plate glass and tile sliding doors, etc.)
Owner—City Market.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—David Nordstrom, 354 Hobart St., Oakland.
Plumbing—Madden Plbg. Co., 3119 San Pablo Ave., Piedmont.
Electric Wiring—Creager Elec. Co.
Tile—Rigney Tile Co., 3012 Harrison Street, Oakland.
Glass—W. P. Fuller & Co., 259 10th Street, Oakland.
Iron Grille Work—Eandi Iron Works, 1339 62nd Ave., Oakland.
Plastering — Sam Muriale, 3831 La Cresta, Oakland.
Steel Sash—Bates Carpenter Co., 606 Mission St., San Francisco.
Painting—Patterson Bros., 573 Santa Rosa Ave., Berkeley.
Concrete—Nat Lena, 1174 19th Street, Oakland.
Awning—Art Linoleum Co., Oakland.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.

Contract Awarded.

STORE & RESIDENCE $10,000
NORTH FAIR OAKS, San Mateo Co.
Two-story frame and stucco store and residence.
Owner—F. Terres.
Architect—Not Given.
Contractor—Zabellose Bros., 911 Soto St., Hayward.

Preparing Working Drawings.

ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. No. 1530 Broadway.
Alterations for men's clothing store (three-story structure).

RIODICAL DEPT.

Owner—Hastings Cothing Store, Post and Kearny Sts., San Francisco (C. H. Turner, Manager).
Architect — W. G. Corlett, Bank of America Bldg., Oakland.

Plans Being Figured.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. No. 110 Market Street.
Alterations to ground floor of building for store (soda fountain, etc.)
Owner—Weinstein Co., 1041 Market St., San Francisco.
Architect—Not Given.

Sub-Contracts Awarded
STORE Cost, $10,000
OAKLAND, Alameda Co., Calif. 3246 Lakeshore Avenue.
One-story reinforced concrete store.
Owner—Henry Schwartz.
Architect—E. T. Foulkes, 357 12th St. Oakland.
Contractor—Kelly & Tulloch, 335 8th Street, Oakland.
Roofing—Central Sheet Metal Works, 3246 Ettie St., Oakand.
Plumbing—Max Finzel, 2025 Hopkins Street, Oakland.
Electric Wiring—Matson Elec. Equip. Co., 4115 Broadway, Oakland.
Sheet Metal—Central Sheet Metal Co., 3246 Ettie St., Oakland.
Tile—Rigney Tile Co., 3012 Harrison Street, Oakland.
Glass—East Bay Glass Co., 621 Sixth Street, Oakland.
Iron Grille Work — Frauneder Ornamental Iron Works, 335 8th St., Oakland.
Lathing and Plastering—Wm. Makin, 214 Livington St., Oakland.
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley.
Mill Work—Oakland Planing Mill, 105 Washington St., Oakland.
Painting—Turgeon Painting Co., 2059 Webster St., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland. *

FIRE LOSS
SANTA CRUZ, Santa Cruz Co., Cal. —Fire destroyed the Pacific Ocean House Hotel, the Carpenter Dress Shop, Walti-Schilling building, etc., on Pacific Avenue in Santa Cruz. Damage estimated at $50,000 6

Contract Awarded.
REROOF BANK Cost, $——
MADERA, Madera Co., Calif.
Reroofing bank building.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Dept. of Owner
Contractor — D. H. Coffman, 1837 Merced St., Fresno.

Contract Awarded.
STORE Cost, $22,000
SALINAS, Monterey Co., Cal. Alisal and Salinas Streets.
One-story reinforced concrete and steel store building (Johns-Manville asbestos shingle roof, cement floors, leaded glass, etc
Owner—Earl Wilson.
Architect — Chas. Butner, 630 Pajaro St., Salinas.
Contractor—F. C. Carlsen, 336 Lincoln St., Salinas.

Low Bidder
REBUILD THEATRE Cost, $——
MODESTO, Stanislaus Co., Calif.
Rebuild theatre (recently destroyed by fire)
Owner—Modesto Theatre (W. R. Mensinger, % American Lbr. Co., 9th Street, Modesto.
Architect—Russell G. deLappe, 5 9 0 5 Keith Ave., Oakland.
Low Bidder—Cotner, Tomnitz & King, Rte. 4, Box 1209, Modesto.
Bids held under advisement.

Contract Awarded
ALTERATIONS Cost, $2,000
STOCKTON, San Joaquin Co., Calif. 402 E Main Street.
Alterations to store building.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Const. Dept. of Owner.
Contractor—Lewis & Green, Bank of America Bldg., Stockton.

Segregated Bids Being Taken.
RESIDENCE Cost, $15,000
SAN FRANCISCO. W Telegraph Ave. 60 N Sycamore St.
One-story reinforced concrete store building (40x100 ft.) 10-year roofing, wood flooring, steel sash, metal window mouldings, etc
Owner—**H. K. Walton.**
Architect—S. Heiman, 605 Market St., San Francisco.

Contract Awarded.
STORE Cost, $——
SACRAMENTO, Sacramento Co., Cal No. 1009-15 Eleventh Street.
One-story and basement brick and concrete store building (60x80 ft.)
Owner—Capital Co., 625 Market St San Francisco.
Plans by Construction Dept. of Owner
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.

Contract Awarded.
OFFICE & FACTORY Cost, $15,000
SAN FRANCISCO. W Potrero Ave N 19th Street.
One-story Class C office and factory building.
Owner—L. & W. Johnson, 666 Mission St., San Francisco
Architect—Not Given.
Contractor—Louis Johnson, 666 Mission St., San Francisco. * 16

Sub-Contracts Awarded
ADDITION Cost $6,000
SANTA CRUZ, Santa Cruz Co., Calif. Vine and Church Streets.
Addition to office bldg. (add dental office, waiting room, business offices, two operating rooms, dressing and rest rooms, etc.)
Owner—Dr. Morris J. Gates.
Plans by Mr. Palmer.
Contractor—Darrow Palmer, 254 Branciforte Ave., Santa Cruz.
Plumbing — Izant and Wilson, Santa Cruz.
Electric Wiring—Ben Freeburg, Santa Cruz.
Heating—Izant & Wilson, Santa Cruz
Lumber—Hebbron Lumber Co., Santa Cruz.
Painting—Paul Parsons, Santa Cruz.
Concrete—E. G. Costella & Sons, Santa Cruz. 16

Sub-Contracts Awarded.
GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School Distract.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor — Meyer Constr. Co., 735 Portola Dr., San Francisco, $47,184
Structural Steel—Herrick Iron Wks., 18th and Campbell Sts., Oakland.
Mill Work—Diamond Match Co., Grass Valley.
Composition Sleepers—National Kellastone Co., Mills Tower, S. F.
Window Hardware—University Window Co., 950 Parker St., Berkeley.
Finish Hardware — Marshall Newell Co., Spear and Mission Sts., San Francisco.
Glass — Diamond Match Co., Grass Valley.
Blackboards and Cork — American Seating Co., 207 Van Ness Ave. So., San Francisco.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Roofng—Alta Roofing Co., 976 Indiana St., San Francisco.
Plastering—J. J. Burdon, 3817 Forest Hill Ave., Oakland.
Maple Flooring—Acme Floor Co., 1051 Mission St., San Francisco.
Lathing and Plastering—James Patt, 36 Day St., San Francisco.
As previously reported, mechanical work awarded to M. J. Reeves, 959 Natoma St., San Francisco, $12,699; electric to United Electric Constr. Co., 1190 Bryant St., San Francisco, $3147.

Planned.
STORE Cost, $——
SACRAMENTO, Sacramento Co., Cal. S K Street, bet. Fourth and Fifth Streets.
One-story store building (20,000 sq. ft. of floor space).
Owner—American Urban Realty Co. (L. H. Marks, 1301 45th Avenue, Sacramento.
Architect—Not Given

Bids Opened
OFFICE BLDG. Cost, $15,000
MARYSVILLE, Yuba Co., Calif. NW Fourth and Oak Streets.
One-story brick office building.
Owner—Mr. Aaron.
Architect—Charles F. Dean, California State Life Building, Sacramento.
Low Bidder—Chas. Unger, 2426 7th St. Sacramento.
Complete bids follow:
Chas. Unger, Sacramento.....$15,680
W. R. Burroughs, Marysville..... 16,202
Chell & Triplett, Marysville..... 16,456
Clarence Stevenson, Marysville 16,672
Bids held under advisement. *

Plans Being Completed
MARKET Cost, $20,000
MODESTO, Stanislaus Co., Calif. J and 12th Streets.
One-story market building (200x140-feet).
Owner—Carl W. Shannon, Modesto.
Architect—Russell G. deLappe, 5 9 0 5 Keith Ave., Oakland.
Bids will be asked in one week.

Plans Completed.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 826 Mission Street.
Alterations to stores and lofts.
Owner—J. Malfanti et al.
Architect—Carl Geilfuss, 1095 Market St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 301-321 Brannan Street.
Alterations to office and warehouse.
Owner—Crane Co., Premises.
Plans by Owner's Engineering Department, Chicago, Ill.
Contractor—Chas. Stockholm & Sons, Russ Bldg., San Francisco.

17— THEATRES

Plans Completed.
THEATRE Cost, $70,000
SAN FRANCISCO. Chestnut Street near Scott Street.
One-story steel and concrete theatre (to seat 900); modern style.
Owner—Sbarboro & Detjen
Architect — John Ahnden, 822 39th Ave., San Francisco
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Construction will start shortly.

Plans Being Prepared
ADDITION Cost, $——
PALO ALTO, Santa Clara Co., Calif.
Additional wing to Children's Theatre (one-story frame and stucco structure).
Owner—City of Palo Alto.
Architect—Birge and David Clark, 310 University Ave., Palo Alto.

Bid Opening Date Postponed Until May 25, 10 A. M.
OPERA CHAIRS Cost, $——
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Opera chairs for Stanford Memorial Hall.
Owner—Stanford University.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Following will submit bids:
American Seating Co., 207 Van Ness Ave. South, San Francisco.
Heywood Wakefield Co., 180 New Montgomery St., San Francisco.
General Seating Co., 160 Second St., San Francisco.
Pacific Coast Theatre Supply Company, 250 Golden Gate Avenue, San Francisco.

Bids Rejected
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. K St. between Fifth and Sixth.
Alterations to Capital Theatre (work involves decorating, new wiring, plastering, hot air heating system, air conditioning system, etc.)
Owner—T. and D. Theatres and Fox West Coast Theatres, 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Plans will probably be revised and new bids asked at a later date.

18— WHARVES & DOCKS

BIDS WANTED
SAN FRANCISCO.—Until May 20, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, for furnishing and erecting hydraulic plants for ferry slips on shoals fill northwest of Yerba Buena Island in San Francisco Bay; Shoals Contract No. 3.
Plans and specifications may be obtained at Room 605, 425 Mason St., upon deposit of $20.00.

BIDS WANTED
HICKAM FIELD, T. H.—Until June 4, 1:30 P. M., bids will be received by the Constructing Quartermaster, Fort Mason, San Francisco, and Purchasing and Contracting Officer, Hickam Field, T. H., for constructing a dock and boathouse at Hickam Field, T. H. Estimated cost $85,000.
Plans and specifications may be obtained from above offices. Further details will be announced shortly.

CONTRACT AWARDED
SAN FRANCISCO—Malott & Peterson, 20th and Harrison Sts., at $25,371.50 awarded contract by Public Utilities Commission, for P. & B. process covering of untreated piles to be used in constructing ferry slips on Yerba Buena Shoals. Shoals Contract No., 4.

CONTRACT AWARDED
SAN FRANCISCO—Healy Tibbitts Constr. Co., 64 Pine St., at $331,600 awarded contract by Public Utilities Commission for constructing Ferry Slips on the fill northwest of Yerba Buena Island; Shoals Contract No. 2. The contract includes furnishing material and erecting three passenger ferry slips on the west side of the fill and one freight ferry slip on the east side. Work includes furnishing and driving piles, constructing timber fenders, painting and miscellaneous metal work.
Plans prepared by W. P. Day, director of works for San Francisco Bay Exposition Corp., Financial Center Bldg.

19—MISC. CONSTRUCTION

BIDS OPENED
STOCKTON, San Joaquin Co., Cal. —Bright Spot Electric Co., 332 East Weber Ave., Stockton, at $2,191.12 submitted low bid to Stockton City Council for furnishing and installing public address system in the Municipal Auditorium, Stockton.
Complete bids follow:
Bright Spot Elec. Co., Stockton $2,191.12
Internat'al Business Machine Corp., San Francisco..... 2,998.68
Hild Elec. Mfg. Co., Stockton 3,172.40
Wilson-Schulz & Co., Stockton 3,182.70
Bids held under advisement.

BIDS WANTED
BIDS OPENED
COALINGA, Fresno Co., Cal.—Davis Electric Co., North 5th St., Coalinga, at $2278 submitted only bid received by the Coalinga City Council for the installation of a new electrical system, consisting of the building of a secondary line placing the entire city's water system on a single source of power.
The line is to be 1650 ft. in length consisting of two circuits (6 wires) of No. 0000 bare copper wire, of cross arm construction on wood poles insulated for 600 volts with saddle type insulators and normal spacing of 12-inch between wires of each circuit. Spans shall not exceed 150 feet in length.

ENGINEERS APPOINTED
SACRAMENTO, Cal.—Sacramento Municipal Utility District has appointed Lester S. Ready and H. G. Butler of San Francisco consulting engineers to prepare a report on the comparative costs of constructing a new distribution system in the district and purchasing the existing P. G. & E. system. A bond issue of $12,000,000 has been authorized in the district for purchase or construction of a power supply and distributing system.

TO ASK BIDS
WEST LOS ANGELES, Cal. — Engineer J. A. Barlow, 10,260 Orton Ave. West Los Angeles, has completed working drawings and will take bids from a selected list of general contractors in about one week for a 3-story film cutting and storage building to be built at 10,260 South Orton Ave. for the 20th Century-Fox Film Corp. Cost, $140,000.

Contract Awarded
MORTUARY Cost, $10,000
PLACERVILLE, Eldorado Co., Calif. B and Coloma Streets.
One - story frame, brick and concrete mortuary (chapel, organ, etc.) air conditioning system, etc.
Owner—George Van Vleck, Placerville
Architect—Jens C. Petersen, 812 26th Street, Sacramento.
Contractor—Chas. Meredith, Placerville.

Contract Awarded.
DEPOT Cost, $——
SONOMA, Sonoma Co., Calif. Spain and First Street West.
Stage depot.
Owner—Sebastiani Stage Depot.
Architect—Not Given.
Contractor—Len Thomas, Sonoma.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED
BOULDER CITY, Nevada—International Derrick & Equipment Co., Torrance, Calif., at $17,001.78 awarded the contract by the Bureau of Reclamation, Denver, under Spec. No. 771-D for furnishing structural steel for four diverter towers and two capacitor supports for the Boulder switchyard, Boulder Canyon Project.

CONTRACT AWARDED
SAN FRANCISCO.—Automatic Signal Corp., 230 Park Ave., New York, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1541, for furnishing vehicle and pedestrian actuated timers for the Department of Electricity.

BIDS OPENED
BERKELEY, Alameda Co., Calif—Following bids received by the Berkeley City Council, Florence Turner, City Clerk, for furnishing Portland cement concrete pipe:
American Concrete & Steel Pipe Corp. **Standard strength reinforced concrete:** 21-in., $2.35 per lin. ft.; 24-, $2.70; 27-in. $3.10; 30-in. $3.50; 33-in., $4.25; 36-in., $4.50; **Extra strength reinforced concrete:** 12-in., $1.50; 15-in., $1.80; 18-in., $2.20; 21-in., $3.10; 24-in., $3.65; 27-in., $4.25; 30-in. $4.75; 33-in. $5.35; 36-in., $5.80.
California Concrete Products Co.: **Plain concrete:** 12-in., $0.58; 15-in., $0.95; 18-in., $1.26; 21-in., $1.75; **Standard strength reinforced concrete:** 12-in., $0.95; 15-in., $1.30; 18-in. $1.65; 21-in. $2.05; 24-in. $2.30; 27-in. $3.00; 30-in., $3.40; 33-in., $4.25; 36-in., $4.75; **Extra strength reinforced concrete:** 12-in., $1.30; 15-in., $1.60; 18-in., $2.10 21-in., $3.00; 24-in., $3.50; 27-in., $4.05; 30-in., $4.70; 33-in., $5.45; 36-in. $6.10.
Discounts: $500 to $1499, 2%; $1500 to $2499, 3%; $2000 to $3900, 5%.
Bids held under advisement.

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MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

TRESASURY DEPARTMENT

SAN FRANCISCO—Bids will be received by the Procurement Division, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing materials for use on WPA projects as follows:

May 18, 10 A. M.

BID NO. 1598: Rental of 30 to 60 h. p. crawler type tractor with bulldozer; f.o.b. Arcata Municipal Athletic Field, Humboldt County.

BID NO. 1599: Rental of 30 to 60 h. p. tractor with bulldozer, crawler type; f.o.b. Humboldt County and vicinity, to be used 12 miles east of Eureka on Kneeland Road.

BID NO. 1601: Rental of 40 to 60 h.p. tractor with bulldozer, crawler type; f.o.b. Del Norte County and vicinity, to be used near Klamath

Specifications obtainable from the above office.

SAN FRANCISCO.—Blds will be received by the Procurement Division, Treasury Department, Room 514, 49 Fourth St., for furnishing materials for use on WPA projects as follows:

MAY 18, 10 A. M.:

BID NO. 1613: Slate blackboard; fob job site; McKinley Elementary School, Gridley;

BID NO. 1614: Redwood and Douglas fir lumber; fob Oakland Municipal Exposition Bldg., 10th and Fallon Sts., Oakland.

MAY 19, 10 A. M.:

BID NO. 1622: Millwork; fob Municipal Exposition Bldg., 10th and Fallon Sts., Oakland.

Specifications obtainable from above office. *

WAR DEPARTMENT

FORT MASON, Cal.—Until May 15, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-36-34, for furnishing cast iron tees, elbows, gate valves, pipe caulking lead, hemp packing, etc.

Delivery fob Hamilton Field, Marin County.

Specifications obtainable from above office. *

NOTE: It was previously reported incorrectly, that blds would be opened May 19. *

FORT MASON, Cal.—Until May 22, 10 A. M., blds will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-302, for furnishing 1700 packing boxes.

Specifications obtainable from above office.

ALAMEDA COUNTY

BERKELEY, Alameda Co., Cal.—Until May 19, 10 A. M., blds will be received by the Berkeley City Council, Florence Turner, City Clerk, for furnishing rock and screenings, and incadescent electric lamps for the fiscal year

Specifications obtainable from the above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until May 18, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 3492: 25 dozen asphalt rakes, 16-in. head; and 10 dozen extra handles;

BID NO. 3494: 3 portable power driven grinders, Type B head; fob bidder's shipping point;

BID NO. 3493: 12 dozen falling wedges Oregon Pattern, 6-lb.;

BID NO. 3495: 24 galvanized boxes, 24 ga., 10x10x25-in. inside dimensions for Camp Boss outfits, and 12 galvanized tool boxes;

BID NO. 3496: 20 aluminum siamese units, shut off type; 100 slot type wrenches; 36 fire hoze nozzles, plain type.

Delivery fob bidder's shipping point and/or Government Island, unless otherwise noted.

Specifications obtainable from above office.

HUMBOLDT COUNTY

EUREKA, Humboldt Co., Calif.—Until May 19, 5 P. M. (to be opened at 8 P. M.) bids will be received by the Eureka City Council, City Hall, for furnishing 2500 l.f. of 12-in. Class "B" A.W.W.A. or mono cast or centrifugal cast, bell and spigot cast iron water pipe or equal, guaranteed to stand 150 lbs. hydro static test.

Delivery fob dock, Eureka, within 60 days after award of contract.

The pipe will be used in the replacement of the entire G Street water main from Ninth St. to Del Norte.

John Griffith, Superintendent of Public Works.

Specications obtainable from above office. *

WAR DEPARTMENT

FORT MASON, Cal.—Until May 19, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616 36-34, for furnishing cast iron tees, elbows, gate valves, pipe, caulking lead, hemp packing, etc.

Delivery fob Hamilton Field, Marin County.

Specifications obtainable from above office. *

SACRAMENTO, Cal.—Until May 19, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-243, for furnishing one electric range.

Delivery fob Rio Vista.

Specifications obtainable from above office. *

BUREAU OF PRISONS

ALCATRAZ ISLAND Cal. — Until May 19, 2 P. M., bids will be received at Room 214, Post Office Bldg. San Francisco under Bid No. PI-135 for furnishing one duplex single stage automatic air compressor.

NOTE: This call for bids supersedes and cancels Bid No. PI-129, opened April 28.

Delivery f.o.b. Dock No. 1, Fort Mason.

Specifications obtainable from the above office and from Warden J. A. Johnston, U. S. Penitentiary, Alcatraz Island. *

ALCATRAZ ISLAND, Cal. — Until May 26, 2 P. M., bids will be received by the Bureau of Prisons Alcatraz Penitentiary, at Room 214, Post Office Bldg., San Francisco under Bid No. 663, for furnishing and installing one electric siren, complete with wiring, controls, etc., on building No. 68, Alcatraz Island.

Specifications obtainable from the above office.

Bids may be delivered in person to the above office, or mailed to the Warden, U. S. Penitentiary, Alcatraz.

Note:—It was previously reported that bids would be opened May 19.

OAKLAND CITY

OAKLAND, Cal.—Until May 25, 4:30 P. M., bids will be received by the City of Oakland Port Commission, A. H. Abel, Secretary, for furnishing dock equipment as follows:

(1) 2 dock tractors;
(2) 1 dock lift truck;
(3) 60 4-wheel dock trucks.

Specifications obtainable from above office. *

LAKE COUNTY

LAKEPORT, Lake Co., Cal.—Until June 1, 8 P. M., bids will be received by the Lakeport City Council, D. W. Dillard, City Clerk, Library Bldg., Lakport, for furnishing road oil.

Plans and specifications obtainable from the above office.

SAN FRANCISCO CITY

SAN FRANCISCO—Until May 22, 2 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1530, for furnishing materials for use during the fiscal year 1936-7937, including fuel; boiler compounds; lubricants; household, janitorial supplies and cordage; blueprinting, photographic, drafting and engineers' supplies; street and sewer materials and incandescent electric lamps.

Specifications obtainable from the above office.

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New convenience, faster service for our San Francisco and adjacent trade. Pipe, Tile, Brick, Fire Clay, Flue Lining, etc. - - - - -
Gladding Brothers
MANUFACTURING CO.
417 Berry St. - San Francisco
Main Office and Plant, San Jose

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until June 4, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for constructing three reinforced concrete bridges across Warm Creek, Santa Ana River, and an overflow channel, and grading and paving approaches with Portland cement concrete pavement, all in San Bernardino County, near Colton.

The work involves:

(1) 557 M. gals. water
(2) 26,000 c.y. rdwy. embankment;
(3) 8,000 c.y. struc. excav.;
(4) 3,700 s.y. subgrade for pave.;
(5) 93 c.y. concrete to be removed and disposed of;
(6) 11 sta. finishing rdwy.;
(7) 23 tons liquid asphalt SC-2 (road mix surf. treatment)
(8) 2,200 s.y. preparing, mixing and shaping shoulders (road - mixed surface treatment);
(9) 3 tons liquid asphalt 90-95 (seal coat);
(10) 30 tons screenings (seal coat);
(11) 714 c.y. Class A Portland cement concrete (pave.);
(12) 3,100 c.y. Class A do (struc.);
(13) 82 c.y. Class A Portland cement concrete (railing);
(14) 580,000 lbs. bar reinf. steel;
(15) 1,570 each pavement dowels;
(16) 0.4 MFBM redwood timber, dense select, all-heart structural grade (railing);
(17) 11,240 l.f. furnish treated Douglas fir piles, includ. test piles;
(18) 557 each driving do;
(19) 800 c.y. Class A Portland cement concrete (slope pave.);
(20) 88 l.f. 12-in. CMP;
(21) 92 l.f. 54-in. CMP;
(22) 6 each spillway assemblies;
(23) 8 each culvert markers;
(24) 42 each guide posts;
(25) 0.6 mile new property fence;
(26) 9 each monuments;
(27) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the offices of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

ALAMEDA COUNTY, Cal. — Until June 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of six undergrade crossing structures under the tracks of the Southern Pacific and the Western Pacific Railroads, and construction of one bridge and about 2.89 miles grading and paving with Portland cement concrete and plant-mixed surfacing on crusher run base, in Alameda County near Niles.

The work involves:

(1) 1 only exist bridge to be removed
(2) 870 cu. yds. exist. Portland cement to be removed and disposed of;
(3) 152 sta. clearing and grubbing;
(4) 500 M. gals. water;
(5) 110,000 cu. yds. roadway excav. unclass.;
(6) 11,690 cu. yds. struc. excav.;
(7) 1,200,000 sta. yds. overhaul;
(8) 144 sta. finishing roadway;
(9) 9600 tons crusher run base;
(10) 7300 tons min. aggregate (plant-mixed surf.);
(11) 365 tons liquid asphalt MC-5 or extra heavy (plant-mixed surf.)
(12) 50 tons. liq. asph. MC-2 (prime coat);
(13) 280 tons screenings (seal coat);
(14) 30 tons liquid asphalt MC-3 (seal coat);
(15) 105 tons liquid asphalt SC-1A (road connections & shoulders)
(16) 70 tons liq. asphalt SC-2 (road connections and shoulders);
(17) 2430 cu. yds. Class A Portland cement concrete (stand pave.);
(18) 635 cu. yds. Class B Portland cement concrete (thick pave);
(19) 4080 each pave dowels;
(20) 853,000 lbs. bar reinf. steel;
(21) 7722 cu. yds. Class A Portland cement concrete (strucs.);
(22) 31 cu. yds. Class F Portland cement concrete (railing);
(23) 365,000 lbs. struc. steel in place;
(24) 1,048,000 lbs. struc. steel (furnishing and painting);
(25) 1650 lin. ft. furnishing treated Douglas Fir piles, including test piles;
(26) 66 each driving treated Douglas Fir piles, including test piles;
(27) 4544 lin. ft. furnishing steel piles, including test piles;
(28) 144 each driving steel piles, including test piles;
(29) 620 lbs. bronze expansion plates;
(30) 20 cu. yds. rubble masonry;
(31) 600 cu. yds. riprap;
(32) 800 lin. ft. 15-in. reinf. concrete pipe;
(33) 160 lin. ft. 24-in. do;
(34) 1542 lin. ft. 8-in. CMP;
(35) 1320 lin. ft. 10-in. CMP;
(36) 580 lin. ft. 12-in. CMP;
(37) 362 lin. ft. 15-in. CMP;
(38) 1470 lin. ft. 18-in. CMP;
(39) 52 lin. ft. 24-in. CMP;
(40) 590 lin. ft. 30-in. CMP;
(41) 770 lin. ft. 8-in. perf. metal pipe;
(42) 2280 lin. ft. 8-in. perf. metal pipe (furnished by the State);
(43) 435 cu. yds. rock filling material
(44) 418 lin. ft. remove and relay pipe culverts;
(45) 887 lin. ft. remove and salvage pipe culverts;
(46) 1200 lin. ft. 8-in. vit clay pipe;
(47) 755 cu. yds. Class A Portland cement concrete (curbs, gutters and sidewalks);
(48) 1240 lin. ft. guard railing;
(49) 48 each guide posts;
(50) 32 each culvert markers;
(51) 933 lin. ft. pipe handrail;
(52) 3.5 miles new property fences;
(53) 20 each tubular gates;
(54) 2580 sq. yds. membrane waterproofing;
(55) 70 each monuments;
(56) 3220 lin. ft. 1¼-in. cast iron irrigation pipe;
(57) 32 each ¾-in. irrigation outlets;
(58) 150 lin. ft. 10-in. cast iron discharge pipe;
(59) 820 lin. ft. 12-in. cast iron discharge pipe;
(60) 3290 lbs. misc. iron and steel;
(61) 2 each spillway assemblies;
(62) 1700 lbs. copper strips;
(63) 300 lin. ft. lighting conduit;
(64) 1 lot pumping equipment;
(65) 1 each brick manhole;
(66) 17 cu. yds. Class A Portland cement conc. (ditch lining);
(67) 1300 lin. ft. tree stakes;
(68) 170 cu. yds. top soil;
(69) 134 each trees (eucalyptus polyanthemos);
(70) 1070 ea. roses (Rosa Wichuriana) riana);
(71) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

LINCOLN COUNTY, Oregon.—Until May 21, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, auditorium, third floor, Public Service Bldg., Portland, for construction of a 69-foot composite pile trestle bridge over Olalla Creek on Corvallis-Newport Highway, approximately one mile northerly from Toledo, Lincoln County. The work involves approximately 960 l.f. treated piling; 60 c.y. concrete; 12,000 lbs. metal reinforcement; 15 MFBM treated lumber and 150 l.f. concrete handrail.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

COMPLETE BID LISTING

SAN BENITO COUNTY, Cal.—Lord & Bishop, Native Sons Bldg., Sacramento, at $3850, as previously reported, submitted low bid to the Division of Highways. L. H. Gibson, District Engineer, San Luis Obispo, for salvaging and moving 120 ft. bridge from Pacheco Creek to San Benito River, and salvaging 100 ft. bridge at San Benito River.

The other bids were:

W. J. Tobin, Oakland.....$4624
Union Paving Co., S. F..... 5138

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Bodenhamer Const. Co., Box 67, Oakland, at $214,065.10 awarded contract by the State Highway Commission, Sacramento, for construction of a undergrade crossing under the tracks of the Southern Pacific Company and Western Pacific Railroad Co. at San Leandro Street in Oakland.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Clyde W. Wood, Box 49, Stockton, at $175,529.65 awarded contract by the State Highway Commission, Sacramento, for the construction of a steel deck truss bridge with concrete deck across Santa Margarita River about 2½ miles north of Oceanside, San Diego County, consisting of two 167 ft. 6 in. spans, two 67 ft. cantilever spans, and two 30 ft. 6 in. plate girder approach spans.

CONTRACT AWARDED

LASSEN COUNTY, Cal.—Poulos & McEwen, 2522 17th St., Sacramento, at $61,727 awarded contract by the State Highway Commission, Sacramento, for construction of an overhead crossing over the tracks of the Great Northern Railway near Bieber Station, Lassen County, consisting of a steel and timber structure with concrete deck and grading and surfacing with road-mix surfacing approximately 0.54 mile of roadway.

CONTRACT AWARDED

LOS ANGELES, Calif.—Bent Bros., Inc., 418 S Pecan St., Los Angeles, at $274,378.49 awarded contract by the Los Angeles Board of Public Works for the construction of a grade separation structure and appurtenant work in Macy St. bet. Lyon St. and 100 ft. west of Date St. Union Passenger Terminal Station PWA Project 4361.

This will be the first major unit of the city's program at the Union Terminal site. The subway will be 505 ft. in length, with a 56-ft. roadway and 6-ft. sidewalk on each side.

BIDS WANTED

WASHINGTON COUNTY, Oregon—Until May 22, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, auditorium, third floor, Public Service Bldg., Portland, for the construction of a 107 ft. composite pile trestle over the Oregon Electric Railway tracks and 0.6 mi. of grading, surfacing and oil mat surface treatment on the Garden Home section of the Garden Home County Road No. 1323.

The work requires approximately 44,600 cu. yds. excavation; 2600 cu. yds. sub-base materials; 1000 cu. yds. base and surfacing materials; 8200 sq. yds. oil mat surfcae treatment; 1100 lin. ft. treated piling; 85 cu. yds. concrete; 19,000 lbs. metal reinforcement; 21 MFBM treated lumber; 230 lin. ft. concrete handrail; and 140 sq. ft. blast plate.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

CONTRACT AWARDED

APACHE COUNTY, Arizona. — Ken Hodgman, 714 Plymouth Road, Pasadena, Calif., at $44,730 submitted low bid and awarded contract by Arizona State Highway Commission, Phoenix, for highway construction on the St. Johns-Sanders Highway, WPSS 113-B, AFE 8106.

The work, which is to begin at St. Johns and is to extend northeasterly for a distance of about one mile, consists of the construction of a concrete and steel bridge, and the grading, draining and oiling (in part) of the roadway, and is to be completed on or before October 15.

The principal items and approximate quantities are:

2,000 c.y. rdwy. excav.;
10,700 c.y. drainage excav.;
570 c.y. struc. excav.;
13,900 c.y. imported borrow;
12,800 c.y. mi. imported borrow haul;
3,100 c.y. select materials;
481 c.y. Class A concrete;
49,200 lbs. reinforcing steel;
71,600 lbs. structural steel;
156 l.f. 18-in. corru. metal pipe;
56 l.f. 24-in. corru. metal pipe;
6,000 l.f. line fence;
100 c.y. plain riprap;
1,700 sq. yds. furnishing and placing oil mix;
3,150 gals. SC-2 road oil;
100 hours rolling;
200 M. gals. sprinkling;
and other incidental items.

Tanner Const. Co., Phoenix, submitted the second low bid at $50,276.

CONTRACT AWARDED

NAVAJO COUNTY, Arizona.—R. C. Tanner Const. Co., Phoenix, at $103,995.31 submitted low bid and awarded contract by Arizona State Highway Commission, Phoenix, for constructing reinforced concrete subway at Winslow under the A. T. & S. F. Railway tracks. It is to be completed on or before Feb. 28, 1937. Proj. No. W P G M 107; AFE 621.

The principal items are:

14,400 c.y. structural excavation;
1,700 c.y. select material (CIP);
2,240 l.f. combined curb and gutter;
2,100 sq. yds. 6-in. conc. pavement;
43 c.y. Class AA concrete;
1,535 c.y. Class A concrete;
776 c.y. Class D concrete;
347,600 lbs. reinforcing steel;
2,500 l.f. 4-in. vitrified clay pipe;
1 lump sum reconstruct sewer;
1 lump sum remove and rebuild stone wall;
800 l.f. lead seal;
1 lump sum membrane and asphalt plank waterproofing;
1 lump sum electric lighting system;
1 lump sum, pump and pumping equipment;
1 lump sum removal of buildings
5,400 sq. ft. concrete sidewalk;
500 tons plant mix;
25 tons cutback asphalt;
1 ton emulsified asphalt;
50 tons screenings;
and other incidental items.

The other bids were:

Pearson & Dickerson, Prescott, $106,548.43.

Phoenix-Tempe Stone Co., Phoenix, $117,907.92.

F. D. Shufflebarger, Albuquerque, N. M., $120,906.60.

Heuser & Garnett, Glendale, Calif., $134,302.14.

Daley Corp., San Diego, $142,779.51.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until May 25, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of a reinforced concrete culvert over Silver Creek in District No. 2.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1.

BIDS OPENED

GLENN COUNTY, Cal.—N. M. Ball Sons, P. O. Box 404, Berkeley, at $43,671.65 submitted low bid to the State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge and about 1.5 miles of highway construction in Glenn County between 4 miles north of Willows and one mile south or Artois, of which about 0.5 mile is to be graded and surfaced with crusher run base and plant-mixed surfacing, about 0.6 mile to be widened and borders of crusher run base constructed and fences to be reconstructed over the remainder.

The work involves:

(1) 60 sta. clearing and grubbing right-of-way;
(2) 255 M. gals. water;
(3) 2900 cu. yds. rdwy. excav. unclass.;
(4) 270 cu. yds. ditch and channel excavation;
(5) 8800 sta. yds. overhaul;
(6) 9500 cu. yds. imported borrow;
(7) 390 cu. yds. struc. excav.;
(8) 410 cu. yds. exist. conc. removed and disposed of;
(9) 60 sta. finishing roadway;
(10) 3000 tons crusher run base;
(11) 1150 tons mineral aggregate (plant-mixed surfacing);
(12) 59 tons liquid asphalt MC-4 or MC-5 or MC extra heavy (plant-mixed surfacing);
(13) 10 tons liquid asphalt SC-2 (prime coat);
(14) 7.6 tons liquid asphalt 90-95 (seal coat);
(15) 600 sq. yds. asph. paint binder;
(16) 74 tons screenings (seal coat);
(17) 9 tons sand (penetration oil treatment);
(18) 206 cu. yds. Class A Portland cement concrete (strucs.);
(19) 15 cu. yds. Class A Portland cement conc. (railing);
(20) 50,045 lbs. bar reinf. steel;
(21) 1220 lin. ft. furnishing reinf. conc. piles, including test piles;
(22) 41 each driving reinf. concrete piles, including test piles;
(23) 176 lin. ft. 12-in. CMP;
(24) 138 lin. ft. 18-in. CMP;
(25) 6 each move and reset headwalls
(26) 410 cu. yds. broken conc. riprap;
(27) 8 each culvert markers;
(28) 1.4 miles exist. fences moved and reset;
(29) 1 only exist. bridge removed and disposed of;
(30) 22 each monuments complete in place.

Total bids follow:

(A) N. M. Ball Sons, Berkeley, $43,671.65.
(B) Leo F. Piazza, San Jose, $46,305.35.
(C) A. T. Howe, Santa Rosa, $46,869.05.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 75.00	$ 17.00	$ 50.00
(2)	1.60	3.00	2.00
(3)	.50	.60	.60
(4)	.90	1.00	1.00
(5)	.01	.015	.01
(6)	.42	.50	.50
(7)	1.40	1.00	1.50
(8)	3.50	3.50	4.00
(9)	5.00	7.50	10.00
(10)	2.50	3.75	2.75
(11)	4.60	5.00	5.00
(12)	20.00	26.00	20.00
(13)	22.00	26.00	20.00
(14)	25.00	26.00	20.00
(15)	.03	.05	.05
(16)	3.50	4.50	3.00
(17)	4.00	4.50	3.00
(18)	23.40	22.00	21.00
(19)	40.00	27.00	40.00
(20)	.05	.05	.05
(21)	3.00	2.50	1.25
(22)	30.00	40.00	65.00
(23)	1.25	1.75	1.30
(24)	2.00	2.50	2.00
(25)	10.00	13.00	10.00
(26)	4.00	2.80	5.00
(27)	3.00	3.00	2.00
(28)	300.00	400.00	400.00
(29)	500.00	1300.00	3000.00
(30)	3.00	3.00	3.00

NEW BIDS ASKED

PLACER COUNTY, Cal. — Until June 2, 10 A. M., new bids will be received by the Placer County Board of Supervisors, Court House, Auburn, for construction of a steel span on steel pile foundations with wood deck, over Coon Creek, about 6½ miles north of Lincoln. The bridge will be 85-feet long with an 18-foot roadway.

All bids received May 5 were rejected.

Plans and specifications obtainable fram the office of the County Clerk and from W. E. Emmett, engineer, Sharon Bldg., San Francisco, at a charge of $1 per set. There are no changes in the specifications.

The Board also rejected all bids received on the same date for construction of a steel span on steel pile foundations with concrete floors over Dry Creek on Douglas St., near Roseville. *

BIDS WANTED

SAN FRANCISCO, Cal.—Until May 27, 2:30 p.m., lump sum bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18825 for renewal of the floor deck and walk on the east cantilever roadway of the Third Street bridge over Islais Creek Waterway. Estimated cost $3,000.

Work includes furnishing and installing open steel mesh decking, new structural steel supports, new timber curb, sidewalk and wheel guard, and painting all structural steel, timber curb, wheel guard and angle guards.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon $10 cash deposit.

CONTEMPLATED

VANCOUVER, B. C.—The Canadian government has approved construction of the First Narrows bridge project estimated to cost $6,000,000. The main center span will be 1500 ft. long with 575-ft. side spans, will carry three traffic lanes, will have a clearance at high water of 200 feet, and will involve approximately 11,000 tons of steel. Two 400-ft. towers will carry the spans.

John Anderson, Royal Bank Bldg., Vancouver, B. C., is the local representative of the British interests backing the project. Bids probably will be called in August.

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until June 9, 10 a.m., bids will be received by the Alameda County Board of Supervisors, G. E. Wade, County Clerk, Court House, Oakland, for the construction of the Bell Ranch Bridge over Alameda Creek on Decoto Road in Washington township. The bridge will be of the steel truss type with a 21-ft. roadway and two 4-ft. sidewalks. Estimated cost, $40,000.

The work involves:

(1) 950 c.y. excavation for structures.
(2) 100 l.f. creosoted timber piles.
(3) 680 c.y. Portland cement concrete in abutments and walls.
(4) 142 c.y. Portland cement concrete in deck and sidewalks.
(5) 55,000 lbs. reinforcing steel.
(6) 280,000 lbs. structural steel.
(7) 1,000 lbs. additional structural steel.
(8) 100 l.f. electric fillet weld, shop.
(9) 100 l.f. electric fillet weld, steel.
(10) Lump sum, removal of existing bridge, cleaning site, etc.

Burnett Hamilton, County Engineer.

Plans and specifications obtainable from the office of the County Clerk upon deposit of $25. *

22—DREDGING, HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

SACRAMENTO, Calif. — Morrison-Knudsen Co., P. O. Box 1518, Boise, at $200,830.75 awarded contract by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Rm. 208 Post Office Bldg., Sacramento, under Bkl No. 1105-36-227, for setting back, raising, and strengthening the existing levee and constructing new levee along the easterly side of the Sacramento River between Moulton Weir and a point about one-fourth mile downstream from bridge across the Sacramento River at Colusa, for a distance of approximately 10.3 mi. The total volume of earth to be placed in embankment is approximately 938-000 c.y.

23—IRRIGATION PROJ.

DISTRICT FORMED

CONTRA COSTA COUNTY, Cal.—Formation of a water district in the eastern and central sections of Contra Costa County, embracing the cities of Martinez, Pittsburg, Antioch and Concord, was approved at the election May 5. The disctrict will negotiate with the Federal Government for construction of a $2,500,000 canal between Knightsen and Port Chicago.

An election will be called in the near future to name five directors for the district.

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until May 13, 3 P. M., bids will be received by the Board of Directors of the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., for construction work for Improvement District No. 35, including:

SCHEDULE No. —. Consisting of approximately .... sq. ft. of 2-in. thick concrete canal lining.

SCHEDULE No. 1. Consisting of approximately 3103 feet of 20-in. concrete pipe line. Alternate 3103 feet of 24-in. concrete pipe line.

SCHEDULE No. 2. Consisting of approximately 3 concrete structures, a total of 1¼ cu. yds. of concrete.

SCHEDULE No. 3. Consisting of approximately 33 concrete structures, a total of —— cu. yds. of concrete 16 8-in., 10 12-in. K.T. valves and 3 14-in., 3 16-in., 2 20-in. K. T. valves and following pipe— 80-ft. 18-in., 50-ft. 12-in., 48-ft. 14-in., 10-ft. 16-in., 40 ft. 20-in., 18 ft. 24-in., 6 ft. 30-in.

(Note) The work in the preceding schedule is to be paid for in cash by property owners desiring same.

SCHEDULE No. 4. Consisting of approximately 30 lineal feet of 12-in. diameter concrete pipe.

SCHEDULE No. —. Consisting of approximately .... Calco Screw Gates.

Plans and specifications obtainable from the above office. * 3

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho. —Until June 1, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, R. J. Newell Construction Engineer, under Spec. No. 797-D, for construction of structures, North Canal Laterals 50.3 to 54.4-0.5, Dead Ox Flat division, Owyhee Project.

The work is located near Ontario, Oregon, and the principal items of work involved are:

(1) 1,950 c.y. all classes of excavation for structures;
(2) 1,800 c.y. backfill;
(3) 590 c.y. concrete in structures,
(4) 1,400 s.y. dry rock paving;
(5) Placing 32,000 lbs. of reinf. bars;
(6) Laying 1.475 l.f. 15- to 36-in. dia concrete pipe;
(7) Installing 6,000 lbs. gates and gate hoists.

Work shall be commenced within 30 calendar days and completed within 120 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation, Ontario, or Denver, Colo., without charge to prospective bidders;

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho. —Until June 8, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, R. J. Newell Construction Engineer, under Spec. No. 685, for construction of earthwork and structures, Sage Creek main drain Sage Creek Drain No. 1.68, Sage Creek Drain No. 1.72, Drain No. 1-2-5, Drain No. 18-2-4, and Drain No. 1 east extension, Succor Creek division, Owyhee Project.

The work is located near Homedale, Idaho, and the principal items of work involved are:

(1) 534,000 c.y. excav. for drains;
(2) 2,500 c.y. excav. for structures;
(3) 11,600 c.y. backfill about struc.;
(4) 102 c.y. concrete in structures;
(5) 540 s.y. dry rock paving;
(6) Placing 6,200 lbs. reinf. bars;
(7) Driving 2,000 l.f. timber piling;
(8) Erecting 88 FBM timber in struc.
(9) Laying 2,812 l.f. 15- to 48-inch corrugated metal pipe;
(10) Erecting 284 l.f. No. 48, No. 60, and No. 120 metal flume.

Work shall be commenced within 30 calendar days and completed within 240 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation, Ontario, or Denver, Colo., without charge to prospective bidders; to others, $1 per copy, not returnable.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO.—Woodin & Little, 33 Fremont St., at $268.00 submitted low bid and recommended for award of contract by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. ER-868-36-17, for furnishing one 4-in. horizontal centrifugal pump with a capacity of approximately 550-gpm. operating on a 10-ft. head, complete with direct connected engine, flexible coupling and fuel tonk, mounted on a substantial base, ready to run for pumping fresh water from barge to dredge. Delivery fob Pier 3½, San Francisco waterfront.

Complete bids follow:

Woodin & Little, $268.00.

Harron, Rickard & McCone: (a) $424 (b) $434; (c) $449.

Edward R. Bacon, $466.

Fairbanks Morse Co., $419.50.

BIDS OPENED

BENICIA, Solano Co., Cal.—Following bids received by the Purchasing Agent, Benicia Arsenal, under Circular No. 146-36-38, for furnishing one certifugal pump and motor, 1000 g.p.m.

Westco Pump Sales Co., San Francisco, $697, pump only.

Byron-Jackson Pump Co., Berkeley, $794.90, pump only; $1044.90 installed complete.

Bids held under advisement.

BIDS OPENED

ALCATRAZ ISLAND, Cal.—Following bids received by the Bureau of Prisons, Alcatraz Penitentiary, J. A. Johnston, Warden, under Bid No. 648, for furnishing one steam pump, duplex, 4-in. suction, 3-in. discharge, for pumping salt water, extra heavy construction, outside & packed, pressure 150-lb., brass valves seats, brass lined cylinders, brass valves, stems and springs, monel piston rods, bronze fitted, maximum pumped per minute, 100 gals.; static suction lift 15 feet, static discharge head 150 ft.

Fairbanks-Morse & Co.	$490.83
Gardner-Denver Co. (Alter.)	464.00
Platt Iron Works	493.45
Worthington Co.	692.75
Warren Steam Pump Co.	734.75

Bids held under advisement.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing synchronous motors for the Colorado River Aqueduct pumping plants, under Spec. No. 153, were opened by the Metropolitan Water District, Los Angeles, May 12. The motors have been grouped under three items, as follows:

Item 1, Intake and Gene pumping plant; No. of motors 6; rated output (each motor) 6700 kw., 9000 hp.

Item 2 Iron Mountain pumping plant 3 motors; 3200 kw. 4300 hp.

Item 3 Eagle Mt. & Hayfield pumping plant; 6 motors; 9300 kw. 12,500 hp.

The bids were:

Westinghouse Electric & Mfg. Co., 418 S. San Pedro St., Los Angeles: (1) $705,711, (a) use tax, $21,171; (2) $316,711, (a) $9501; (3) $761,711 (a) $22851; services of erecting engineer, $25; f.o.b. East Pittsburgh, Pa.; no discount.

Allis-Chalmers Mfg. Co., 458 South Spring St., Los Angeles: (1) $700,000, (a) $21,000; (2) $280,000, (a) $8400; (3) $809,000, (a) $24,-270; services of erecting engineer, $25; f.o.b. Milwaukee; no discount.

General Electric Co., 5201 Santa Fe Ave., Los Angeles: (1) $673,552, (a) $20,206.56; (2) $311,919, (a) $9,357.57; (3) $780,575, (a) $23,-417.25; services of erecting engineer, $25; f.o.b. Schenectady, N. Y.; no discount. •

26—— RAILROADS

CONTRACT AWARDED

LOS ANGELES, Cal.—Bennett and Taylor, 1046 Venice Blvd., Los Angeles, at $119,600 awarded contract by the Los Angeles Harbor Department for constructing an interlocking and signal system at Los Angeles Municipal Terminal Railroad, Belt Line extension, under Spec. No. 947.

29— STREETS AND HIGHWAYS

BIDS OPENED

CRESCENT CITY, Del Norte Co., Cal.—Helwig Constr. Co., 115 S Main St., Sebastopol, at $6500 submitted only bid received by the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8187, for repairs to roadway leading from Crescent City to the Naval Direction Finder Station, Point St. George (Crescent City).

The bid probably will be rejected and new bids asked at a later date.

BIDS WANTED

SAN LUIS OBISPO COUNTY, Cal.—Until May 28, 2 P. M., bids will be received by the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for furnishing and applying liquid asphalt on about 41 miles in San Luis Obispo County between Cambria and Route 2, between Morro and Shandon, and between Santa Margarita and Creston.

Plans and specifications obtainable from the above office. •

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Love & Haun, 3454 20th St., San Francisco, at $0.1275 per sq.ft., total $1,721.25 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,947, for construction of a concrete sidewalk on Fulton St., between Leavenworth and Hyde Sts., between Fulton and McAllister Sts., along the frontage of the U. S. Government Office Bldg., involving 13,500 sq. ft. of two course concrete sidewalk. •

BIDS OPENED

YOLO COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, 1846 37th St., Sacramento, at $157,485.10, submitted low bid to the State Highway Commission, Sacramento, for about 3.5 miles grading and paving with asphalt concrete in Yolo County between the Yolo Causeway and the M Street Subway.

The work involves:

(1) 3,000 M. gals. water;
(2) 22,000 c.y. rdwy. excav., unclass.
(3) 30,000 sta. yds. overhaul;
(4) 1,850 c.y. struc. excav.;
(5) 51,000 c.y. imported borrow;
(6) 780 c.y. remove concrete (pave. and struc.);
(7) 3.55 miles grading (detour road);
(8) 37,000 sq. yds. preparing subgrade for pave.;
(9) 188 sta. finishing rdwy.;
(10) 7,600 tons untreated crush. gravel or stone surfacing (detour);
(11) 4,200 c.y. salvaged surf. (borders and road approaches);
(12) 112 tons liquid asphalt SC-2 (penetration oil treatment);
(13) 190 tons sand (do);
(14) 18 tons liquid asphalt 90-95 (seal coat);
(15) 210 tons screenings (seal coat);
(16) 28,000 sq. yds. asphaltic paint binder;
(17) 16,150 tons asphalt concrete (base and leveling course);
(18) 7,340 tons asphalt concrete (type A surface course);
(19) 2,800 lbs. bar reinf. steel (struc.)
(20) 55 c.y. Class A Portland cement concrete (struc.);
(21) 20 each cast steel frames and covers for drop inlets;
(22) 8 l.f. 12-in. CMP;
(23) 2,618 l.f. 18-in. CMP;
(24) 116 l.f. 36-in. CMP;
(25) 139 l.f. cleaning and relaying existing CMP culverts;
(26) 246 l.f. cleaning and salvaging existing CMP culverts;
(27) 4 each removing and resetting headwalls;
(28) 120 l.f. laminated guard railing;
(29) 10 each culvert markers;
(30) 16 each guide posts;
(31) 10 each removing and resetting guide posts;
(32) 41 each monuments.

Total bids follow:

(A) A. Teichert & Son, Inc., Sacramento, $157,485.10.
(B) Union Paving Co., San Francisco, $159,184.00.
(C) Heafey-Moore Co., Oakland, $183-537.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.50	$ .80	$ 1.50
(2)	.40	.26	.55
(3)	.01	.02	.01
(4)	1.00	1.00	1.00
(5)	.45	.45	.65
(6)	1.25	2.00	2.50
(7)	400.00	500.00	1000.00
(8)	.09	.10	.10
(9)	7.00	5.00	15.00
(10)	1.70	2.00	2.00
(11)	.65	.70	1.25
(12)	15.00	20.00	18.00
(13)	2.25	3.00	2.00
(14)	25.00	25.00	25.00
(15)	2.75	3.50	2.50
(16)	.025	.02	.02
(17)	3.47	3.60	3.60
(18)	3.86	3.80	3.80
(19)	.10	.10	.06
(20)	25.00	20.00	35.00
(21)	40.00	50.00	35.00
(22)	1.50	1.75	3.00
(23)	1.65	2.00	1.75
(24)	5.00	6.00	7.50
(25)	1.00	.60	1.50
(26)	.75	.60	1.00
(27)	25.00	10.00	20.00
(28)	1.50	1.50	1.50
(29)	3.00	2.00	3.00
(30)	3.00	2.00	3.00
(31)	1.50	1.00	2.00
(32)	3.00	3.00	3.00

BIDS WANTED

VALLEJO, Calif.—Until May 22, 10 A. M. (to be opened at 11 A. M.) bids will be received by the Vallejo City Council, Alf. E. Edgecumbe, City Clerk, for the improvement of various city streets. Work includes grading and paving portions of Georgia, Napa, El Dorado, York, Sonoma, Marin, Florida and Tennessee Streets. Estimated cost, $150,000.

The work involves:

SCHEDULE "A"

(1) 18,839 c.y. grading;
(2) 9,914 tons 3-in. crusher run base;
(3) 634 c.y. of Portland cement concrete gutter;
(4) 174 c.y. of Portland cement concrete alley crossing wings;
(5) 95 c.y. combined Portland cem. concrete curb and gutter;
(6) 2,590 l.f. curb armor;
(7) 78,917 s.f. 3-inch asphaltic concrete pavement base;
(8) 447,586 s.f. 4-inch do;
(9) 517,138 s.f. 2-in. asph. concrete pavement top, Type B;
(10) 9,365 s.f. 2-in. do, Type C;
(11) 1 only catchbasin, Type A;
(12) 2 each, catchbasins, Type B;
(13) 25 c.y. structure excavation;
(14) 72 l.f. catchbasin drains, 15-inch vitrified clay pipe.

SCHEDULE "B"

(Alternate to Schedule "A")

(1) 18,839 c.y. grading;
(2) 9,914 tons 3-in. crusher run base;
(3) 634 c.y. of Portland cement concrete gutter;
(4) 174 c.y. of Portland cement concrete alley crossing wings;
(5) 95 c.y. combined Portland cem. concrete curb and gutter;
(6) 2,590 l.f. curb armor;
(7) 78,917 s.f. 5-in. Portland cement concrete pavement base;
(8) 447,586 s.f. 6-in. do;
(9) 1 only catchbasin, Type A;
(10) 2 each, catchbasins, Type B;
(11) 25 c.y. structure excavation;
(12) 72 l.f. catchbasin drains, 15-inch vitrified clay pipe.

Following contractors have procured plans:

A. G. Raisch, 1 DeHaro St., San Francisco.

Irving Ball, P. O. Box 404, Berkeley.

Chas. L. Harney, 443 Call Bldg., San Francisco.

J. E. Johnston, Weber Ave. and E St., Stockton.

Plans and specifications obtainable from the office of City Engineer T. D. Kilkenny upon deposit of $10.00.

Work will be financed by a $300,000 bond issue for improvement of streets and storm sewers voted April 4, 1935. The remainder of the street work, to cost approximately $100,000 will be advertised for bids in about six weeks.

BIDS WANTED

SAN LUIS OBISPO COUNTY, Cal.—Until May 27, 2 P. M., bids will be received by the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying seal coat and road-mix surface treatment on about 16 miles in San Luis Obispo County, between Nipomo and Arroyo Grande, between Santa Maria River and Pismo, and between Edna and San Luis Obispo.

Plans and specifications obtainable from above office. •

TO PREPARE SPECIFICATIONS

FAIRFIELD, Solano County — City Council has authorized City Engineer F. A. Steiger to prepare specifications for the paving of portions of Jackson and Webster Streets, including one block on each side of Texas Street on the two thoroughfares. Work will be financed by the city's share of State gasoline tax funds.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until June 4, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 0.6 mile grading and paving with Portland cement concrete in Los Angeles County at Walnut Canyon.

The work involves:

(1) 32 sta. clearing and grubbing right of way;
(2) 1,800 M. gals. water;
(3) 87,000 c.y. rdwy. excav., unclass.
(4) 63,000 sta. yds. overhaul;
(5) 800 c.y. struc. excav.;
(6) 32 sta. finishing rdwy.;
(7) 510 tons sand (subgrade blending);
(8) 60 tons asphaltic emulsion (subgrade blending);
(9) 8,200 s.q. subgrade mixing;
(10) 7 tons liquid asphalt SC-2 (prime coat);
(11) 75 tons do (shoulders)
(12) 6,400 s.y. preparing, mixing and shaping shoulders and connection;
(13) 7 tons liquid asphalt 90-95 (seal coat);
(14) 80 tons screenings (seal coat);
(15) 1,435 c.y. Class A Portland cement concrete (pave.);
(16) 5,600 lbs. bar reinf. steel (pave. and struc.);
(17) 2,920 each pavement dowels;
(18) 10 c.y. Class A Portland cement concrete (struc.);
(19) 200 l.f. 24-in. standard reinforced concrete pipe;
(20) 190 l.f. 24-in. extra strength do;
(21) 320 l.f. 48-in. extra strength do;
(22) 270 l.f. 8-in. CMP;
(23) 4 each spillway assemblies;
(24) 25 c.y. concrete removed and disposed of;
(25) 39 each timber guide posts;
(26) 10 each timber culvert markers;
(27) 1.0 mile moving and resetting property fences;
(28) 2 each drive gates;
(29) 6 each monuments.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provision.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

AWARD APPROVED

PALO ALTO, Santa Clara Co., Cal.—Award of a contract by the Palo Alto Board of Public Works to A. J. Raisch, Lincoln Ave. and San Salvador St., San Jose, at $27,117.25, has been approved by the PWA and the State Highway Commission. Work includes paving and sewer construction on Page Mill Road, Oregon Ave., Middlefield Road, and Palo Alto Ave.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $3,864 awarded contract by the State Highway Commission at Sacramento for applying armor coat on about 2.1 miles in Alameda county bet. Scotts Corner and Arroyo Del Valle.

CONTRACT AWARDED

SAN BERNARDINO AND RIVERside Counties, Cal.—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at $88,083.60 awarded contract by the State Highway Commission, Sacramento, for applying road-mix surface treatment on about 76.5 miles in San Bernardino and Riverside Counties, between Vidal and Route 50, between Doble and 20 miles northerly, and between Route 26 and 11.5 miles northerly.

COMPLETE BID LISTING

INYO COUNTY, Cal. — Square Oil Co., Inc., 916 Adobe St., Los Angeles, at $1343.75, as previously reported, submitted low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, for furnishing and applying liquid asphalt to the existing roadbed on about 2.6 miles in Inyo County, between 1.8 miles north of Bishop and 1.4 miles north of Laws, involving 125 tons of liquid asphalt. SC-2, in place.

Complete bids follow:

Square Oil Co., (1) $10.75; total, $1343.75

Morgan Bros., Huntington Park, (1) $11.55; total, $1443.75.

Regal Oil Co., Long Beach, (1) $11.95; total, $1493.75

Lambs Transfer Co., Long Beach. (1) $12.39; total, $1548.75.

Basich Bros., Torrance, (1) $12.75; total, $1593.75.

Oilfields Trucking Co., Bakersfield. (1) $12.98; total, $1622.50

Paulsen & March, Los Angeles, (1) $13; total, $1625.

ORANGE CO.—2.7 Mi. GRADE & PAVE—STATE

ORANGE COUNTY, Calif.—Gibbons & Reed Co., 221 E San Fernando Blvd. Burbank, at $166,313.75, as previously reported, submitted low bid to State Highway Engineer, State Building, Los Angeles, for about 2.7 miles of grading and paving with Portland cement concrete in Orange County between Gypsum Creek and the Riverside County Line.

The work involves:

(1) 140 sta. clearing and grubbing right of way;
(2) 2,350 M. gals. water;
(3) 145,000 c.y. rdwy. excav., unclass.
(4) 2,700 c.y. struc. excav.;
(5) 2,500 c.y. ditch and channel excavation;
(6) 1,400,000 sta. yds. overhaul;
(7) 11.5 tons Grade E asphaltic cement (membrane seal);
(8) 32,000 sq. yds. subgrade for pave.
(9) 140 sta. finishing rdwy.;
(10) 470 tons mineral aggregate (plant mixed surf.);
(11) 24.5 tons liquid asphalt MC-5 or MC-extra heavy (do);
(12) 50 tons liquid asph. SC-2 (shoulder prime coat);
(13) 560 tons do (shoulders);
(14) 46,000 sq. yds. preparing, mixing and shaping shoulders;
(15) 50 tons liquid asphalt 90-95 (seal coat);
(16) 600 tons screenings (seal coat);
(17) 6,300 c.y. Class A Portland cement concrete (pave.);
(18) 12,800 each pavement dowels;
(19) 88,000 lbs. bar reinf. steel (pave. and struc.);
(20) 175 lbs. bronze expansion plates;
(21) 660 c.y. Class A Portland cement concrete (struc.);
(22) 9 c.y. Class F do (railing);
(23) 540 l.f. 8-in. CMP;
(24) 1,100 l.f. 24-in. CMP;
(25) 650 l.f. 30-in. CMP;
(26) 60 l.f. 36-in. CMP;
(27) 80 l.f. 42-in. CMP;
(28) 20 each spillway assemblies;
(29) 100 l.f. existing culvert pipe to be removed and relaid;
(30) 650 l.f. existing culvert pipe to be removed and salvaged;
(31) 80 l.f. laminated guard railing;
(32) 600 each guide posts;
(33) 52 each culvert markers;
(34) 1.0 mile new property fence;
(35) 3.0 miles existing fences to be moved and reset ;
(36) 2,950 l.f. bank protection fence;
(37) 1 only detour bridge;
(38) 230 c.y. existing concrete to be removed and disposed of;
(39) 60 each monuments complete in place

Total bids follow:

(A) Gibbons & Reed Co., Burbank. $166,313.75.
(B) Griffith Co., Los Angeles. $168,278.25.
(C) Oswald Bros., Los Angeles. $174-467.25.
(D) J. E. Haddock, Ltd., Pasadena. $192,781.50.
(E) Daley Corp., San Diego, $198,595.50.
(F) United Concrete Pipe Corp., Los Angeles, $233,696.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 17.50	$ 15.00	$ 25.00	$ 25.00	$ 30.00	$ 35.00
(2)	1.40	1.00	1.00	1.00	1.50	1.00
(3)	.27	.33	.36	.45	.38	.49
(4)	.65	1.50	.90	1.50	1.50	1.30
(5)	.30	.45	1.20	1.00	1.20	1.00
(6)	.005	.005	.005	.005	.004	.01
(7)	23.00	20.00	30.00	22.00	25.00	30.00
(8)	.09	.11	.10	.11	.15	.13
(9)	6.00	7.00	3.50	10.00	5.00	10.00
(10)	3.00	3.20	3.75	4.00	2.25	3.50
(11)	16.00	14.00	15.00	15.00	17.00	20.00
(12)	9.00	12.00	8.00	11.00	10.00	15.00
(13)	9.00	7.50	8.00	8.20	10.00	13.00
(14)	.045	.05	.045	.07	.055	.07
(15)	18.00	20.00	18.00	17.50	18.00	20.00
(16)	3.00	3.50	2.50	3.00	2.10	3.00
(17)	8.10	7.00	7.50	7.50	7.15	8.48
(18)	.12	.12	.11	.13	.15	.12
(19)	.05	.05	.053	.045	.05	.05
(20)	.33	.35	.35	.40	.60	.50
(21)	22.00	20.00	18.00	18.50	21.00	19.00
(22)	65.00	75.00	50.00	50.00	60.00	75.00
(23)	1.00	1.00	1.00	.90	1.00	1.00
(24)	2.60	2.75	2.50	2.40	2.50	2.50
(25)	3.10	3.25	3.00	3.00	3.00	3.00
(26)	4.80	5.00	5.00	4.70	4.40	6.00
(27)	5.50	8.00	6.00	5.65	6.00	7.00
(28)	15.00	13.00	15.00	14.00	15.00	15.00
(29)	.75	.60	.75	1.50	2.00	2.00
(30)	.20	.60	.50	1.00	1.50	1.00
(31)	1.00	1.50	1.25	1.00	1.50	1.00
(32)	1.50	1.50	1.75	2.00	2.50	2.00
(33)	1.50	2.00	2.00	2.50	2.50	2.00
(34)	450.00	200.00	600.00	600.00	450.00	650.00
(35)	160.00	300.00	500.00	500.00	175.00	500.00
(36)	4.25	3.75	3.50	4.00	8.50	9.40
(37)	1000.00	900.00	6.00	3.00	12.00	3.00
(38)	4.00	5.00	3.00	3.00	3.00	2.00
(39)	2.50	1.50	800.00	1000.00	1000.00	1250.00

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. —Until June 4, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 1.3 miles grading and paving with Portland cement concrete and asphalt concrete in San Bernardino County between Colton and Waterman Avenue.

The work involves:
(1) 2,206 M. gals. water;
(2) 104,000 c.y. rdwy. and dike embankment;
(3) 285 c.y. struc. excav.;
(4) 16,360 s.y. subgrade for pave.;
(5) 50 sta. finishing roadway;
(6) 131 tons liquid asphalt SC-2 (road mix surface treatment)
(7) 12,700 s.y. preparing, mixing and shaping shoulders (road - mix surf. treatment);
(8) 14 tons liquid asphalt 90-95 (seal coat);
(9) 159 tons screenings (seal coat);
(10) 2,290 tons asphalt concrete;
(11) 2,550 c.y. Class A Portland cement concrete (pave.);
(12) 5,300 each pavement dowels;
(13) 12,000 lbs. bar reinf. steel (pave and struc.);
(14) 28 c.y. Class A Portland cement concrete (struc.);
(15) 140 l.f. 8-in. CMP;
(16) 74 l.f. 18-in. CMP;
(17) 60 l.f. 24-in. CMP;
(18) 130 l.f. 36-in. CMP;
(19) 102 l.f. 30x3⅝-in. part circle corrugated metal;
(20) 126 l.f. 36x7½-in. do;
(21) 10 each spillway assemblies;
(22) 6 c.y. Class A Portland cement concrete (sidewalks);
(23) 12 each culvert markers;
(24) 150 each guide posts;
(25) 2.2 miles new property fence;
(26) 8 each drive gates;
(27) 3,200 s.y. asphaltic paint binder;
(28) 11 c.y. existing concrete to be removed and disposed of;
(29) 9,600 each willow cuttings;
(30) 30 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

RIVERSIDE COUNTY, Calif.—Until June 4, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.4 mi. grading and paving with plant-mixed surfacing in Riverside County between the San Bernardino county line and Beaumont.

The work involves:
(1) 1,134 M. gals. water;
(2) 56,700 c.y. rdwy. excav., unclass.
(3) 77,000 sta. yds. overhaul;
(4) 1,570 c.y. struc. excav.;
(5) 129 sta. finishing rdwy.;
(6) 7,900 tons mineral agg. (plant-mixed surfacing);
(7) 416 tons liquid asph. SC-4 (plant-mixed surfacing);
(8) 465 tons liquid asphalt SC-2 (road mixed surf. treatment);
(9) 56,300 s.y. preparing, mixing and shaping roadbed, detours, and shoulders (road-mix surf. treat.)
(10) 66 tons liquid asphalt 90-95 (seal coat);
(11) 784 tons screenings (seal coat);
(12) 195 c.y. Class A Portland cement concrete (struc.)
(13) 21,400 lbs. bar reinf. steel;
(14) 1 each spillway assemblies;
(15) 90 l.f. 8-in. CMP;
(16) 104 l.f. 18-in. CMP;
(17) 78 l.f. 24-in. CMP;
(18) 80 l.f. existing CMP culverts to be removed and salvaged;
(19) 488 l.f. existing CMP culverts to be removed and relaid;
(20) 10 each spillway assemblies to be moved and reinstalled;
(21) 22 each culvert markers;
(22) 139 each guide posts;
(23) 1.5 miles new property fence;
(24) 2 each drive gates;
(25) 19,200 s.y. asphaltic paint binder
(26) 160 tons coarse rock (subgrade);
(27) 1,112 c.y. existing concrete to be removed and disposed of;
(28) 24 each monuments complete in place.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provision.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the offices of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

SHASTA CO. — Until June 3, 2 P. M., bids will be received by the State Highway Commission at Sacramento, for about 2.4 miles grading and surfacing with crusher run base and road-mix surfacing in Shasta County between Viola and Forest Boundary.

The work involves:
(1) 11 acres clearing and grubbing right of way (inside slope lines)
(2) 30 acres clearing right of way (outside slope lines);
(3) 650 M. gals. water;
(4) 39,500 c.y. rdwy. excav., unclass.
(5) 4,400 c.y. imported borrow;
(6) 15 c.y. ditch and channel excav.
(7) 105,000 sta. yds. overhaul;
(8) 250 c.y. struc. excav.;
(9) 125 sta. finishing rdwy.;
(10) 5,600 c.y. crusher run base;
(11) 2,625 c.y. mineral aggregate (road mix surf.);
(12) 160 tons liquid asphalt ROMC-3 or ROMC-4 (road-mix surf.);
(13) 32 tons liquid asph. SC-2 (prime coat);
(14) 26 tons liquid asphalt ROMC-3 or ROMC-4 (seal coat);
(15) 200 c.y. sand (seal coat);
(16) 14 c.y. Class A Portland cement concrete;
(17) 500 lbs. bar reinf. steel;
(18) 44 l.f. 12-in. CMP;
(19) 504 l.f. 18-in. CMP;
(20) 10 l.f. 36-in. CMP;
(21) 26 each culvert markers;
(22) 26 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

CONTRACT AWARDED

APACHE COUNTY, Ariz. — Tanner Const. Co., Out West Bldg., Phoenix, at $36,328 submitted low bid and was awarded contract by the Arizona State Highway Commission, Phoenix, for construction of the Showlow-Concho Highway, WPSO 104-A, Sched. 3, AFE 609.

The work, which begins about 25 miles east of Showlow and extends northeasterly toward Concho for a distance of about 3.9 miles, consists of grading and draining the roadway, and is to be completed on or before Sept. 30, 1936.

The principal items and approximate quantities are:
8,000 c.y. roadway excavation;
54,700 c.y. imported borrow;
77,100 c.y. mi. do haul;
31 c.y. Class A concrete;
800 lbs. reinforcing steel;
610 l.f. corru. metal pipe (3 sizes);
1 cattle guard;
1,800 l.f. line fence;
500 hours rolling;
3,600 c.y. stripping pits.

Skousen Bros., Albuquerque, N. M., submitted the second low bid at $44,-341.

BIDS OPENED

SHASTA COUNTY, Cal. — Pacific Truck Service, Inc., 646 Park Avenue, San Jose, at $8454 submitted low bid to the Division of Highways, F. W. Haselwood, District Engineer, Redding, for applying seal coat on about 21.6 miles in Shasta County, between forest boundary on Route 20 and Bridge Camp on Route 83.

The work involves:
(1) 276 tons liquid asphalt, SC-4, in place;
(2) 1680 cu. yds. sand, in place.

Complete bids follow:
Pacific Tank Service, Inc., San Jose: (1) $21.50; (2) $1.50; total, $8454.
Helwig Constr. Co., Sebastopol: (1) $22; (2) $2.45; total, $10,188.
E. F. Hilliard, Sacramento: (1) $24,07 (2) $2.45; total, $10,759.32.
Hayward Bldg. Material Co., Hayward: (1) $22.60; (2) $3.15; total, $11,529.60.
Dunn & Baker, Klamath Falls: (1) $32; (2) $2.00; total, $12,192.
C. F. Frederickson & Sons, Lower Lake: (1) $25; (2) $3.50; total $12,780.
Palo Alto Road Material Co., Palo Alto: (1) $24; (2) $4.85; total, $14,-772.

CONTRACT AWARDED

DALY CITY, San Mateo Co., Cal.—L. C. Smith, 235 Third Ave., San Mateo, at $3265.20 submitted low bid and awarded contract by the Jefferso School District, Manual Arts Bldg., 344 Santa Barbara Ave., Daly City, for grading and improving scheel yards at the Woodrow Wilson and Jefferson Schools.

The work involves:
(1) 74,000 ft. grading and preparation of subgrade;
(2) 73,000 sq. ft. crusher run rock macadam base with emulsified oil and screenings surface;
(3) 1000 lin. ft. 12-in x 6-in. Redwood headers;
(4) 80 ft. 2-in. x 12-in. Redwood curb;
(5) One brick manhole;
(6) One brick catchbasin;
(7) 192 ft. 8-in. concrete pipe storm sewer.

Total bids follow:
(A) L. C. Smith, San Mateo, $3265.20.
(B) J. P. Lawlor, San Francisco, $3,-462.70.
(C) Eaton & Smith, San Francisco, $3924.50.
(D) Chas. L. Harney, San Francisco, $4552.
(E) A. G. Raisch, San Francisco, $4649.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$ .01	$ .005	$ .013	$ .02	$ .015
(2)....	.03	.038	.034	.035	.044
(3)....	.10	.12	.20	.16	.10
(4)....	.20	.20	.26	.32	.20
(5)....	55.00	32.50	50.00	70.00	45.00
(6)....	25.00	32.50	40.00	60.00	25.00
(7)....	.80	.60	.85	1.00	.70

Geo. Kneese, 2382 Broadway, Redwood City Engineer.

CONTRACT AWARDED

PINAL COUNTY, Arizona.—Arizona Sand & Rock Co., P. O. Box 1522, Phoenix, at $92,607.25 awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Casa Grande-Sacaton Highway, WPMS 122; AFE 1870 and WPS 122; AFE 1871. The work, which extends from the town of Casa Grande northeasterly about 14.4 miles to the junction with the Phoenix-Tucson Highway near Sacaton, consists of grading and oil processing by the road mix method, and is to be completed on or before Oct. 30, 1936.

AWARD RECOMMENDED

OAKLAND, Cal.—Independent Construction Co., 46th and Clement Sts., Oakland, at $52,325 submitted low bid and recommended for award of contract by the Oakland Port Commission, A. H. Abel, Secretary, for paving roadways leading to the 504-foot extension at Outer Harbor Terminal, a PWA project.

The work involves:

(1) Grading and preparation of subgrade for placing oil macadam pavement on road and area between bulkhead wall and rear retaining wall;
(2) Installation of drainage system.
(3) Asphaltic concrete pavement on apron wharf of 504 ft. extension to Outer Harbor terminal wharf
(4) Placing 10-in. oil macadam pavement on Wharf Street from Terminal St. to Maritime St.;
(5) Constructing 30-ft. roadway at east end of paved area in rear of wharf and on the ramp and crossings leading to the ramp;
(6) Placing an 8-inch oil macadam pavement on area between concrete bulkhead wall and rear retaining wall;

Bids were taken as follows:

(a) Lump sum, grading and preparation of subgrade for placing of 10-in and 8-in. oil macadam pavement;
(b) Lump sum, furnishing all materials and labor for installing drainage system, including manholes and furnishing and placing of rock over drain, including all excavation and backfill for drain;
(c) 200 tons asphaltic binder for base course on apron wharf, including laying and rolling of base course and incidentals in order to provide a finished base course ready for placing of surface mixture price ter ton;
(d) 100 tons asphaltic surface mixture in place on apron wharf, including spreading and rolling and all incidental work to produce finished surface, price per ton;
(e) 13,000 tons crusher run crushed rock in place in base course for oil macadam pavement, including incidentals in connection with production of a finished base course ready for final oil macadam surface, price per ton;
(f) 3500 tons macadam rock in place for wearing surface of oil macadam pavement, price per ton.
(g) 650 tons screenings for oil macadam surface, price per ton.
(h) 650 tons birdseye for finished surface and oil macadam pavement; price per ton.
(i) 1000 bbls asphaltic road oil, including furnishing, hauling, heating and applying to pavement surface and all incidental work; price per bbl.

Complete total bids follow:

Independent Const. Co., Oakland $52,325.00
Lee J. Immel, Berkeley..... 52,850.00
Ransome Co., Emeryville..... 53,213.00
Heafey-Moore Co., Oakland.. 55,682.50

Unit bids follow:

	(A)	(B)	(C)	(D)
(a)....	$6350.00	$7500.00	$6900.00	$ 3916.00
(b)..	9500.00	9000.00	8700.00	10,184.00
(c)..	4.50	4.50	4.25	4.25
(d)..	5.00	5.00	4.65	4.50
(e)..	1.60	1.70	1.74	1.77
(f)..	2.35	2.40	2.50	2.45
(h)..	2.75	2.65	2.95	3.00
(h)..	2.15	2.65	29.5	3.00
(i)..	3.00	4.00	3.00	2.65

CONTRACT AWARDED

ROSEVILLE, Placer Co., Cal.—John Rastler, 421 Riverside Ave., Roseville at $221 awarded contract by Treasury Department for constructing new sidewalks at the Roseville post office.

BIDS WANTED

PRESIDIO OF SAN FRANCISCO.—Until May 22, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, for constructing a parking area with curbs at Letterman General Hospital, Presidio of San Francisco.

Plans and specifications obtainable from the above office upon deposit of $5.00.

BIDS WANTED

STANISLAUS COUNTY, Cal.—Until June 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 4.2 miles of grading and surfacing with bituminous treated crushed gravel or stone (plant mixed) in Stanislaus County between Turlock and Keyes.

The work involves:

(1) 219 sta. clearing and grubbing right of way;
(2) 415 M. gals. water;
(3) 800 c.y. rdwy. excav., unclass.;
(4) 20 c.y. struc. excav.;
(5) 11,000 c.y. imported borrow;
(6) 50 c.y. salvaged surfacing;
(7) 219 sta. finishing rdwy.;
(8) 1,015 tons untreated crush. stone or gravel (base and surfacing);
(9) 6,550 tons mineral agg. (bituminous treated surf.);
(10) 458 ton asphaltic emulsion 90-95 (bituminous treated surf.);
(11) 22 tons asphaltic emulsion 90-95 (paint binder and seal coat);
(12) 100 tons sand (seal coat);
(13) 16,250 s.y. preparing, mixing and shaping shoulders;
(14) 100 tons liquid asphalt SC-2;
(15) 100 lbs. bar reinf. steel;
(16) 1 c.y. Class A Portland cement concrete;
(19) 46 l.f. 12-in. CMP;
(18) 1 each cast steel frame and cover for drop inlet;
(19) 93 c.y. existing concrete pave. and struc. removed and disposed of;
(20) 7 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the offices of the District Engineer in San Francisco, Los Angeles and Stockton.

CONTRACT AWARDED

NAVAJO COUNTY, Ariz.—Lee Moor Contr. Co., Bassett Tower Bldg., El Paso, Texas, at $160,221 submitted low bid and awarded contract by Arizona State Highway Commission, Phoenix, for highway construction on the Globe Showlow Highway, FLH 6-A, Unit 3, AFE 6025.

The work, which is to begin about 7 miles northeast of the Navajo county line and about 70 miles northeast of Globe and is to extend northeasterly approximately 10.7 miles, consists of grading and draining the roadway and is to be completed on or before May 31, 1937.

The principal quantities are:

107 cu. yds. roadway excavation;
5,700 cu .yds. drainage excavation;
7,800 cu. yds. slides and overbreakage;
3,500 cu. yds. structure excavation;
46,400 sta. yds. overhaul;
62,900 cu. yds. imported borrow;
14,000 cu. yds. mi. imported borrow haul;
732 cu. yds. Class A concrete;
77,100 lbs. reinf. steel;
2,982 lin. ft. C. M. pipe (5 sizes);
25,900 lin. ft. crown ditches;
682 cu. yds. cem. rubble masonry;
372 road guard posts;
112,300 lin. ft. line fence;
1,350 hours rolling;
188 guide posts;
and incidental items.

Fisher Const. Co., Phoenix, submitted the second low bid at $161,973.

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until June 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.9 miles surfacing with plant-mixed surfacing in Alameda County between Irvington and Centerville.

The work involves:

(1) 3,800 tons mineral aggregate;
(2) 200 tons liquid asphalt MC-5 or MC extra heavy;
(3) 18 tons asphaltic emulsion (prime coat);
(4) 25 tons liquid asphalt MC-3 (seal coat);
(5) 260 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles

BIDS OPENED

MODOC COUNTY, Calif. — C. F. Fredericksen & Sons, Lower Lake, at $18,959.65 submitted low bid to the State Highway Commission at Sacramento, for applying seal coat on about 32.9 miles and applying oil treatment to portions, in Modoc County, between Hot Creek and Cedarville Mountain, and between southerly boundary and Alturas.

The work involves:

(1) 83 tons liquid asphalt SC-4 (Location A);
(2) 502 cu. yds. lava cinders (Location A);
(3) 110 tons liquid asphalt 90-95 (Location B);
(4) 1095 cu. yds. screenings (Location B);
(5) 260 tons liquid asphalt SC-4 (oil treatment, Location C);
(6) 87 tons liquid asphalt SC-4 (seal coat, Location C);
(7) 1060 cu. yds. sand (seal coat, Location C).

Total bids follow:

(A) C. F. Fredericksen & Sons, Lower Lake, $18,959.65.
(B) Hayward Bldg. Materials Co., Hayward, $21,343.10.
(C) Dunn & Baker, Klamath Falls, $21,693.75.
(D) J. C. Compton, McMinniville, $24,151.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(2)	1.90	2.05	2.50	2.00
(3)	22.90	29.60	26.50	30.00
(4)	4.25	4.80	4.25	4.50
(5)	18.60	21.90	25.00	30.00
(6)	18.90	21.90	25.00	30.00
(7)	2.65	2.25	2.00	2.00
(1)	$18.60	$21.90	$25.00	$30.00

May 13, 1936

CONTRACT AWARDED

FRESNO, Fresno Co., Cal.—Valley Paving & Constr. Co., P. O. Box 1349, Fresno, awarded contract by Fresno City Commission, H. S. Foster, City Clerk, for the construction of sidewalks, curbs, gutters and asphaltic concrete pavement on O St. from Stanislaus St. to Fresno St., involving:

(1) Asphalt concrete, per ton;
(2) Transit mix Portland cement concrete, 1-2-4, per cu. yd.;
(3) Asphalt curb joint, per piece;
(4) Asphalt joint fabric, ¼x6-in. per lin. ft.

The bids were:

Valley Paving & Constr. Co., Fresno. (1) $4.75; (2) $7.75; (3) $0.25; (4) $0.15.
Thompson Constr. Co., Fresno: (1) $4.79; (2) $7.75; (3) $0.19; (4) $0.14

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CONTRACT AWARDED

PINAL COUNTY, Ariz. — Skousen Bros., Albuquerque, N. M., at $105,409 awarded contract by State Highway Commission, Phoenix, for high-

way construction on the Mesa-Superior Highway, WPH 7. The work, which extends from Florence-Superior Highway junction northwesterly about 3.9 miles, consists of grading and draining over a new location, and is to be completed on or before Dec. 31, 1936. *

BIDS OPENED

TUOLUMNE COUNTY, Cal.—Hetch Hetchy Water Supply Division of the City and County of San Francisco, at $4,688.56 submitted low bid to the Public Utilities Commission, City Hall, under H. H. W. S. Contract No. 158, for grading and street work at the Moccasin South Cottage, Tuolumne County.

The work involves:
(1) 1,780 c.y. common excavation;
(2) 20 c.y. rock excavation;
(3) 350 l.f. excavating surface ditch;
(4) 4,400 q. yds. road-mix surfacing;
(5) 1,108 l.f. integral curb and gutter;
(6) 4,274 sq. ft. sidewalks;
(7) 38 l.f. 24-in. culverts;
(8) 40 l.f. 18-in. culverts;
(9) 110 l.f. 12-in. culverts.

Total bids follow:
(A) Hetch Hetchy Water Supply Division of the City and County of S. F., $4,688.56.
(B) Leo F. Piazza, San Jose, $7,286.60.

Unit bids follow:

	(A)	(B)
(1)	$0.65	$0.90
(2)	2.40	2.00
(3)	.20	.20
(4)	.26	.50
(5)	.97	1.30
(6)	.20	.30
(7)	2.50	4.00
(8)	2.00	3.70
(9)	1.50	3.20

BIDS WANTED

MARIPOSA COUNTY, Calif.—Until June 4, 2 p.m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for approximately 5.835 miles grading on Sections A3 and A4 of Route 3, the Big Oak Flat Road, Yosemite National Park, Mariposa County.

The work involves:
(1) 43 A. clearing.
(2) 134 A. cleanup clearing.
(3) 262,000 c.y. unclass. excavation.
(4) 10,500 c.y. do. for borrow.
(5) 2,570 c.y. do. for structures.
(6) 575,000 sta.yds. overhaul.
(7) 19,200 c.y. mi. haul.
(8) 5,030 l.f. C.M.P. (asphalt dipped) in place.
(9) 10 c.y. concrete.
(10) 410 lbs. reinforcing steel.
(11) 372 c.y. masonry.
(12) 2,004 c.y. hand laid rock embankment.
(13) 50 c.y. crushed rock or gravel for backfill.
(14) 7 each cast steel grates.

Plans and specifications obtainable from the above office upon deposit of $10. *

BIDS WANTED

TULARE COUNTY, Cal.—Until May 28, 10 A. M., bids will be received by the Division of Highways, R. M. Gillis, District Engineer, State Highway Bldg., Fresno, for applying road-mix surface treatment to existing shoulders on about 11.1 miles in Tulare County between Tulare and 7.6 miles south, between 0.6 mile south and 2.8 miles north of Goshen Subway, and between Goshen Subway and 0.7 mile west.

Plans and specifications obtainable from the above office.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until May 25, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Fank W. Hogan, Clerk, Court House, San Jose, for the improvement of Chynoweth Ave., between Snell Road and Monterey Road, in District No. 4.

The work involves 119,820 sq. ft. of oil macadam pavement.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until May 25, 11 A. M., bids will be received by Santa Clara County Board of Supervisors Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of Agnew Road bet. Coffin Road and Lawrence Station Road, in District No. 4.

The work involves 95,000 sq. ft. of oil macadam paving.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1.

BIDS OPENED

SAN FRANCISCO.—Love & Haun, 4354 20th St., at $0.1275 per sq. ft., total $1,721.25 submitted the only bid received by the Department of Public Works, City Hall, under Spec. No. 18,947, for construction of a concrete sidewalks on Fultin St. bet. Leavenworth and Hyde Streets and on Leavenworth Street between Fulton and McAllister Sts., along the frontage of the U. S. Government Office Bldg.

The work involves 13,500 sq. ft. of two-course concrete sidewalk.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until May 26, 2 P. M., bids will be received by the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying seal coat to existing roadbed on about 5 miles in Monterey County, between San Lucas and King City.

Plans and specifications obtainable from the above office. *

BIDS POSTPONED

YOLO AND COLUSA COUNTIES. Cal.—Date for receiving bids for 10.3 miles grading and surfacing in Yolo and Colusa Counties, between Dunnigan and Arbuckle, has been postponed to May 27 by the State Division of Highways. The bid opening date originally was May 13.

This date has been cancelled due to an error in advertising. There is no change in the specifications

BIDS WANTED

SAN LUIS OBISPO COUNTY, Cal. —Until May 26, 2 P. M., bids will be received by the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for treating shoulders with road-mix surface treatmeent on about 7.8 miles in San Luis Obispo County, between Torro Creek and Cambria.

Plans and specifications obtainable from the above office. *

CONTRACTS AWARDED

STATE OF WASHINGTON — Bids for highway construction were opened by L. V. Murrow, Director of Highways, Olympia, May 5, and action taken as follows:

Chelan County: Grading and paving with Portland cement concrete on about 0.7 miles of State Road No. 2, West Sunnyslope, Wilkinson Corner and Monitor Hill Revisions, involving about 54,740 cu. yds. of excavation, 5290 cu. yds. of ballast, 9047 sq. yds. cement concrete pavement, 19,390 lbs. reinforcing steel, 339 lin. ft. pipe culverts and other items.

Awaraded: James Coyle, 901 Westlake St., Seattle, $68,149.

Whitman County: Clearing, grading and draining about 3.4 miles of State Road No. 3, Colfax South, involving about two acres of clearing, 135,040 cu. yds. excavation, 41 cu. yds. concrete, 3149 lin. ft. cable guard rail design No. 6, 34 M.B.M treated timber and lumber, 1665 lin. ft. pipe culverts and other items.

Awarded Brent Sturgill Co., Inc., Marsing, Idaho, $52,499.

Whitman, Garfield, Adams and Pend Oreville Counties: Constructing bituminous treated surface on about 110.7 miles of State Roads Nos. 3, 6 and 11, Colfax to Parvin Road; Sec. 2, Colfax North; Sec. 3, Dusty East; Sec. 4, Dusty to Central Ferry; Sec. 5, Dodge to Central Ferry, all on State Road No. 3; Sec. 6, Ritzville to Franklin County Line on State Road No. 11; Sec. 7, Lost Creek to Metaline Falls; Sec. 8, Metaline Falls to B. C. Line, both on State Road No. 6;in Whitman, Garfield, Adams and Pend Oreille Counties, involving about 1894 tons of bituminous cement and other items.

Awarded: Norris Bros., Burlington, $83,184.

Klickitat County: Constructing a bituminous treated surface on about 26.2 miles of State Road No. 8, Lyle to Maryhill Junction, involving about 431 tons of bituminous cement and other items.

Awarded: Diesel Oil Sales Corp., 2155 Northlake St., Seattle, $18,479.

Clallam County: Clearing, grading and surfacing on about 3.8 miles of State Road No. 9, Lake Southerland to Elwah River, involving about three acres clearing, 3530 cu. yds. excavation, 24,400 cu. yds. selected roadway borrow and shoulder material, 6160 cu. yds crushed stone surfacing, 135 lin. ft. pipe culverts and other items.

Awarded: Allen & Govan, Olympia, $29,976.

Okanogan County: Manufacturing and stockpiling mineral aggregates and crushed stone surfacing on State Road No. 10, Brewster to B. C Line, involving about 4310 cu. yds mineral aggregates and 1500 cu. yds crushed stone surfacing.

Awarded: Joslin & McAllister, E. 3038 Trent St., Spokane, $12,433.

Pacific and Wahkiakum Counties: Constructing a bituninonus treated surface on about 31.0 miles of State Road No. 12, Sec. 1, South Bend to Palix River; Sec. 2, Greenhead Slough to Bear River; Sec. 3, Johnson's Landing to Grays River Town involving about 1020 tons bituminous cement and other items.

Awarded: J. F. Forbes, 110 E. Union St., Olympia, $44,691.

FIELD OFFICE ESTABLISHED

MARIN COUNTY, Calif. — Macco Construction Co., 815 Paramount Blvd., Clearwater, contractor for grading the Waldo approach to the Golden Gate Bridge, has established a field office at 1364 Water St. Sausalito. Telephone number is Sausalito 32.

Mr. B. F. Van Wells will be superintendent in charge of construction and C. H. Tucker, engineer for the company.

Construction is now under way.

H. S. Payson will be resident engineer for the Division of Highways with a field office at 133 Caledonia Ave., Sausalito. *

BIDS OPENED

SIERRA and Nevada Cos., Calif.—J. R. Reeves, R. D. 3, Box 100, Sacramento, at $95,265.10 submitted low bid to the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, for approximately 4.267 miles grading on Section B of Route 27, the Sierraville-Hobart National Forest Highway, Tahoe National Forest, Sierra and Nevada Counties.

The work involves:

(1) 30 acres clearing;
(2) 74 acres cleanup clearing;
(3) 114,500 c.y. unclass. excavation;
(4) 9,400 c.y. do for borrow;
(5) 2,070 c.y. do for structures;
(6) 163,000 sta. yds. overhaul;
(7) 1,800 c.y. mi. borrow haul;
(8) 44 l.f. 8-in. CMP;
(9) 674 l.f. 12-in. CMP;
(10) 714 l.f. 18-in. CMP;
(11) 986 l.f. 24-in. CMP;
(12) 144 l.f. 30-in. CMP;
(13) 84 l.f. 36-in. CMP;
(14) 64 l.f. 48-in. CMP (12 gauge);
(15) 70 l.f. 48-in. CMP (10 gauge);
(16) 110 l.f. 60-in. CMP;
(17) 181 c.y. crushed rock or gravel;
(18) 200 sq. yds. mortar backfill seal;
(19) 158 c.y. Class A concrete;
(20) 12,070 lbs. reinforcing steel;
(21) 1,365 l.f. protection ditch;
(22) 480 l.f. 8-in. 12-ga. welded steel pipe;
(23) 120 l.f. 8-in. 7-ga. do.
(24) 82 each, monuments.

Total bids follow:

(A) J. R. Reeves, Sacramento, $95,-265.10.
(B) Isbell Const. Co., Reno, $105.-332.15.
(C) Larsen Bros., Sacramento, $121,-096.65.
(D) M. J. B. Const. Co., Stockton, $123,479.80.
(E) Engineer's estimate, $93,690.55.

Unit bids follow

	(A)	(B)	(C)	(D)	(E)
(1) ..	250.00	300.00	300.00	190.00	250.00
(2)....	120.00	75.00	200.00	85.00	75.00
(3)....	.44	.55	.60	.70	.50
(4)....	.25	.40	.60	.47	.35
(5)....	2.25	1.50	1.00	2.00	1.50
(6)....	.02	.02	.02	.015	.01
(7)....	.20	.15	.20	.30	.15
(8)....	2.00	1.25	1.00	1.40	1.10
(9)....	2.15	1.50	1.50	1.75	1.40
(10)....	2.65	2.00	2.00	2.45	2.00
(11)....	3.65	2.75	3.00	3.50	2.90
(12)....	5.00	3.00	4.00	4.50	3.50
(13) ...	6.50	5.00	6.00	6.50	5.70
(14)....	8.00	7.50	10.00	9.50	6.80
(15)....	10.50	8.00	11.00	11.50	7.90
(16)....	13.50	9.00	12.00	15.50	12.00
(17)....	4.00	4.75	4.00	5.00	3 00
(18)....	.27	.50	2.00	.50	.30
(19)....	25.00	32.00	30.00	35.00	25.00
(20) ...	.05	.07	.07	.07	.07
(21)....	.20	20	.25	.30	25
(22)....	1.50	2.00	1.00	1.50	80
(23) ..	2.00	3.00	2.00	2.40	1.30
(24)....	3.50	4.00	3.00	3.00	3.00

CONTRACT AWARDED

KINGS COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $38,002.40 submitted low bid and awarded contract by the Kings County Board of Supervisors, for the widening and resurfacing of a portion of the County highway system on 11th Ave. and Hanford-Armona Ave.

The work involves:

(1) 21,120 l.f. of grading for shoulder work and headerboards;
(2) 3,016 tons asphalt concrete, base material in shoulders and leveling course;
(3) 4,984 tons asphalt concrete top.

Total bids follow:

(A) Union Paving Co., San Francisco, $38,002.40.
(B) Southern California Roads Co., Los Angeles, $38,577.60.
(C) Valley Paving and Const. Co., Fresno, $39,801.60.
(D) Hanrahan - Wilcox Corp., San Francisco, $49,263.12.
(E) Heafey-Moore Co., Oakland, $57-556.40.

Unit bids follow:

	(1)	(2)	(3)
(A)	$0.45	$3.50	$3.60
(B)	.34	3.80	4.00
(C)	.18	4.50	4.50
(D)	.50	4.57	5.00
(E)	.50	5.75	5.95

J. Ray Hayes, P. O. Box 640, Hanford, County Surveyor. •

AWARD RECOMENDED

SIERRA & NEVADA COUNTIES, Cal.—Award of a contract to J. R. Reeves, R. D. 3, Box 100, Sacramento, at $95,265.10, for approximately 4,267 miles grading on Section B of Route 27, the Sierraville - Hobart National Forest Highway, Tahoe National Forest, Sierra and Nevada Counties, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

30—RESERVOIRS & DAMS

BONDS VOTED

SANTA CLARA COUNTY, Calif.—Bond issue of $400,000 was authorized by voters in Santa Clara Valley Water Conservation District at a special election May 12, proceeds to be used in completing water storage structures and appurtenant works.

Additional construction to be financed includes the Coyote Canal and relocation of McKean Road to be contracted about July 1 and completion of Coyote Dam under contract to Macco Construction Company.

AWARD APPROVED

SACRAMENTO, Cal.—Federal Public Works Administration, A. D. Wilder, State Engineer, has approved the award of a contract at $150,944 to Campbell Construction Co., 800 R St., Sacramento, by the Sacramento City Council for construction of a water storage reservoir (Reservoir E, involving 17,000 c.y. of major excavation) rectangular in plan, with reinforced concrete walls, floor, and a timber roof supported by pre-cast reinforced concrete and covered with roofing felt.

31—PIPE LINES & WELLS

CONTRACT AWARDED

CALIFORNIA. — Lang Transportation Corp., 5501 Santa Fe Ave., Vernon ,has been awarded contract by the Valley Pipe Line Co., 417 S Hill St. Los Angeles, as previously reported, for the construction of a 70-mile pipe line between Kettleman Hills and Estero Bay. The estimated cost of the proposed line will be $1,500,000. The proposed line will be 10-in. in diameter and will have a daily capacity of 15,000 bbls. Work is to be completed by Aug. 1. The Valley Pipe Line Co. was organized Monday, May 4, as a closed corporation, capitalized at $2,000,000, by the Texas Co. and Seaboard Oil Corp. Officers of the new company are: C. P. Watson, president; L. R. Holmes, vice-president; W. A. Russell, treasurer; Paul Ballengee, assistant treasurer; A. W. Mitchem, secretary, and C. H. Montgomery, assistant secretary. •

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

LOS ANGELES, Cal.—Until May 21, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent, Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for sanitary protection work at Hollywood reservoir, under Spec. No. X-20.

The work involves:

(1) 12,380 l.f. gravity type concrete wall, 3.5 ft. average;
(2) 16,800 l.f. 5-ft. chain link fencing, five 12-ft. drive gates, and 13 4-ft. walk gates along top of concrete wall;
(3) 700 l.f. road and 784 s.f. concrete trim;
(4) 14,900 l.f. 20- 24- 26- and 28-ft. roadway to be paved with rock and oil surface;
(5) one concrete catchbasin to be constructed at end of Mulholland dam inc. installation of 336 l.f. of 42-in. I D concrete pipe and 328 l.f. of 24-in. do.

Specifications obtainable from above office upon deposit of $10. •

CONTRACT AWARDED

MARIN COUNTY, Cal.—J. J. Ongaro, 50 Winship Ave., San Anselmo, at $399.50 submitted only bid and awarded contract by Sanitary District No. 7 of Marin County, A. B. Shearer, Secretary, San Anselmo, for furnishing and installing approximately 350 ft. of 8-in. vitrified clay pipe sewer in Sir Francis Drake Blvd. in Fairfax and San Anselmo.

BIDS OPENED

MONTEREY PARK, Los Angeles Co., Cal.—Case Const. Co., Inc., 905 Westminster Ave., Alhambra, at $28-139.50 submitted low bid to Monterey Park city council for the construction of pumping plant and intake and discharge lines for sanitary sewer system, located within and outside the city limits of Monterey Park, in accordance with plans and specifications prepared by the engineers, Koebig & Koebig, 458 S. Spring St., Room 821, Los Angeles.

The work involves:

1) Pumping plant complete from junction chamber at northwest corner of pump house to end of flanged pipe on discharge line, and also including graveling of roads and walks;
(2) 200 ft. 6-in. vitrified clay pipe, standard strength, including bends for house connections;
(3) 1418 ft. 8-in. vitrified clay pipe, extra strength;
(4) 132 ft. 12-in. vitrified clay pipe, extra strength;
(5) 18 8x6-in. wye branches only;
(6) 4 manholes;
(7) 1245 ft. 8-in. Class B or Class 150 cast iron pipe, including fittings
(8) 60 ft. 4-in. Class B or Class 150 cast iron pipe, including fittings
(9) 90 ft. 2-in. galvanized iron pipe, including fittings;
(10) 1 12-in. automatic drainage gate.

The total bids were:

(A) Case Const. Co., Inc., Alhambra, $28,139.50.
(B) H. A. Teget, Ontario, $29,413.35.
(C) J C.. Hickey, Alhambra, $29,841.

The unit bids were:

	(A)	(B)	(C)
(1).....	$19,885.00	$21,000.00	$22,459.00
(2).....	2.00	2.10	1.50
(3).....	1.75	2.00	2.00
(4).....	6.25	6.05	5.00
(5).....	1.00	1.50	2.00
(6).....	140.00	175.00	200.00
(7).....	3.00	2.75	2.00
(8).....	2.00	1.80	2.00
(9).....	1.00	1.00	1.00
(10).....	25.00	10.00	50.00

33— WATER WORKS

BIDS OPENED

LOS ANGELES, Calif. — Following bids received by the Veterans' Administration, Arlington Bldg., Washington, D. C., under Project No. 906, for furnishing and installing complete, at the Veterans' Administration Facility, Los Angeles, two deep well pumps:

Johnston Pump Co., Los Angeles, $5,218.

Pomona Pump Co., Pomona, $5,358.-26; Alt., $5,335.

Peerless Pump Co., Los Angeles, $5-624.00.

Victor Equipment Co., Kimball - Krogh Pump Division, Los Angeles, $5,670.

Layne & Bowler Corp., Los Angeles, $5,798.75.

Byron Jackson Co., Los Angeles, $6,550.

Fairbanks, Morse & Co., Los Angeles, $7,286; Alt., $7,077.

Bids held under advisement.

BIDS OPENED

DEL NORTE COUNTY, Cal.—E. S. Mackins, 898 10th St., Eureka, at $2,155.50 submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for construction of a rubble masonry fountain in Del Norte County, about 2.4 miles west of Patrick's Creek, on the Redwood Highway.

The work involves:
(1) 190 cu. yds. structure excavation;
(2) 72 cu. yds. rubble masonry in place;
(3) 15 cu. yds. dry rubble in place;
(4) 28 cu. yds. spillway rock in place;
(5) One lot plumbing, complete in place.

Total bids follow:
(A) E. S. Mackins, Eureka, $2155.50.
(B) Helwig Constr. Co., Sebastopol, $2682.50.

Unit bids follow:

	(A)	(B)
(1)	$ 1.50	$ 2.75
(2)	19.50	20.00
(3)	7.50	15.00
(4)	5.50	15.00
(5)	200.00	75.00

34 — PARKS AND PLAYGROUNDS

BID OPENING POSTPONED

SAN FRANCISCO — Until May 20, 1:45 P. M. (date postponed from May 13) informal bids will be received by the Department of Public Works, Rm. 251, City Hall, for furnishing and installing a lawn sprinkling system for San Francisco War Memorial buildings at Van Ness Ave., Grove, Franklin and McAllister Streets.

Further particulars may be obtained from City Architect Chas. H. Sawyer, Room 265, City Hall.

May 13, 1936

BIDS WANTED

SAN BENITO CO., Cal.—Until June 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for landscape development at the junction of Routes 2 and 22, San Benito County.

The work involves:
(1) 42 each Key No. 1 plants;
(2) 94 each Key No. 2 plants;
(3) 14 each Key No. 3 plants;
(4) 6 each Key No. 4 plants;
(5) 12 each Key No. 5 plants;
(6) 27 each Key No. 6 plants;
(7) 13 each Key No. 7 plants;
(8) 9 each Key No. 8 plants;
(9) 10 each Key No. 9 plants;
(10) 444 each Key No. 10 plants;
(11) 444 each Key No. 11 plants;
(12) 21 each Key No. 12 plants;
(13) 10 each Key No. 13 plants;
(14) 19 each Key No. 14 plants;
(15) 12 each Key No. 15 plants;
(16) 35 each Key No. 16 plants;
(17) 72 each Key No. 17 plants;
(18) 52 each Key No. 18 plants;
(19) 14 each Key No. 19 plants;
(20) 14 each Key No. 20 plants;
(21) 1,100 each Key No. 21 plants;
(22) 2,200 c.y. rdwy. excav., unclass.;
(23) 266 c.y. struc. excav.;
(24) 1,000 c.y. selected top soil;
(25) 272 c.y. Class B Portland cement concrete (curbs and footings);
(26) 16,400 c.y. adobe construction;
(27) 21 c.y. cement mortar caps;
(28) 750 l.f. property fences moved & reset;
(29) 1,340 l.f. 1½-in. galv. iron pipe;
(30) 560 l.f. 1-in. galv. iron pipe;
(31) 440 l.f. ¾-in. galv. iron pipe;
(32) 1 pumping unit;
(33) 1 lot misc. items of work;
(34) 4 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the offices of the District Engineer in San Francisco, Los Angeles, and San Luis Obispo.

BID CALL CANCELLED

SAN FRANCISCO — State Division of Highways cancelled call for bids to have been received May 13 for furnishing and planting various varieties of tree and shrubs, grading and planting lawn and furnishing and installing a water system at the Fifth Street plaza of the San Francisco-Oakland Bay Bridge in San Francisco. The work will be readvertised shortly under revised specifications.

CONTRACT CANCELLED

SAN FRANCISCO, Calif.—Board of Public Works has cancelled contract of Fred W. Bullock, 445 Twelfth Avenue, San Francisco, for furnishing nursery stock, planting, fertilizing and removal of sod and shrubbery on the grounds of the San Francisco War Memorial. Cancellation was recommended by War Memorial Board of Trustees and City Architect C. H. Sawyer because of unsatisfactory performance.

The work was awarded February 14 on a bid of $3,175.

BIDS WANTED

ROSEVILLE, Placer Co., Cal.—Bids are being received by the Custodian, U. S. post office, Roseville, for furnishing and installing lawn sprinkling system at the post office, Roseville.

CONTRACT AWARDED

EL MONTE, Calif.—Mission Nursery, 735 South San Gabriel Blvd., San Gabriel, at $187 awarded contract by Treasury Department for seeding and planting grounds at the Post Office, El Monte.

35— TUNNELS

SUPERINTENDENT APPOINTED

MARIN COUNTY, Cal.—Fred Brunskoll will be superintendent of construction for T. E. Connolly Co., 461 Market St., San Francisco, on the contract to construct an 800-foot tunnel and approaches on the route of the Waldo approach road to the Golden Gate Bridge. Construction will start in about two weeks.

TO ASK BIDS

KENNETT DAM, Shasta Co., Cal. —U. S. Bureau of Reclamation, Roy M. Snell, division engineer, Redding, completing specifications for further exploratory work at Kennett dam site. Bids probably will be asked in about three weeks for tunneling and diamond drilling, estimated at approximately $50,000. Work is to supplement investigations underway by Reclamation Service forces at the dam site on Sacramento River about 12 miles northwest of Redding.

Bids will be received either at Redding or Sacramento offices of Central Valley Project. Specifications will be issued by Walker Young, Construction Engineer, Central Valley Project, Old Post Office Bldg., Sacramento.

BIDS WANTED

LOS ANGELES, Cal.—Until May 27 2 P. M., new bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for the construction of the Ivanhoe Reservoir outlet tunnel and appurtenant structures under Spec. No. X-25, PWA Docket 1929-R, Unit No. 50. The site of the work is located approximately 4 miles northerly of 2nd and Broadway, Los Angeles.

Bids will be taken as follows:

(1) excavate 1447 l.f. tunnel from Glendale Blvd. to screen well;
(2) line with concrete and complete 1447 l.f. tunnel (item 1);
(3) excavate shaft and construct a concrete gate tower, inc. 4 sluice gates and other appurtenances, involving 400 c.y. excavation and 159 c.y. concrete;
(4) excavate 113 l.f. tunnel from screen well to Ivanhoe reservoir
(5) line with concrete and complete 113 l.f. tunnel (item 4);
(6) excavate 156 l.f. tunnel from the screen well to Silver Lake reservoir;
(7) line with concrete and complete 156 l.f. tunnel (item 6);
(8) furnish and install 27 l.f. 40x⅜-in. steel pipe at east portal of tunnel in Ivanhoe reservoir;
(9) excavate tunnel approach, Ivanhoe reservoir 475 c.y. excav.;
(10) construct headwall at tunnel portal in Ivanhoe reservoir, 13 c.y.;
(11) excavate tunnel approach in Silver Lake reservoir, 75 c.y. excavation;
(12) construct headwall at tunnel portal in Silver Lake reservoir, 13 c.y.

Specifications may be obtained from above office upon deposit of $10.00.

29— STREETS AND HIGHWAYS

BIDS WANTED

GRANT COUNTY, Ore.—Until May 26, 10 A. M., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for improving 1.0685 miles of the John Day-Burns Reconstruction Grading Project NR-35-A4, National Forest Road Project, located within the Malheur National Forest, Grant County.

The principal items of work involved are:
(1) 17 acres clearing;
(2) 187,500 c.y. unclassified excavation
(3) 98,000 sta. yds. overhaul;
(4) 6,200 l.f. rounding cut slopes;
(5) Lump sum, extra and miscellaneous force account work;
(6) 739 l.f. culverts (alternate).

Plans and specifications obtainable from the above office upon deposit of $10.00. 29

BIDS OPENED

SHASTA CO., Cal.—C. F. Fredericksen & Sons, Lower Lake, at $3,852.40 submitted low bid to the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for applying bituminous treatment (light surface application) on 5.722 miles of Sections G and H of Route 77, Mt. Shasta-Mt. Lassen National Highway, Shasta and Lassen National Forests, Shasta County, involving:

(1) 152 tons liquid asphaltic road material, type SC-2;
(2) 60 tons do, type SC-4.

Complete bids follow:

C. F. Fredericksen & Sons, Lower Lake: (1) $17.45; (2) $20; total, $3,852.40.

Pacific Truck Service, Inc., San Jose (1) $17.80; (2) $20.20; total, $3,917.60.

Hayward Bldg. Materials Co., Hayward: (1) $20.40; (2) $23.10; total, $4,486.80.

Helwig Const. Co., Sebastopol: (1) $21.40; (2) $23.40; total, $4,656.80.

Claude C. Wood, Stockton: (1) $21.47; (2) $25.07; total, $4,767.64.

Engineer's estimate: (1) $21; (2) $25 total, $4,692.00. 29

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BASICH BROS. LOW BIDDER ON MONO CONTRACT

Highway Division Received Proposals On Three Projects

SACRAMENTO, May 20.—Basich Bros., 20550 Normandie Ave., Torrance, today submitted a low bid of $119,350 to the State Highway Commission for grading and surfacing about five and six-tenths miles in Mono county.

Only two other proposals were received for the work, which is located between two miles south of Rush Creek and two miles north of Leevining. They were: Isbell Construction Co., Reno, $145,434, and George Pollock, Sacramento, $162-210.

The commission also received bids on two smaller contracts: for grading and oiling about five and six-tenths miles in Plumas County; and for surfacing shoulders on about 24.6 miles in Tulare County.

Low bidder for the Plumas County job was Fredericksen & Westbrook, Lower Lake, at $29,750. J. V. Galbraith & Don A. Canaveri of Santa Rosa submitted the second low proposal at $31,068.

For the work in Tulare county a low bid of $24,401 was received from Palo Alto Road Materials Co., Palo Alto. Stewart & Nuss, Inc., Fresno, at $25,336 submitted the second low bid.

ELECTRIFICATION LOANS NOW EXCEED $12,000,000

The Rural Electrification has lent or earmarked a total of $12,-001,412 to construct nearly 11,000 miles of rural power lines serving over 40,000 customers who have never before had central station electric service, Administrator M. L. Cooke reports. The funds are distributed among 71 projects in 27 states.

New orders for steel boilers numbered 1,933 during the first quarter this year, as compared with 1,042 in the first three months of 1935, the census bureau reports.

Eastbay Bridge Approach Surfacing, S. F. Plaza Landscaping Contracts Advertised

SACRAMENTO, May 19.—Bids were called today by the State Division of Highways to be opened June 10 on contracts for completing two sections of the new East Shore highway in Alameda County. This is the northern approach route to the San Francisco Bay Bridge. A three-mile section between Camelia Street in Berkeley and San Pablo Avenue in Richmond which is now being cleared is to be graded and surfaced under one contract. A second contract is to be let for grading and surfacing the dredger fill completed recently along the Berkeley waterfront between Folger Avenue and Camelia Street.

The highway division readvertised the landscaping of the San Francisco approach plaza on Fifth Street, a previous bid call having been cancelled to permit a change in specifications. A new bid date was set also for the Jibboom St. overhead crossing in Sacramento, the previous date of May 27 having been cancelled yesterday. Three other Northern California highway construction contracts were released today, making a total of seven for which bids will be taken in Sacramento, June 10. The Niles relocation and grade separation contract previously was scheduled for bids June 10. Proposals on the readvertised landscaping contract in San Francisco will be opened June 3.

Following are the other three new contracts:

Sacramento County. Grading and paving with asphalt concrete and portland cement concrete about .6 of a mile in Sacramento, between C Street and the American River.

Placer County. Grading and surfacing with plant-mixed surfacing on crusher run base about 7.1 mi., between four and one-half miles northeast of Tahoe City and the Nevada state line.

Tuolumne County. Grading and surfacing with road-mix surfacing on untreated crushed gravel or stone base about 2.4 miles between three and one-half miles east of Sullivan Creek and Pooley's.

First quarter shipments of shallow well water systems amounted to $764,195, the census bureau reports, as compared with $581,794 during the first three months last year.

HOUSING COST VARIES LITTLE FROM FEBRUARY

Northwest Cities Report Slight Change In Price Trend During Quarter

Only slight variation in the cost of a typical six-room house has occurred in six western cities during the three-month interval between the February and May surveys of building costs by the Home Owners Loan Corporation.

The cities from which reports have been received and the comparative costs of an identical house are:

	May	Feb.
Boise, Idaho	$5,825	$5,791
Great Falls, Mont.	6,663	6,662
Portland, Ore.	5,349	5,318
Salt Lake City, Utah	5,793	5,778
Seattle, Wash.	5,485	5,473
Spokane, Wash.	5,711	.....

Revisions have been made in the figures originally reported in February due to errors in the preliminary estimates. This results in a change for the Boise cost-estimate of nearly one thousand dollars. The February review reported the cost of the standard house there as $6,777, whereas a re-check places it at $5,791, closely comparable to the costs in Spokane. The May figure is the only one available for Spokane.

Private Building Employment Gain 129% Since 1935; Total Highest In Six Years

More building trades laborers are employed in San Francisco today than at any time since the semi-annual census of employment was started by the San Francisco Industrial Association in 1930. Employment has increased 42.8 percent since May, 1935. These findings were announced yesterday by Albert E. Boynton, managing director.

The census just completed found a total of 7,413 building trades mechanics and laborers employed on all classes of building and construction, both public and private work. The total of privately-employed workers is 4,711. Last year on a corresponding date the total of all building laborers employed was 5,188, of whom 2,051 were on private work. Private building is employing 129 per cent more labor today than a year ago.

Field agents of the Industrial Association visit every building job and make a count of the workers employed to obtain the data for the semi-annual census.

In announcing the results of the May survey, Managing Director Boynton said.

"The greatest increase in employment during the year in any public construction classification was on the waterfront which showed an increase of 94.6 per cent in mechanics employed in repair and construction work under state supervision.

"The grand total of 7,413 building trades workers employed on all types of construction in the city today is the greatest since the Industrial Association began taking the semi-annual consus on May 10, 1930. At that time 3,376 mechanics and workers were employed, which means that employment in San Francisco's building and construction industry has increased 4,037 or 119 per cent in six years.

"The bottom of the pit of unemployment in the building trades in San Francisco, during the depression, was reached in May of 1932 when the Association's census showed only 2,289 workers employed. In less than four years, therefore, building and construction in San Francisco has absorbed 5,124 workers or an increase of 225 per cent.

ENGINEERS IN DEMAND, REPORT

The remarkable gain in building construction, extending thru heavy industries such as concrete, lumber, iron and steel, is creating a sharply increased demand for graduates of engineering and technical institutions, according to Miss Vera Christie, manager of the bureau of occupations at the University of California.

Reporting on job possibilities for university students, Miss Christie says the demand for college and university graduates has increased 100 per cent over last year and starting salaries are up from $5 to $20 over the June, 1935, figures.

BARRETT & HILP BID ARIZONA DAM

PHOENIX, Ariz., May 16—Low bid for construction of the Bartlett Dam on the Salt River Project was submitted today to the U. S. Bureau of Reclamation by Barrett and Hilp of San Francisco and Macco Corporation, Clearwater, bidding jointly at $2,228,272. Second low bid was that of Bent Bros., Inc., L. E. Dixon Co., and Johnson, Inc., Los Angeles, at $2,630,989.

The dam will be of concrete multiple-arch type. Principal construction items include 135,000 cubic yards common excavation in open cut; 185,000 cubic yards rock excavation; 260,000 cubic yards concrete in dam and appurtenant structures; 45,000 cubic feet pressure grouting.

50 WATERWORKS JOBS IN STATE AIDED BY PWA

California Leads In Allotments Federal Administrator Reports

California leads all other states in the value of waterworks and related projects constructed by cities and towns with financial assistance from the Federal Public Works Administration, a report by Administrator Harold L. Ickes reveals.

Fifty California jobs received PWA allotments aggregating $17,908,197, according to the administrator's report. Texas is the only other state which has been allotted funds within $6,000,000 of California's total.

Throughout the United States, PWA allotments to cities and towns for waterworks and related projects have reached a total of $169,631,820 in loans and grants. Total cost of the work made possible by PWA's waterworks program is estimated by the engineering division at approximately $247,000,000.

Twenty-five per cent of the non-Federal PWA program was devoted to this type of construction, according to Mr. Ickes.

U. S. BUILDINGS IN LOS ANGELES ON MARKET SOON

Writing Specifications For $6,250,000 Federal Structure

Plans and specifications are being prepared for eleven California projects to cost $10,264.000 in the current Treasury Department building program. according to the latest reports from Washington. Bids for one of the projects and part of another already have been asked.

Largest single project in the current program is the $6,250,000 post office and court house in Los Angeles, which is in the specification stage. Proposals for partial clearing of the site will be opened May 25 in Washington.

Bids for construction of the Watsonville post office, which Treasury Department architects estimate will cost about $135,000, will be opened June 12.

Three projects are in the specification stage and should be ready for bids shortly, and plans for seven others are partially completed.

Following is the current status of projects for which plans have been started:

Out for Bids	
Watsonville	$135,000
Specification Stage	
Auburn	$ 75,000
Los Angeles (P. O., Ct. H., etc.)	6,250,000
Santa Maria	84,000
Plans Partially Completed	
Martinez	$ 95,000
Los Angeles	2,600,000
Pasadena	215,000
San Diego	410,000
San Diego	255,000
South Gate	80,000
Vacaville	65,000
Total Allotments	$10,264,000

County Planning Agency Proposed For Sacramento

An ordinance creating a county planning commission is before the Sacramento Board of Supervisors and probably will be adopted in the near future. The act would create a commission of nine members, six appointed by the chairman of the supervisors, two by the board itself, the ninth member being the county engineer.

County Executive Chas. W. Deterding, Jr., declared that the plan is for the board members and himself to serve on the first commission so that the supervisors can make certain that their policies on zoning will be followed out.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
952	Herbst	Siegrist	5700
953	Cole	Gladstone	7400
954	Anderson	Owner	4000
955	South	Owner	1500
956	Meyer	Owner	6000
957	Michael	Michael	4000
958	Warm	Petersen	1000
959	Land	Owner	1800
960	Figone	Faggione	4000
961	Basso	Oliva	3500
962	Driscol	Owner	6000
963	Matzger	Owner	1800
964	Lerer	Owner	2000
965	Bank	Coburn	4000
966	Kraut	Helgessen	6950
967	Minutoli	Grassi	2500
968	Meakin	Moore	8500
969	Rhein	Land	6775
970	Girton	Rousseau	9000
971	Campbell	Owner	4000
972	Campbell	Owner	4000
973	Campbell	Owner	4000
974	Tiscornia	Owner	4000
975	Tiscornia	Owner	4000
976	Kamble	Owner	4000
977	Perkins	——	11000
978	Rosenstein	Johnson	12800
979	Cotugno	Del Favero	1500
980	Meyer	Milton	2900
981	Zucchi	Rakele	1050
982	Lazzareschi	Owner	1200
983	Markowitz	Owner	10000
984	Ceci	Owner	3500
985	Wilcox	Early	10000
986	Bianchi	Bourdieu	1200
987	Giannini	Owner	3000
988	Portalhurst	Zinkand	12000
989	Penoat	Well	4000
990	McColgan	Oswald	5000
991	Levin	Early	3000
992	Cutajar	Owner	3800
993	Aschmann	Owner	1000
994	City	Owner	2000
995	McCarthy	McCarthy	4000
996	Roman	McLaughlin	80000
997	Merchants	Meinberger	15000
998	Bay	Owner	3900
999	Carlson	Halgren	4500
1000	BeBenedetti	DeBenedetti	3500
1001	Lucas	Rentoul	3500

SALESROOM
(952) N PERRY 220 S Fifth Street. Class C salesrooms.
Owner — Herbst Bros., 1525 Mission St., San Francisco.
Engineer—W. H. Ellison, Pacific Bldg San Francisco.
Contractor——F. H. Siegrist, 604 Mission St., San Francisco. $5700

ALTERATIONS
(953) NO. 3289 WASHINGTON ST. Alter dwelling.
Owner—Louis M. Cole, 1250 Jones St., San Francisco.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—D. B. Gladstone, 557 Market St., San Francisco. $7400

DWELLING
(954) NE WAWONA CT. AND 16TH Ave. One-story and basement frame dwelling.
Owner—S. R. Anderson, 1433 7th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

ALTERATIONS
(955) NO. 699 SECOND ST. Alter warehouse and offices.
Owner—South End Warehouse Co., 625 Second St., San Francisco.
Consulting Engineer—W. W. Williamson, % Owner. $1500

DWELLING
(956) NE JUANITA AND EVELYN Sts. One-story and basement frame dwelling and stores.
Owner—Meyer Bros., 735 Portola Ave., San Francisco.
Architect—Not Given. $6000

DWELLING
(957) E WESTGATE 135 N Kenwood One-story and basement frame dwelling.
Owner—J. Michael, 762 De Haro St., San Francisco.
Architect—Not Given.
Contractor—Michael & Bomerer, 762 De Haro St., S. F. $4000

ALTERATIONS
(958) NO. 853 VALENCIA ST. Alter restaurant.
Owner—Warm Belt Tavern, Premises
Architect—Not Given.
Contractor — Antone Petersen, 2750 San Bruno Ave., S. F. $1000

ALTERATIONS
(959) NO. 3017 WASHINGTON ST. Alter flats.
Owner — Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given $1800

DWELLING
(960) SE PALOU ST. 105 SW Lane St. One-story and basement frame dwelling.
Owner — John Figone, 457 Vermont St., San Francisco.
Architect—Not Given.
Contractor—C. Faggione and G. Barsotti, 1567 Revere St. $4000

DWELILING
(961) NW DELANO ST. 34 N Ocean Ave. One-story an d basement frarm dwelling.
Owner—G. Basso, 368 Delano St., San Francisco.
Architect—Not Given.
Contractor—John Oliva, 542 Vienna St., San Francisco. $3500

FLATS
(962) NO. 256 VALLEY ST. Two-story and basement frame flats.
Owner—Michael Driscoll, 115 28th St., San Francisco.
Architect—Not Given. $6000

STORAGE BLDG.
(963) S CLARA ST. 170 E Fourth St. One-story frame storage building.
Owner—J. Matzger, 780 Harrison St., San Francisco.
Architect—Not Given. $1800

ALTERATIONS
(964) NO. 398 ELEVENTH ST. Alter warehouse.
Owner—Bella Lerer, Premises.
Architect—Not Given. $2000

ALTERATIONS
(965) NO. 1945 SUTTER ST. Alter apartments.
Owner—Bank of America N. T. & S. A., 625 Market St., S. F.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $4000

FLATS
(966) E FUNSTON AVE. 150 S Lake St. Two-story and basement frame flats.
Owner—Chas. Kraut, % Architect.
Architect—R. R. Irvine, 2048 Market St., San Francisco.
Contractor—Roy A. Helgessen, 2695 23rd Ave., S. F. $6950

ALTERATIONS
(967) NO. 1056 GREENWICH ST. Alter flats.
Owner—A. Minutoli, Premises.
Architect—Not Given.
Contractor—P. Grassi & Co., 445 Bay Shore Blvd. $2500

DWELLING
(968) NW BELGRAVE AND SHRader Sts. Two-story and basement frame dwelling.
Owner—Edgar Meakin, 1800 Folsam St., San Francisco.
Architect—Miller & Warnecke, 14th & Franklin St.s., Oakland.
Contractor — Moore & Roberts, 693 Mission St. $8500

DWELLING
(969) W SAN PABLO 530 S Portola Two-story and basement frame dwelling.
Owner—Sidney Rhein, 110 Sutter St., San Francisco.
Architect—Not Given.
Contractor—Land Development Co., 364 Bush St., S. F. $6775

FLATS
(970) E BRODERICK ST. 87 N Bay St. Two-story and basement frame flats.
Owner—Thos. Girton, % Contractor.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St., S. F. $9000

DWELLING
(971) NW IDORA 196 SW Woodside. One-story and basement frame dwelling.
Owner — J. V. Campbell, 849 Laguna Honda Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(972) NW IDORA 262 W Woodside. One-story and basement frame dwelling.
Owner — J. V. Campbell, 849 Laguna Honda Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(973) NW IDORA 229 SW Woodside. One-story and basement frame dwelling.
Owner — J. V. Campbell, 849 Laguna Honda Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(974) E TWENTY-SIXTH AVE. 75 S Vicente St. One-story and basement frame dwelling.
Owner—Dominic Tiscornia, 1651 Alemany Blvd., San Francisco.
Architect—Not Given. $4000

DWELLING
(975) E TWENTY-SIXTH AVE. 50 S Vicente St. One-story and basement frame dwelling.
Owner—Dominic Tiscornia, 1651 Alemany Blvd., San Francisco.
Architect—Not Given. $4000

DWELLING
(976) S MARIPOSA ST. 75 E Potrero Ave. One-story and basement frame dwelling.
Owner—John Kambic, 500 San Bruno Ave., San Francisco.
Architect—Not Given. $4000

FLATS
(977) E STANYAN ST. 406 N Turk St. Two-story & basement frame flats.

Owner — Felton Perkins, 215 Market St., San Francisco.
Architect—R. R. Irvine, 2048 Market St., San Francisco.
Contractor—Not Awarded. $11,000

DWELLING
(978) N FRANCISCO ST. 157 E Polk St. Two-story and basement frame dwelling.
Owner—Otto Rosenstein, 225 Arguello Blvd., San Francisco.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—J. Harold Johnson, 639 Brannan St., S. F. $12,800

ALTERATIONS
(979) NO. 1460 JEFFERSON ST. Alter flats.
Owner—P. Cotugno, Premises.
Architect—Not Given.
Contractor—J. Del Favero, 1459 Jefferson St., San Francisco. $1500

STATION
(980) SE TWENTY-EIGHTH AVE. and Geary St. Steel service station.
Owner—George Meyer, Premises.
Architect—Not Given.
Contractor — W. Bryan Milton, 589 Haddon Road, Oakland. $2900

ALTERATIONS
(981) NO. 124 CERVANTES ST. Alter flats.
Owner—Joseph Zucchi, Premises.
Architect—Not Given.
Contractor—S. Rakele, 757 Grove St., San Francisco. $1050

ALTERATIONS
(982) S HAYES ST. 100 W Divisadero St. Alter dwelling.
Owner—B. Lazzareschi, 543 Divisadero St., San Francisco.
Architect—Not Given. $1200

FLATS
(983) S LAKE ST. 57 W Twenty-sixth Ave. Two-story and basement frame flats.
Owner—A. Markowitz, 574 19th Ave., San Francisco.
Architect—R. R. Irvine, 2048 Market St., San Francisco. $10,000

DWELLING
(984) NE FRANCE AND NAPLES. One-story and basement frame dwelling.
Owner—Renaldo and Esther Ceci, 737 Naples St., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(985) NW WASHINGTON ST. AND Van Ness Ave. Alter garage and salesrooms.
Owner—S. D. Wilcox, % Contractor.
Engineer—Thos. F. Chance, 2801 Benvenue Ave., Berkeley.
Contractor — Fred J. Early Jr., 369 Pine St., S. F. $10,000

ALTERATIONS
(986) NO. 148 PARKER AVE. Alter dwelling.
Owner—Mrs. Bianchi, Premises.
Architect—Not Given.
Contractor—J. B. Bourdieu, 2625 20th St., San Francisco. $1200

ALTERATIONS
(987) NO. 2447 SIXTEENTH AVE. Alter dwelling.
Owner—J. F. Giannini, Premises.
Architect—Not Given. $3000

SUNDAY SCHOOL
(988) SW TARAVAL ST. & FUNSton Ave. Two-story frame Sunday school.
Owner—Portalhurst Community Church, % Contractor.
Architect—Milton Morrison, % Contractor.
Contractor—Ed Zinkand & Sons, 667 36th Ave., San Francisco. $12,000

DWELLING
(989) E SEVENTEENTH AVE. 315 N Quintara St. One-story and basement frame dwelling.
Owner—Edward E. Penoat, 519 California St., San Francisco.
Architect—Not Given.
Contractor—Well Built Homes Inc., 519 California St. $4000

DWELLING
(990) NE CUMBERLAND AND NOE Sts. One-story and basement frame dwelling.
Owner—J. F. McColgan, 328 Wisnom St., San Mateo.
Architect — Ed. Musson Sharpe, 111 Sutter St., San Francisco.
Contractor—J. B. Oswald, 1150 Industrial St., Burlingame. $5000

STATION
(991) SE MAIN AND MISSION STS. Steel serevice station.
Owner—S. Levin, % Contractor.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $3000

DWELLING
(992) N THOMAS ST. 175 W Keith St. One-story and basement frame dwelling.
Owner—F. S Cutajar, 1540 Kirkwood St., San Francisco.
Architect—Not Given. $3800

ALTERATIONS
(993) NO. 3004 SAN BRUNO AVE. Alter store.
Owner—Frank Aschmann, Premises.
Architect—Not Given. $1000

RETAINING WALL
(994) W ROSSI ST., bet. Turk and Anza Sts. Retaining wall.
Owner—City and County of San Francisco, Recreation Commission, City Hall.
Architect—Not Given. $2000

DWELLING
(995) W FORTY-FIFTH AVE. 150 N Fulton St. One-story and basement frame dwelling.
Owner—Dr. J. J. McCarthy, 393 20th Ave., San Francisco.
Architect—Not Given.
Contractor — Robert McCarthy, 1363 14th Ave., San Francisco. $4000

SCHOOL
(996) SE BROADWAY & FRANKlin St. Class B school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—H. A. Minton, % Contractor.
Contractor—Jas. L. McLaughlin Co., 251 Kearny St., S. F. $80,000

ALTERATIONS
(997) NO. 465 CALIFORNIA STREET Alter offices.
Owner—Merchants' Exchange, Prem.
Architect—Not Given.
Contractor — Herman S. Meinberger, 956 Folsom St., S. F. $15,000

DWELLING
(998) W THIRTIETH AVE. 25 N Rivera St. One-story and basement frame dwelling.
Owner—Bay Cities Building Co., 160 Russ Bldg., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3900

FLATS
(999) W SIXTEENTH AVENUE 56 N Taraval St. Two-story frame flats.
Owner—Eric Carlson, 1433 17th Ave., San Francisco.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor — A. Hallgren, 1504 29th Ave., San Francisco. $4500

DWELLING
(1000) S SAN JUAN 75 E Cayuga Ave. One-story and basement frame dwelling.
Owner — A. DeBenedetti, 100 Brazil Ave., San Francisco.
Architect—Not Given.
Contractor—A. De Benedetti & Son, 100 Brazil Ave. $3500

DWELLING
(1001) E CONNECTICUT ST. 325 S 20th St. One-story and basement frame dwelling.
Owner—Nick Lucas, 525 Connecticut St., San Francisco.
Architect—Not Given.
Contractor — Rollin L. Rentoul, 525 Connecticut St., S. F. $3500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
764	Mattress	Connor	1000
765	Burnham	Mullen	2500
766	Waltzgen	Owner	1000
767	Macquarrie	Gaubert	4900
768	Gardner	Petersen	4500
769	Nagle	Owner	6500
770	Lovett	Owner	1350
671	Wheeler	Hansen	5000
672	Hathaway	Pickrell	4000
673	Hathaway	Pickrell	4000
771	Taylor	Western	10000
772	Shell	Owner	5100
773	Fleming	Owner	4500
774	Kerny	White	6000
775	McCullough	Tieglund	12500
776	Keller	Hopper	1750
777	Hammarberg	Hammarberg	5500
778	Golden	Rasori	1750
779	Bregendorf	Broadhead	1180
780	Jacobson	Atkinson	3200
781	Porter	Coats	5400
782	Koenig	Rose	1500
783	Johnson	Peterson	4500
784	Hunt	Lincoln	6000
785	Goodwill	Owner	1000
786	Eriskson	ePeterson	2800
787	Steffensen	Steffensen	3750
788	Associated	Owner	1500
789	Associated	Owner	1500
790	Maiss	Ghisselli	2000
791	Kern	Allen	6000
792	Canno	Brown	1000
793	King	Jensen	4000
794	University	Kulchar	3000
795	Ross	Rogers	1490

ALTERATIONS
(764) 1637 FRANCISCO STREET, BERKELEY. Alterations.
Owner—J. G. Mattress, Premises.
Architect—Not Given.
Contractor — Connor & Connor, 1733 Francisco St., Berkeley. $1000

ALTERATIONS
(765) NO. 2237 SHTAAUCK AVE., BERKELEY. Alterations; new store front.
Owner—Margaret Burnham Candy.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St., S. F. $2500

ADDITION
(766) NO. 1184 SEVENTY - NINTH Ave., OAKLAND. Addition.
Owner — John Waltzgen, 1190 79th Ave., Oakland.
Architect—Not Given. $1000

STORES
(767) NO. 3330-3400 FRUITVALE Ave., OAKLAND. Two-story 7-room stores.
Owner—H. Macquarrie, 3108 35th Ave., Oakland.
Architect—Not Given.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland. $4900

DWELLING
(768) NO. 5727 WALNUT AVENUE, **OAKLAND.** One-story six-room dwelling.
Owner — E. Gardner, 3509 Oak Knoll Blvd., Oakland.
Architect—Guy L. Brown, American Bldg., Oakland.
Contractor — J. B. Petersen & Son, 4021 Agua Vista Ave., Oakland $4500

DWELLING
(769) NO. 517 FLORENCE AVENUE **OAKLAND.** Two - story eight - room dwelling.
Owner—C. Nagle, 864 Barbara Road, Oakland.
Architect—Not Given. $6500

ADDITION
(770) NO. 3322 E - FOURTEENTH St., **OAKLAND.** Addition.
Owner—M. V. Lovett, 2706 E-17th St., Oakland.
Architect—Not Given. $1350

DWELLING
(671) NO. 3225 THOMPSON AVE., **ALAMEDA.** Two-story six-room dwelling.
Owner—A. G. Wheeler, 3235 Thompson Ave., Alameda.
Architect—Not Given.
Contractor—Chris Hansen, 1500 Santa Clara Ave.,Alameda. $5000

DWELLING
(672) NO. 2064 SANTA CLARA AVE. **ALAMEDA.** One-story six-room dwelling.
Owner—W. J. Hathaway, 6th Ave. & E-12th St., Oakland.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda. $4000

DWELLING
(673) NO. 2066 SANTA CLARA AVE. **ALAMEDA.** One-story six-room dwelling.
Owner—W. J. Hathaway, 6th Ave. & E-12th St., Oakland.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda. $4000

ADDITION
(771) NO. 2201 E-SEVENTH ST., **OAKLAND.** Two-story brick addition.
Owner—Taylor Milling Corp., Prem.
Architect—Edwin Draper, 2223 E-39th St., Los Angeles.
Contractor—Western Indus. Engineer Co., 2223 E-39th St., Los Angeles. $10,000

STATION
(772) NO. 2001 FRUITVALE AVE., **OAKLAND.** One-story steel service station.
Owner—Shell Oil Co., 315 Derby Ave., Oakland.
Architect—Not Given. $5100

DWELLING
(773) NO. 4008 MAPLE STREET, **OAKLAND.** One-story six-room dwelling.
Owner—John Fleming, 2712 14th Ave., Oakland.
Architect—Not Given. $4500

DWELLING
(774) NO.690 SANTA ROSA STREET **BERKELEY.** Two and one-half-story 7-room frame dwelling.
Owner—L. A. Kerny, 306 15th Street, Oakland.
Architect—Not Given.
Contractor — Millar White, 1880 San Antonio St., Berkeley. $6000

RESIDENCE
(775) NO. 25 SELBOURNE AVE., **PIEDMONT.** Two-story 9-room residence and garage.
Owner—G. McCullough, Trestle Glen Road, Piedmont.
Architect—Not Given.
Contractor—C. M. Teiglund, 4668 Dolores St., Oakland. $12,500

ALTERATIONS
(776) NO. 109 PALM AVE., **PIEDMONT.** Alterations.
Owner—M. G. Keller, Premises.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Contractor—A. J. Hopper, 1769 Pleasant Valley. $1750

DWELLING
(777) NO. 1908 MELVIN ROAD, **OAKLAND.** One-story six-room dwelling.
Owner — Paul H. Hammarberg, 2530 Hilgard Ave., Berkeley.
Architect—Not Given.
Contractor — A. Hammarberg, 2530 Hilgard Ave., Berkeley. $5500

ADDITION
(778) NO. 533 KIRKHAM STREET, **OAKLAND.** Concrete addition.
Owner — Golden West Brewing Co., 533 Kirkham St., Oakland.
Architect—W. Adrian, 417 Market St San Francisco.
Contractor — J. Rasori, Call Bldg., San Francisco. $1750

ADDITIONS
(779) NO. 766 VICENTE ST., **BERKELEY.** Additions.
Owner—C. Bergendorf, Premises.
Architect—Not Given.
Contractor, — Frank Broadhead, 1232 Glen Ave., Berkeley. $1180

DWELLING
(780) 4134 NORTON ST., **OAKLAND.** One-story 5-room dwelling.
Owner—Ray Jacobsen, 539 63rd St., Oakland.
Architect—Not Given.
Contractor—C. E. Atkinson, 5037 Dover St., Oakland. $3200

DWELLING
(781) 350 VASSAR, **BERKELEY;** 2-story 6-room frame dwelling and garage.
Owner—Robert Porter.
Architect—Not Given.
Contractor—P. L. Coats, 2837 Foothill Blvd., Oakland $5400

REPAIRS
(782) NO. 1766-1776 BROADWAY, **OAKLAND.** Fire repairs.
Owner—Max Koenig, 11th and Broadway, Oakland.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1500

DWELLING
(783) NO. 4421 BENNETT PLACE, **OAKLAND.** One-story six-room dwelling.
Owner—Joel Johnson, 3937 High St., Oakland.
Architect—Not Given.
Contractor—Olaf Petersen, 3626 Rhoda Ave., Oakland. $4500

DWELLING
(784) NO. 715 ROSAL AVE., **OAKLAND.** Two-story six-room dwlg.
Owner—E. M. Hunt, % Contractor.
Architect—Not Given.
Contractor—Lincoln Constr. Co., 750 Warfield Ave., Oakland.

REPAIRS
(785) NO. 526 WASHINGTON ST., **OAKLAND.** Fire repairs.
Owner—Goodwill Industries. Prem.
Architect—Not Given. $1000

DWELLING
(786) NO. 965 VIRGINIA STREET. **BERKELEY.** One-story five-room frame dwelling and garage.
Owner—T. Erickson, 1723 5th Street, Berkeley.
Architect—Not Given.
Contractor — G. Peterson, 825 Evelyn Ave., Berkeley. $2800

DWELLING
(787) NO. 916 REGENT STREET, **ALAMEDA.** One-story five-room dwelling.
Owner—Frank Steffensen, 1300 Webster St., Oakland.
Architect—Willis C. Lowe, 354 Hobart St., Oakland.
Contractor—A. Steffensen, 1300 Webster St., Oakland. $3750

STATION
(788) NO. 1304 CENTRAL AVENUE **ALAMEDA.** Steel and glass service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisc
Architect—Vincent G. Raney. $1500

STATION
(789) NO. 1302 CENTRAL AVENUE, **ALAMEDA.** Steel service station
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Vincent G. Raney. $1500

ADDITIONS
(790) NO. 1903 PARK ST., **ALAMEDA.** Additions and alterations
Owner—Mrs. P. Maiss, Premises.
Architect—Not Given.
Contractor—M. Ghisselli, 1312 Fountain St., Alameda. $2000

DWELLING
(791) 2332 LIEMERT BLVD., **OAKLAND.** Two-story 6-room dwelling.
Owner—H. L. Kern.
Architect—F. H. Slocombe
Contractor—Allen & Allen, 3471 Laurel Ave., Oakland. $6,000

ALTERATIONS
(792) 1220 BROADWAY, **OAKLAND** Alterations.
Owner—Canno Shoe Co., premises
Architect—Not Given.
Contractor—Henry Brown, 1387 East 32nd St., Oakland. $1,000

DWELLING
(793) 2134 MELVIN ROAD, **OAKLAND.** One-story 5-room dwelling.
Owner—Myrta King, 3801 Everett St., Oakland.
Architect—Not Given.
Contractor—H. K. Jensen, 3323 Arkansas St., Oakland. $4,000

ALTERATIONS
(794) 1321-1331 WASHINGTON ST., **OAKLAND.** Alterations
Owner—University Investment Co.
Architect—Not Given.
Contractor—S. Kulchar Co., 731 East Tenth St., Oakland. $3,000

ALTERATIONS
(795) 2217 VINE ST., **BERKELEY** Alterations.
Owner—F. J. Ross, premises
Architect—Not Given.
Contractor—C. V. Rogers, 865 60th St. Oakland. $1490

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
44	Hobart	Meinberger	8285
45	Gianfranceschi	Lido	5000
46	Rosenstein	Johnson	13809

ALTERATIONS
(44) NO. 23 GRANT AVE. All work for removing glass front and show windows, installing new street entrance and other alterations to building.

Owner—Hobart Estate Co., % Contractor.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor—Herman S. Meinberger, 956 Folsom St., San Francisco.
On 3rd day of each month..... 75%
Upon completion sum sufficient to bring total payments to.... 75%
Usual 35 days..... Balance
TOTAL COST, $8285
Bond, $4143. Sureties, Chas. Monson and F. W. Schultz. Limit, July 1, 1936. Forfeit, none. Plans and specifications filed.

STORE
(45) NW DONAHUE ST. 50 NE Hudson St. All work for one-story frame store.
Owner—Albert and Antoinette Gianfranceschi, 1878 Greenwich St., San Francisco.
Architect—Donnell E. Jaekle, 126 Post St., San Francisco.
Contractor—Lido Elec. & Constr. Co., 559 Columbus Ave., San Francisco
Filed May 13, '36. Dated May 12, '36.
Contract signed .....$ 300
Foundation in, floor joists set and rough lumber in ground.... 700
Roof on and plumbing and electrical work roughed in..... 700
Plastered inside and out..... 700
Completed and accepted..... 700
Note to be executed, owner to contractor, when acceptance is filed 1200
TOTAL COST, $5000
Bond, $2500. Sureties, John Cresci & Naso Cefalio. Limit, 90 working days. Forfeit, $5 per day. Plans and specifications filed.

DWELLING
(46) N FRANCISCO ST. — E Polk St. (no distance from Polk St. given). All work for two-story and basement dwelling.
Owner—Otto Rosenstein.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—J. Harold Johnson, Hearst Bldg., San Francisco.
Filed May 15, '36. Dated May 14, '36.
Frame up $3452.25
Brown coated 3452.25
Completed and accepted..... 3452.25
Usual 35 days..... 3452.25
TOTAL COST, $13,809.00
Bond, $6904.50. Surety, Western Hardwood Floor Co. and Brannan Street Mill. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER apartments, $190; 3191 Pacific Ave.; owner, Mrs. E. B. Putnam, 31 Sidney Place, Brooklyn, N. Y. contractor, R. V. Haneberg, 1945 Prince St., Berkeley.
ALTER restaurant, $190; 290 Sanchez St.; owner, Theo. H. Fredericksen 3029 Fillmore St.
SIGN, metal, $25; 130 Sixth Street, owner, Safeway Stores, Inc., 1000 Brannan St.
ALTER dwelling, $75; 81 Pleasant St. owner, Emma Ahaido, Premises.
FLUES, $100; 1160 Potrero Ave.; owner, G. B. Asborno, Prem.; contractor, A. Strappiano, 478 Union St.
FLUES, $50; E 31stt Ave. 75 N Rivera St.; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Precita Sheet Metal Works, 3119 Harrison St.
ALTER stores, $500; 252 Powell St.; owner, Union Plaza Corp., 830 Market St.
ALTER restaurant, $96; 2407 Mission St.; owner, W. F. Cordes, 126 Post
ALTER dwelling, $150; 521 Banks St.; owner, J. D. Etherington, 1160 Pine St.; owner, Dan C. Richardson, 4400 19th St.
ALTER apartments, $100; 10-12 Presidio Ave.; owner, Mrs. E. B. Putnam, 31 Sidney Place, Brooklyn, N. Y.; contractor, R. V. Haneberg, 1945 Prince St., Berkeley.
ALTER offices, $350; 216 Pine Street; owner, Lara A. Pratt, Premises; engineer, James H. Hjul; contractor, James H. Hjul, 128 Russ St.
ALTER dwelling, $300; 860 Waller St.; owner, E. R. Watters, Prem. contractor, S. Shomonov, 1859 Page Street.
ALTER store, $397; 920 Market St.; owner, United Cigar Co., 701 Bryant St.; contractor, C. Redersen & Son, 23 9th St., Richmond, Cal.
ALTER restaurant, $400; 484 Geary St.; owner, Anugela Simotos, 484 Geary St.; contractor, Hugh Hall, 2288 3rd St.
FLUES, $50; E 31st St. 50 N Rivera St.; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Precita Sheet Metal Works, 3119 Harrison St.
ALTER dwelling, $550; 1239 25th St.; owner, G. Paerschke, Premises.
ALTER dwelling, $850; 125 Terrace Drive; owner, R. Robinson, Prem contractor, John Kramer, 1906 Steiner St.
ALTER offices, $250; 444 California St.; owner, Royal Insurance Co., Ltd., 201 Sansome St.
ALTER flats, $90; 625 Haight Street; owner, Mrs. I. Gallana, 3145 Turk
FLUES, $50; E 31st Ave. 100 N Rivera St.; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Precita Sheet Metal Works, 3119 Harrison St.
SIGN, metal, $6; 2522 14th Avenue; owner, Rebecca Nalpantian, Prem.
ALTER concrete plant, $300; 16th & Harrison Sts.; owner, Golden Gate Materials Co., Prem.; contractor, C. C. W. and H. H. Haun, 666 Mission St.
SIGN, metal, $15; 130 6th St.; owner, Safeway Stores, Inc., 100 Brannan
SIGN, electric, $50; NW Post and Steiner Sts.; owner, Dreamland Auditorium, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th Street.
FLUES, $50; E 31tst Ave. 25 N Rivera St.; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Precita Sheet Metal Works, 3119 Harrsion Street.
ALTER market, $250; 404 Dewey Blvd. owner, Mrs. Koenig, I Pacheco St.; contractor, J. S. Malloch, 666 Mission St.
SIGN, electric, $100; 4499 Mission St.; owner, Excelsior Wine & Liquor Co., Premises; contractor, Elec. Prods. Corp., 910 Harrison St.
ALTER flats, $500; 2941-43 Folsom St.; owner, J. T. Depaoli, 3289 Mission Street.
SIGN, electric, $200; 438 Stanyan St.; owner, Lee and Henry Mfg. Co., Premises; contractor, Elec. Prods. Corp., 910 Harrison St.
ALTER dwelling, $478; 168 San Carlos St.; owner, D. Fondantino, Prem.; contractor, G. Bianco, 301 Detroit Street.
FLUES, $50; W 32nd Ave. 300 S Anza St.; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Precita Sheet Metal Works, 3119 Harrison Street.
SIGN, electric, $150; 263 O'Farrell St.; owner, Moore - Flood - McKenzie, Prem.; contractor, Elec. Prods. Corp., 910 Harrison St.
ALTER stores and lofts, $130; 755 Market St.; owner, Coldwell, Cornwall & Banker, 57 Sutter St.; contractor, Phoenix Simpton Co., 520 6th St.
ALTER church, $75; 3327 17th Street; owner, Louis Caraballo, Premises

ALAMEDA COUNTY UNDER $1000

ROOF repairs, $15; 5932 Telegraph Ave., Oakland; owner, Adams & Son; contractor, Fruitvale Roofing Co., 927 53rd St.

WRECK 2-story dwelling, $100; 2679 Cooldige Ave., Oakland; owner, C. F. Roberts, 937 Market St.

ROOF repairs, $50; 2975 Montana St., Oakland; owner, A. D. Smith; contractor, The Holland Co., 1226 E-14th St.
WRECK building, $60; 1421 E-14th St. Oakland; owner, Jos. D. Balbinger & Co., 1076 34th St.
ALTERATIONS, $50; 5313 Manila Ave. Oakland; owner, W. P. Taylor, Premises
ALTER for garage, $125; 1129-A 65th St., Oakland; owner, D. Rovera, 1150 Ocean Ave.
RE-ROOF, $140; 1431-33 21st Ave., Oakland; owner, T. A. Wiegle, Overlook Road, Los Gatos; contractor, Acme Roof. Co., 1093 71st Avenue.
REPAIRS, $20; 945 Sunnyhills Road, Oakland; owner, Jos. T. Hogan, 945 Sunnyhills Rd.; contractor, E. H. Chinnock, 3849 Brighton Ave.
FIRE repairs, $350; 3016 Adeline St., Oakland; owner, Dewey Villa, 3016 Adeline St.; contractor, A. H. Rose, 478 25th St.
WRECK building, $5; 1581 34th St., Oakland; owner, Wyllie Wrecking Co., 1134 73rd Ave.
PATENT chimney, $28; 3941 Angelo St., Oakland; owner, Mrs. B. Muncher, 1710 34th Ave.; contractor, H. Highton, 3909 Quigley St.
BILLBOARD, $500; 3019 Broadway, Oakland; owner, Forman Motor Co., 3019 Broadway; contractor, Mulvany Sign Co., 575 18th St.
SIGN, cloth, $10; 1010 Washington St. Oakland; owner, Cherin Bros., Premises.
SIGN, metal, $35; 3823 Hopkins St., Oakland; owner, Milton Salonites contractor, V. L. Brady, 3024 Bona Street.
ALTERATIONS, $135; 993 Spruce St., Berkeley; owner, H. M. Luemondt Premises; contractor, Crown Roof. Co., 1911 E-12th St., Oakland.
ALTERATIONS, $500; 2979 Otis St., Berkeley; owner, Martin, Prem.; contractor, Alpine Wood & Supply Co., 2846 Shattuck Ave.
ADDITIONS $500; 2440 Shattuck Ave. Berkeley; owner Associated Oil Co., 79 New Montgomery St., San Francisco.
ALTERATIONS, $500; 863 The Alameda, Berkeley; owner, C. C. Fisher, 1643 Euclid Ave.
ALTERATIONS, $600; 1639 Channing Way, Berkeley; owner, M. T. Johnson, Premises.
WRECK two-story building, $50; 161-161½ Santa Clara Ave., Oakland; owner, Calif. State Highway; contractor, Symon Bros. Wreckers, 22nd Ave. and E-14th St.
WRECK two-stoy building, $50; 160 Moss Ave., Oakland; owner, California State Highway; contractor, Symon Bros. Wreckers, 22nd Ave. and E-14th St.
FIRE repairs, $200; 630 29th Avenue, Oakland; owner, Independent Ice Co., Premises; contractor, J. M. Silva, 2869 Ford St.
ALTERATIONS, $150; 3526 Kempton Ave., Oakland; owner, Mr. Duncan, Prem.; contractor, T. J. Garvey, 5686 Ocean View Drive.
GARAGE, one-story, $105; No. 3248 Hannah St., Oakland; owner, Frank Andrade, Premises.
REPAIRS (termite), $300; 2096 Clarendon Crescent, Oakland; owner, Dr. O. H. Garrison; contractor, Larry Burror, 3514 Broadway.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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4.—Factories and Warehouses
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6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Additional Sub-Contracts Awarded
APARTMENTS Cost, $50,000
SAN FRANCISCO. NW Bay St. and Webster.
Three-story and basement frame and stucco apartments (15 2- and 3-room apts.) flat roof, steam heating system, hardwood floors, tile baths, shower, etc.; New American plant.)
Owner—Grace Perego, Inc., 176 Sutter Street.
Architect—H. C. Baumann, 251 Kearny Street.
Structural Engineer—James M. Smith, 251 Kearny Street.
Plastering — Marconi Plastering Co., 1737 Beach Street.
Painting—Leon Grant, 555 Broderick.
As previously reported, plumbing & heating awarded to M. Desiano, 3117 Fillmore St.; electric to Martinez El. Co., 2173 North Point St.; steel sash to Michel & Pfeffer Iron Works, Harrison and 10th Sts.; concrete to A. Dini, 187 Irvington St., Daly City; structural steel to Bethlehem Steel Co., 20th and Illinois Sts.; lumber to San Francisco Lumber Co., Beach and Powell Streets.

Contract Awarded.
ALTERATIONS Cost, $5000
SAN FRANCISCO. No. 1945 Sutter Street.
Alterations to apartments.
Owner—Bank of America, 625 Market St., San Francisco.
Plans by Owner.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco.

Plans Being Figured.
ALTERATIONS, ETC. Cost, $——
SAN FRANCISCO. No. 1086 Post St.
Alterations and additions to apartment building (paint interior and exterior, plumbing, heating, refrigeration, etc.)
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Constr. Dept. of Owner.
Painting bids are to be opened May 23. Other bids will be opened at a later date.

3— CHURCHES

Contract Awarded.
CHURCH Cost, $15,000
SAN FRANCISCO. SW Taraval St. and Funston Ave.
Two-story frame and stucco church and Sunday school.
Owner—Portalhurst Community Church.
Architect—Milton Morrison, 2701 Van Ness Ave., San Francisco.
Contractor—Ed. Zinkand & Sons, 667 36th Ave., San Francisco.

4— FACTORIES & WAREHOUSES

Sub-Bids & Equipment Bids Wanted.
WINERY Cost, $150,000
WOODBRIDGE, San Joaquin Co., Cal.
New winery (wine and storage building, fermenting cellar, distillery, and office building (frame, galvanized iron and reinforced concrete construction) new equipment, etc.
Owner—Del Rio Winery.
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.
Contractor—W. E. Lyons, 2009 Pacific Ave., Alameda.
Cost of buildings only is estimated at $70,000.
Contract awarded on cost plus basis.

Sub-Bids & Equipment Bids Wanted.
WINERY Cost, $150,000
ACAMPO, San Joaquin Co., Calif., Georgia Station.
New co-operative winery (fermenting and distillery building, concrete fermenting tanks, wine storage cellar, frame and stucco office building with composition shingle roof, gas heating system), other buildings will have concrete foundation and floors, galvanized iron siding on wood studs, composition roofing, etc.
Owner—Cherokee Vineyard Association.
Architect—Peter Sala, 2130 N. Commerce St., and E. G. Ernst, 9 W. Cleveland St., Stockton.
Contractor—W. E. Lyons, 2009 Pacific Ave., Alameda.
Contract awarded cost plus basis.

Plans Being Figured—Bids Close May 25th, 12 Noon
STORAGE BLDG. Cost, $30,000
SACRAMENTO, Sacramento Co., Cal.
One-story steel and concrete storage building (80x242-feet) steel sash, corrugated iron roof, metal fire doors, etc.
Owner—Bekin Van & Storage Co.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Structural Engineer—R. J. Fisher.

FIRE LOSS
SANTA CLARA, Cal.—Fire destroyed the C. H. Baker Evaporating Co.'s plant located at Reeve and Lafayette Sts., May 14. Damage estimated at $40,000.

Sub-Contracts Awarded.
WAREHOUSE, ETC. Cost, $30,000
SAN FRANCISCO. N Townsend St W Fifth Street.
One-story Class C concrete warehouse and office building (wood trusses, wood roof, steel sash, etc.)
Owner—A. E. Sbarboro
Architect—John Ahnden, 822 39th Ave San Francisco
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Concrete — Readymix Concrete Co. Ltd., Carolina and Mariposa Sts.
Reinforcing Steel—Concrete Engineering Co., 1280 Indiana St.
Roofing—Alta Roofing Co., 976 Indiana Street.
Steel Windows—Michel & Pfeffer Iron Works, Harrison and Tenth Sts.
Plumbing—James H. Pinkerton, 927 Howard Street.
As previously reported, pile driving contract awarded to George Rener

Contract Awarded
ADDITION Cost, $6,050
NEAR RIPON, San Joaquin Co., Cal.
Addition to winery (add Sherry room) concrete foundations and floor composition roofing with Celotex insulation, brick walls, wood trusses, etc.
Owner—Franzia Winery
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.
Contractor — Carl Nelson, 1421 E. Channel St., Stockton.

To Be Done By Day's Work.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 398 Eleventh Street.
Alterations to warehouse.
Owner—Bella Lerer, Premises.
Architect—Not Given.

To Be Done By Day's Work.
STORAGE BLDG. Cost, $2500
SAN FRANCISCO. S Clara St. E Fourth Street.
One-story frame storage building.
Owner—J. Matzger, 780 Harrison St., San Francisco.
Architect—Not Given.

Contract Awarded
ADDITION Cost, $12,000
OAKLAND, Ala. Co., Calif., 2201 E. 7th St.
Two-tory brick addition to plant.
Owner—Taylor Milling Corporation, 2201 E. 7th St., Oakland.
Architect—Plans by Edwin Draper, 2223 E. 39th St., Lo Angeles.
Contractor—Western Industrial Engineering Co., 2223 E. 39th St., Los Angeles.

Contract Awarded
ADDITION Cost, $2,000
OAKLAND, Calif., 533 Kirkham St.
Addition to brewery (concrete construction).
Owner—Golden West Brewing Company, 533 Kirkham St., Oakland.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—S. Rasori, Call Bldg., San Francisco.

To Be Done By Day's Work
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 699 Second Street.
Alterations to warehouse and offices.
Owner—South End Warehouse Co. 625 Second Street.
Engineer — W. W. Williamson, 3 2 0 Market Street.

TAKING SEGREGATED BIDS
CULVER CITY, Los Angeles Co., Cal.—Architect Arlos R. Sedgley, 910 N. Serrano Ave., Los Angeles, is taking segregated bids on all items of work for distillery buildings to be built at 8512 Hays St., Culver City, for Pacific Distillers.

PLANS BEING FIGURED—BIDS CLOSE MAY 25
SAN DIEGO, Cal.—Architects Edward C. Taylor and Ellis W. Taylor, 803 W Third St., Los Angeles, are taking bids for completion of additions to the manufacturing plant at 3302 Atlantic St., San Diego, for the Consolidated Aircraft Corp. The work will include concrete work, plank and finish flooring, form work, interior and exterior metal lath, hand plaster, steel sash, sheet metal and corrugated iron, corrugated iron and composition and wood roofing. The new units will consist of an L-shaped addition to the northeast end of the plant, 45x100 ft. in area; with a wing 100x200 ft. in area and a mezzanine floor 100x100 ft. in area; an addition 50x200 feet in

area to the west side of the plant and three small detached buildings, one 50x200 ft. in area and the other two each 50x40 feet in area. A contract was recently awarded to the Consolidated Steel Corp., 6500 E Slauson Ave., Los Angeles, for furnishing and erecting the steel frame for the work.

Contract Awarded.
SHED EXTENSION
Cont. Price, $49,240
OAKLAND, Alameda Co., Cal. Outer Harbor.
Superstructure for extension to Transit Shed No. 2 (270 ft. northerly extension) steel and concrete construction).
Owner — City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Contractor — E. T. Lesure, 87 Ross Circle, Oakland.

5— FLATS

Contract Awarded.
FLATS Cost, $——
SAN FRANCISCO. E Broderick St. 87.6 N Bay St.
Two-story frame and stucco flat building (2 5-room flats).
Owner—Thomas Girton.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.

To Be Done By Day's Work.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 3017 Washington Street.
Alterations to flats.
Owner & Builder—Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $3500
SAN FRANCISCO. No. 1056 Greenwich Street.
Alterations to flats.
Owner—A. Minutoli.
Architect—Not Given.
Contractor—P. Grassi Co., 445 Bay Shore Blvd., San Francisco.

To Be Done By Day's Work.
FLATS Cost, $7500
SAN FRANCISCO. No. 256 Valley Street.
Two-story and basement frame and stucco flats.
Owner and Builder—Michael Driscoll. 115 28th St., San Francisco.
Architect—Not Given.

Contract Awarded.
FLATS Cost, $7500
SAN FRANCISCO. E Funston Ave. 150 S Lake Street.
Two-story and basement frame and stucco flats.
Owner—Chas. Kraut.
Architect—R. R. Irvine, 2048 Market St., San Francisco.
Contractor—Roy A. Helgessen, 2695 23rd Ave., San Francisco.

Plans Completed
FLATS Cost, $12,000
SAN FRANCISCO. E Stanyan St. N Turk.
Two - story and basement frame and stucco flats.
Owner—Felton Perkins, 215 Market.
Architect—R. R. Irvine, 2048 Market.

Sub-Bids Being Taken.
FLATS Cost, $12,000
SAN FRANCISCO. S Lake St. 57 W Twenty-sixth Ave.
Two-story and basement frame and stucco flats (2 5-room flats) flat roof, forced hot water heating system, wood sash, tile baths, hardwood floors, etc.
Owner and Builder—A. Markowitz, 571 19th Ave., San Francisco.
Architect—R. R. Irvine, 2048 Market St., San Francisco.

Owner Taking Bids.
FLATS Cost, $12,000
SAN FRANCISCO. E Stanyan St. N Turk Street.
Two-story and basement frame and stucco flats (2 5-room flats).
Owner—Felton Perkins, 215 Market St., San Francisco.
Architect—R. R. Irvine, 2048 Market St., San Francisco.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $6,500
OAKLAND, Alameda Co., Cal. 14th and Madison Streets.
Service station.
Owner—Matti Bliss, et al.
Lessee—Richfield Oil Co., 4035 Park Blvd., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—F. D. Alexander 434 Wyne
May 15, 1936

Sub-Contracts Awarded
GARAGE Cont. Price, $11,814
SEBASTOPOL, Sonoma Co., Calif.
One - story reinforced concrete garage at high school.
Owner — Analy Union High School District.
Architect—Louis Stone and Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Contractor—L. C. Dunn, Monadnock Bldg., San Francisco.
Reinforcing Steel — Bethlehem Steel Corp., 20th and Illinois Sts., San Francisco.
Miscellaneous Iron — Schrader Iron Works, 1247 Harrison Street, San Francisco.
Steel Sash—Detroit Steel Prod. Co., 111 Sutter St., San Francisco.
Composition Roofing—G. W. Davenport, San Rafael.
Electric—San Carlos Electric Works, San Carlos.
Plumbing and Sheet Metal—Wetch Bros., Sebastopol.
Painting—C. E. Gordon Paint Co., 666 Mission St., San Francisco.
Overhead Doors—Bates-Carpenter Co. 604 Mission St., San Francisco.

Planned.
SERVICE STATION Cost, $——
MARYSVILLE, Yuba Co., Calif. SW Fifth and E Streets.
Super service station.
Owner—George Schneider, Marysville
Plans by Engineering Dept. of Lessee
Lessee—Standard Oil Co., 225 Bush St., San Francisco.
Present structures on site are now being razed.

Plans Completed
SERVICE STATION Cost, $6,500
OAKLAND, Calif., 2001 Fruitvale Ave.
One-story steel service station.
Owner—Shell Oil Co., 315 Derby Ave.
Architect—By Engineering Dept. of owner.

Contract Awarded.
ALTERATIONS Cost, $12,000
SAN FRANCISCO. NW Washington St. and Van Ness Ave.
Alterations to garage and salesroom building.
Owner—S. D. Wilcox.
Engineer—Thos. F. Chace, 2801 Benvenue Ave., Berkeley.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.

Contract Awarded
SERVICE STATION Cost, $3,500
SAN FRANCISCO. SE 28th Ave. and Geary Street.
Steel service station.
Owner—George Meyer, premises.
Architect—Not Given.
Contractor—W. B. Milton, 589 Haddon Road, Oakland.

Construction To Start Shortly.
SERVICE STATION Cost, $11,000
EUREKA, Humboldt Co., Cal. Fourth and I Streets.
Super service station (3 pumps, 2 hoists, etc.)
Owner—Gilmore Oil Co., 3rd and 18th Sts., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — John Huggard, Rialto Bldg., San Francisco.

To Be Done By Day's Work.
SERVICE STATION Cost, $4000
ALAMEDA, Alameda Co., Cal. No. 1302-1304 Central Avenue.
Steel and glass service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

Construction To Start Shortly.
SERVICE STATION Cost, $11,000
EUREKA, Humboldt Co., Cal. Fourth and I Streets.
Super service station (3 pumps, 2 hoists, etc.)
Owner—Gilmore Oil Co., 3rd and 18th Sts., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—John Huggard, 1060 Bryant St., San Francisco.

Contract Awarded
SERVICE STATION Cost, $4,000
SAN FRANCISCO. SE Main and Mission Streets.
Steel service station.
Owner—S. Levin.
Architect—Not Given.
Contractor—Fred. J. Early, Jr., 369 Pine Street.

7— FEDERAL BUILDINGS

BIDS WANTED
BALBOA HEIGHTS, C. Z.—Until June 25 bids will be received by Office of Chief Quartermaster, The Panama Canal, Canal Zone, Balboa Hgts., C. Z., for constructing four one-family type 101 quarters; four one-family type 102 quarters; nine two-family type 103 quarters; five two - family type 104 quarters; one one - family type 108 official quarters, and one 12-apt. bachelor quarters for American employees; nine 12-family silver quarters and three 24-room bachelor quarters for artisans and laborers. Materials in part will be furnished by the government; deposit of $20 required for specifications, etc. Checks must be certified.

Plans Being Prepared.
POST OFFICE Cost, $75,000
AUBURN, Placer Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans Being Prepared.
POST OFFICE Cost, $65,000
VACAVILLE, Solano Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans Being Prepared.
POST OFFICE Cost, $410,000
SAN DIEGO, San Diego Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Bids Wanted—To Close June 22, 1 P. M.
POST OFFICE Cost, $84,000
SANTA MARIA, Santa Barbara Co.
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.

Plans Being Prepared.
POST OFFICE Cost, $265,000
SALEM, Oregon.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

CONTRACT AWARDED
ORANGE, Cal.—Ceco Weatherstrip & Screen Co., Chicago, Ill., at $344 awarded contract by Treasurer Department for furnishing and installing insect screens at the U. S. Post Office, Orange.

Complete Bids
POST OFFICE Cost, $75,000
RENTON, Washington.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—Western Const. Co. Textile Tower, Seattle, $57,820.
Complete bids follow:
Western Const. Co., Seattle.....$57,820
MacDonald Bldg. Co., Tacoma.. 57,857
Harry Boyer Son & Co. Olympia 58,370
Standard Const. Co., Seattle..... 59,190
Sound Const. & Engr. Co., Seattle 59,624
Wm. Petersen, Seattle..... 63,850
M. L. Erickson, Seattle..... 71,786

BIDS WANTED
LUALAUALEI, Oahu, T. H.—Until July 15, 11 A. M., bids will be received by the Bureau of Yards and Docks, Novy Dept., Washington, D. C., for the construction of buildings at the Naval Radio Station located at Lualualei, Oahu, T. H. The work includes: Concrete, concrete tile units, metal lath, plastering, stucco, steel and iron work, marble and tile work, asphalt tile, screens, roofing and sheet metal work, plumbing, heating and electrical systems. Cost is estimated at $150,000; Spec. No. 7891 and accompanying drawings may be obtained on application to the Bureau, to the Commandant, Fourth Naval District, Navy Yard, Pearl Harbor, T. H., or to the Commandant, 12th Naval District, 100 Harrison St., San Francisco. Deposit of a check or postal money order for $20, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specifications. Norman M. Smith, Chief of Bureau.

BIDS WANTED
STOCKTON, San Joaquin Co., Cal. —Until June 4, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for installing insect screens and window ventilators in the U. S. P. O. at Stockton. Drawings and specifications may be obtained from the custodian of the building or at the above office.

CONTRACT AWARDED
CARSON CITY, Nevada—Otis Elevator Co., 1 Beach St., San Francisco, at $19,690 awarded contract by Treasury Department, for furnishing and installing elevators in the U. S. Post Office, Carson City.

Contract Awarded
POST OFFICE Cont. Price, $58,150
SELMA, Fresno Co., Cal. NE North and High Streets.
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Wicks Engr. & Const. Co. 1441 Bluff St., Des Moines, Iowa.
Complete bids published April 17.

BIDS WANTED
HOLLYWOOD, Los Angeles Co., Cal.—Until June 18, 10 A. M., bids will be received by Treasury Department, Washington, D. C., for decorative painting and plastering, etc., at the U. S. post office, Hollywood.

BIDS WANTED
ELKO, Nev.—Until June 11, 10 A. M., bids will be received by Treasury Department, Washingtono, D. C., for painting plaster, etc., at the U. S. post office Elko.

Preparing Plans
P. O. SUBSTATION Cost, $130,000
SEATTLE, Wash. SE University Way and E 43rd Street.
U. S. post office substation.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Plans Being Prepared.
POST OFFICE Cost, $84,000
SANTA MARIA, Santa Barbara Co
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C

Plans Being Prepared.
POST OFFICE Cost, $215,000
PASADENA, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans Being Prepared.
POST OFFICE Cost, $95,000
MARTINEZ, Contra Costa Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans Being Prepared.
POST OFFICE Cost, $75,000
LOVELOCK, Nevada.
U. S. Post Office and agricultural building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans Being Prepared.
POST OFFICE Cost, $80,000
SOUTH GATE, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

BIDS WANTED
VENTURA, Ventura Co., Cal.—Until May 29, bids will be received by Treasury Department, Washington, D. C., for plaster models of the U. S. post office at Ventura.

BIDS WANTED
STOCKTON, San Joaquin Co., Cal. —Until June 4, bids will be received by the Treasury Department, Washington, D. C., for insect screens and window ventilators at the U. S. post office, Stockton.

AWARD APPROVED
SAN FRANCISCO. — Treasury Department approved award to Revere Copper and Brass Co. for copper water supply pipe for the U. S. Mint, San Francisco. Clinton Const. Co., Crocker Bldg., San Francisco, general contractors.

BUILDING MATERIALS APPROVED
SAN RAFAEL, Marin Co., Calif.—Treasury Deartment has approved the following building material and equipment awards for the construction of the U. S. post office at San Rafael. Leo Epp, 4745 Geary St., San Francisco, general contractors:
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountain, Kelvinator Sales Corp.; water supply pipe, Chase Brass & Copper Co.; pressure reducing valve on water supply, Charles H. Bailey Co.; backwater valve, Josam Mfg. Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Works; boiler, Kewanee Boiler Corp.; tube radiators and wall radiators, Crane Co.; nonconducting covering for heating, Plant Rubber & Asbestos Works; angle radiator valves, Milwaukee Valve Co.; air valves for radiators, American Radiator Co.; air valves for ends of steam mains, American Radiator Co.; lighting distribution panel, Trumbull Elec. Mfg. Co.; main feeder panel, Trumbull Electric Mfg. Co.; receptacles & flush switches, Arrow-Hart & Hegeman Elec. Co.; glassware, Gill Glass & Fixture Co. and Moe-Bridges; pendant switches, Pass and Seymour; lighting fixtures, Moe-Bridges.

8— CLUB BUILDINGS

Contract Awarded
ALTERATIONS Cost, $40,000
SACRAMENTO, Calif., Ninth and K Streets.
Alterations and additions to five-story lodge building. (Flat terra cotta slabs exterior finish, add new lodge room on roof, etc.)
Owner — Independent Order of Odd Fellows.
Architect — Chas. Dean, California State Life Bldg., Sacramento.
Contractor—William B. Laude, 2319 O. St., Sacramento.

FIRE LOSS
RENO, Nevada—Fire destroyed the Country Club at Reno May 15. James E. Merrill, Manager. Damage estimated at $225,000.

9— HOSPITALS

Preparing Working Drawings
HOSPITAL ADDN. Cost, $100,000
OAKLAND, Alameda Co., Cal. Webster and Hawthorne Streets.
Addition to hospital (reinforced concrete construction).
Owner—Merritt Hospital.
Architect—Masten and Hurd, 233 Post St., San Francisco.
Bids will be asked in about 30 days.

CONTRACT AWARDED
NAPA, Napa Co., Calif.—Standard Fence Co., 440 Bayshore Blvd., San Francisco, at $574.06 awarded contract by State Purchasing Deptartment, Sacramento, for furnishing and installing window guards at the Napa State Hospital; Quotation No. 45104.
Complete bids follow:
Standard Fence Co., S. F.....$574.06
Michel & Pfeffer Iron Works, San Francisco 598.00
Sacramento Wire Works, Sacramento 662.15
Anchor Post Fence Co., S. F... 812.00
San Francisco Wire and Iron Works, San Francisco..... 937.40
West Coast Wire & Iron W'ks, San Francisco 1550.00

BIDS WANTED
ST. HELENA, Napa Co., Cal.—Until May 21, 8 P. M., bids will be received by Building Committee, St. Helena Post No. 199, American Legion for alterations and additions to American Legion Hall, Madrona and Oak Aves., St. Helena.
Plans and specifications may be obtained from H. L. Byrd, 1335 Main St., St. Helena.

BIDS WANTED
LIVERMORE, Ala. Co., Calif.—Until June 15, 2:30 p.m., bids will be received by the Manager, Veterans Administration Facility, Livermore, for alterations to Building No. 46, at the Veterans Administration Facility, Livermore. Work includes excavation, carpentry, masonry, concrete work, plastering, roofing, plumbing, heating and electrical work. Plans and specifications may be obtained from above office and from the Super-

vising Superintendent of Construction, Veterans Administration Facility, Palo Alto. No deposit required.

Contract Awarded
ADDITION Cont. Price, $15,960
SAN JOSE, Santa Clara Co., Calif. County Hospital.
One - story addition to isolation ward (wood frame construction, conc. foundations, shingle roof, etc.)
Owner—County of Santa Clara.
Architect—Binder & Curtis, 35 W San Carlos St., San Jose.
Contractor—Henry Andrade, 1465 Jefferson St., Santa Clara.
Complete bids follow:
(1) Extra work.
Henry Andrade, Santa Clara.....$13,620
.....(1) 2,340
H. A. Bridges, San Jose.....$15,000
.....(1) 2,581
J. C. Monk & Son, Los Gatos....$15,190
.....(1) 2,326
Independent Const. Co., S. F.....$15,371
.....(1) 2,549
C. N. Swenson, San Jose.....$15,702
.....(1) 2,526
Bert Ward & Son, San Jose.....$15,780
.....(1) 2,462
Earl W. Hepie, San Jose.....$16,354
.....(1) 2,632

Construction Postponed Indefinitely
HOSPITAL Cost, $75,000
CHICO, Butte Co., Calif.
One - story reinforced concrete community hospital
Owner—Chico Community Hospital.
Architect—W. E. Coffman, Forum Bldg., Sacramento.

Contract Awarded
NURSES' HOME Cont. Price, $21,672
ATWATER, Merced Co., Calif.
One - story frame and stucco nurses' home; 1-story frame and stucco garage and one - story frame and stucco activity bldg.; landscaping equipment, etc. (second unit).
Owner—City of Atwater.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.
Contractor—Midstate Const. Co., 245 Clinton Ave., Fresno.
Complete bids published May 12.

10— HOTELS

Plans Being Completed
ALTERATIONS Cost, $50,000
CHICO, Butte Co., Calif. Second and Salem Streets.
Alterations and additions to hotel (add fifty bath rooms, 90 tubs, repair foundations, etc.)
Owner—Hotel Oaks, Chico.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Segregated bids will be asked in about one week.

Plans Being Figured—Bids Close May 25, 10 A. M.
HOTEL Cost, $—
BUCKINGHAM PARK, Lake Co., Cal.
One and two-story wood frame hotel (10 rooms).
Owner—Buckingham Park Co.
Architect—Douglas D. Stone, 110 Sutter St., San Francisco.
Lindgren & Swinerton, Inc., 225 Bush St., San Francisco, is among the contractors figuring the plans.

11—ICE & COLD STORAGE PLANTS

BIDS WANTED
MARE ISLAND, Calif.—Until May 27, at 11 a.m., bids will be received by Public Works Officer, U. S. Navy Yard, Mare Island, for furnishing and installing refrigerating equipment in Building No. 570 at the Naval Prison, U. S. Navy Yard, Mare Island. Specification No. 8216. Plans and specifications may be obtained from above office upon deposit of $5.00.

BIDS OPENED
MARE ISLAND, Cal.—Parker Mfg. Co., 2625 Santa Fe Ave., Los Angeles, at $1721 submitted low bid to Public Works Officer, U. S. Navy Yard, Mare Island, for furnishing and installing one refrigerating plant complete in Building No. M-37 at the Marine Barracks, Navy Yard, Mare Island. Spec. No. 8224.
Complete bids follow:
Parker Mfg. Co., L. A.....(1) $1721
(2) 1371
Shirar Young Co., S. F.....(1) 1789
(2) 1274
Baker Ice Machine Co., S. F...(1) 2454
(2) 1856
Recommendation made to Washington that contract be awarded to Park Mfg. Co., at $1721.

12— POWER PLANTS

ENGINEER RETAINED
FALLON, Nev.—The Fallon Irrigation Dist. has retained Geo. B. Scheer 2967 Piedmont Ave., Berkeley, electrical engineer, to make a comparison of three plans for securing power for the Fallon district: (1) installation of a diesel plant at Lahontan to cost approximately $125,000; (2) insallation of a hydroelectric unit at the end of the Truckee canal to generate power during non-irrigating seasons while water is entering Lahontan reservoir, and (3) purchase from outside sources.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED
MONTEREY PARK, Los Angeles Co., Cal.—Case Const. Co., Inc., 905 Westminster Ave., Alhambra, at $28,-139.50 awarded contract by the Monterey Park city council, for the consruction of pumping plant and intake and discharge lines for sanitary sewer system located within and outside the city limits of Monterey Park, in accordance with plans and specifications prepared by the engineers, Koebig & Koebig, 458 S Spring St., room 821, Los Angeles.

Planned.
DETENTION HOME Cost, $40,000
EUREKA, Humboldt Co., Calif.
Reinforced concrete detention home.
Owner—County of Humboldt.
Architect—Frank Georgeson, P. O. Box 55, Eureka.
An application will probably be filed with the PWA for a loan and grant to assist financing the proposed structure.

Contract Awarded
IMPROVEMENTS Cont. Price $7,954
SACRAMENTO, Sacramento Co., Cal. State Capitol.
Improvements to Senate and Assembly rooms in State Capitol (work involves alterations and improvements to certain rooms on second and fourth floors, incidental work in attic and on roof, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.
Heating and Vent.—M. R. Carpenter, 907 Front St., Sacramento, $10,497.

Planned.
ADDITION Cost, $—
OAKLAND, Alameda Co., Cal. Alameda County Prison Farm.
Additional housing facilities at Alameda County Farm (to accommodate 75).
Owner—County of Alameda.
Architect—Not Given.

BIDS OPENED
SACRAMENTO, Calif. — Ace Sheet Metal Works, 444 Clementina Street, San Francisco, at $6,493 submitted low bid to the Department of Public Works, Sacramento, for furnishing and installing sheet metal work for the heating and ventilating system in the new cell block, Folsom State Prison, Represa. Work involves duct system, including covering, for the supply and exhaust ventilation system in the new cell block comprising 400 cells.
Complete bids follow:
Ace Sheet Metal Works, S. F.....$6,493
M. R. Carpenter, Sacramento..... 6,814
McLaughlin Sheet Metal Works, Sacramento 7,959
J. Herman Co., Los Angeles..... 8,200
W. M. Gunthy 8,490
Dixon & Hollbrook, Berkeley..... 8,543
Scott Company, San Francisco.... 8,899
Bids held under advisement.

Sub-Contracts Awarded.
LIBRARY & HALL Cost, $18,000
PALO ALTO, Santa Clara Co., Calif. Mayfield District.
One-story branch library and assembly hall (frame and stucco construction, terra cotta tile roof, gas floor furnaces, radiator, Oregon pine floors, steel sash, etc.)
Owner—City of Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor — George B. Moore, 521 Stanford Ave., Palo Alto.
Roofing—R. L. Reaves, Palo Alto.
Plumbing—I. Goldstein, Palo Alto.
Electric Wiring—Erskins Elec. Works Redwood City.
Heating——Mead Sheet Metal Works, Palo Alto.
Iron Grille Work — R. Bleibler, Palo Alto.
Lathing and Plastering—I. T. Bridges, Palo Alto.
Sheet Metal—Mead Sheet Metal Wks. Palo Alto.
Painting—Thomas & Stangl, Palo Alto
Structural Steel — R. Bleibler, Palo Alto.

Plans Being Prepared.
AUDITORIUM Cost, $25,000
GERBER, Tehama Co., Calif.
One-story community auditorium.
Owner—City of Gerber.
Architect—Chester Cole, Chico.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Application filed with WPA.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $12,000
CARMEL, Monterey Co., Calif.
Two-story frame and stucco residence (8 rooms & 2 baths) heavy shake roof, steel sash, electro gas heating system (forced air) hardwood floors, tile baths, etc.
Owner—Bert Doolittle.
Architect—C. J. Ryland, Carmel.
Contractor—Harold Geyer, 946 Hellam St., Monterey.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 26th Avenue S Vicente.
Two one - story and basement frame and stucco residences.
Owner and Builder—Dominic Tiscornia, 1651 Alemany Blvd.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cont. Price, $7555
SANTA ROSA, Sonoma Co., Calif.
One and one-half-story frame and stucco residence (6 rooms) English type, shingle roof, oil burning

heating system, wood sash, hardwood floors, etc.
Owner—M. Kingsbury .
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor — E. A. Ahlstrom, 323½ Santa Rosa Ave., Santa Rosa.

Contract Awarded.
RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) Spanish style; tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Richard Minor, 1444 Burlingame Ave., Burlingame.

Plans Being Figured—Bids Close May 26, 5:00 P. M.
RESIDENCE Cost, $11,000
HILLSBOROUGH, San Mateo Co.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) English type; shingle roof, wood sash, gas heating system, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Following will submit bids:
C. H. Bessett Building Co., 826 Walnut St., Burlingame.
Richard Minor, 1444 Burlingame Ave., Burlingame.
Chas. Pedersen, 734 Prospect Row, San Mateo.
G. W. Williams Co., 315 Primrose Road, Burlingame.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. Idora and Woodside.
Three one-story and basement frame and stucco residences.
Owner and Builder—J. V. Campbell, 849 Laguna Honda Ave.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif. 350 Vassar.
Two-story frame and stucco residence (six rooms).
Owner—Robert Porter.
Architect—Not Given.
Contractor—P. S. Coate, 2837 Foothill Blvd., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $10,000
STOCKTON, San Joaquin Co., Calif. No. 929 Westminister Avenue.
Two-story and basement frame and stucco residence (8 rooms).
Owner and Builder—T. E. Williamson, 1859 W. Rose St., Stockton.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
PALO ALTO, Santa Clara Co., Calif. No. 1101 Middlefield Road.
One and one-half-story frame and stucco residence.
Owner and Builder—John Christiansen, 751 Webster St., Palo Alto.
Architect—Not Given.

To Be Done By Day"s Work.
RESIDENCE Cost, $6500
SAN JOSE, Santa Clara Co., Calif. No. 27 Tillman Avenue.
Two-story frame and stucco residence
Owner and Builder—A. Darlano, 628 Willis Ave., San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $8500
SACRAMENTO, Sacramento Co., Cal. No. 3660 W. Lincoln Avenue.
Two-story and basement frame and stucco residence.
Owner—Julius Anapolsky, 937 Sonoma St., Sacramento.
Architect—Not Given.
Contractor—A. Fisher, 800 35th St., Sacramento.

Contract Awarded.
DUPLEX RESIDENCE Cost, $6000
STOCKTON, San Joaquin Co., Calif. No. 1240 E. Main Street.
One-story frame and stucco duplex residence.
Owner—Bertha and Martha Heiman.
Architect—Not Given.
Contractor—Frank P. Guyon, 1211 E. Main St., Stockton.

Contract Awarded
RESIDENCE Cost, $7,000
VALLEJO, Solano Co., Calif. Adjacent to Country Club.
Two-story frame and stucco residence (5 rooms) Modern style; shake roof, forced air oil heating system, wood sash, linoleum floors, in bath and kitchen, etc.
Owner—Lieut. Comm. Miffitt.
Architect—F. L. Confer, 3149 Claremont Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove Street, Berkeley.
Sub-bids will be taken May 21.

Contract Awarded
RESIDENCE Cost, $8,500
BERKELEY, Alameda Co., Cal. Shasta Road.
Two-story frame and stucco residence (Modern Colonial style) 8 rooms, 2 baths; shake roof, two sundecks, wood sash, linoleum floors in baths and kitchen, etc.
Owner—R. L. Frick.
Architect—F. L. Confer, 3149 Claremont Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove Street, Berkeley.
Sub-bids will be taken May 21.

Plans Being Prepared
RESIDENCE Cost, $13,000
PIEDMONT, Alameda County, Calif. Scenic Avenue.
Two - story and basement frame and stucco and brick residence (eight rooms, 3 baths) shake roof, gas heating system, steel sash, oak floors, hardwood floors, tile baths.
Owner—Lawrence Lewis.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Bids will be asked in about 2 weeks.

Plans Being Figured — Bids Close June 2.
RESIDENCE Cost, $18,000
SAN FRANCISCO. Twenty-fifth Ave.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) composition shingle and flat roofing, oil or gas heating system, steel sash, hardwood floors, tile baths, etc
Owner—J. W. Dinkelspiel.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.
Fred K. DuPuy, 110 Sutter Street, is figuring the plans.

Contract Awarded.
RESIDENCE Cost, $9000
BERKELEY, Alameda Co., Calif. Brewster near Arlington Ave.
Two-story and basement frame and stucco residence (California Style) (8 rooms and 3 baths) shake roof, gas hot air heating system, steel sash, etc.
Owner—John Jones.
Architect — Edwin L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.
Sub-bids will be taken May 21.

PLANS COMPLETED
LOS ANGELES, Cal.—Architect C. M. Winslow, 1001 Architects' Building has completed working drawings and specifications for a Spanish village consisting of ten hotel bungalows and a replica of a Spanish cathedral to be used for musical recitals and art exhibits, to be erected on the north side of Wilshire Blvd., bet. Alexandria and Mariposa Aves., for Chapman Estate. The buildings will be of reinforced concrete and frame and stucco construction and will cost approximately $600,000. Wm. Simpson Construction Co., 1007 Architects' Bldg., contractor.

Sub-Contracts Awarded
RESIDENCE Cost, $7,500
BERKELEY, Alameda Co., Calif. 1401 Ada Street.
One - story frame and stucco duplex residence (two 5-rm. residences)
Owner—Ralph E. Thomas, 1455 Garfield St., Albany.
Architect—Not Given.
Contractor—H. K. Jensen, 3323 Arkansas St., Oakland.
Plumbing—Tony Fialbo, 583 Davis St., Oakland.
Electric Wiring—Kerr & Clifford, 3525 E. 14th St. Oakland.
Lumber—Piedmont Lbr. Co., 851 40th St., Oakland.
Rough Hardware—Marcus Hardware Co., Oakland.
Concrete—A. J. Marin, 1040 Murry St., Berkeley.
Sub-bids are being taken on other portions of the work.

Plans Being Prepared
RESIDENCE Cost, $10,000
LOS GATOS, Santa Clara Co., Calif. Kennedy Road.
Two - story and basement frame and stucco residence (7 rooms).
Owner—H. Putman.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Bids will be asked in about three weeks.

Contract Awarded
RESIDENCE Cost, $5,700
SAN BRUNO, San Mateo Co., Calif. San Bruno and San Mateo Aves.
One-story frame and stucco residence
Owner—William Eital, et al.
Architect—Leo J. Sharps, 1477 Burlingame Ave., Burlingame.
Contractor — Joseph Bettancourt, San Bruno.

Contract Awarded
RESIDENCE Cost, $5,100
WATSONVILLE, Santa Cruz Co., Cal.
One - story and basement frame and stucco residence (5 rooms) tar and gravel roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Dr. E. S. Shearer.
Architect—Geo. P. Simonds, 80 Main Street, Hayward.
Contractor—T. H. Rosewall, 422 Third St., Watsonville.

Plans Being Figured—Bids Close May 25, 8 P. M.
RESIDENCE Cost, $4,500
ORINDA, Contra Costa Co., Calif.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—J. A. Davidson.
Architect—Geo. P. Simonds, 80 Main Street, Hayward.

Contract Awarded
RESIDENCE Cost, $6,900
SACRAMENTO, Sacramento Co., Cal. 2232 Ninth Avenue.
Two-story frame and stucco residence
Owner—C. Cucchi, 822 U St., Sacramento.
Architect—Not Given.
Contractor—N. H. Lund, 2241 9th Ave. Sacramento.

Contract Awarded.
RESIDENCE Cost, $12,500
PIEDMONT, Alameda Co., Calif. 25 Selbourne Avenue.
Two-story and basement frame and stucco residence (9 rooms).
Owner—G. McCullough, Trestle Glen Road, Piedmont.
Architect—Not Given.
Contractor—C. M. Teiglund, 4668 Dolores St., Oakland.

Contract Awarded.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal. No. 690 Santa Rosa Street.
Two-story frame and stucco residence (7 rooms).
Owner—L. A. Kerny, 306 15th St., Oakland.
Architect—Not Given.
Contractor—Millar White, 1880 San Antonio St., Berkeley.

Plans Being Completed
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Arch Street.
One-story rustic residence (5 rooms) [illegible] and gravel roof, gas heating system, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 80 Main Street, Hayward.
Bids will be asked within a few days.

Sub-Bids Being Taken
RESIDENCE Cost, $15,000
HILLSBOROUGH, San Mateo Co., Calif.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) French style; shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.
Architect—Leo Sharps, 1477 Burlingame.

Contract Awarded.
RESIDENCE Cost, $7500
SAN FRANCISCO. W San Pablo S Portola Drive.
Two-story and basement frame and stucco residence.
Owner—Sidney Rhein, 110 Sutter St., San Francisco.
Architect—Not Given.
Contractor—Land Development Co., 364 Bush St., San Francisco.

Plans Being Completed.
RESIDENCE Cost, $7000
HOLLISTER, San Benito Co., Cal.
Two-story frame and stucco residence (6 rooms and 2 baths); tile roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Chester Trelchel, 696 Cleveland St., Oakland.
Bids will be asked within one week.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 1908 Melvin Road.
One-story and basement frame and stucco residence (6 rooms).
Owner—Paul H. Hammarberg, 2530 Hilgard Ave., Berkeley.
Architect—Not Given.
Contractor — A. Hammarberg, 2530 Hilgard Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $——
EUREKA, Humboldt Co., Cal. SE Fourth and D Streets.
Three-story redwood residence (stucco front) and one-story warehouse (60x110 feet.)
Owner—E. Rosala (Teresa Fruit Co.) Eureka.
Contractor—Halsby & Lax, Eureka.

May 15, 1936

Contract Awarded
RESIDENCES Cost, $5,000 each
ALAMEDA, Alameda Co., Cal. 2064 and 2066 Santa Clara Avenue.
Two 1-story and basement frame and stucco residences (6 rooms).
Owner—W. J. Hathway, Sixth Ave. and E 12th St., Oakland.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.

Contract Awarded
RESIDENCE Cost, $3,591
SAN JOSE, Santa Clara Co., Calif. Emory Street and Elm.
One-story frame and stucco residence.
Owner—Fred & Ida Pippy, 824 Emory St., San Jose.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Owner—W. M. Caldwell, 1241 Hedding Way, San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
SAN FRANCISCO. NE Juanita and Evelyn Streets.
One - story and basement frame and stucco store and residence.
Owner and Builder—Meyer Brothers, 735 Portola Drive.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,500
ALAMEDA, Alameda Co., Calif. 3225 Thompson Avenue.
Two-story frame and stucco residence (six rooms).
Owner—A. G. Wheeler, 3235 Thompson Ave., Alameda.
Architect—Not Given.
Contractor—Chris Hansen, 1500 Santa Clara Ave., Alameda.

Contract Awarded.
RESIDENCE Cost, $——
SAN FRANCISCO. N Francisco St. near Polk Street.
Two-story frame and stucco residence
Owner—Otto Rosenstein.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—J. Harold Johnson, 639 Brannan St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. Piedmont District.
Two-story frame and stucco residence (7 rooms and 2 baths); shake roof, gas heating system, steel & wood sash, hardwood floors, etc.
Owner and Builder—Morris Ross, % Architect.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Plans Being Revised.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Calif. St. James Wood.
Two-story and basement frame and stucco residence.
Owner—H. E. Jackson, 3106 Magnolia Street, Oakland.
Architect—Miller & Warnecke, Financial Bldg., Oakland.
New bids will be asked shortly.

To Be Done By Day's Work.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. No. 517 Florence Avenue.
Two-story frame and stucco residence (8 rooms).
Owner and Builder — G. Nagle, 864 Barbara Road, Oakland.
Architect—Not Given.

CONTRACT AWARDED
SAUGUS, Los Angeles Co., Calif.—Eser Wikholm, 656½ S Western Ave., Los Angeles, awarded contract by Los Angeles Water and Power Commission, 207 S Broadway, Los Angeles, at $27,600, for construction of seven bungalows and three garages at the bureau's power plants No. 1 and No. 2, San Francisquito Canyon, near Saugus, under Spec. No. 1900.

Contract Awarded
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Calif. 5727 Walnut Avenue.
One - story and basement frame and stucco residence (six rooms).
Owner—E. Gardner, 3509 Oak Knoll Blvd., Oakland.
Architect—Guy L. Brown, American Bldg., Oakland.
Contractor—J. B. Petersen and Son, 5021 Agua Vista Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. 1615 Emory Street.
Two - story and basement frame and stucco residence (8 rooms).
Owner—J. S. Williams, Jr., 1128 Glen Ave., San Jose.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Contractor—A. R. Calvelli, 1625 Emory St., San Jose.

Contract Awarded
RESIDENCE Cost, $15,380
FAIRFAX, Marin Co., Calif. Jory Ranch.
Two - story and basement frame and stucco residence.
Owner—Harry S. Scott, Fairfax.
Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—Robert Roy, Fairfax.

Preparing Plans—Contract Awarded
RESIDENCES Cost, $——
SAN MATEO, San Mateo Co., Calif.
Group of 25 residences (5- 6- and 7-rooms) frame and stucco construction, siding, tile, composition and shingle roofing, oak and linoleum floors, brick work, tile baths and drainboards, etc.
Owner—Mr. Merner.
Architect—Gordon B. Kaufmann, 627 S. Corondolet St., Los Angeles.
Contractor—Sam Bennett, 1084 Bresee St., Pasadena.

Preparing Plans
ADDITION Cost, $——
ATHERTON, San Mateo Co., Calif.
Addition to residence (frame and stucco construction, shingle roofing, oak and linoleum floors, fireplace)
Owner—Martin S. Mitau.
Architect—Gordon B. Kaufmann, 627 S. Carondolet St., Los Angeles.

Sub-Contracts Awarded
ALTERATIONS Cost, $8,500
SAN FRANCISCO. 3185 San Jose Ave.
Alterations to residence.
Owner—William McGregor, Premises.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—A. D. Disston, 666 Mission Street.
Plumbing—H. Williamson & Co., 88 Keystone Way.
Electric—Arc Electric Co., 4792 Mission Street.
Concrete—Adam Arras, 4008 18th St.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
SAN JOSE, Santa Clara Co., Cal. 1618 Shasta Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Rollie Williams, 1497 Shasta Ave., San Jose.
Architect—Charles McKenzie, Twohy Bldg., San Jose.

Contract Awarded
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Keeler, South Main.
Two-story frame and stucco residence (6 rooms) shingle roof, gas heat-

ing system, wood sash, hardwood floors, etc.
Owner—Mr. and Mrs. Close.
Architect—Withheld.
Contractor—J. M. Walker, 1709 Grove Street, Berkeley.

Contract Awarded.
RESIDENCE Cost, $6500
SACRAMENTO, Sacramento Co., Cal. No. 2740 Thirteenth Street.
Two-story frame and stucco residence
Owner—Josephine E. Lund.
Architect—Not Given.
Contractor — Leonard Lund, 3240 I St., Sacramento.

Mill Work Contract Awarded.
RESIDENCE Cost, $50,000
ORINDA, Contra Costa Co., Calif.
Two-story and basement frame and brick residence (70 rooms and 6 baths) shake roof, hot water heating system, wood sash, hardwood floors, linoleum floors and plastered walls in baths, etc.
Owner—R. F. Rheem.
Architect — Clarence A. Tantau, 210 Post St., San Francisco.
Contractor—Chas. Stockholm & Sons, Russ Bldg., San Francisco.
Mill Work — Pacific Mfg. Co., 454 Montgomery St., San Francisco.
As previously reported, concrete awarded to J. H. Fitzmaurice, 2857 Hannah St., Oakland; plumbing to Durant-Gilman Co., 1012 Webster St., Oakland.
Sub-bids are being taken on other portions of the work.

Contract Awarded.
RESIDENCE Cost, $7169
LOS ALTOS, Santa Clara Co., Calif.
Two-story frame and stucco residence (tile roof, etc.)
Owner — F. E. and Erna Wilder, 11 Richards Ave., San Jose.
Architect—Not Given.
Contractor—Neil Darrah, 570 Church St., Mt., View.

Sub-Bids Being Taken.
RESIDENCE Cost, $——
SAN ANSELMO, Marin Co., Calif.
1½-story wood frame residence (eight rooms, 3 baths) tile roof, oil burning heating system, wood sash, tile floors in baths, etc.; Early California Farm House type.
Owner—Dr. John Humber, 909 Hyde St., San Francisco.
Architect—Harold Stoner, 41 Sutter St., San Francisco.
Contractor—Mr. McKinney, care architect.

Plans Being Prepared
RESIDENCE Cost, $14,000
STOCKTON, San Joaquin Co., Calif. Oxford Manor.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, gas heating system, air conditioning system, steel sash, hardwood floors, tile baths, tile wainscot, etc.
Owner—Withheld.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.
Bids will be taken from a selected list of contractors in one week.

Contract Awarded.
STORE Cost, $25,000
PALO ALTO, Santa Clara Co., Calif. University Ave. and Emerson St.
One-story store building (2 stores) 50 x100 feet).
Owner—Wideman & Sons, Inc.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor — Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Owner Taking Bids.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. East Oakland District.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner — G. H. Stover, 8730 Foothill Blvd., Oakland.
Architect — Earl MacDonald, 3812 Broadway, Oakland.

Plans Being Prepared.
RESIDENCES Cost, $——
SAN FRANCISCO. West of Junipero Serra Blvd.
Twelve one and one-half-story frame and stucco residence (6 and 7 rooms & 2 baths) mineral shingle and tile roofs, gas heating systems, wood sash, hardwood floors, tile baths, canvas walls, etc.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Harold Stoner, 41 Sutter St., San Francisco.

Contract Awarded
RESIDENCE Cost, $4,000
BERKELEY, Alameda Co., Cal. Buena Vista Avenue.
Two-story frame residence (5 rooms) Modern Rustic style; wood siding, wood sash, gas furnace, tar and gravel roofing, etc.
Owner—Professor James.
Architect—Withheld.
Contractor—J. M. Walker, 1709 Grove Street, Berkeley.

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alamtda Co., Cal. No. 2332 Leimert Blvd.
Two-story frame and stucco residence (six rooms).
Owner—H. L. Kern.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—Allen & Allen, 3471 Laurel Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 2134 Melvin Road.
One-story and basement frame and stucco residence (5 rooms).
Owner—M. King, 3801 Everett Street, Oakland.
Architect—Not Given.
Contractor—H. K. Jensen, 3323 Arkansas St., Oakland.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. E Connecticut S Twentieth Street.
One - story and basement frame and stucco residence.
Owner—Nick Lucas, 525 Connecticut.
Architect—Not Given.
Contractor — Rollin L. Rentoul, 525 Connecticut Street.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 30th Avenue N Rivera Street.
One - story and basement frame and stucco residence.
Owner and Builder—Bay Cities Bldg. Co., 160 Russ Street.
Architect—C. O. Clausen, 746 46th Avenue.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 45th Ave. 150 N Fulton Street.
One - story and basement frame and stucco residence.
Owner—Dr. J. J. McCarthy, 393 20th Avenue.
Architect—Not Given.
Contractor—Robt. McCarthy, 1363 14th Avenue.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 715 Rosal Avenue.
Two-story frame and stucco residence (six rooms).
Owner—E. M. Hunt.
Architect—Not Given.
Contractor — Lincoln Const. Co., 7 5 0 Warfield Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
ALAMEDA, Alameda Co., Cal. No. 916 Regent Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—Frank Steffensen, 1300 Webster St., Oakland.
Architect—Willis C. Lowe, 354 Hobart St., Oakland.
Contractor—A. Steffensen, 1300 Webster St., Oakland.

Contract Awarded
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (8 rooms and 3 baths).
Owner—A. T. Evans.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—Henry Voelker, 805 Winchester Ave., Burlingame.

Sub-Contracts Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO. Maywood Street.
Two - story and basement frame and stucco residence (7 rooms and 3 baths) composition roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—H. Seamen.
Architect—Conrad Kett, 519 California Street.
Contractor—Paul Wolter, 72 Fernwood Drive.
Roofing—Alta Roofing Co., 976 Indiana Street.
Plumbing — Security Plumbing Supply Co., 1657 Market Street.
Heating and Sheet Metal—Atlas Htg. & Vent. Co., Ltd., 557 4th Street.
Tile Work—Karlberg and Bosin, 367 Bayshore Boulevard.
Glass—W. P. Fuller & Co., 301 Mission Street.
Brick Work—Karlberg and Bosin, 367 Bayshore Boulevard.
Lumber—Loop Lbr. Co., Central Basin
Wood Sash—Sage & Wilder,. 2156 San Bruno Avenue.
Hardware—Jackson Hardware Co.
Flooring—Yosemite Flooring Co.
Concrete—Golden Gate Concrete Co.

Contract Awarded
RESIDENCE Cost, $6,500
SAN FRANCISCO. NE Cumberland and Noe Streets.
One - story and basement frame and stucco residence.
Owner—J. F. McColgan, 328 Wisnom St., San Mateo.
Architect—E. Musson Sharpe, 111 Sutter Street.
Contractor—J. B. Oswald, 1150 Industrial St., Burlingame.

Contract Awarded
ALTERATIONS Cost, $3,000
ALAMEDA, Alameda Co., Calif. 1903 Park Street.
Alterations and additions to residence
Owner—Mrs. F. Maiss, 1903 Park St., Alameda.
Architect—Not Given.
Contractor—M. Ghisselli, 1312 Fountain St., Alameda.

Contract Awarded
ALTERATIONS Cost, $——
PIEDMONT, Alameda Co., Cal. No. 11 Sierra Street.
Alterations to two-story frame residence (add one room, etc.)
Owner—Allen L. Chickering, Piedmont.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Chas. Stockholm & Sons Russ Bldg., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO. Monterey Heights.
Two - story and basement frame and stucco residence (7 rooms and 3 baths) Monterey type; composition shingle roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—W. H. Arnold.
Architect—Conrad Kett, 519 California Street.
Contractor—Paul Wolter, 72 Fernwood Drive.
Roofing—Alta Roofing Co., 976 Indiana Street.
Plumbing — Security Plumbing Supply Co., 1657 Market Street.
Heating and Sheet Metal—Atlas Htg. & Vent. Co., Ltd., 557 4th Street.
Tile Work—Karlberg and Bosin, 367 Bayshore Boulevard.
Glass—W. P. Fuller & Co., 301 Mission Street.
Brick Work—Karlberg and Bosin, 367 Bayshore Boulevard.
Lumber—Loop Lbr. Co., Central Basin
Wood Sash—Sage & Wilder,. 2156 San Bruno Avenue.
Hardware—Jackson Hardware Co.
Flooring—Yosemite Flooring Co.
Concrete—Golden Gate Concrete Co.

To Be Done By Day's Work.
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 2447 16th Ave.
Alterations to residence.
Owner—J. F. Giannini, premises.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6500
SAN MATEO, San Mateo Co., Calif. Elm Street.
Two-story frame and stucco residence (7 rooms and 2 baths) tile roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Harry A. Cox.
Architect — Ed. Musson Sharpe, 111 Sutter St., San Francisco.
Contractor—Roy Allen, P. O. Box 62, Burlingame.

NEW BIDS WANTED
SAN FRANCISCO — Until June 3, 2:30 P. M., new bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing a lawn sprinkling system for San Francisco War Memorial buildings at Van Ness Ave., Grove, Franklin and McAllister Streets.
On previous bid opening following bids were submitted:

Herman Lawson	$1134
Rockwood Sprinkler Co.	
(Mueller Type)	1374
(Buttner Type)	1607
Scott Company	1417
F. W. Snook Co.	1445

Further particulars may be obtained from City Architect Chas. H. Sawyer, Room 265, City Hall.

15— SCHOOLS

Contract Awarded
SCHOOL Cont. Price, $60,900
AVENAL, Kings Co., Calif.
One-story brick elementary school (6 classrooms).
Owner—Reefe-Sunset School District.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—R. W. Brown, 118 S Kay St., Madera.
Complete bids follow:
(1) Bid No. 1; (2) Bid No. 2.
R. W. Brown, Madera: (1) $60,900; (2) $55,600.
Harris Const. Co.: (1) $61,961; (2) $56,291.
Trewhitt-Shields & Fisher: (1) $63,400; (2) $57,280.
Midstate Const. Co.: (1) $63,431; (2) $57,767.
W. J. Ochs: (1) $64,256; (2) $59,141.
T. C. Irwin: (1) $64,352; (2) $58,473.
L. H. Hansen & Son: (1) $69,950; (2) $61,450.

BIDS WANTED
LOS ANGELES, Cal.—Until May 26, 2 P. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S San Pedro St., for the reconstruction, rehabilitation, and strengthening of the main and home economics buildings at the Belvedere junior high school, 320 North Record St. Cost, $152,000. C. E. Noerenberg, 210 L. A. Railway Bldg., architect.

BIDS WANTED
LOS ANGELES, Cal.—Until May 25, 2 P. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S San Pedro St., for the reconstruction, rehabilitation, and strenthening of the 1923 portion of the main brick building at Aldama Street school, 632 N Avenue 50. Cost, $56,000. Howard Schroeder, 458 S Spring St., architect, and Donald F. Shugart, 1770 N Vermont Ave., structural engineer.

BIDS WANTED
LOS ANGELES, Cal.—Until May 20, 2 P. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S San Pedro St., for painting and miscellaneous work on the main building at the University high school, 11,800 Texas Ave., West Los Angeles. Cost, $5,000.

BIDS WANTED
WHITTIER, Los Angeles Co., Cal. —Until May 22 bids will be received by the Whittier Union High School District, Whittier, for a new one-story, boys' and girls' dressing room building to be erected at the high school in Whittier. Bids are to be submitted at the office of he architect, William H. Harrison, 303 Architects' Bldg., Los Angeles, at 12 o'clock, noon and will be opened by the district at Whittier at 7 P. M. on that day (May 22). Cost, $60,000.

Contract To Be Awarded.
ADDITION Cont. Price, $8212
UKIAH, Mendocino Co., Calif.
Addition to elementary school (add 2 classrooms to rear of south wing of present building) wood frame and cement plaster exterior.
Owner — Ukiah Elementary School District (E. E. Walter, Clerk),
Architect—Wm. Herbert and Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—F. F. Mitchell, Ukiah.

BIDS WANTED
WHITTIER, Los Angeles Co., Cal. —Until May 22 bids will be received by the Whittier Union High School District, Whittier, for a new 1-story boys' and girls' dressing room building to be erected at the high school in Whittier. Wm. H. Harrison, Architects' Bldg., Los Angeles, architect.

PLANNED
TEMPE, Arizona.—Arizona State Teachers' College, Tempe, has purchased a 35-acre tract of land on Hill Ave., south of Tempe, for use as a farm by the college agriculture department. The present college farm will be abandoned and all live stock moved to the new acreage where barns, silos and other equipment will be built.

BIDS WANTED
LOS ANGELES, Cal.—Until May 26, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S San Pedro St., for a new two-story reinforced concrete 16-room classroom building to be built at the Hoover St. school, 2726 Francis Avenue. George Adams, 5th floor, 5514 Wilshire Blvd., architect; Ralph A. DeLine, structural engineer, 1044 S. Grand Ave., and E. L. Ellingwood, mechanical engineer, H. W. Hellman Bldg. Cost, $80,000.

Planned.
ADDITIONS Cost, $13,000
WOODLAND, Yolo Co., Calif.
Addition to high school building (add four classrooms).
Owner—Woodland High School Dist.
Architect—Dragon & Schmidts, 3016 Telegraph Ave., Berkeley.

BIDS WANTED
MENDOCINO, Cal.—Until June 2, 2 P. M., bids will be received by Vernie J. Brown, Clerk, Mendocino Union High School District, for furnishing and installing manual oil fired forced warm air heating system, one oil fired furnace with 300 gallon tank to heat water for showers and complete removal of present heating and hot water system at the Mendocino High School.
Plans and specifications may be obtained from above office.

Contracts Awarded.
SCHOOL Cost, $——
SAN FRANCISCO. Franklin St and Broadway (St. Brigid's).
Three-story reinforced concrete parochial school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—H. A. Minton, 525 Market St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—James L. McLanghlin, 251 Kearny St., San Francisco.
Plumbing—Dowd & Welch, 3516 16th St., San Francisco.
Heating—Knittle Bros., 224 Fifth St., San Francisco.

Plans Being Completed
RECONST. SCHOOL Cost, $50,000
SAN LEANDRO, Alameda Co., Calif.
Reconstruction of existing unit and construct additional new units at the Roosevelt School (wood frame and stucco construction).
Owner—San Leandro School District.
Architect—Geo. Klinkhardt, Bank ef America Bldg., Oakland.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Bids will be asked about June 15.

CONTRACT AWARDED
LONG BEACH, Cal.—Chas. W. Pettifer, 703 W 14th St., Long Beach, awarded contract by the Long Beach board of education at $37,340, for construction of units 4 and 5 at the Jane Addams school site. E. J. Baume, 315 Heartwell Bldg., Long Beach, architect.

BOND ELECTION
MERCED, Cal.—Charleston Elementary School District will vote on June 5, on a proposal to issue bonds in the amount of $10,000, proceeds to finance construction of alterations and additions to schools in the Charleston School District.

Plans Being Figured—Bids Close June 9, 8 P. M.
SCHOOL Cost, $15,000
LAYTONVILLE, Mendocino Co., Cal.
One-story frame and rustic school.
Owner—Laytonville Grammar School District.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Plans and specifications may be obtained from the architect or from R. C. J. Ritschell, Clerk of the Board, Willits.

Plans Being Completed
GYM. AND POOL Cost, $155,000
DALY CITY, San Mateo Co., Calif.
One-story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring), reinforced concrete swimming pool (40x75 feet).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine Street, San Francisco.
Structural Engineer—L. H. Nishkian, 825 Market St., San Francisco.
Mechanical and Electrical Engineer—Robert L. St. John, 544 Market St., San Francisco.
Plans will be forwarded to Sacramento, State Division of Architects, for approval in about five weeks.

Construction To Start Shortly.
SCHOOL Cost, $28,500
DEL PASO, Sacramento Co., Calif.
One-story concrete school (3 classrooms, auditorium, office, library, boiler room, etc.).
Owner—Del Paso School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor—P. F. Bender, 1012 Del Paso Blvd., Sacramento.

Planned.
ADDITION Cost, $——
HAYWARD, Alameda Co., Cal.
Addition to girls' physical education department (new showers, etc.)
Owner—Hayward High School Dist.
Architect—Not Selected.
Further details will be announced at a later date.

Bids Wanted—To Close May 29, 2 P. M.
SCHOOL Cost, $26,000
BIG CREEK, Fresno Co., Calif.
One-story reinforced concrete elementary School.
Owner—Big Creek Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.

CONTRACT AWARDED
SAN FRANCISCO, Calif. — Permanent Waterproofing Co., 116 New Montgomery Street, at $652.75 awarded contract by Department of Public Works for waterproofing the boiler room at the Marina Junior High School, Fillmore Street, between Bay and Chestnut.
Complete bids published May 14th.

Contract Awarded
SCHOOL Cont. Price $60,900
AVENAL, Wings Co., Calif.
One-story brick elementary school (6 classrooms).
Owner—Reefe-Sunset School District.
Architect — Ernest J. Kump, Rowell Bldg., Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—R. W. Brown, 118 S. Kay St., Madera.
Complete bids will be published shortly.

Contract Awarded
ADDITION Cont. Price, $88,900
BAKERSFIELD, Kern Co., Calif.
Two-story reinforced concrete extension to library (plaster acoustic exterior finish, metal lath, and plaster interior partitions, concrete floors, steam heating system, Crane Company or equal plumbing goods, seasoned birch interior finish, tile roofing, etc.)
Owner—Kern Co. Union High School District.
Architect—Charles H. Biggar, Haberfielde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Henry Eissler, 2229 18th St., Bakersfield.
Complete bids follow:
Henry Eissler, Bakersfield.....$88,900
David J. Reed, Los Angeles..... 99,890
Opperman & Kampe, Bakersfield 106,500

BIDS WANTED
LIVERMORE, Ala. Co., Calif.—Until June 1, 9 a.m., bids will be received by C. W. Mack, Clerk, Livermore Union High School District for reconstruction of the main building of the Livermore High School. Estimated cost $18,000. Plans prepared by Structural Engineer Harold B. Hammill, 381 Bush Street, San Francisco. Plans and specifications may be obtained from the Clerk.

CONTRACT AWARDED
WASCO, Kern Co., Calif.—Williams & Greenough, Bakersfield, have been awarded a contract at $5275 by the Wasco Union School District, Kern County, for the construction of an addition to the Wasco union school. The addition will be 41x29 feet in area and will contain two rooms, frame and stucco construction, wood floors, etc. Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield. architect.

Contracts Awarded
RESIDENCE HALL Cost, $275,000
PULLMAN, Wash. Campus of State College.
Four - story and basement reinf. concrete residence hall (brick panel walls, etc.) 168x160 feet.
Owner—State of Washington.
Architect—S. A. Smith, State College, Pullman.
Contractor—Hoard Engr. Co., McDowall Bldg., Seattle, $244,146.
Electric—J. J. Agutter and Co., 600 Harrison St., Seattle, $12,799.
Plumbing, Heating and Ventilating—Lord & Loryea, 4617 SE Milwaukie, Portland, $49,016.

BONDS VOTED
WATSONVILLE, Santa Cruz Co., Calif.—Roache School District voted bonds in the amount of $19,500 May 16 to finance construction of a one-story frame and stucco school building.
Preliminary plans prepared by Architect A. W. Story, Pajaro Valley Bank Bldg., Watsonville. *

Plans Being Figured—Bids Close June 5th, 8 P. M.
COLLEGE BLDG. Cost, $40,000
SANTA ROSA, Sonoma County, Calif.
Santa Rosa Junior College Campus
One - story Class B frame and brick veneer domestic science and commercial building (fourth unit) flat tile roof.
Owner — Santa Rosa Junior College District (Floyd Bailey, President) Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Bids Wanted—To Close June 1st, 8 P. M.
ADDITION Cost, $——
PORTERVILLE, Tulare Co., Calif.
Addition to high school building.
Owner—Porterville Union High School District (B. B. Kreider, Clerk).
Architect—W. D. Coates, 626 Rowell Bldg., Fresno.
Plans and specifications may be obtained from the clerk and from the architect upon deposit of $25.

Plans Being Figured—Bids Close June 4th, 8 P. M.
GYMNASIUM Cost, $25,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco gymnasium at high school.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plans and specifications may be obtained from the architects upon deposit of $15.00. The board of trustees will not be in a position to award contract until 90 days after date of opening bids and no bidder may withdraw his bid during that period, the award being contingent upon a bond election to be called after bids have been opened.

BIDS WANTED
ALAMEDA, Alameda Co., Calif.—Until June 2, 8 P. M., bids will be received by Wm. G. Paden, Secretary, Alameda Board of Education, Administration Bldg., Oak St. and Alameda Ave., for furnishing and delivering school furniture, equipment, and supplies and furnaces for the Alameda high school. Specifications may be obtained from above office. *

BONDS VOTED
HAWTHORNE, Nev. — Hawthorne School District voted bonds in the amount of $30,000 May 14. Proceeds to finance construction of an elementary school in Hawthorne, Nevada.

Plans Being Figured—Bids Close June 2nd, 4 P. M.
RECON. SCHOOL Cost, $——
OAKLAND, Alameda Co., Calif. 47th Avenue and Foothill Boulevard.
Reconstruct Fremont High School.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland. *

Material Bids Wanted—To Close June 5, 5:00 P. M.
RECON GYMNASIUM Cost, $3000
BERKELEY, Alameda Co., Calif.
Reconstruction of Willard Gymnasium.
Owner—Berkeley Board of Education.
Engineer—Thomas F. Chace, Berkeley Board of Education.
Labor being furnished by WPA.

Bids Opened.
LOCKERS, ETC. Cost, $——
ALBANY, Alameda Co., Calif.
Lockers, furniture, table and arm chairs, for high school building.
Owner—Albany High School District.
Architect—Dragon & Schmidtst, 2068 Allston Way, Berkeley.
Complete bids follow:
(1) Metal Lockers.
(2) Library Furniture.
(3)150 arm chairs.

Metal Lockers
J. W. Fricke & Co., 420 Market St., San Francisco.....$1186.04
Worley & Co., San Francisco.. 1195.28
C. J. Waterhouse Co., S. F..... 1185.28
Dwan & Co., San Francisco.... 1205.08
O. A. Nelson, Richmond..... 1207.88
Berger Mfg. Co., S. F..... 1229.35

Library Furniture
Rucker Fuller Co., 539 Market St., San Francisco.....$1262.75
Ink Ribbon Co., San Francisco 1295.00
C. M. Norgrove, Berkeley..... 1595.00
Remington Rand Co., S. F..... 1831.50
H. Milbradt, Richmond..... 1971.00

Arm Chairs
General Seating Co., 160 2nd St., San Francisco.....$1087.50
Ink Ribbon Co., San Francisco 1095.00
Heywood Wakefield Co., S. F... 1263.00
Rucker Fuller Co., S. F..... 1267.50
American Seating Co., S. F..... 1282.50
Bids held under advisement.

BIDS WANTED
TURLOCK, Stanislaus Co., Calif.—Until June 8, 8 P. M., bids will be received by the Turlock Union High School District for furnishing and installing heating system in the music building at the high school.
Plans prepared by Architect G. N. Hilburn, 1213 I St., Modesto.
Plans and specifications may be obtained from the architect. *

Contract Awarded
MUSIC BLDG. Contract Price, $9,202
TURLOCK, Stanislaus Co., Calif.
One - story frame and stucco music building.
Owner — Turlock Union High School District.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—H. A. Hubbard, 925 Columbia St., Turlock.
Complete bids follow:
(1) add for heating;
(2) add for linoleum;
(3) add for metal lath;
(4) add for asbestos shingle roof;
(5) add for tile roof.

H. A. Hubbard, Turlock		$9,055
	(1)	1,094
	(2)	1,105
	(3)	45
	(4)	137
	(5)	147
C. A Hillberg, Turlock		$9,519
	(1)	1,678
	(2)	1,480
	(3)	25
	(4)	176
	(5)	133
L. Ubels, Ripon		$10,525
	(1)	1,800
	(2)	1,625
	(3)	25
	(4)	235
	(5)	245

Johnson & Wherry, Turlock (3) $996.76
Osborne & Sons, Turlock....(3) $24.00
Alternate bid for tile roofing accepted. Heating bids rejected and new blds are being received June 8, 8 P. M.

CONTRACT AWARDED
LOS ANGELES, Cal.—J. E. Burrell 750 W Anaheim St., Long Beach, was awarded contract by the Los Angeles board of education at $44,704 (based on acceptance of alternate) for a two-story reinforced concrete girls' physical education building to be erected at the Richard Henry Dana junior high school, 1501 Cabrillo Ave., San Pedro. M. L. Barker and G. Lawrence Ott, 346½ S La Brea Ave. ,Los Angeles, architects, and Laurence J. Waller, 931 Micheltorena St., Los Angeles, structural engineer

16—BANKS, STORES AND OFFICES

CONSTRUCTION STARTED
PHOENIX, Arizona.—Del E. Webb Const. Co., 1633 W Jefferson, Phoenix, awarded contract and has started construction on a 1-story brick market building to be built at 402-412 Van Buren St., Phoenix, for A. J. Bayless. The building will be 83x100 ft. in area, cement floors, composition roofing, adjustable awnings; plastered interior walls, wood roof trusses, steel accordion type doors, flood lighting system, refrigerating equipment, paved parking area, etc. Cost, $25,000.

Planned.
STORE Cost, $4000
SANTA CRUZ, Santa Cruz Co., Calif. Mission and Vine Streets.
One-story frame store building.
Owner—Rosso Bros., 15 Mission St., Santa Cruz.
Architect—Not Given.

CONTRACT AWARDED
SACRAMENTO, Cal.—M. R. Carpenter, 907 Front St., Sacramento, at $1498 awarded contract by State Purchasing Department, Sacramento, for furnishing and installing air conditioning system in the Agricultural Pavilion building, State Fair Grounds, Sacramento.

Plans Being Figured.
BANK AND STORE Cost, $100,000
BURLINGAME, San Mateo Co., Cal.
One-story reinforced concrete bank and store building.
Owner—San Francisco Bank, 526 California St., San Francisco.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 853 Valencia St.
Alterations to restaurant.
Owner—Warm Belt Tavern, premises.
Architect—Not Given.
Contractor—Antone Petersen, 2750 San Bruno Avenue.

Contract Awarded
SALESROOM Cost, $6,500
SAN FRANCISCO. N Perry Street. 220 E Fifth Street.
One-story Class C salesroom bldg.
Owner—Herbst Bros., 1525 Mission St.
Engineer—W. H. Ellison, Pacific Bldg.
Contractor—F. R. Siegrist, 604 Mission Street.

Planned.
ADDITION Cost, $——
WATSONVILLE, Santa Cruz Co., Cal. Brannan and Fifth Streets.
Addition to automobile salesroom and garage building.
Owner—W. W. Bendell.
Architect—A. W. Storey, Pajaro Valley Bank Bldg., Watsonville.

Preparing Sketches.
STORE Cost, $250,000
SANTA ROSA, Sonoma Co., Calif. Fourth and D Streets.
Two-story store building (250x200 ft.)
Owner—Rosenberg Department Store Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Further details will be announced at a later date.

Planned.
ALTERATIONS Cost, $——
HANFORD, Kings Co., Cal. Irwin St. and Lacey Blvd.
Alterations to store building (decorating, fixtures, partition work, etc.)
Owner — Montgomery Ward & Co., Chicago, Ill.
Plans by Engineering Dept. of Owner.

Contract Awarded.
STORE Cost, $5000
SAN FRANCISCO. Donahue & Hudson Streets.
One-story frame and stucco store building.
Owner—Albert and Antoinette Gianfranceschi, 1878 Greenwich St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor — Lido Electric & Constr. Co., 559 Columbus Ave., S. F.

Contract Awaarded.
STORES Cost, $6000
OAKLAND, Alameda Co., Cal. No. 3330-3400 Fruitvale Avenue.
Two-story frame and stucco residence
Owner — H. Macquarrie, 3108 35th Ave., Oakland.
Architect—Not Given.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland.

Plans Being Figured.
ALTERATIONS Cost, $15,000
OAKLAND, Alameda Co., Cal. Fourth and Jackson Streets.
Addition to offices (steel frame and concrete joists, skylights, steel sash, glass, heating and electrical work, etc.)
Owner—Safeway Stores, Premises.
Consulting Structural Engineer—Jesse Rosenwald, 525 Market St., San Francisco.
Bids are being taken from a selected list of contractors.

Contract Awarded
ARLTERATIONS Cost, $2500
SAN FRANCISCO. No. 826 Mission Street.
Alterations to stores and lofts.
Owner—J. Malfanti et al.
Architect—Carl Geilfuss, 1095 Market St., San Francisco.
Contractor—Morse Phillips, 459 Bellevue Ave., San Francisco.

Bids Opened
MEDICAL BLDG. Cost, ...
VISALIA, Tulare Co., Calif.
Two-story frame and stucco or brick medical building.
Owner—Drs. Preston, Betts and Weiss, Visalia.
Architect—Judson Steele, Visalia.
Low Bidder—Harris Constr. Co., 557 McKinley St., Fresno.
Complete bids follow:
(1) add for brick construction.

Harris Constr. Co., Fresno		$23,133
	(1)	444
T. T. Godsey, Visalia		23,435
	(1)	1,250
J. J. Bedel, Visalia		25,000
	(1)	1,256

Bids held under advisement.

Contract Awarded
MEDICAL-DENTAL BLDG.
Contract Price, $19,335
MERCED, Merced Co., Calif. Nineteenth and M Streets.
One - story frame and stucco medico-dental building (5 doctors' suites) California style of architecture.
Owner—Dr. Chester A. Moyle, Merced
Architect—Charles Butner, 630 Pajaro Street, Salinas.
Contractor—C. N. Cameron & Son, P. O. Box 244, Merced.

Contract Awarded
CLEANING, ETC. Cost, $——
ALAMEDA, Alameda Co., Calif. 500 Park Avenue.
Cleaning exterior and interior walls, hall corridors, etc., at the Bank of America.
Owner—Capital Co., 625 Market Street San Francisco.
Plans by Construction Dept. of Owner
Contractor—L. W. Stein, 2318 9th St., Oakland.

Contract Awarded
BANK AND STORE Cost, $——
COLUSA, Colusa Co., Calif.
One - story reinforced concrete bank and store bldg. (gunite and terra cotta exterior, tile roof, air conditioning system, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Dept. of Owner
Contractor—H. H. Larsen Co., 64 So. Park, San Francisco.

Planned.
BANK Cost, $——
SACRAMENTO, Sacramento Co., Cal. Eleventh and J Streets.
New bank building.
Owner—American Trust Co., 464 California St., San Francisco.
Plans by Engineering Dept. of Owner. Further details will be announced at a later date.

Contract Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO No. 465 California Street.
Alterations to elevators in office bldg.
Owner—Merchants' Exchange Bldg.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor—Herman S. Meinberger, 956 Folsom St., San Francisco.

Plans Being Completed.
ALTERATIONS Cost, $50,000
SAN FRANCISCO. Cole and Haight Streets.
Remodel Haight Theatre.
Owner—Golden Gate Theatre Co., 25 Taylor Street.

Associated Architects — Jorgensen & Deichmann, 321 Bush Street.
Structural Engineer—L. H. Nishkaln, 525 Market Street.
Bids will be asked in one or two weeks.

Contracts Awarded.
ALTERATIONS Cost, $10,000
SALINAS, Monterey Co., Cal. No. 137 Main Street.
Alterations to Crystal Theatre.
Associated Architects — Jorgensen & Deichmann, 110 Sutter St., San Francisco
Contractor—Peter Sartorio, 666 Mission St., San Francisco.
Electric—Matson Electric Co.
Ventilating—Aladdin Heating Corp., 5107 Broadway, Oakland.
Marquee and Sign—Brumfield Electric Sign Co., 965 Folsom St., San Francisco.

17— THEATRES

CONTRACT AWARDED
GLENDALE, Los Angeles Co., Cal. —John Bibb, 118 N. Brand Blvd., Glendale, awarded contract for brick and concrete theatre building to be built at 417 N. Brand Blvd., Glendale, for Dr. O. A. Dieterich. The structure has been leased to Grove L. Smith. Seating capacity of 900 and will contain two stores ond offices, covering an area of 55x150 feet. Cost $86,000.

Preparing Plans.
ALTERATIONS Cost, $9500
SAN FRANCISCO. Richmond District
Alterations to theatre building.
Owner—Withheld.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.

Plans Being Prepared.
THEATRE Cost, $100,000
WOODLAND, Yolo Co., Cal. North Main and College Streets.
New theatre building (replace structure recently destroyed by fire).
Owner—National Theatre Syndicate, 25 Taylor St., San Francisco.
Architect—S. Chas. Lee, 25 Taylor St. San Francisco, and 2404 W 7th St., Los Angeles.

18— WHARVES & DOCKS

BIDS WANTED
SAN JOAQUIN COUNTY, Cal.—Until June 8, 11 A. M., bids will be received by the San Joaquin County Board of Supervisors, Eugene D. Graham, Clerk, Court House, Stockton, for the construction of ferry landings at the Rindge Tract Ferry, across Disappointment Slough between Bishop Tract and Rindge Tract, about ten miles northwest of Stockton on the King Island Road. Estimated cost, $3,000.
The work involves:
(1) 1734 l.f. pile treated with creosote
(2) 16,382 FBM Redwood timber;
(3) 8,008 FBM Douglas fir.
Plans and specifications obtainable from the office of County Surveyor Julius B. Manthey, 105 S. Sutter St., Stockton. *

BIDS OPENED
SAN FRANCISCO—Healy Tibbitts Constr. Co., 64 Pine St., at $44,962 submitted low bid to Public Utilities Commission for furnishing and erecting hydraulic plants for ferry slips on shoals fill northwest of Yerba Buena Island in San Francisco Bay. Shoals Contract No. 3
Only other bids was submitted by the United Iron Works, at $47,750
Bids held under advisement

BIDS WANTED
HICKAM FIELD, T. H.—Until June 4, 1:30 P. M. P.S.T. and 11 A. M., H.S.T., bids will be received by the Constructing Quartermaster, Fort Mason, San Francisco, and Purchasing and Contracting Officer, Hickam Field, T. H., for constructing dock, boathouse and mole, including utilities at Hickam Field, T. H. Estimated cost, $85,000.
Plans and specifications may be obtained from above address upon deposit of $10.00. *

19—MISC. CONSTRUCTION

May 15, 1936

BIDS WANTED
BONNEVILLE DAM, Oregon—Until June 3, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-36-362, for the installation of a complete ventilating system in the Bonneville Power house at Bonneville
Work consists of the manufacture and installation of a ventilating plant complete with fans, motors, air washers, pumps, air heaters, thermostats ducts, dampers, grilles, doors, etc.
Plans and specifications obtainable from the above office. 19

PROPOSAL DEFEATED
NAPA, Napa Co., Calif.—Proposal to endorse acquisitions of municipal electric light and power plant defeated at special election by vote of 1538 to 704.

CONTEMPLATED
FRESNO COUNTY, Cal.—The Fresno County Board of Supervisors will hold a hearing May 26, 2 P. M., on a petition for creation of the Caruthers Public Utility District for the construction of municipal improvements.

BOND ELECTION
BAKERSFIELD, Kern Co., Calif.—Bakersfield City Council has tentatively set July 21 as the date for calling an election for the purpose of voting bonds in the sum of $117,580, for the construction of three swimming pools at an estimated cost of $98,580 and the purchase of property adjoining Beale Park, at a cost of $19,000.

LOW BIDDER
PHOENIX, Ariz.—C. F. Crittenden, 526 W Holly St., Phoenix, submitted low bid at $13,292 to the Phoenix city commission for construction of a municipal bath house at the 12th St. and Palm Lane Park.

PLANNED
SANTA BARBARA, Cal.—The Santa Barbara city council has authorized the city engineer to prepare a cost survey for enlarging a municipal swimming pool, 50 ft. in length, and altering the Plaza del Mar building for housing filtration and chlorinating plant. Bonds in the sum of $43,000 are available for financing the project.

BIDS WANTED
FORT BAKER—Until May 25, 10 A. M., bids will be received by the Signal Officer, Presidio of San Francisco, under Bid No. C.P. 1084 SC 36-3, for installing 50 pr. 19 ga. steel tape armored telephone cable from present manhole No. 39 to present submarine cable terminal hut, Fort Baker, a distance of approximately 1900 feet. Trench to be dug 24-in. deep, excepting where crossing roads. Where roads are crossed, cable will be placed 30-in. below present surface and encased in 2½-in. galvanized iron pipe. The cable will be furnished by the Signal Corps.
Plans and specifications obtainable from the above office.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED
OAKLAND, Cal. — Johns-Manville Sales Co., 1605 Jefferson St., Oakland, at $4900 awarded contract by the East Bay Municipal Utility District, Oakland, under Spec. No. L.S. 171, for furnishing 5000 lin. ft. 8-in. diam. asbestos cement water pipe. *

CONTRACT AWARDED
OAKLAND, Cay. — Harnischfeger Sales Corp., 82 Beale St., San Francisco, at $950 awarded contract by the East Bay Municipal Utility District, Oakland, under Informal Proposal No. 703, for furnishing 10,000 lbs, of electric welding electrodes.

CONTRACT AWARDED
DENVER, Colo.—The Following contracts awarded by the Bureau of Reclamation, Denver, under Spec. No. 781-D, for furnishing two 42-in. diameter welded plate-steel outlet pipes for installation in the outlet works of Moon Lake Dam, Moon Lake Project, Utah; and two welded plate-steel outlet pipes, one 72-in. dia. reducing to 57-in. dia. and one 57-in. diameter throughout, for installation in the outlet works of the Taylor Park Dam, Uncompahgre Project, Colo.:
Utah Welders, Salt Lake City, $6,498.96 for two 42-in. pipes.
J. W. Beam, Denver, $13,190 for one 57- and one 72-in. pipe.

BIDS OPENED
BERKELEY, Alameda Co., Calif.—Following bids received by the Berkeley City Council, Florence Turner, City Clerk, for furnishing rock and screenings for the fiscal year:
Alt. 1: Carload lots fob Corp. Yard;
Alt. 2: Fob trucks, bidder's plant;
Alt. 3: Delivered in bidder's truck dumped on any city street.
Blake Bros. Co., San Francisco: plant, Point Richmond: Alt. 1 (a) crusher run, $1.12 per ton; (b) macadam rock, $1.43 per ton; (c) concrete rock, $1.43 per ton; (d) screenings No. 1, $1.43 per ton; (e) screenings No. 2, $1.635 per ton; Alt. 2 (a) $0.72; (b) $1.03; (c) $1.03; (d) $1.03; (e) $1.24.
Hutchinson Co., Oakland: plant, El Cerrito: Alt. 1 (a) $1.12; (b) $1.43; (c) $1.43; (d) $1.43; (e) $1.635; Alt. 2 (a) $0.72; (b) $1.03; (c) $1.03; (d) $1.03; (e) $1.34 Alt. 3: (a) $1.12 (b) $1.43; (c) $1.43; (d) $1.43; (e) $1.74.
Rhodes & Jamieson, Ltd., Alameda: Alt. 3: (b) $1.715; (c) $1.715 (d) $1.715.
Bids held under advisement.

CONTRACT AWARDED
ALL-AMERICAN CANAL—Virginia Bridge Co., Roanoke, Va., at $40,086.91 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 670, for furnishing structural steel for the railroad bridge at Station 1029 plus 48.58 and for the highway bridge at Station 1035 plus 47, of the All-American Canal, Boulder Canyon Project

CONTRACTS AWARDED
BOULDER CITY, Nev.—Contracts have been awarded by the Bureau of Reclamation, Denver, under Spec. No. 779-D, for furnishing and installing structural glass, marble and aluminum work for the Boulder Dam and Power Plant, as follows:
Sanitary Const. Co., Indianapolis, $12,700, Item 1.
Wesco Co., Ltd., Santa Ana, $1,534; Item 2.
All bids rejected on Item 3.
A. J. Bayer & Co., Los Angeles, $2,099.42; Item 4.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
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28.—Fire Equipment
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30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

COMPLETE BID LISTING

RIVERSIDE COUNTY, Cal.—D. A. Loomis, 676 W Salem St., Glendale, at $17,022.70, as previously reported, submitted low bid to the State Highway Engineer State Bldg., Los Angeles, for the construction of an overhead crossing over the tracks of the A. T. & S. F. Ry. in Riverside County, one mile north of Box Springs, consisting of one 37 ft., two 34 ft., and two 8 ft. spans.

The work involves:

(1) 350 c.y. structure excavation;
(2) 79,000 lbs. bar reinf. steel;
(3) 550 c.y. Class A Portland cement concrete (structures);
(4) 25 c.y. Class A Portland cement concrete (railing);
(5) One lot misc. items of work.

Total bids follow:

(A) D. A. Loomis, Glendale..$17,022.70
(B) John Oberg, L. A..... 18,890.00
(C) Oswald Bros., L. A..... 18,970.00
(D) Byerts & Dunn, L. A..... 19,260.00
(E) Robert D. Paterson, Santa Barbara 19,355.00
(F) J. E. Haddock, Ltd., Pasadena 19,680.00
(G) R. R. Bishop, Long Beach 20,668.00

Unit bids follow:

(A)	$2.43	$.0428	$20.40	$35.00	$696.00
(B)	2.50	.045	22.20	44.00	600.00
(C)	1.25	.053	22.75	60.00	333.00
(D)	1.50	.05	22.00	50.00	1435.00
(E)	2.00	.045	25.00	30.00	550.00
(F)	1.50	.045	25.00	50.00	600.00
(G)	2.00	.042	22.00	50.00	3250.00

LOW BIDDER

SAN DIEGO, Cal.—San Francisco Bridge Co., 503 Market Street, San Francisco, at $1.28 per c.y., submitted low bid and recommended for award of contract by the Public Works Officer, Headquarters, 11th Naval Dist., San Diego, under Spec. No. 8210, for approximately 1,000 c.y. of dredging in two areas at the Naval Operating base (fuel depot), San Diego.

CONTRACT AWARDED

LOS ANGELES, Cal.—Consolidated Steel Corp., 6500 E Slauson Ave., at $51,495.10 awarded contract by the U. S. Engineer 751 S Figueroa St., for furnishing 940,000 lbs. fabricated steel and all other metal work incidental to the steel frame work in the superstructure for five highway and two railroad bridges in Los Angeles and vicinity, each item shop painted and delivered at the bridge site ready for erection. Circ. Prop. No. 633.

The items are:

(1) 24,000 lbs. steel for S. P. Duarte branch R. R. bridge, furnished fully fabricated;
(2) 18,000 lbs. steel for Grand Ave. bridge, furnished fully fabricated.
(3) 41,000 lbs. steel for Marshall St. bridge, furnished fully fabricated.
(4) 43,000 lbs. steel for Hellman Ave. bridge, furnished fully fabricated.
(5) 54,000 lbs. steel for Saxon Street bridge, furnished fully fabricated.
(6) 200,000 lbs. steel for Mountain St. bridge, furnished fully fabricated.
(7) 560,000 lbs. steel for P. E. Inglewood line R. R. bridge, furnished fully fabricated.

The total bids were:

(A) Consolidated Steel Corp., $51,495.10.
(B) Bethlehem Steel Co., $53,049.10.

The Unit bids were:

(1).....	$ 1,581.60	$ 1,555.20
(2).....	946.00	970.20
(3).....	2,045.90	2,082.80
(4).....	2,184.40	2,283.30
(5).....	2,662.20	2,613.60
(6).....	10,380.00	10,560.00
(7).....	31,696.00	32,984.00

SUB CONTRACTS AWARDED

CLACKAMAS COUNTY, Oregon—Parker-Schram Co., Couch Building, Portland, general contractor for construction of a $289,416 steel and concrete undercrossing to carry the Southern Pacific Company's trucks over the Pacific Highway at Oregon City, Clackamas County, has awarded the following sub-contracts:

Structural Steel: Poole & McGonigle, Inc., 6330 N. E. Halsey, Portland.

Reinforcing Steel: Soule Steel Co., 2727 NW 35th, Portland.

CONTRACT AWARDED

SAN BENITO COUNTY, Calif.—Lord & Bishop, Native Sons Bldg., Sacramento, at $3850 awarded contract by the State Highway Commission, Sacramento, for salvaging and moving 120 ft. bridge from Pacheco Creek to San Benito River, and salvaging 100 ft. bridge at San Benito River.

CONTRACT AWARDED

ALL-AMERICAN CANAL.—D. H. Ryan, 1615 Fern St., San Diego, at $155,447 awarded contract by Bureau of Reclamation, Federal Bldg., Yuma, under Spec. No. 665, for the construction of a railroad bridge at Station 1029, a highway bridge at Station 1035 and the Araz Wash overchute at Station 1042 of the All-American, Boulder Canyon Project, located about 6 miles northwest of Yuma.

CONTRACT AWARDED

LOS ANGELES, Calif.—E. S. and N. S. Johnson, P. O. Box 240, Pasadena, at $19,719 awarded contract by the Los Angeles county supervisors for construction of a reinforced concrete arch bridge to be constructed on the Camp Bonita - Prairie Fork Road (Bridge No. 5), over the east fork of the San Gabriel River. The proposed structure will have an arch span of 84 ft. with a rise of 53 ft. 6 in. and a width of 18 ft. The total length of the bridge, including the arch span, is 166.93 ft. W. B. Armstrong, county bridge engineer. The bids were opened May 11.

CAPITAL CITY TITLE COMPANY

J. C. PALEN.
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

MARICOPA COUNTY, Ariz.—Until May 22, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for the construction of a reinforced concrete underpass and approaches in the town of Wickenburg, Ariz. The work is to be completed on or before Feb. 28, 1937.

The items are:

18,360 c.y. structural excavation;
16,170 sta. yds. overhaul;
216 l.f. CMP (various sizes);
694 l.f. plain concrete pipe (do);
690 l.f. reinf. concrete pipe;
1,475 c.y. concrete;
198,000 lbs. reinf. steel;
21,000 lbs. reinf. steel;
1,800 l.f. vitrified clay pipe;
4,513 l.f. various types curbs and gutters;
1,748 s.y. concrete pavement;
1,735 s.f. concrete sidewalk;
5 manholes;
760 l.f. road guard;
64 tons asphaltic sidewalk;
1,339 tons cutback mix;
18 tons emulsified asphalt;
electric lighting system;
membrane and asphaltic plank waterproofing;
placing and removing shoofly embankment;
Alternate Waterproofing
membrane and sand asphalt waterproofing;
Alternate Concrete—Sidewalk Items
1,678 tons aggregate base course;
7,480 s.f. concrete sidewalk;
and other incidental items.

Plans may be obtained at the office of the Arizona Highway Department, 17th Ave. and Jackson St., Phoenix. Certified or cashier's check for 5 per cent must accompany each bid. T. S. O'Connell, state highway engineer.

PREPARING PLANS

LOS ANGELES, Calif.—City Bridge Engineer R. W. Stewart is preparing plans for a reinforced concrete bridge to be constructed across the Loss Angeles River at Victory Blvd. and the realignment of the highway at that point. The bridge will be 380 ft. long and 56 ft. wide, including a 44-ft. roadway and two 5-ft. sidewalks. The estimated cost is $250,000. Application will be made to the PWA for 45% of the cost, the balance to come from the gas tax funds.

NOTICE TO BIDDERS

ALAMEDA COUNTY, Cal.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the lay out and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue line prints for the work

now adverised, bids to be opened in Sacramento on June 10:

IV-Ala-5-107-C & A. Near Niles, six undergrade crossing structures under the tracks of the S. P. and the W. P. Railroads and one bridge to be constructed and 2.89 miles of highway to be graded and paved. (PLANS) No. of sheets, 60; cost, $6.00 (CROSS-SECTIONS) No. of Sheets, 58; Cost, $5.80; Total, $11,80.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office o. the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

BIDS WANTED

STOREY COUNTY, Nevada.—Until June 3, 2:45 P. M., bids will be received by the Nevada State Highway Directors, Robt. A. Allen, State Hignway Engineer, Heroes Memorial Bldg. Carson City, for the construction of a concrete and steel overpass over the Virginia & Truckee Railway near Virginia City, Route 17, Section B, a length of approximately 0.013 mile.

The work involves:
(1) 225 c.y. structure excavation;
(2) 0.013 mile finish roadway;
(3) 59 c.y. Class A concrete;
(4) 59 c.y. Class D concrete;
(5) 17,300 lbs. reinforcing steel;
(6) 22,900 lbs. new structural steel;
(7) 47,200 lbs. place structural steel;
(8) 19 c.y. cement rubble masonry.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco. 1

CONTRACT AWARDED

EUREKA, Humboldt Co., Calif.—Eureka Boiler W'ks, Eureka, at $294.-50 awarded contract by the Forest Service, Phelan Bldg., San Francisco, under Bid No. 822, for furnishing one 30-ft. steel beam span for the Somes Bar bridge.

The other bids were:

Golden Gate Iron Works, S. F.	$280
Judson Pacific Co., S. F.	289
Herrick Iron Works, Oakland	294
Schrader Iron Works, S. F.	299
Independent Iron Works, Oakland	303
Western Iron Works, S. F.	320
Bethlehem Steel Co., S. F.	346
Moore Dry Dock Co., Oakland	398

CONTEMPLATED

NEWPORT BEACH, Orange Co., Cal.—Application of L. W. Briggs and J. A. Beek for approval of plans for construction of a vehicular bridge across Harbor Island Channel, Newport Bay, from Harbor Island to the main land northerly thereof, will be considered at a public hearing on the subject, to be held by Maj. Theodore Wyman, Jr., District Engineer, U. S. Engineer Office, in the Council Chamber, City Hall, Ocean Ave. and McFadden Place, Newport Beach, May 25, 10 A. M.

The bridge, with total length of 179.44 feet, is to extend between the proposed bulkhead lines along Harbor Island Channel, is to be a fixed type structure with wooden deck supported on concrete piles, except that the central span is to be supported on timber piles. The central span will have a clear width of 20 feet and a vertical clearance of 14.5 feet above mean lower low water.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until June 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Southern Pacific Railroad at Jibboom Street in Sacramento.

The work involves:
(1) 20 M. gallons water;
(2) 1,250 c.y. structure excavation;
(3) 1,500 c.y. imported borrow;
(4) 700 s.y. subgrade for pavement;
(5) 90 c.y. Class A Portland cement concrete (pavement);
(6) 350 each, pavement dowels;
(7) 200,000 lbs. bar reinf. steel;
(8) 1,535 c.y. Class A Portland cement concrete (structures);
(9) 870,000 lbs. carbon struc. steel;
(10) 64,000 lbs. silicon struc. steel;
(11) 15,900 lbs. cast steel;
(12) 2,190 l.f. pipe hand railing;
(13) 15,130 lin. ft. furnishing treated Douglas fir piles, including test piles;
(14) 301 each, driving treated Douglas fir piles, inc. test piles;
(15) 70 c.y. Class A Portland cement concrete (curbs, gutters, and sidewalks);
(16) 1 lot lighting equipment;
(17) 1 lot misc. items of work.

NOTE—This call for bids supersedes one previously issued for opening on **May 27.**

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville. 1

22—DREDGING, HARBOR WORKS, EXCAVATION

CONTEMPLATED

OXNARD, Ventura Co, Cal.—A proposal to annex a 4-mile strip of land extending to Hueneme, to enable Oxnard to qualify for PWA harbor development funds, was approved at a special election May 12. The vote was 1092 to 19. Oxnard has requested a federal grant of $792,000, or 40% of the proposed $1,980,000 harbor project. Under the federal rules, the city making the application for harbor funds must be contiguous to the ocean. The annexation provides the qualification 1

BIDS WANTED

SEATTLE, Wash.—Until June 11, 3 p.m., bids will be received by the U. S. Engineer Office, 412 Federal Office Bldg., Seattle, Lieut. Col. H. J. Wild, District Engineer, for completing the reconstruction of the south jetty at Grays Harbor. Total cost is estimtaed at $4,000,000 but only $1,-000,000 is available at the present time.

A contract for preliminary work on rebuilding the jetty was awarded Columbia Constr. Co., Portland, at $450,000, last year.

The work involves:
(1) 235,000 l.f. Douglas fir piling in place.
(2) 22,300 l.f. Douglas fir piling cut off.
(3) 2215 MFBM lumber.
(4) 54,500 lbs. bolts.
(5) 111,800 lbs. machine bolts and washers.
(6) 144,000 lbs. boat and wire spikes.
(7) 41,300 lbs. railroad spikes.
(8) 522 tons of 65 lb. rail with splice bars and bolts.
(9) 16,900 railroad ties.
(10) 6 complete turnouts.
(11) 84,000 l.f. wire cable not less than ⅝-in. in diam.
(12) 2,800 steel straps on jetty tramway.
(13) 5,570 metal pile shoes.
(14) 7,500 anti-rail creepers.
(15) 300 c.y. embankment in place.
(16) 1,290,020 tons stone in jetty, including maintenance stone.

Plans and specifications obtainable from the above office.

May 21, 1936

TO ASK BIDS SHORTLY

SACRAMENTO, Cal.—Bids will be asked within ten days by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-36-250, for levee construction, including the setting back, raising and strengthening of the existing levee and construction of new levee along the easterly side of the Sacramento River from a point about 0.3 mile north of Moulton Weir, upstream to a point where the Princeton-Butte City road crosses the east levee of the Sacramento River, a distance of approximately 7.2 miles.

The work will involve approximately 390,000 c.y. of earth in embankment. 22

23—IRRIGATION PROJ.

BIDS OPENED

MODESTO, Stanislaus County, Calif. —Following bids received by the Board of Directors of the Modesto Irrigation District, C. S. Abott, Secretary, for construction work in Improvement District No. 35:

Stanislaus Concrete Products Co., Modesto: machine made pipe, $2,692.59.

United Concrete Pipe Corp., Modesto: machine made pipe, $2,583.06.

Wissner & Beiler, Modesto: built in cement pipe (forms and poured) 20-in, $2409.96; 24-in., $1720.26.

T. C. Tunsen, Modesto: built in cement pipe (do) 24-in., $2,870.23.

The work involves:

SCHEDULE No. —. Consisting of approximately .... sq. ft of 2-in. thick concrete canal lining.

SCHEDULE No. 1. Consisting of aproximately 3103 feet of 20-in. concrete pipe line. Alternate 3103 feet of 24-in. concrete pipe line.

SCHEDULE No. 2. Consisting of approximately 3 concrete structures, a total of 1¼ cu. yds. of concrete.

SCHEDULE No. 3. Consisting of approximately 33 concrete structures, a total of —— cu. yds. of concrete 16 8-in., 3 16-in., 2 20-in. K. T. valves and following pipe—80-ft. 18-in., 50-ft. 12-in., 48-ft., 14-in., 10-ft. 16-in., 40-ft. 20-in., 18 ft. 24-in., 6 ft. 30-in.

(Note)—The work in the preceding schedule is to be paid for in cash by property owners desiring same.

SCHEDULE No. 4. Consisting of approximately 30 lineal feet of 12-in. diameter concrete pipe.

SCHEDULE No. —. Consisting of approximately .... Calco Screw Gates.

Bids held under advisement

PERMITS ISSUED

SACRAMENTO, Calif.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during the month of April, 1936:

4720 (Application 8543 (Stanislaus Co.) issued to Louis Cresclo and E. Rolleri, San Francisco, for 1.7 cfs from Tuolumne river, for use in mining and domestic purposes. Est. cost, $1000.

4721, App. 8530 (Sierra Co.) issued to Fred A. Carpenter, Strawberry Valley, for 3 cfs from Water Box Ravine for use for mining and domestic purposes.

4722, App. 8544 (Los Angeles Co.) issued to Harriet L. Worthington, Llano, for 130 gpd by direct diversion and 5000 gals. per annum by storage from Mescal Creek, for use for domestic purposes. Est. cost, $100.

4723, App. 7243 (Riverside County) issued to Geo. E. Sala, Riverside, for 0.037 cfs from unnamed spring for use for domestic purposes and irrigation of 12 acres. Est. cost, $500.

4724, App. 8578 (Los Angeles Co.) issued to Harry M. Miller, Littlerock, for 0.05 cfs from an unnamed spring for use for domestic purposes and irrigation of two acres.

4725, App. 8442 (San Bernardino Co.) issued to Rose Mines, Inc., San Bernardino, for 0.045 cfs from three unnamed springs for use for mining and domestic purposes. Est. cost, $1000.

4726, App. 8540 (Los Angeles Co.) issued to Laura M. Hess, Los Angeles for 20,000 gpd from a small gulch for use for domestic purposes and irrigation of 4 acres. Est. cost, $1000.

4727, App. 8568 (Mono Co.) issued to State Dept. of Public Works, Division of Highways, Sacramento, for 3250 gpd from an unnamed spring for use for domestic purposes. Est. cost. $264.50.

4728, App. 8364 (Siskiyou Co.) issued to W. J. Callick, Yerka, for one cfs from Middle Fork Humbug creek, for use for mining purposes. Est. cost. $300.

4729, App. 8537 (Tulare Co.) issued to U. S. Sequoia National Forest, Porterville, for 800 gals. per day from Nelson Fork of Middle Tule River. for use for domestic and fire protection purposes. Est. cost, $400.

APPLICATIONS FILED

SACRAMENTO, Calif.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during April, 1936:

8631 (Glenn County) Maxwell Irrigation District, 1714 10th St., Sacramento, for 70 cfs from Sacramento river to be diverted for irrigation purposes on 2000 acres. Est. cost, $4000.

8632 (Inyo Co.) A. J. Isreal, Lone Pine, for 50 gpm from an unnamed spring to be diverted for mining and domestic purposes. Est. cost, $3500.

8633 (San Joaquin Co.) Herman F. and Frieda Strecker and Anita McIsaac, Stockton, for 2.804 cfs from the San Joaquin river to be diverted for irrigation purposes on 224.32 acres. Est. cost, $10,000.

8636 (Del Norte Co.) Fred Wahl, Los Angeles, for 50 cfs from Hurdy Gurdy Creek tributary to South Fork Smith River to be diverted for mining purposes. Est. cost, $25,000.

8637 (Del Norte Co.) B. T. Wilkie, Los Angeles, for 50 cfs from Granite. Growler and an unnamed creek tributary to Hurdy Gurdy Creek, to be diverted for mining purposes. Est. cost $15,000.

8638 (Del Norte Co.) B. T. Wilkie, Los Angeles, for 100 cfs from Jones Creek, tributary to South Fork of Smith River, to be diverted for mining purposes. Est. cost, $50,000.

8642 (San Benito Co.) Hollister Irrigation Dist., Hollister, for 50 cfs from Dos Picachos Creek tributary to Pajaro River to be diverted for irrigation and domestic purposes on 31-000 acres.

8647 (Amador County) Sierra Mountain Water Co., 410 E Market Street, Stockton, for 300,000 ac. ft. per annum from Cosumnes River, to be diverted for power purposes, 1380 theo. hp. to be developed.

8647 (Amador Co.) Sierra Mountain Water Co., 410 E Market Street, Stockton, for 300,000 ac. ft. per annum from Cosumnes River, to be diverted for municipal purposes in the area of the city of Stockton.

24— STREET LIGHTING SYSTEMS

AWARD RECOMMENDED

PRESIDIO OF SAN FRANCISCO—H. S. Tittle Co., 85 Columbia Square, at $1,191 submitted low bid and recommended for award of contract by Captain S. W. Hulse, Constructing Quartermaster, Fort Mason, for installation of a flood lighting system at Crissy Field, Presidio of San Francisco.

Complete bids follow:

H. S. Tittle Co., S. F. $1,191.
R. Flatland, S. F., $1,274.
Underground Constr. Co., Berkeley, $1,977.

25—MACHINERY AND EQUIPMENT

COMPLETE BID LISTING

LOS ANGELES, Cal.—Bids for furnishing synchronous motors for the Colorado River aqueduct pumping plants, under Spec. No. 153, were opened by the Metropolitan Water District May 12. The motors to be furnished are:

(1) 6 motors, 6700-kw., 9000-hp., for Intake and Gene;
(2) 3 motors, 3200-kw., 4300-h.p., for Iron Mountain;
(3) 6 motors, 9300-kw., 12,500-h.p. for Eagle Mountain and Hayfield.

The bids were taken as follows:

(1) price for 6 motors for Intake and Gene plants;
(a) use tax;
(b) total;
(c) shipping wt., each unit;
(d) shipping wt., heaviest part;
(e) shipping wt., spare parts;
(2) price for 3 motors for Iron Mountain plant;
(a) (b) (c) (d) (e) as above;
(3) price for 6 motors for Eagle Mt. and Hayfield plants.
(a) (b) (c) (d) (e) as above;
(4) deductions and combinations, no bids;
(5) services of erecting engineer, per diem.

The bidders were:

(A) Westinghouse Electric & Mfg. Co. fob Pittsburgh, Pa.; no discount.
(B) Allis-Chalmers Mfg. Co., fob Milwaukee, Wis.; no discount.
(C) General Electric Co., fob Schenectady, N. Y.; no discount.

The bids follow:

	(A)	(B)	(C)
(1)	$705,711.00	$700,000.00	$ 673,552.00
(a)	21,171.00	21,000.00	20,206.56
(b)	726,882.00	721,000.00	693,758.56
(c)	*223,300	*200,000	*1,120,230
(d)	* 73,700	* 68,000	* 86,250
(e)	* 17,200	* 23,000	* 28,026
(2)	$316,711.00	$280,000.00	$ 311,919.00
(a)	9,501.00	8,400.00	9,357.57
(b)	326,212.00	288,400.00	321,276.57
(c)	*174,100	*140,000	* 384,350
(d)	* 50,050	* 38,000	* 75,000
(e)	* 12,750	* 13,480	* 23,700
(3)	$761,711.00	$809,000.00	$ 780,575.00
(a)	22,851.00	24,270.00	23,417.25
(b)	784,562.00	833,270.00	803,992.25
(c)	*251,400	*225,000	*1,276,350
(d)	* 88,000	* 82,000	* 105,400
(e)	* 21,200	* 27,500	* 28,750
(4)	$	$	$ .....
(5)	$ 25.00	$ 25.00	$ 25.00

CONTRACTS AWARDED

LOS ANGELES, Cal.—Contracts for furnishing synchronous motors for the Colorado River aqueduct pumping plants under Specification No. 153 were awarded by the Metropolitan Water District as follows:

General Electric Co., six motors, 6700-kv., 9000-hp. for Intake and Gene at $693,758.56; fob Schenectady, N. Y.

Allis-Chalmers Mfg. Co., 3 motors, 3200 kv., 4300 hp., for Iron Mountain, at $288,400; fob Milwaukee, Wis.

Westinghouse Electric & Mfg. Co., six motors, 9300 kw, 12,500 hp., for Eagle Mountain and Hayfield, at $784-562; fob Pittsburgh, Pa.

The above prices include the use tax.

CONTRACT AWARDED

LIVERMORE, Alameda Co., Cal.—Enterprise Engine Corp. at $4,250.00 awarded contract by the Veterans' Administration Facility, E. W. Tallman, Business Manager, Livermore, under Bid No. 164, for furnishing a diesel engine.

BIDS OPENED

ALCATRAZ ISLAND, Cal.—Bids for furnishing an automatic air compressor under Bid No. PI-135, were opened by the Bureau of Prisons, Alcatraz Penitentiary, J. A. Johnston, Warden, May 19, as follows:

(1) Single stage air compressor with 80-gal. tank;
(2) Do with 100-gal. tank;
(3) Two stage air compressor with 80-gal. tank;
(4) Do with 100-gal tank.

Hallett Mfg. Co.: (3) $429.75; (4) $439.75.

Curtis Pneumatic Machinery Co.: (1) $444.50; (2) $451.94; (3) $563.50; (4) $570.94.

Ingersoll-Rand Co.: (3) $411.33.

Gardner-Denver Co.: (1) $466.10; (2) $473.64; (3) $561.45; (4) $569.68.

Worthington Co.: (3) $447.30; (3-Alt.) $458.64; (4) $461.70; (4-Alt.) $473.04.

CONTRACT AWARDED

JACKSON, Amador Co., Cal.—Oneto Bros., Sutter Creek, at $1462 50 submitted only bid and awarded contract by the Amador County Board of Supervisors for furnishing one 2-ton truck, 151-in. wheel base.

BIDS OPENED

BOULDER CITY, Nev.—Following bids received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 680, for furnihhing four 55,000-kv.a, 60-cycle, single-phase, water-cooled 16,400 to 132,950/23,000-volt Y transformers for installation in the Boulder power plant:

Westinghouse Elec. & Mfg. Co., Denver: (1) transformer shipping weight, 716,000 lbs.; (2) oil shipping weight, 280,000 lbs.; (3) current transformerts shipping weight, 360 lbs.; (4) heaviest part shipping weight, 127,000 lbs.; (5) bid price, transformer and oil, $391,040; (6) additional price-current transformers, $344; (7) delivery days, 310; f.o.b. Boulder City.

Allis Chalmers Mfg. Co., Milwaukee, Wisc.: (1) 860,000 lbs.; (2) 520,000 lbs.; (3) 300 lbs.; (4) 175,000 lbs.; (5) $401.-800; (6) $336; (7) 400; f.o.b. Boulder City.

General Electric Co., Schenectady, N. Y.: (1) 740,000 lbs.; (2) 400,000 lbs.; (3) 700 lbs.; (4) 125,000 lbs.; (5) $407,-760; (6) $345; (7) 320; f.o.b. Boulder City.

Bids held under advertisement.

28 — FIRE EQUIPMENT

TO ASK BIDS

FRESNO, Fresno Co., Cal. — The City Commission has authorized a call for bids for 5000 ft of fire hose to replace worn equipment. 28

29— STREETS AND HIGHWAYS

BIDS WANTED

SACRAMENTO CO., Calif.—Until June 8, 10 A. M., bids will be received by Sacramento County Board of Supervisors, Court House, Sacramento, for spreading 2100 tons of road rock on the Christensen Road between the Galt-New Hope Highway and the Wilder-Ferguson Road, a length of three miles.

The rock will be furnished by the County.

Plans and specifications obtainable from the office of County Engineer John Rooney.

BIDS WANTED

RIVERSIDE CO., Cal.—Until June 2 2 P. M., bids will be received by Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for furnishing and applying liquid asphalt on about 12.5 miles in Riverside County, between 12 miles

east of Desert Center and 2.2 miles west of Blythe, and between Routes 26 and 187.

The work involves:

(1) 285 tons liquid asphalt SC-2 (location A);

(2) 190 tons do (location B).

Plans and specifications obtainable from the above office.

BIDS OPENED

PLUMAS COUNTY, Calif.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $29,750.50 submitted low bid to the State Highway Commission, Sacramento, for about 5.6 miles grading and applying penetration oil treatment in Plumas County, between 4 miles east of Beckworth and Ede's Rranch.

The work involves:

(1) 450 M gals. water;
(2) 40,600 cu. yds. roadway excavation unclass.;
(3) 177,000 sta. yds. overhaul;
(4) 12,650 cu. yds. imported borrow;
(5) 410 cu. yds. struc. excav.;
(6) 297 sta. finishing roadway;
(7) 150 tons liquid asphalt SC-2;
(8) 75 tons liquid asphalt SC-4;
(9) 460 cu. yds. sand;
(10) 475 lbs. bar reinf. steel;
(11) 15 cu. yds. Class A Portland cement conc. (strucs.);
(12) 5 cu. yds. dry rubble;
(13) 100 cu. yds. rock slope protection
(14) 40 lin. ft. 18-in. CMP;
(15) 92 lin. ft 24-in. CMP;
(16) 96 lin. ft. 36-in. CMP;
(17) 200 lin. ft. CMP clean and relay;
(18) 14 each culvert markers;
(19) 29 each monuments.

NOTE—The State will furnish CMP as more explicitly set forth in the special provisions.

Total bids follow:

(A) Fredericksen & Westbrook, Lower Lake, $29,750.50.
(B) J. V. Galbraith & Don A. Canaveri, Santa Rosa, $31,068.35.
(C) Harms Bros., Sacramento, $32,-364.90.
(D) A. Teichert & Son, Inc., Sacramento, $33,977.00
(E) M. J. B. Const. Co., Stockton, $39,793.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$1.50	$2.00	$2.00	$2.00	$2.00
(2)	.23	.265	.31	.34	.35
(3)	.01	.008	.01	.01	.01
(4)	.66	.72	.62	.67	.08
(5)	1.10	.75	1.25	1.00	1.50
(6)	5.00	5.50	10.00	7.00	10.00
(7)	21.00	17.86	17.00	18.00	26.00
(8)	25.00	21.30	18.00	21.00	30.00
(9)	2.50	3.20	1.00	1.50	3.00
(10)	.10	.07	.08	.10	.10
(11)	40.00	28.00	35.00	35.00	40.00
(12)	10.00	12.00	15.00	16.00	15.00
(13)	4.00	2.50	2.00	3.00	3.00
(14)	.25	.50	1.00	.75	.80
(15)	.25	.50	1.10	1.00	1.00
(16)	.50	.60	1.20	1.25	1.00
(17)	1.00	.90	1.00	1.25	1.50
(18)	3.00	3.00	3.00	3.00	3.50
(19)	3.00	3.00	3.00	3.00	3.00

BIDS OPENED

MONO COUNTY, Cal.—Basich Bros. 20550 Normandle Ave., Torrance, at $119,350.50 submitted low bid to the State Highway Commission, Sacramento, for grading and surfacing with bituminous treated selected material in Mono County between two miles south of Rush Creek and two miles north of Leevining.

The work involves:

(1) 70 acres clearing and grubbing right of way;
(2) 5,400 M. gals. water;
(3) 96,300 c.y. rdwy. excav., unclass.
(4) 117,000 sta. yds. overhaul;
(5) 1,800 c.y. struc. excav.;
(6) 1,200 c.y. ditch excav.;
(7) 19,500 c.y. Type A imported borrow;
(8) 19,000 c.y. Type B do;
(9) 20 c.y. light riprap;
(10) 482 sta. finishing rdwy.;
(11) 225 tons liquid asph. SC-2 (prime coat);
(12) 21,500 tons of selected material (surfacing);
(13) 950 tons liquid asphalt SC-3 (bituminous treatment)
(14) 9.75 miles mixing, shaping and compacting bit. treated surf.;
(15) 100 tons liquid asph. MC-3 (seal coat);
(16) 875 tons screenings (seal coat);
(17) 26,500 lbs. bar reinf. steel;
(18) 265 c.y. Class A Portland cement concrete (struc.);
(19) 352 l.f. 18-in. CMP;
(20) 1,904 l.f. 24-in. CMP;
(21) 48 l.f. 24-in. CMP (close riveted and soldered);
(22) 50 l.f. 36-in. CMP;
(23) 68 l.f. 54-in. CMP;
(24) 21 l.f. cleaning and relaying CMP culverts;
(25) 38 l.f. cleaning and salvaging do;
(26) 1 each existing headwalls to be removed and disposed of;
(27) 9.5 miles new property fences (standard);
(28) 2.15 miles do (hog tight);
(29) 22 each drive gates;
(30) 0.92 mile existing fences to be removed and disposed of;
(31) 1 each cast steel frame and grating;
(32) 2 each cattle guards;
(33) 123 l.f. laminated guard railing;
(34) 33 each culvert markers;
(35) 86 each guide posts;
(36) 112 each monuments complete in place.

Total bids follow:

(A) Basich Bros., Torrance, $119,-350.50.
(B) Isbell Const. Co., Reno, $145,-434.95.
(C) George Pollock, Sacramento, $162-210.25.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 75.00	$ 50.00	$ 10.00
(2)	.75	1.00	1.25
(3)	.30	.35	.35
(4)	.005	.01	.01
(5)	1.10	1.50	1.50
(6)	.50	.50	1.25
(7)	.30	.44	.70
(8)	.40	.47	.80
(9)	6.00	5.00	4.00
(10)	6.00	10.00	10.00
(11)	11.00	18.00	18.00
(12)	.45	.75	1.00
(13)	15.00	22.00	21.50
(14)	500.00	700.00	550.00
(15)	18.00	26.00	28.00
(16)	1.75	1.30	1.25
(17)	.07	.07	.06
(18)	25.00	28.00	33.00
(19)	3.90	1.80	1.75
(20)	3.70	2.70	2.75
(21)	4.20	3.50	3.50
(22)	6.42	5.50	5.00
(23)	9.35	8.60	9.00
(24)	.50	1.00	1.00
(25)	.50	1.00	.75
(26)	10.00	10.00	25.00
(27)	600.00	480.00	600.00
(28)	700.00	650.00	750.00
(29)	16.00	22.50	25.00
(30)	100.00	150.00	100.00
(31)	40.00	110.00	30.00
(32)	175.00	250.00	250.00
(33)	1.75	1.25	1.00
(34)	2.50	3.00	3.00
(35)	2.50	3.50	3.00
(66)	2.50	3.50	4.00

BIDS OPENED

TULARE COUNTY, Cal.—Palo Alto Road Materials Co., 465 California Avenue, Palo Alto, at $24,401 submitted low bid to the State Highway Commission, Sacramento, for applying road-mix surface treatment to shoulders on about 24.6 miles and surfacing portions of existing pavement with armor coat, in Tulare County between westerly boundary and 4 miles east, and between Yettem and Lemon Cove.

The work involves:

(1) 500 tons liquid asphalt, SC-2;
(2) 87,000 s.y. preparing, mixing and shaping shoulders;
(3) 175 tons liquid asphalt, 90-95;
(4) 3,500 tons screenings.

Total bids follow:

(A) Palo Alto Road Materials Co., Palo Alto, $24,401.00.
(B) Stewart & Nuss, Inc., Fresno, $25,336.50.
(C) L. A. Brisco, Arroyo Grande, $27,-485.00.
(D) A. S. Vinnell Co., Los Angeles, $29,340.50.
(E) M.J.B. Const. Co., Stockton, $34,-788.75.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 9.50	$10.26	$ 9.87	$11.10	$12.00
(2)	.038	.047	.05	.044	.10
(3)	16.00	16.10	22.00	21.50	21.85
(4)	3.87	3.80	4.10	4.60	4.65

CONTRACT AWARDED

MONROVIA, Los Angeles Co., Cal. —J. H. Coombs, 428 N. Myrtle St., Monrovia, at $13,067 awarded contract by the Monrovia City Council for the improvement of Mayflower Avenue, from Huntington Drive to Duarte Rd. under cash contract.

NEW BIDS ASKED

CRESCENT CITY, Del Norte Co., Cal.—Until June 3, 11 A. M., new bids will be received by the Public Works Officer, Mare Island Navy Yard under Spec. No. 8187, for repairs to roadway leading from Crescent City to the Naval Direction Finder Station, Point St. George (Crescent City). Estimated cost, $3,000.

The Navy Department, Washington, D. C., has rejected the only bid received May 13, that of Helwig Construction Co., Sebastopol, at $6,500.

BIDS WANTED

BUTTE AND TEHAMA COUNTIES Cal.—Until June 11, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for applying bituminous treatment (light surface application) on about 25.783 miles of Sections F and G and portions of Sections A, B, C, D, and E of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Butte and Tehama Counties.

The work will require 572 tons of liquid asphaltic road material, Type-SC-2.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS OPENED

SAN DIEGO COUNTY, Cal.—Square Oil Co., 934 Adobe St., Los Angeles, at $5795 submitted low bid to the Division of Highways, E. E. Wallace. District Engineer, 1365 Harbor Blvd., San Diego, for furnishing and applying liquid asphalt to existing roadbed on about 23.8 miles in Imperial County, between Araz and Yuma, and bet. Seeley and Calexico.

The work involves:

(1) 105 tons liquid asphalt, MC-4, in place (Location A);
(2) 200 tons liquid asphalt, MC-4, in place (Location B).

The complete bids were:

Square Oil Co., (1) and (2) $19; total, $5795.

Paulsen & March, Los Angeles, (1) and (2) $20.65; total, $6298.25.

Gilmore Oil Co., Los Angeles, (1) and (2) $21.47; total, $6548.35.

Morgan Bros., Huntington Park, (1) and (2) $21.90; total, $6679.50.

Lamb's Transfer Co., bid irregular; not declared.

CONTRACT AWARDED

OAKLAND, Cal.—Independent Construction Co., 46th Ave. and Clement Sts., Oakland, at $52,325 awarded contract by the Oakland Port Commission for paving roadways leading

to the 504-ft. extension at Outer Harbor Terminal, a PWA project.

Complete bids published May 13.

BIDS WANTED

ALAMEDA CO., Calif.—Until June 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.4 miles grading and surfacing with crusher run base and plant-mixed surfacing in Alameda County between Folger Ave. and Camelia St.

The work involves:

(1) 20,000 c.y. rdwy. excav., unclass.
(2) 500,000 sta. yds. overhaul rdwy. excavation;
(3) 31,700 c.y. imported selected material;
(4) 78,400 mile yds. haul imported selected material;
(5) 260 c.y. struc. excav.;
(6) 120 sta. finishing rdwy.;
(7) 25,000 tons crusher run base;
(8) 58 tons liquid asph. SC-2 (prime coat);
(9) 9,690 tons mineral agg. (plant-mixed surf.);
(10) 484 tons liquid asphalt MC-5 or MC extra heavy (plant-mixed surface);
(11) 40 tons liquid asphalt MC-3 (seal coat);
(12) 555 tons stone screenings (seal coat and shoulders);
(13) 73 tons liquid asphalt SC - 1A (shoulders);
(14) 38 tons liquid asphalt SC - 2 (shoulders);
(15) 220 lbs. bar reinf. steel (struc.);
(16) 6 c.y. Class A Portland cement concrete (struc.);
(17) 7,700 tons riprap;
(18) 220 l.f. 12-in. CMP;
(19) 130 l.f. 12-in. vit. clay pipe;
(20) 400 each guide posts;
(21) Alterations to existing ferry pier.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles. •

BIDS WANTED

ALAMEDA and Contra Costa Cos., Cal.—Until June 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.1 miles grading and surfacing with crusher run base and plant-mixed surfacing in Alameda and Contra Costa Counties between Camelia Street and San Pablo Ave.

The work involves:

(1) Clearing and grubbing right of way;
(2) 155,000 c.y. rdwy. excav., unclass.
(3) 5,500,000 sta. yds. overhaul;
(4) 3,800 c.y. struc. excav.;
(5) 163 sta. finishing rdwy.;
(6) 35,000 tons crusher run base;
(7) 96 tons liquid asph. SC-2 (prime coat);
(8) 15,800 tons mineral agg. (plant-mixed surf.);
(9) 790 tons liquid asphalt MC-5 or MC extra heavy (plant-mixed surf.);
(10) 65 tons liquid asph. MC-3 (seal coat);
(11) 810 tons stone screenings (seal coat and shoulders);
(12) 84 tons liq. asph. SC-1A (shoulders);
(13) 43 tons liq. asph. SC-2 (shoulders);
(14) 44,500 lbs. bar reinf. steel (struc.)
(15) 520 c.y. of Class A Portland cement concrete (struc.);
(16) 220 l.f. 8-in. CMP 16 gauge;
(17) 800 l.f. 18-in. CMP 16 gauge;
(18) 740 l.f. 21-in. CMP 12 gauge;
(19) 350 l.f. 24-in. CMP 14 gauge;
(20) 80 l.f. 30-in. CMP 10 gauge;
(21) 5 each spillway assemblies;
(22) 106 l.f. 18x2½-in. part circle CM, 10 gauge;
(23) 332 l.f. 24x5-in. do;
(24) 140 l.f. 30x3⅝-in. do, 8 gauge;
(25) 2,750 l.f. 6-in. vit. clay pipe;
(26) 40 l.f. 12-in. vit. clay pipe;
(27) 1,000 l.f. 18-in. vit. clay pipe;
(28) 155 c.y. Class A Portland cement concrete (curbs, gutters & sidewalks);
(29) 1,600 l.f. redwood curbs;
(30) 1,640 l.f. laminated guard rail;
(31) 95 each guide posts;
(32) 25 each culvert markers;
(33) 1.0 mile property fence;
(34) 50 each monuments;
(35) 21 each manholes;
(36) 28 each adjusting manholes to grade;
(37) 3 each lampholes;
(38) 2,200 M. gals. water.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles. •

BIDS WANTED

SACRAMENTO CO., Calif. — Until June 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.6 mile grading and paving with asphalt concrete and Portland cement concrete in the City of Sacramento, between C St. and the American River.

The work involves:

(1) 1,100 c.y. rdwy. excav., unclass.;
(2) 3,100 c.y. struc. excav.;
(3) 200 c.y. existing asph. concrete and Portland cement concrete removed and disposed of;
(4) 8,300 s.y. preparing subgrade;
(5) 1,880 tons asphalt concrete (base and leveling course);
(6) 1,430 tons asphalt concrete (type A surf. course);
(7) 1,025 c.y. Class A Portland cement concrete (pave.);
(8) 32 c.y. Class A Portland cement concrete (struc.);
(9) 85 c.y. Class A Portland cement concrete (sidewalks and curbs);
(10) 5,500 lbs. bar reinf. steel (pave. and struc.);
(11) 1,350 each pavement dowels;
(12) 120 c.y. salvaged surf.;
(13) 387 l.f. 6-in. vitrified clay pipe;
(14) 363 l.f. 10-in. do;
(15) 529 l.f. 12-in. do;
(16) 591 l.f. 15-in. do;
(17) 1,150 l.f. 18-in. do;
(18) 231 l.f. 24-in. do;
(19) 14 each catchbasin covers and frames;
(20) 4 each manhole covers & frames;
(21) 17 each gutter drain assemblies;
(22) 3 each gutter drain assemblies removed and salvaged;
(23) 3 ea. manholes adjusted to grade
(24) 3 each, gutter drains, adjusted to grade;
(25) 9,300 s.y. asph. paint binder;
(26) 17 each pave. crossing devices (type C-10);
(21) 9 each do (type C-12);
(28) 12 ea. moving and resetting pave. crossing devices (type C-10);
(29) 4 each do (type C-12).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville. •

CONTRACT AWARDED

TULARE COUNTY, Cal.—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at $3143 awarded contract by the State Highway Commission, Sacramento, for applying road-mix surface treatment to existing shoulders on about 10.8 miles in Tulare County between 2.7 miles and 13.5 miles east of Porterville.

CONTRACT AWARDED

LOS ANGELES & ORANGE COS., Calif.—Parish Bros., 1222 N. Gower So., Los Angeles, at $14,520 awarded contract by the State Highway Commission, Sacramento, for constructing shoulders of imported borrow on about 15.4 miles in Los Angeles and Orange Counties, between Routes 183 and 179, and between Route 60 and Santa Ana River.

BIDS WANTED

PLACER COUNTY, Cal.—Until June 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 7.1 miles grading and surfacing with plant-mixed surfacing on crusher run base in Placer County, between 4½ miles northeast of Tahoe City and the Nevada state line.

The work involves:

(1) 38 acres clearing and grubbing right of way;
(2) 1,850 M. gals. water;
(3) 39,000 c.y. rdwy. excav., unclass.;
(4) 263,000 sta. yds. overhaul;
(5) 11,100 c.y. imported borrow;
(6) 1,950 c.y. struc. excav.;
(7) 375 sta. finishing rdwy.;
(8) 20,00 tons crusher run base;
(9) 13,700 tons mineral agg. (plant-mixed surf.);
(10) 360 c.y. sand (prime coat);
(11) 550 tons stone screenings (seal coat);
(12) 100 tons liquid asph. SC-2 (prime coat);
(13) 680 tons liquid asphalt ROMC-4 or ROMC-5 (plant-mixed surf.);
(14) 60 tons liquid asphalt ROMC-3, or ROMC - 4 or ROMC - 5 (seal coat);
(15) 90 lbs. bar reinf. steel;
(16) 1 c.y. Class A Portland cement concrete (struc.);
(17) 85 c.y. rubble masonry (head-walls);
(18) 30 c.y. dry rubble (retaining walls);
(19) 324 l.f. 12-in. CMP;
(20) 2,148 l.f. 18-in. CMP;
(21) 78 l.f. 24-in. CMP;
(22) 204 l.f. 30-in. CMP;
(23) 1 each cast steel frame and cover for drop inlet;
(24) 620 l.f. existing pipe culverts removed, cleaned and relaid;
(25) 103 l.f. existing pipe culverts removed, cleaned and salvaged;
(26) 116 each culvert markers;
(27) 264 each guide posts;
(28) 0.2 mile new property fence;
(29) 1.0 mile existing property fences moved and reset;
(30) 3 each drive gates;
(31) 175 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville. •

BIDS REJECTED

RIVERSIDE COUNTY, Cal.—State Hgihway Commission, Sacramento, has rejected all bids received by the E. Q. Sullivan, District Engineer, San Bernardino, for constructing drainage structures and surfacing intersections with plant-mixed surfacing in Riverside County, in the city of Corona, at Sixth St. and Buena Vista Ave., and Ontario Ave. at Lester Ave.

Low bid was submitted by Matich Bros., Elsinore, at $6,740.50.

CONTRACT AWARDED

ESMERALDA COUNTY, Nevada — Isbell Constr. Co., 1300 E. Fourth St., Reno, at $54,794.14 submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City, for construction of a portion of the State Highway system in Esmeralda County, from Blair Junction to a point approximately 10 miles south, Route 47, Section A, a length of approximately 9.82 miles.

Dodge Construction, Inc., Fallon, at $61,701.28 submitted second low bid.

Complete bids will be published shortly. •

BIDS WANTED

TUOLUMNE CO., Calif.—Until June 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.4 miles grading and surfacing with road-mix surfacing on untreated crushed gravel or stone base in Tuolumne County between 3½ miles east of Sullivan Creek and Pooley's.

The work involves:

(1) 16 stations clearing and grubbing right of way;
(2) 1,000 M. gals. water;
(3) 53,000 c.y. rdwy. excav., unclass.;
(4) 1,400 c.y. struc. excav.;
(5) 1,850 c.y. ditch and channel excavation;
(6) 115,000 sta. yds. overhaul;
(7) 11,000 mi. yd. haul selected material;
(8) 126 sta. finishing rdwy.;
(9) 300 c.y. ditch lining;
(10) 8,250 tons crushed gravel or stone base;
(11) 4,000 tons mineral agg. (road-mix surf.);
(12) 60 tons liquid asph. SC-2 (prime coat and detour);
(13) 200 tons do. SC-3 or SC-4 (road-mix surf.);
(14) 24 tons do MC-3 (seal coat);
(15) 220 tons sand (seal coat);
(16) 40 c.y. rubble masonry;
(17) 288 l.f. 8-in. CMP;
(18) 674 l.f. 18-in. CMP;
(19) 300 l.f. 24-in. CMP;
(20) 38 l.f. 30-in. CMP;
(21) 238 l.f. 36-in. CMP;
(22) 976 l.f. 8-in. perf. metal pipe (underdrains);
(23) 170 c.y. rock filling material (do)
(24) 30 l.f. cleaning and relaying CMP
(25) 498 l.f. cleaning and salvaging do
(26) 6 each spillway assemblies;
(27) 29 each culvert markers;
(28) 4.4 miles new property fences;
(29) 0.12 mile moving and resetting property fences;
(30) 35 each drive gates;
(31) 44 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Stockton. *

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for State highway work now advertised, bids to be opened in Los Angeles, on June 4.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

VIII-Riv-26-A, between San Bernardino Co. Line and Beaumont: PLANS (No. Sheets) 10; (Cost) $1; CROSS-SECTIONS (No. of Sheets) 70; (Cost) $7; (Total) $8.00.

Checks for above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

CONTRACT AWARDED

ELKO COUNTY, Nevada — George French, Jr., P. O. Box 107, Stockton, at $68,941.40 submitted low bid and awarded contract by the Nevada State highway Directors, Carson City, for the construction of a portion of the State Highway system in Elko County, between 15 miles north of Elko and Dinner Station, a length of approximately 8.16 miles.

U. B. Lee, San Leandro, at $69,407.75 submitted second low bid.

Complete bids will be published shortly *

BIDS OPENED

SAN FRANCISCO.—A. D. Schader, 144 Spear St., at $11,297.39 submitted low bid to the State Board of Harbor Commissioners, Ferry Bldg., for paving and track work at Bulkhead wharf Piers 44 and 46, involving:

(1) Lump sum, preparing subbase and tracks;
(2) 675 tons, Topeka wearing surf.;
(3) 525 tons bituminous base.

Total bids follow:

(A) A. D. Schader	$11,297.39
(B) Chas. L. Harney	11,653.75
(C) Fay Improvement Co.	12,175.00
(D) Pacific States Const. Co.	12,375.00
(E) Eaton & Smith	12,669.75

Unit bids follow:

	(A)	(B)	(C)
(1)	$5,657.39	$6,550.00	$6,895.00
(2)	4.70	4.45	4.68
(3)	4.70	4.00	4.04

	(D)	(E)
(1)	$6,600.00	$6,660.00
(2)	4.90	5.10
(3)	4.70	4.89

Recommendation has been made to PWA that the contract be awarded the low bidder. *

BIDS WANTED

LINCOLN and Tillamook Counties, Ore.—Until May 26, 10 A. M., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for the improvement of 13.531 miles of he Salmon River Highway reconstruction surfacing and oil rock stockpiling Project FHEC 2-A4, B5, C4, National Forest Road Project, located within the Siuslaw National Forest, Lincoln and Tillamook Counties.

The principal items of work involved are:

(1) 13,000 c.y. unclass. excav.;
(2) 13.531 miles fine grading, subgrade and shoulders
(3) 90,000 tons special crushed rock or crushed gravel, bottom course
(4) 20,000 tons do, top course;
(5) 5,000 M. gals. watering;
(6) 7,000 tons leveling course;
(7) 3,500 c.y. salvage of surfacing;
(8) 6,000 c.y. overhaul;
(9) 32,500 ton supplemental crushed rock or crushed gravel;
(10) 520 tons SC-1 grade liquid asph.;
(11) Lump sum, extra and miscellaneous force account work.

Plans and specifications obtainable from the above office upon deposit of $10.00.

COMPLETE BID LISTING

TULARE COUNTY, Cal.—Palo Alto Road Materials Co., 465 California Avenue, Palo Alto, at $3,143, as previously reported, submitted low bid to the Division of Highways, R. M. Gillis, District Engineer, Fresno, for applying road-mix surface treatment to existing shoulders on about 10.8 miles in Tulare County between 2.7 miles and 13.5 miles east of Porterville.

The work involves:

(1) 170 tons liquid asphalt SC-2;
(2) 42,000 s.y. preparing, mixing, and shaping shoulders;

Complete bids follow:

Palo Alto Road Materials Co., Palo Alto: (1) $9.10; (2) $0.038; total $3,143.

Square Oil Co., Los Angeles: (1) $9; (2) $0.04; total, $3,210.

L. A. Brisco, Arroyo Grande: (1) $9.87; (2) $0.06; total, $4,197.90.

Stewart & Nuss, Inc., Fresno (1) $9.91; (2) $0.063; total, $4,330.70.

A. S. Vinnell Co., Los Angeles: (1) $12.50; (2) $0.06; total, $4,645.

Oilfields Trucking Co., Bakersfield: (1) $10.70; (2) $0.09; total, $5,599.

NOTICE TO BIDDERS

FRESNO COUNTY, Cali. — A representative of the District Office will accompany prospective bidders over the proposed project in Fresno County, between Belmont Circle and Biola Junction, Road VI-Fre-4-Fre, C, for which bids are to be received in Sacramento on May 27.

Said representative will meet prospective bidders at DISTRICT OFFICE Cor. Olive and Carruth Ave. in Fresno on Wednesday, May 20, at 10:00 A. M.

Prospective bidders are urged to co-operate with the District Office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

STATE OF CALIFORNIA. — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on May 27, and in Los Angeles on May 28:

I-Men-56-D,E, bet. Navarro River and Williams Creek, bids to be opened May 27: PLANS (No. of Sheets) 7; (Cost) $0.70; CROSS - SECTIONS (No. of Sheets) 14; (Cost) $1.40; (Total) $2.10.

III - Sac - Feeder, overhead crossing over tracks of SPRR at Jibboom St. in Sacramento, bids to be opened May 27: PLANS (No. of Sheets) 18; (Cost) $1.80; No Cross-Sections.

III-Yol-Col-7-C,A, bet. Dunnigan & Arbuckle, bids to be opened May 27: PLANS (No. of Sheets) 31; (Cost) $3.10; CROSS-SECTIONS (No. Sheets) 116; (Cost) $11.60; (Total) $14.70.

VI-Fre-4-Fre,C, bet. Belmont Circle and Biola Junction, bids to be opened May 27: PLANS (No. of Sheets) 18; (Cost) $1.80; CROSS-SECTIONS (No. of Sheets) 64; (Cost) $6.40; (Total) $9.20.

VII - L.A. - 26 - A, bridge across Rio Hondo, bids to be opened May 28: PLANS (No. of Sheets) 8; (Cost) $.80 No Cross-Sections.

VII-L.A-168-B, undergrade crossing under tracks of A. T. & S. F. Ry at Rivera on San Gabriel Blvd., bids to be opened May 28: PLANS (No. of Sheets) 24; (Cost) $2.40; CROSS-SECTIONS: (No. of Sheets) 20; (Cost) $2.00; (Total) $4:40.

VII-Ven-138, 151 , 79, 9-Var., bet. San Antonio Creek and Ojai, bet. Mound School and 2.7 miles east and bet. Simi and 0.4 mile east of Santa Susana Overhead, bids to be opened May 28: Neither Plans nor Cross-Sections.

VIII-SBd-Feeder, overhead crossing over tracks of A. T. & S. F. Ry., at Palm Ave., bids to be opened May 28: PLANS (No. of Sheets) 8; (Cost) $.80; No Cross-Sections.

IX-Ker-23-B, bet. 3 miles and 12 miles north of Mojave, bids to be opened May 28: Neither Plans nor Cross-Sections.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

TO ASK BIDS SHORTLY

MODESTO, Stanislaus Co., Cal.—A call for bids will be issued shortly for the resurfacing of J Street, McHenry Ave., and West H Street. Cost of the work is estimated at $12,500 by City Engineer Frank J. Rossi.

BID REJECTED

CLARK COUNTY, Nevada—Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, rejected the only bid received, that of Pacific Constr. Co., Call Bldg., San Francisco, at $6,325 for the construction of a portion of the State Highway system in Clark County, Route 6, Sections C2 and C3, from Las Vegas Creek within the City of Las Vegas to a point approximately one-half mile north of Las Vegas City limits, a length of approximately one-half mile north of Las Vegas City limits, a length of approximately 1.56 miles.

Engineer's estimate was $3,744.90.

CONTRACT AWARDED

SHASTA COUNTY, Calif. — Pacific Truck Service, Inc., 646 Park Ave., San Jose, at $8,454 awarded contract by the State Highway Commission, Sacramento, for applying seal coat on about 21.6 miles in Shasta County, between forest boundary on Route 20 and Bridge Camp on Route 83.

CONTRACT AWARDED

INYO COUNTY, Calif.—Square Oil Co., Inc., 916 Adobe St., Los Angeles, at $1,343.75 awarded contract by the State Highway Commission, Sacramento, for furnishing and applying liquid asphalt to the existing roadbed on about 2.6 miles in Inyo County, between 1.8 miles north of Bishop and 1.4 miles north of Laws.

CONTRACT AWARDED

CONTRA COSTA COUNTY, Calif.—Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at $306,236.50 awarded contract by the State Highway Commission, Sacramento, for about 3.2 miles grading and surfacing with plant mixed surfacing on crusher run base, in Contra Costa County, between the Broadway Tunnel and two miles west of Lafayette.

BIDS WANTED

SAN FRANCISCO, Cal.—Until June 3, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,926 for the reconstruction and widening of Harrison street, between Second street and Fifth street, a PWA project. Estimated cost $72,066.

The work involves:

(1) 500 cu.yds. rock fill;
(2) 53,000 sq.ft. basalt pavement removed;
(3) 33,000 sq.ft. asphaltic-conc. wear. surface removed;
(4) 4,000 sq.ft. asphaltic-conc. pavement removed;
(5) 104,800 q.ft. 8-in. Class E concr. pavement;
(6) 26,000 sq.ft. 6-in. Class E concr. pavement base;
(7) 1,100 tons asph. concrete base course;
(8) 1,500 tons asph. wear. surface;
(9) 200 tons asph. conform pavement;
(10) 4,800 lin.ft. reset;
(11) 2,400 sq.ft. granite curb redressed;
(12) 2,600 lin.ft. new granite curb (tangent);
(13) 950 lin.ft. armored conc. curb;
(14) 25 catch-basins reset or rebuilt;
(15) 25 concr. curb inlets;
(16) 5 new catchbasins constructed;
(17) 50 cu.yds. Class B concrete;
(18) 13,000 sq.ft. one-course concr. sidewalk;
(19) 600 sq.ft. asphalt-macadam walk;
(20) 2,600 cross-walk markers;
(21) 455 center-line traffic markers;
(22) 11,000 lin.ft. 4-in. white lacquer traffic lines;
(23) 1,000 lin.ft. 8-in. do.
(24) 2,000 lin.ft. 4-in. do.
(25) 12 street and traffic signs moved;
(26) 3,400 ft. 1½-in. conduit;
(27) 8 manholes, frames and covers;
(28) 4 new manholes complete;
(29) 300 lin.ft. 12-in. V.C.P. sewer;
(30) 280 lin.ft. 10-in. V.C.P. culvert;
(31) 6—8-in. x 12 Y branches;
(32) 870—8-in. V.C.P. side sewers;
(33) 230—6-in. V.C.P. do.
(34) 16 low pressure fire hydrants relocated;
(35) 2 electric "Stop and Go" traffic signals, relocated;
(36) 1 electric "Stop and Go" control units, relocated;
(37) 5 police and fire boxes relocated.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon $10 cash deposit.

BIDS WANTED

CLARK COUNTY, Nevada—Until June 3, 3:30 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphaltic road-mix surface on a portion of the State Highway system in Clark County, between Logandale and a point 0.74 mile south of Overton, Route 12, Section B2, a length of approximately 6.21 miles.

The work involves:

(1) 479 tons asphaltic road material, Type SC-2;
(2) 44 tons asphaltic road material, Type MC-2;
(3) 6.46 miles road-mix;
(4) 6.46 miles finished roadway;
(5) 62 each culvert markers;
(6) 1692 lin. ft. remove fence;
(7) 72 lin. ft. remove culvert pipe;
(8) 4 each remove culvert (wooden)
(9) 30 each, remove trees;
(10) 1070 cu. yds. roadway excavation
(11) 9040 cu. yds. select borrow;
(12) 300 cu. yds. structure excavation
(13) 0.74 mile subgrade;
(14) 1210 cu. yds. load, haul & spread gravel surface;
(15) 106 M. gals. water;
(16) 66 cu. yds. Class A concrete;
(17) 9 cu. yds. Class B concrete;
(18) 7600 lbs. reinforcing steel;
(19) 16 cu. yds. dry rubble masonry;
(20) 48 cu. yds. cement rubble masonry;
(21) 138 lin. ft. 18-in. CMP;
(22) 120 lin. ft. 24-in. CMP;
(23) 52 lin. ft. relay culvert pipe;
(24) 34 each monuments;
(25) 1581 lin. ft. reconstruct fence;
(26) lump sum, construct railroad crossing.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable, and on file at the office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco.

CONTRACT AWARDED

EL DORADO COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $145,532.50 awarded contract by the State Highway Commission, Sacramento, for about 8.8 miles surfacing with crusher run base and plant-mixed surfacing in El Dorado County between Kyburz and Strawberry.

CONTRACT AWARDED

MODOC COUNTY, Cal.—C. F. Frederickson & Sons, Lower Lake, at $18,585.65 awarded contract by the State Highway Commission, Sacramento, for applying seal coat on about 32.9 miles and applying oil treatment to portions in Modoc County, between Hot Creek and Cedarville Mountain, and between southerly boundary and Alturas.

NOTICE TO BIDDERS

STATE OF CALIFORNIA — C. H. Purcell, State Highway Engineer, has announced cost of bule line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on June 3, and in Los Angeles on June 4:

II-Sha-20-E. Bet. Viola and Forest Bdry. Bids to be opened June 3. (PLANS) No. of Sheets, 7; Cost, 70c; (CROSS-SECTIONS) No. of Sheets, 27; Cost, $2.70; Total, $3.40.

IV-Ala-69-A Bet. Irvington and Centerville. Bids to be opened June 3. (PLANS) No. of Sheets, none; (CROSS-SECTIONS) none.

V-SBt-2-22-B,C. At the Junction of Rts. 2 and 22. (PLANS) No. of Sheets 5; Cost, 50c; (CROSS - SECTIONS) No. of Sheets, 8; Cost, 80c; Total, $1.30.

VII-L.A-60-A. At Walnut Canyon. Bids to be opened June 4. (PLANS) No. of Sheets 5; Cost, 50c; (CROSS-SECTIONS) No. of Sheets, 20; Cost, $2.00; **Total, $2.50.**

VIII-SBd - 26 - E. Near Colton. bridges. Bids to be opened June 4. (PLANS) No. of Sheets, 21; Cost, $2.10; (CROSS -SECTIONS) No. of Sheets, 17; Cost, $1.70; Total, $3.80.

VIII-SBd-26-E. Bet. Colton and Waterman Ave. Bids to be opened June 4. (PLANS) No. of Sheets, 7; Cost, 70c; (CROSS-SECTIONS) No. of Sheets, 54; Cost, $5.40; Total, $6.10

X-Sta-4-A. Bet. Turlock & Keyes. Bids to be opened June 3. (PLANS) No. of Sheets, 4; Cost, 40c; (CROSS-SECTIONS) No. of Sheets 4; Cost, 40c Total, 80c.

Checks for the aboce should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

BIDS WANTED

ORANGE COUNTY, Cal. — Until June 2, 2 P. M., bids will be received by the Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for about 2 miles surfacing with plant-mixed surfacing (asphaltic emulsion type) in Orange County between Brea and northerly boundary.

The work involves:

(1) 80 tons asphaltic cement, Grade "D" in place;
(2) 55 tons asphaltic emulsion tempering fluid in place;
(3) 1900 tons mineral aggregate in place;
(4) 23,700 sq. yds. asphaltic paint binder in place.

Plans and specifications obtainable from thet above office.

BIDS WANTED

TEHAMA COUNTY, Calif. — Until June 1, 2 p.m., bids will be received by the Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 0.3 mile grading and paving with Portland cement concrete in Tehama County at the south entrance to Red Bluff.

Plans and specifications obtainable from the above office.

BIDS WANTED

WASHOE COUNTY, Nevada—Until June 3, 2 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State highway system in Washoe County, from Lawton to Reno, Route 1, Section A, a length of approximately 4.86 miles.

The work involves:

(1) 824 lin. ft. remove culvert pipe;
(2) 26 each, remove culvert headwalls and inlets;
(3) 209 cu. yds. remove concrete;
(4) 25,555 sq. yds. remove concrete pavement;
(5) 24,235 lin. ft. remove fence;
(6) 40 each, remove trees;
(7) 65,600 cu. yds. remove excavation
(8) 175,226 sta. yds. overhaul;
(9) 33,405 cu. yds. imported borrow;
(10) 25,033 cy. yds. select borrow;
(11) 1240 cu. yds. structure excavation;
(12) 49,685 sq. yds. subgrade for pave.
(13) 4.86 miles shoulders;
(14) 4.86 mi. finish roadway;
(15) 9108 tons asphaltic concrete base course;
(16) 5227 tons asphaltic concrete leveling course;
(17) 5057 tons asphaltic concrete surface course;
(18) 1079 tons coarse aggregate;
(19) 174 tons key rock;
(20) 303 tons screenings;
(21) 97 tons emulsified asphalt penetration;
(22) 43 tons emulsified asphalt mixing
(23) 416 cu. yds. Class A concrete;
(24) 35 cu. yds. Class B concrete;
(25) 40,482 lbs. reinforcing steel;
(26) 1075 cu. yds. Cyclopean concrete;
(27) 272 cu. yds. hand placed rock wall
(28) 4850 lbs. castings;
(29) 188 lin. ft. 8-in. CMP (dipped);
(30) 564 lin. ft. 12-in. CMP (dipped);
(31) 434 lin. ft. 15-in. CMP (dipped);
(32) 670 lin. ft. 18-in. CMP (dipped);
(33) 634 lin. ft. 24-in. CMP (dipped);
(34) 80 lin. ft. 36-in. CMP ,dipped);
(35) 116 lin. ft. 15-in. CMP siphon pipe (dipped);
(36) 213 lin. ft. relay culvert pipe;
(37) 42 each move pipe culvert headwalls;
(38) 15,821 lin. ft. construct fence;
(39) 14,018 lin. ft. reconst. fence;
(40) 51,276 lin. ft. side forms;
(41) 4.86 miles traffic stripe;
(42) 96 each culvert markers;
(43) 50 each guide posts;
(44) 2000 lin. ft. metal guard rail;
(45) Lump sum, move signs;
(46) Lump sum, move buildings;
(47) 2 each, reconst railroad crossings
(48) 89 each monuments;
(49) Lump sum, miscellaneous items;
(50) 1400 hours, traffic control unit;
(51) 60 tons asphaltic road material, Type SC-1A.

Plans and specifications obtainable from the above office upon deposit c $5, of which amount $2.50 will be r returnable, and on file at the office o the Bureau of Public Roads, Federal Bldg., Civic Center, San Francisco.

NOTICE TO BIDDERS

SAN BERNARDINO CO., Calif.—A representative of the District Office will accompany prospective bidders over the proposed project in San Bernardino County, between Colton and Waterman Ave., road VIII-SBd-26-E. for which bids are to be received in Los Angeles on June 4.

Said representative will meet prospective bidders at the office of the District Engineer, San Bernardino, on Friday, May 22 and 29, at 1 P. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

NOTICE TO BIDDERS

LOS ANGELES COUNTY, Calif.—representative of the District Office will accompany prospective bidders over the proposed project in Los Angeles County, at Walnut Canyon, road VII-L.A.-60-A, for which bids are to be received in Los Angeles, June 4.

Said representative will meet prospective bidders at Los Flores Canyon near Los Flores Inn on Tuesday, May 26, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

CONTRACT AWARDED

YOLO COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, 1846 37th St., Sacramento, at $157,485.10 awardel contract by the State Highway Commission, Sacramento, for about 3.5 miles grading and paving with asphalt concrete in Yolo County bet. the Yolo Causeway and the M Street Subway.

BIDS WANTED

DOUGLAS COUNTY, Nev. — Until June 3, 3 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State highway system in Douglas County, from the junction of State Route 3 to Genoa, a length of approximately 3.66 miles.

The work involves:

(1) 2965 lin. ft. remove fence;
(2) 225 lin. ft. remove culvert pipe;
(3) 3 each, remove concrete culvert;
(4) 9 each, remove timber bridges;
(5) 7400 cu. yds. roadway excavation
(6) 44,278 cu. yds. select borrow;
(7) 450 cu. yds. structure excavation
(8) 3.63 mi. subgrade;
(9) 3.66 mi. finish roadway;
(10) 15,000 tons crushed gravel or stone surface;
(11) 205 cu. yds. Class A concrete;
(12) 9 cu. yds. Class B concrete;
(13) 21,400 lbs. reinforcing steel;
(14) 62.4 MFBM untreated Douglas Fir;
(15) 19.3 MFBM Redwood;
(16) 2100 lin. ft. treated piles (Douglas fir);
(17) 75 each drive treated piles;
(18) 492 lin. ft. 15-in. CMP (dipped);
(19) 348 lin. ft. 18-in. CMP (dipped);
(20) 66 lin. ft. 24-in. CMP (dipped);
(21) 137 lin. ft. relay culvert pipe;
(22) 18 each monuments;
(23) 2955 lin. ft. reconstruct fence;
(24) 2 each, remove treets.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable, and on file at the office of the Bureau of Public Roads, Federal Bldg., Civic Center, San Francisco.

31—PIPE LINES & WELLS

BONDS SOLD

LOS ANGELES, Cal.—Chairman W. P. Whitsett of the Metropolitan Water District, announced at the regular Friday meeting of the board of directors that he had received word from F. E. Weymouth, general manager and chief engineer, in Washington, D. C., that the Reconstruction Finance Corp. had agreed to purchase an additional $57,500,000 of the district bonds, estimated to be the amount required to finance construction for the fiscal year ending June 30, 1937. This, added to the $91,500,000 already sold to the government ($90,000,000 to the RFC and $1,500,000 to the PWA) makes a total of $149,000,000 of federal financing for the project. The balance up to $220,000,000 will be issued as required.

In the district's application to the RFC, General Manager Weymouth pointed out that the aqueduct construction is more than 40% completed as of May 1 and that the total cost of the work to date is $97,000,000, of which $28,000,000 went directly into the adqueduct payroll and $25,000,000 into the payrolls of men engaged in fabrication and handling of materials and equipment.

General Manager Weymouth also stated in the application, which he presented personally to the Washington authorities, that the peak of construction will be reached in the 1936 to 1937 period, with an estimated total of 14,000 men employed. The present number of men directly employed by the district is 9,000.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

INDEPENDENCE, Inyo Co., Cal.—Until May 28, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 707 South Broadway, Los Angeles, for the construction of a sewer system for the town of Independence, Inyo Co., under Spec. No. X - 24, PWA Docket 1929-R. Unit No. 24. Lump sum bids will be taken on the complete system, including all trenching, backfilling, pipe installation, house connections, manholes and covers, treatment plant, outfall lines and resurfacing. Specifications may be obtained from the above office upon deposit of $10.

CONTRACT AWARDED

LOS ANGELES, Cal.—Johnston Pump Co., 2324 E 49th, Vernon, at $5,218 awarded contract by the Veterans' Administration, Arlington Bldg. Washington, D. C., under Project No. 906, for furnishing and installing complete at the Veterans' Administration Facility, Los Angeles, two deep well pumps.

CONTEMPLATED

KERN COUNTY, Calif.—A hearing will be held by the Kern County Board of Supervisors, Courthouse, Bakersfield, June 1, 11 A. M., on a proposal to form the Arvin County Sanitation District for construction of a disposal plant consisting of an Imhoff Tank, and a 15-in. concrete sewer main, about two miles in length.

May 19, 1936

BOND SALE VALIDATED

SAN FRANCISCO.—The State Supreme Court has validated sale of bonds in the amount of $391,000 of the 1928 sewer bond issue to finance an extension of Alemany sewer. Healy-Tibbitts Const. Co., 64 Pine St., at $334,259 submitted low bid on the first unit of the work and award has been delayed pending Supreme Court decision. Estimated cost of the work complete is $700,000. 32

BIDS OPENED

SUNSET BEACH, Orange Co., Cal. —J. C. Hickey, 329 S. Palm Avenue, Alhambra, submitted low bid to the Sunset Beach Sanitary Sewer District at a total of $86,998.25, for constructing a sanitary sewer system and sewage disposal works in accordance with plans prepared by Duke Hunt, consulting engineer. This bid was based on the use of Fairbanks-Morse & Co. pumps.

Mike Radich and C. T. Brown, Los Angeles, were the only other bidders at a total of $87,304.10, using Kimball-Krogh pumps.

The complete total bids were:

(A) J. C. Hickey—Section 1, sewer system, $47,651.45; Section 2, disposal works, $30,418.80 using Fairbanks -

Morse pumps, $31,818.80 using Byron-Jackson pumps; Section 3, house connections, $8928.

(B) Mike Radich and C. T. Brown—Section 1, $53,922.85; Section 2, $24,453.25; Section 3, $8928.

The engineer reports that the bids were above the estimate and the funds available and that the items will be rejected.

The items follow:

Section I—Sewer System

(1a) 28 ft. 4-in. vitrified pipe;
(2a) 4028 ft. 6-in. vitrified pipe;
(3a) 10,293 ft. 8-in. vitrified pipe;
(4a) 6788 ft. 10-in. vitrified pipe;
(5a) 2930 ft. 12-in. vitrified pipe;
(2) 54 standard manholes;
(3) 23 standard lampholes;
(4) 2 standard flush tanks;
(5) 7 shallow flush tanks;
(6) 1000 tons screened gravel for placing in trench;
(7) constructing inverted siphon on Broadway from Sta. 2 plus 34 to Sta. 4 plus 60.64 of the Line B-n, Sheet 12;
(8) 75 l.f. ¾-in. galv. steel pipe, flush tank connections;
(9) 140 s.f. replacing concrete paving
(10) 50,000 s.f. oil macadam paving;
(11) 10 c.y. Class D concrete for piers supporting sewers.

Section II—Sewage Disposal Works

(1) 300 c.y. excav. for structures, pump stations, etc., of disposal works;
(2) lump sum for constructing main structures, inc. digestion tank, settling tank with mechanical equip., and building over settling tank with all valves, piping and special fittings;
(3 pump station No. 1:
(a) with Byron-Jackson pump;
(b) with Chicago pump;
(c) with Fairbanks-Morse pump.
(4) pump station No. 2:
(a) (b) and (c) as above;
(5) 785 ft. 6-in. cast iron pressure main;
(6) 1029 l.f. 8-in. cast iron outfall sewer;
(7) 2471 ft. 6-in. flexible joint cast iron pipe ocean outfall.

Section III

(1) 8928 l.f. 4-in. vit. house connections.

The unit bids were:

	(A)	(B)
SECTION I		
(1a)	$ 1.00	$ .85
(b)	1.30	1.00
(c)	1.50	1.35
(d)	1.60	1.75
(e)	1.70	2.50
(2)	80.00	75.00
(3)	25.00	20.00
(4)	150.00	150.00
(5)	100.00	100.00
(6)	1.50	3.00
(7)	1000.00	450.00
(8)	.25	1.50
(9)	.30	.35
(10)	.05	.15
(11)	15.00	15.00
SECTION II		
(1)	1.00	7.88
(2)	11,500.00	7290.00
(3a)	4700.00	2475.00*
(b)	.....	.....
(c)	4000.00	.....
(4a)	4300.00	2430.00*
(b)	.....	.....
(c)	3600.00	.....
(5)	1.00	1.00
(6)	2.20	2.25
(7)	8000.00	9299.00
SECTION III		
(1)	1.00	1.00

*Kimball-Krogh Co. pumps.

BIDS OPENED

SAN FRANCISCO—A. G .Raisch. 1 De Haro St., San Francisco, at $4884 submitted low bid and recommended for award of contract by the Constructing Quartermaster, Fort Mason, for repairs to sewers and drainage systems at Letterman General Hospital, Presidio of San Francisco.

Complete bids follow:

A. G. Raisch, S. F.	$ 4,884.00
Mills Constr. Co., S. F.	5,551.00
Richmond Constr. Co., S. F.	5,730.00
W. J. Tobin, Oakland	5,875.00
M. J. Lynch, S. F.	5,978.00
C. W. & H. H. Haun, S. F.	7,140.00
E. J. Treacy, S. F.	9,518.95
A. Nelson, Inc., S. F.	10,937.00

33— WATER WORKS

BIDS WANTED

SANTA BARBARA, Calif. — Until May 21, 1 p.m., bids will be received by the Santa Barbara city council for furnishing 68,000 lbs. of clarifier mechanism for 2 square clarifiers, and 16,000 lbs. of flocculator mechanism for 2 flocculator basins. Specifications are on file at the office of Carl E. Hasse, city purchasing agent, City Hall, and the consulting engineers, Quinton, Code and Hill-Leeds and Barnard, 905 Edison Bldg., Los Angeles.

BIDS WANTED

SANTA BARBARA, Calif. — Until May 21, 1 p.m., bids will be received by the Santa Barbara city council for furnishing 12 welded steel underdrain manifolds weighing approximately 13,000 lbs., and 5 welded steel wall nipples weighing approximately 500 lbs., for the filtration plant and Sheffield Reservoir, a PWA project. Specifications are on file at the office of the purchasing agent, Carl E. Hasse, City Hall, and the consulting engineers, Quinton, Code and Hill-Leeds and Barnard, 908 Edison Bldg., Los An-

May 15, 1936

CONTRACTS AWARDED

SANTA BARBARA, Cal.—Crane Co. Santa Barbara, at $3098 awarded contract by the Santa Barbara city council (subject to PWA approval) for furnishing gate valves for the new filtration plant at the Sheffield reservoir. American Cast Iron Pipe Co., Los Angeles, at $2628 awarded the contract (subject to PWA approval) for furnishing pipe and fittings for the same project under Schedule A. The bids were opened April 30, as follows:

GATE VALVES

Iowa Valve Company	$3375
Chapman Valve Mfg. Co.	3751
Rensselaer Valve Co.	3886
Kennedy Valve Mfg. Co.	4034
Crane Co., Santa Barbara	3098
Grinnell Co. of the Pacific	4414
Hacker Pipe & Supply Co.	4944

PIPE FITTINGS

Long Beach Iron Works, $2395.

American Cast Iron Pipe Co., Los Angeles, $2,028.46, Schedule A: $2292, Schedule B.

Los Angeles Valve & Fitting Co., $2571.93.

Commercial Iron Works, Los Angeles, $2651.19.

34 — PARKS AND PLAYGROUNDS

BIDS WANTED

SAN FRANCISCO COUNTY, Cal.—Until June 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for furnishing and planting various varieties of trees and shrubs, grading and planting lawn and furnishing and installing a water system at the Fifth Street Plaza in San Francisco.

The work involves:

(1) 18 each key No. 1 plants;
(2) 52 each key No. 2 plants;
(3) 40 each key No. 3 plants;
(4) 12 each key No. 4 plants;
(5) 14 each key No. 5 plants;
(6) 8 each key No. 6 plants;
(7) 92 each key No. 7 plants;
(8) 2 each key No. 8 plants;
(9) 14 each key No. 9 plants;
(10) 8 each key No. 10 plants;
(11) 4 each key No. 11 plants;
(12) 170 each key No. 12 plants;
(13) 10 each key No. 13 plants;
(14) 8 each key No. 14 plants;
(15) 288 each key No. 15 plants;
(16) 4 each key No. 16 plants;
(17) 8 each key No. 17 plants;
(18) 196 each key No. 18 plants;
(19) 2 each key No. 19 plants;
(20) 4 each key No. 20 plants;
(21) 2 each key No. 21 plants;
(22) 6 each key No. 22 plants;
(23) 22 each key No. 23 plants;
(24) 2 each key No. 24 plants;
(25) 2 each key No. 25 plants;
(26) 2 each key No. 26 plants;
(27) 135 each key No. 27 plants;
(28) 3 each key No. 28 plants;
(29) 64,000 sq. ft. lawn;
(30) 39 ea. ¾-in. street washer boxes;
(31) 690 l.f. 2-in. galvanized iron pipe
(32) 960 l.f. 1½-in. do;
(33) 500 l.f. 1¼-in. do;
(34) 920 l.f. 1-in. do;
(35) 1,220 l.f. ¾-in. do;
(36) 2 each master sprinklers;
(37) 12 each quick coupling valve heads;
(38) 90 each ¾-in. sprinkler heads.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

35— TUNNELS

May 21, 1936

BID OPENING POSTPONED

FORT PECK, Mont.—Until June 2, 11 A. M. (time extended from May 21) bids will be received by the U. S. Engineer, Missouri River Division, 707 Postal Telegraph Bldg., Kansas City, Mo., for the completion of the emergency gate shafts for the Fort Peck tunnels. Plans and specifications may be obtained upon deposit of $200 (certified check or money order). Col. R. C. Moore, Division Engineer.

SALT RIVER PROJECT — BARTLETT DAM — (GOVT.)

SALT RIVER PROJ., Ariz.—Barrett & Hilp, 918 Harrison St., San Francisco, and the Macco Corp., 815 Paramount Blvd., Clearwater, Cal., bidding jointly, at $2,228,272, as previously reported, submitted low bid to the Bureau of Reclamation, E. C. Koppner, Construction Engineer, Producer Bldg., Phoenix, under Spec. No. 674, for construction of the Bartlett Dam, Salt River Project. The dam will be of the concrete multiple-arch type.

The work involves:

(1) diversion and care of river during construction and unwatering foundation, lump sum;
(2) 140,000 cu. yds. excavation, common, for dam;
(3) 75,000 cu. yds. excavation, rock, for dam;
(4) 10,000 cu. yds. excavation, common, for spillway;
(5) 112,000 cu. yds. excavation, rock, for spillway;
(6) 2000 cu. yds. backfill;
(7) 2000 lin. ft. drilling grout holes not more than 25 ft. deep;
(8) 7000 lin. ft. drilling grout holes more than 25 ft. deep and not more than 50 ft. deep;
(9) 20,000 lin. ft. drilling grout holes

more than 50 ft. deep and not more than 100 ft. deep;

(10) 20,000 lbs. installing grout and drainage pipe and fittings;

(11) 43,500 cu. ft. pressure grouting;

(12) 500 lin. ft. drilling drainage holes not more than 25 ft. deep;

(13) 1800 lin. ft. constructing 4-in diam. sewer pipe drains with uncemented joints, embedded in gravel.

(14) 3200 lin. ft. constructing 6-inch diam. sewer-pipe drains with uncemented joints, embedded in gravel;

(15) 200 lin. ft. constructing 8-inch diam. sewer-pipe drains with uncemented joints, embedded in gravel;

(16) 700 lin. ft. constructing 4-inch diam. sewer-pipe drains with uncemented joints, embedded in porous concrete;

(17) 325 cu. yds. porous concrete;

(18) 250 lin. ft. drilling weep holes;

(19) 6200 lin. ft. drilling holes for anchor bars and grouting bars in place;

(20) 10,000 cu. yds. concrete in outlet works structures below top of floors and in buttress footings;

(21) 85,500 cu. yds. concrete in outlet works structures above top of floors and in buttresses;

(22) 5300 cu. yds. concrete in arch and upstream buttress slab cut-offs;

(23) 35,000 cu. yds. concrete in arches;

(24) 11,000 cu. yds. concrete in gravity sections and training wall;

(25) 125 cu. yds. concrete in parapet;

(26) 9200 cu. yds. concrete in spillway gate structure below top of bridge floor;

(27) 1600 cu. yds. concrete spillway gate structure above top of bridge floor;

(28) 2900 cu. yds. concrete in floor of spillway channel;

(29) 2200 cu. yds. concrete in spillway channel except floor;

(30) 70 cu. yds. concrete in saddle dam;

(31) 5,800,000 lbs. placing reinforcement bars;

(32) 9000 sq. yds. special finishing of concrete surfaces;

(33) 325 sq. yds. placing bonded concrete floor finish and base;

(34) 8800 lin. ft. installing metal sealing strips;

(35) 1500 sq. ft. installing contraction-joint filler;

(36) 1,650,000 lbs. installing spillway gates, gate frames, gate and counterweight guides, and counterweight hangers;

(37) 500,000 lbs. installing spillway gate hoists and operating mechanisms;

(38) 274,000 lbs. installing trash-rack metalwork;

(39) 184,000 lbs. installing high-pressure, hydraulically - operated slide gates and metal conduit linings;

(40) 5000 lbs. installing control apparatus for high - pressure slide gates;

(41) 26,000 lbs. installing bulkhead gate, gate frames, guides, and operating mechanism;

(42) 142,000 lbs. installing needle-valve outlet pipes and discharge guides;

(43) 115,000 lbs. installing needle valves and operating mechanism

(44) 60,000 lbs. installing traveling cranes and crane rails;

(45) 111,000 lbs. installing metal stairways, walkways and ladders;

(46) 20,000 lbs. installing pipe handrails;

(47) 350 sq. ft. installing metal doors;

(48) 1150 sq. ft. installing metal-sash windows;

(49) 500 lbs. installing metal - sash window operators;

(50) 8500 lbs. installing metal floor plates and gratings and hatchway and manhole frames and covers;

(51) 12,000 lbs. installing miscellaneous metal-work;

(52) 4300 sq. ft. installing asphalt-saturated felt roofing complete with flashing;

(53) Installing electrical circuits and apparatus, lump sum.

Complete total bids follow:

(A) Barrett & Hilp, San Francisco, and Macco Corp., Clearwater, $2,228,272.

(B) Bent Bros., Inc., L. E. Dixon Co. and Johnson, Inc., Los Angeles, $2,630,989.50.

(C) General Construction Co. and J. F. Shea, Los Angeles, $2,730,255.

(D) Jahn & Bressi, Los Angeles, and Wood & Bevanda, Stockton, $2,837,955.00.

(E) Walsh Const. Co., Los Angeles, $2,869,007.00.

(F) Atkinson Const. Co., Los Angeles, $2,936,250.00.

(G) Guy F. Atkinson, San Francisco, $2,973,520.00.

(H) Utah Const. Co. & Winston Bros. Los Angeles, $3,103,965.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$10,000.00	$17,500.00	$25,000.00	$60,000.00	$30,000.00	$50,000.00	$25,000.00	$100,000.00
(2)	.33	1.35	1.00	1.50	1.00	1.00	1.46	1.60
(3)	1.93	5.20	4.00	4.00	4.50	5.00	4.30	4.00
(4)	.33	3.30	1.50	3.00	.72	1.00	.75	.70
(5)	2.00	3.30	1.50	3.00	1.80	2.50	2.50	1.80
(6)	1.33	1.00	1.50	1.00	.53	1.50	.50	.80
(7)	1.33	.75	2.50	1.00	.70	1.00	1.00	1.00
(8)	2.33	2.00	2.75	2.00	1.75	2.00	2.00	2.00
(9)	3.00	2.00	3.25	3.50	1.75	4.00	2.50	2.50
(10)	.08	.03	.10	.10	.18	.10	.15	.10
(11)	1.07	1.00	1.00	1.00	1.05	1.50	1.00	1.00
(12)	3.67	3.00	1.00	7.50	2.80	3.00	3.00	2.00
(13)	.40	.30	.80	1.00	.60	.50	.75	.50
(14)	.67	.45	.90	1.00	.75	.75	1.00	.60
(15)	.80	.60	1.00	1.00	1.00	1.00	1.50	.70
(16)	.40	.20	1.50	1.00	.65	1.00	1.50	1.00
(17)	13.34	5.20	8.00	3.00	9.00	6.00	10.00	10.00
(18)	.67	1.50	1.00	1.00	1.00	1.00	1.00	1.00
(19)	.80	.75	1.00	1.00	1.15	1.00	1.00	1.00
(20)	5.48	5.50	7.00	10.00	8.65	7.00	9.00	8.60
(21)	9.11	8.50	11.00	9.00	11.33	11.00	12.00	12.50
(22)	5.27	5.80	7.25	10.00	9.65	7.00	9.00	8.60
(23)	9.91	8.50	11.50	9.00	11.40	11.00	12.00	12.50
(24)	5.34	6.30	8.00	9.00	9.15	7.00	7.00	8.00
(25)	35.62	30.00	50.00	30.00	25.30	30.00	30.00	25.00
(26)	9.91	8.00	10.00	10.00	9.15	10.00	10.00	11.50
(27)	25.00	14.50	25.00	20.00	19.50	20.00	20.00	24.00
(28)	7.20	6.00	8.50	8.00	9.75	10.00	7.00	8.50
(29)	11.03	10.00	9.50	11.00	12.85	10.00	12.00	12.00
(30)	16.00	14.00	27.00	30.00	17.35	30.00	20.00	30.00
(31)	.015	.015	.02	.02	.024	.02	.015	.02
(32)	2.00	1.00	1.00	.50	.50	1.00	.50	.60
(33)	2.00	1.00	2.00	1.00	1.60	1.50	1.00	2.00
(34)	.33	.60	.30	.25	.50	.50	.50	.40
(35)	.13	.25	.12	.25	.45	.15	.60	.40
(36)	.027	.03	.02	.03	.025	.02	.015	.025
(37)	.027	.025	.015	.03	.03	.02	.02	.03
(38)	.027	.02	.01	.025	.015	.025	.015	.015
(39)	.027	.023	.015	.03	.03	.02	.02	.02
(40)	.04	.025	.05	.10	.12	.05	.15	.07
(41)	.027	.02	.02	.05	.10	.02	.05	.03
(42)	.027	.02	.02	.03	.03	.02	.02	.025
(43)	.034	.025	.02	.05	.035	.04	.02	.025
(44)	.034	.025	.04	.03	.025	.02	.03	.02
(45)	.027	.04	.07	.05	.10	.04	.05	.05
(46)	.027	.07	.20	.10	.10	.05	.05	.08
(47)	.67	.75	1.00	1.00	.50	1.00	1.00	.80
(48)	.20	.20	1.00	.50	.40	.75	.50	.60
(49)	.67	.20	1.00	.10	.40	.20	.40	.20
(50)	.02	.02	.05	.10	.04	.02	.06	.05
(51)	.04	.10	.06	.05	.08	.20	.10	.10
(52)	.37	.20	.25	.50	.25	.25	.10	.30
(53)	2,000.00	2,500.00	1,000.00	1,000.00	3,200.00	1,000.00	2,500.00	1,500.00

MACHINERY & MATERIAL

Bid calls for construction machin ery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until May 27, 3 P. M., bids will be received by R. H. Stalnaker, Equipment Engineer, Division of Highways, 1805 34th St., Sacramento, for the sale of miscellaneous equipment and supplies, including:

CHC 2749 Truck, 2-Ton P. T. Fageol Chassis.

CHC 1 Harrow, 5-ft. Killefer No. 52, 16 discs—20-in. diam.

CHC 162 Plow, for Snow: Baker No. 17-A, straight blade, speed, for truck.

CHC 88, Plow, for Snow: "V" Snow King Mod. 3A; for truck, complete with hydraulic hoist.

CHC'S 104, 105, 106—Plows for Snow, Western "V" Type, also

CHC 107, Wico "V" Type, all for motor-graders.

1 Drill Sharpener, Sullivan Class "B" with dies and drills.

1 Drill Sharpener Forge, Sullivan Type

Approximately 75 1-quart capacity hand fire extinguishers.

1-B & S 3-H. P. Gasoline Engine.

1 Pump Jack, Windmill Type, F & W 2-in. Hoosier for hand or power.

1—12-in. steel roller door complete with built-in swing door, brackets and fittings, all complete.

1 Ahl cabinet size heater with copper pipe complete.

1 "Centrifugal Pump Co." 1½ H. P. 440 V. 3 phase, 50 cycles, 1500 R. P.M. vertical motor for use with pump.

GROUP A—Electrical equipment and magneto parts, etc.

GROUP B—Emery cloth, sand paper, flue cleaners, grondstone wheels, etc.

GROUP C—Tool and tool handles.

GROUP D—Pipe cutters and dies, nails, scales, acetylene lights, screw jacks, etc.

GROUP E—Files, pipe tongs, wrenches

GROUP F—Pipe fittings, valves, pulleys, augers, etc.

GROUP G—Automobile equipment & parts.

GROUP H — Building ventilator, plumbing fixtures and fittings, doors, etc.;

GROUP I—Brass and copper tubing, office chair and desk, copying machine, etc.

The above equipment may be inspected at the Division of Highways Yards at 1805 34th St., Sacramento, on any working day between the hours of 8:30 A. M. and 4:30 P. M.

FRESNO, Cal.—Until May 27, 3 P. M., bids will be received by F. F. Green, Superintendent of Equipment, Shop 6, Division of Highways, 645 West Olive Ave., Fresno, for the sale of the following equipment:

CHC 3974—Truck, White Mod. 630 with 3½-yd. dump body and hydraulic hoist—1931.

CHC 3975—Truck, White Mod. 630 with 3½-yd. dump body and hydraulic hoist—1931.

CHC 97—Pump Unit, Fairbanks-Morse 4x6-in.;

CHC 2—Scarifier, Spearwell - Little Giant, 2-wheel, 11-teeth;

CHC 119—Trailer, 3-ton chassis only, 4-wheel, solid-tired.

The above equipment may be inspected at the Division of Highways' Yards, 645 West Olive Ave., Fresno, from 8:30 A. M. to 4:30 P. M., on any working day.

EUREKA, Cal.—Until May 27, 3 P. M., bids will be received by W. H. Pierce, Superintendent of Equipment, Shop 1, Division of Highways, Eureka, for the sale of the following equipment:

CHC 55—Shovel, Universal ⅓-yd. McCormick-Deering power unit.

CHC 56—Shovel, Universal ⅓-yd. McCormick-Deering power unit.

The above equipment may be inspected at the Division of Highways' Yards at Eureka, Calif., from 8:30 A. M. to 4:30 P. M., on any working day.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until May 27, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-36-247, for furnishing two dredge spud points made of cast steel.

Delivery fob Rio Vista.

Specifications obtainable from above office.

SAN FRANCISCO.—Until May 26, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, Lieut. Col. J. A. Dorst, District Engineer, under Bid No. 868-36-29, for furnishing one self-adjusting draghead for the U. S. Dredge "Dan C. Kingman."

Delivery fob bidder's plant, San Francisco Bay area.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until May 25, 3 P M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-244, for furnishing 500 split cedar fence posts, 7-ft. long and approximately 4x5-in. in cross section.

Delivery fob Rio Vista.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until May 26, 3 P M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-246 for furnishing 20 rolls wire fencing, 32-in. high, 12-in. between stays, and eight reels of barbed wire, two point.

Delivery fob Rio Vista.

Specifications obtainable from above office.

FORT MASON, Cal.—Until May 25, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-303, for furnishing 5700 bbls. Bunker B fuel oil.

To be delivered by barge to pipe line connection at wharf, Fort Winfield Scott.

Specifications obtainable from above office.

SAN FRANCISCO.—Until June 4, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-36-30, for furnishing 700 redwood ties, No. 2, 6x8-in. x 8-ft.

Delivery fob cars, North Jetty spur at either Samoa or Fairhaven.

Specifications obtainable from above office.

LOS ANGELES, Cal.—Until May 27, 3 P. M., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., for furnishing 500,000 lbs. fabricated steel and all other metal work incidental to the steel frame work in the superstructure for the Inglewood Blvd. bridge fob destination, 1 block north of Jefferson Blvd. on Inglewood Blvd. Circ. Prop. No. 664. Bid bond 10% must accompany bid.

ALCATRAZ ISLAND — Until May 26, 2 P. M., bids will be received by the Bureau of Prisons, J. A. Johnston, Warden, at Rm 214, Post Office Bldg. 7th and Mission Sts., San Francisco, under Bid No. 667, for furnishing and delivering one 10-in. x 6-in. x 10-in. boiler feed pump of the horizontal, outside end packed plunger, pot valve type, bronze fitted throughout.

Delivery f.o.b. Dock No. 1, Fort Mason.

Specifications obtainable from the above office.

NOTE:—This call for bids cancels and supersedes Bid No. 648, opened May 12.

SACRAMENTO, Cal.—Until May 26, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-245, for furnishing 5 kedge stock anchors of forged steel to weigh approximately 1500 lbs. each.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until May 29, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, under Proposal No. ER-868-36-19, for the lease of one Diesel powered motor launch, for use in transporting approximately 60 men and stores, etc., to the trip, operating from Pier 3½ to Yerba Buena Shoals and Yerba Buena Island.

Specifications obtainable from above office.

FORT MASON, Cal.—Until May 29, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-315, for furnishing miscellaneous supplies, including: jute burlap, slack pine barrels, excelsior, nails, flat strapping, wood boxes, 110,000 FBM Douglas fir lumber.

Specifications obtainable from above office.

NEVADA STATE

CHURCHILL COUNTY, Nev.—Until June 8, 7:30 P. M., bids will be received by the Board of Trustees of the Consolidated B School District, Annie B. Nichols, Secretary, Oats Park School Bldg., Fallon, for furnishing two Patchett & Carstensen school bus bodies, to be built on chasses delivered at the P & C factory, one having a capacity of 20 to 22 students, and one having a capacity of 24 to 26 students.

office.

Specifications obtainable from above

CANAL ZONE

PANAMA CANAL.—Until May 28, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule 3146, for furnishing miscellaneous lumber, including:

Southern yellow pine and Douglas fir flooring, boards, dimension, timbers, roofing plank, molding and screening strips, car stake lumber (fir, spruce, hemlock, or loblolly pine) or short leaf southern yellow pine) Southern yellow pine car framing lumber, creosoted Southern Yellow pine or Douglas fir cross ties and switch ties, and longleaf yellow pine structural car sills.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL.—Until June 8th, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washingington, D. C., under Schedule No. 3147 for furnishing cup greases, lubricant (chain and wire-rope) car and locomotive engine oil, cotton waste, and mixed cotton wiping cloths for the fiscal year ending June 30, 1937.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL — Until May 29, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3144, for furnishing 20,000 bbls. Portland cement.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

ALAMEDA COUNTY

SAN LEANDRO, Alameda Co., Cal. —Until June 1, 4 P. M., bids will be received by the San Leandro City Council, E. F. Hutchings, City Clerk, 1120 East 14th St., San Leandro, for furnishing rock and screenings for the fiscal year ending June 30, 1937.

Specifications obtainable from above office.

SAN LEANDRO, Alameda Co., Cal. —Until June 1, 4 P. M., bids will be received by the San Leandro City Council, E. F. Hutchings, City Clerk, 1120 East 14th St., San Leandro, for furnishing natural rock asphalt for the fiscal year ending June 30, 1937.

Specifications obtainable from above office.

SAN LEANDRO, Alameda Co., Cal. —Until June 1, 4 P. M., bids will be received by the San Leandro City Council, E. F. Hutchings, City Clerk, 1120 East 14th St., San Leandro, for furnishing and spreading oil on street surfaces and/or other public works in the city for the fiscal year ending June 30, 1937.

Specifications obtainable from above office.

FRESNO COUNTY

SANGER, Fresno Co, Calif.—Until June 9, 8 P. M, bids will be received by the Board of Trustees of the Sanger Union High School, H. F. Knapp, Clerk, for furnishing a school bus chassis and body with capacity of 49 students.

Specifications obtainable from above office.

RECLAMATION SERVICE

BOULDER CITY, Nevada — Until May 28, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 793-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, steel cable racks and supports for the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 75c not returnable.

ALMONT, Colorado—Until May 29, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 796-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Almont, Colorado, structural steel for bridges over the outlet and spillway channels at Taylor Park Dam, Uncompahgre Project, Colorado. The bridges will be erected by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, 50c, not returnable.

BOULDER CITY, Nev.—Until June 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Denver, Colo., under Spec. No. 687, for furnishing and delivering fob cars at the shipping point and/or Boulder City, five 30-inch sphere valves for installation in the station service penstock at the Boulder power plant. The valves will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $1.50, not returnable.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until May 27, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, for furnishing miscellaneous supplies as follows:

Spec. No. L.S. 172: 50,000 l.f. ¾-inch seamless copper tubing;

Spec. No. L.S. 173: 450 gate valves (350 6-in.; 50 4-in. and 50 8-in.);

Spec. No. L.S. 174: 2355 cast iron pipe fittings, 4- to 12-in.

Informal Proposal No. 745: 50 tons pig lead in 100-lb. bars.

Specifications obtainable from above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif. — Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

MAY 25, 2 P. M.:

BID NO. 3514: 250 doz. canteens, 4-qt., standard blanket covered, recovered with 10 oz. canvas; fob bidder's shipping point;

BID NO. 3519: 300 mile No. 9 BWG galv. iron telephone wire in one-fourth mile coils; fob Portland, Oreg. and/or bidder's shipping pt.

MAY 26, 2 P. M.:

BID NO. 3513: 500 each, electric headlights, complete except batteries, 3 cell type; fob bidder's shipping point and/or Milwaukee, Wis.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Calif. — Bids will be received by H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

MAY 25, 2 P. M.:

BID NO. 3520: 983 ft CMP culvert and 14 band couplings; fob bidder's shipping point.

MAY 26, 2 P. M.:

BID NO. 3521: 24 fire extinguishers, one-qt. size, carbon tetrachloride type; fob bidder's shipping point and/or Pasadena.

Specifications obtainable from above office.

MET. WATER DISTRICT

LOS ANGELES, Calif.—Until June 19, 10 a.m., bids will be received by the Metropolitan Water District, 306 West Third St., Los Angeles, for furnishing overhead traveling cranes for the Colorado River Aqueduct pumping plants in accordance with Specifications No. 156.

The cranes to be furnished have been grouped as follows:

Item (1) Intake and Gene Pumping plants; 2 cranes; rated capacity 60 tons.

Item (2) Iron Mountain Pumping Plant; one crane; rated capacity 40 tons.

Item (3) Eagle and Hayfield Pumping Plants; 2 cranes; rated capacity 70 tons.

Bids may be submitted for any item or items, but no bid will be considered for part of an item.

Certified or cashier's check must accompany each bid and be in an amount for each item as follows:

Item (1) $2,500
Item (2) 1,000
Item (3) 3,500

F. E. Weymouth, General Manager and Chief Engineer.

Copies of the specifications may be obtained at room 1007, 306 West Third Street, upon payment of $2 per set, not returnable.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

PLUGS, attachment, 18,000; Mare Island. Sch. 7873; May 22.

ANCHORS, stockless, 4000-lb., 4; Mare Island. Sch. 7875; May 26.

CEMENT, Portland; 3000 bbls., Mare Island; 3500 bbls., San Francisco; Sch. 7836; May 29.

VALVES, pressure reducing air, and spares; Mare Island. Sch. 7895; May 29.

WELDING sets, electric arc, and spares, 46; East and West Yards. Sch. 7885; May 29.

Information obtainable from above office and from Headquarterts, 12th Naval District, Federal Office Bldg., Civic Center, San Francisco.

OAKLAND CITY

OAKLAND, Cal.—Until May 28, 8 P. M., bids will be received by the Oakland City Council, W. L. Chappell, City Clerk, City Hall ,for furnishing one gasoline - propelled truck chassis for the fire department.

Specifications obtainable from above office.

SAN JOAQUIN COUNTY

STOCKTON, San Joaquin Co., Cal. —Until May 27, 5 P. M., bids will be received by the Stockton City Council, B. L. Trahern, City Clerk, City Hall, for furnishing automatic traffic signal and control equipment.

Specifications obtainable from above office.

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IN THIS ISSUE

$8,000,000 Fair Work This Year

N. Y. Architect Wins Oregon Design Competition

Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

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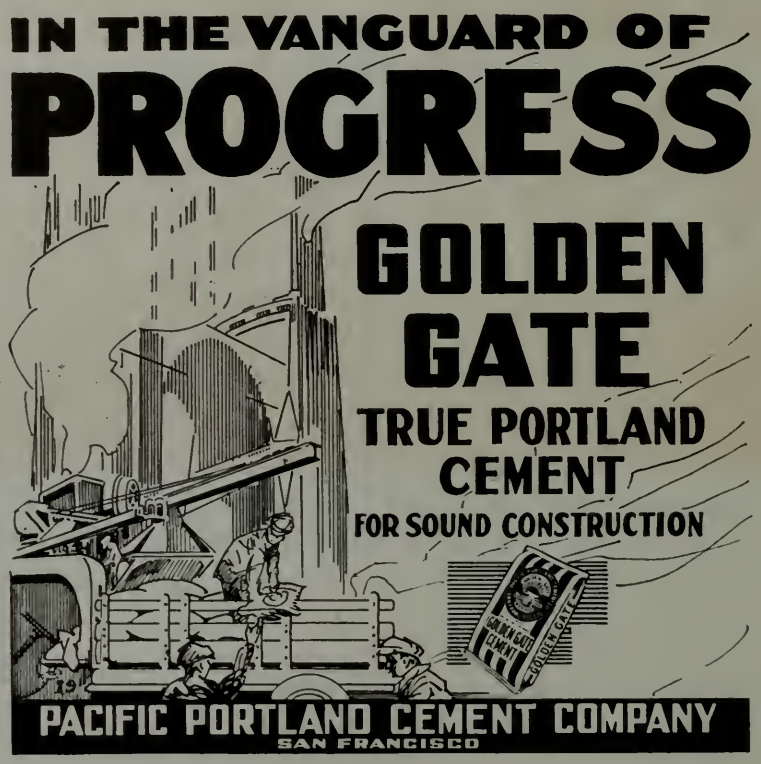

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CENTRAL VALLEY PROJECT FUND IN CONFERENCE

Reclamation Construction Blocked By Adverse Vote Of House

Further hope for an appropriaiton to construct parts of the Central Valley Water Project and other important projects under jurisdiction of the U. S. Reclamation Service is given in statements by Members of the California congressional delegation following the refusal of the House of Representatives to concur in a Senate amendment to the Interior Department appropriation bill carrying $58,000 000 for western reclamation construction. Central Valley and sixteen other major developments will be left without funds unless the appropriation receives favorable reconsideration in the House.

Defeat of the bill in the House returns it to a joint conference committee. One of the arguments used against the measure was a claim that the Federal government would be committed to an ultimate expenditure of $683,000,000 to complete Central Valley. California congressmen have requested Acting Commissioner of Reclamation John C. Page to report a complete breakdown of cost on the work proposed with which to answer this claim. Proponents of the project estimate the total cost at $165,000,000.

A determined stand in the Senate to include the $58,000,000 item for reclamation work is promised by western senators and they will have the support of President Roosevelt, according to Senator W. G. McAdoo.

Spokesmen for the California delegation charged that defeat of the reclamation program was due to "vindictive opposition" from eastern and southern representatives and the vote was not a test of the merit of the expenditures.

Secretary of the Interior Harold Ickes said work would be halted at Grand Coulee October 1, when the available funds will be exhausted unless the new appropriation is authorized.

N. Y. ARCHITECT WINS COMPETITION

PORTLAND, Ore., May 27.—The State Capitol Reconstruction Commission today selected Goodhugh Livingston of the architectural firm of Trowbridge and Livingston, associates of Frances Keally, 101 Park Ave., New York City, to design the $2,200,000 new state capitol.

W. P. Day, San Francisco, is among five architects receiving awards of $1500 each. The others are Wesley Sherwood Bessell, De Young & Moscowitz, and John A. Thompson and Gerald A. Holmes, all of New York, Walter T. Karcher and Livingston Smith, Philadelphia.

Mr. Livingston's design was the final choice of the jury of award and the reconstruction commission from 124 entries received in an open competition. The rules of the contest require the winner to be associated with an Oregon architect, whom it is expected will be selected immediately.

Plans for the building are to be completed for submission to the state office of PWA by September 15.

$151,000 Allotted To Harbor Work At S. F. Ports

A total of $151,000 for new work in San Francisco bay is allotted to two projects by the U. S. Engineer Corps in the annual rivers and harbors appropriation.

The appropriation act carries $94,000 for dredging a channel from deep water to the proposed Redwood City harbor. This expenditure is contingent on the provision by the city of a similar amount toward dredging and the construction of terminal facilities. A special election is being held June 11 on a bond issue of $266,000 to finance the city's share of the harbor development.

Richmond harbor improvement to cost $57,000 is authorized in the new bill.

GRAYS HARBOR JETTY CONTRACT BIDS JUNE 11

Completion Of Washington Harbor Protection Estimated At $4,000,000

Bids for completion of the south jetty at Grays Harbor, Washington cost of which is estimated at approximately $4,000,000, will be opened June 11 in Seattle by the U. S. Engineers, it is announced.

Preliminary work on the jetty is nearing completion under a $450,000 contract let last year to Columbia Construction Co. of Portland.

One of the largest port development projects in the northwest in recent years, the jetty work will be let under a continuing contract, contingent upon appropriation of additional funds by congress. Approximately $1,000,000 is available at preent and further appropriations are anticipated as the work progresses.

Completion of the project will require from two to three years, it is estimated.

Quantities involved in the $4,000,000 contract include 235,000 l.f. of Douglas fir piling in place; 22,300 l.f. Douglas fir piling cut off; 2215 MBM lumber; 54,500 pounds drift bolts; 111,800 lbs. machine bolts and washers; 144,000 lbs. of boat and wire spikes; 41,300 lbs. of railroad spikes; 522 tons of 65-lb. rail with splice bars and bolts; 16,900 railroad ties; six complete turnouts; 84,000 l.f. of wire cable not less than ⅝-in. in diameter; 2800 steel straps on jetty tramway 5570 metal pile shoes; 7500 anti-rail creepers; 300 c.y. of embankment in place and 1,290,020 tons of stone in jetty, including maintenance stone.

START 15 DWELLINGS IN VALLEJO TRACT

Fifteen new dwellings are in construction in Fleming subdivision in Vallejo, according to James V. O'Hara, realtor of that city. They will represent an investment of $90,000 when completed.

Exposition Corp. Schedules $8,000,000 Work On Site This Year; Plans Told

Construction to cost approximately $8,000,000 will have been started on the site of the 1939 Exposition before the end of this year, officials of San Francisco Bay Exposition, Inc., told a dinner gathering of more than three hundred Tuesday night at the St. Francis Hotel. The meeting was arranged by the American Institute of Architects, Northern California Chapter, and the Producers' Council, Northern California Club.

W. P. Day, director of works for the Exposition, reviewed in detail the construction plans formulated to date. The corporation must award contracts this summer for all projects in which PWA is participating, Mr. Day said. This work is estimated at $4,209,000. It includes the four ferry slips, costing about $450,000, already under contract; two steel and concrete airplane hangars; airport administration building; the ferry terminal building, certain exhibit buildings and paving the grounds. The exposition headquarters building at Bush and Stockton Streets will be completed by Lindgren & Swinerton by July 8 and will be occupied immediately. It also is financed in part by PWA.

Excepting the buildings, much of the work necessary to prepare the Exposition site has been authorized as a WPA project, Mr. Day said. This includes making the 19,000,000-yard fill, placing the rock retaining wall, constructing the water supply and distributing system, roads and bridges, landscaping and architectural and engineering design.

Cost of reclamation is estimated at $3,803,000. The fill is being placed by dredges of the U. S. Engineer Corps, five of which are at the site. The equipment working includes three suction dredges, one hopper dredge and one clamshell. The rock retaining wall is under contract to Marinap Corp. at $278,000. The U. S. Engineers have scheduled completion of a section of the fill extending 1500 feet northerly from the southerly boundary by July 15. This will permit construction of buildings to start soon thereafter.

Plans are being completed for a structure to connect the San Francisco-Oakland Bay Bridge with a driveway to the Exposition site, Mr. Day announced. This connection, probably will be made near the westerly portal of the Yerba Buena tunnel. As designed for the period of the Exposition it will be 64 feet wide, permitting six lanes of automobile traffic and will connect with both bridge decks. For a distance of 100 feet from the bridge it will be of permanent steel and concrete construction. The remaining section will be part permanent and part temporary construction. It will be financed with WPA funds and is estimated to cost $345,000. A decision has not been made as to whether it will be contracted or will be built with WPA laborers.

Public Utilities Commission engineers are preparing plans for the water supply system. The scheme is to pump water from a point on the Embarcadero through a 10- or 12-inch pipe line laid on the bay bridge to a terminal reservoir on Yerba Buena Island. The reservoir will be located at an elevation of about 250 feet. It will probably have a capacity of 1,400,000 gallons. Estimated requirements of the Exposition are 2,500,000 gallons daily.

The water supply and distributing system is to be constructed with WPA funds.

WPA also has allotted $498,000 for landscaping. Preparation of plant stock will start at once in a special nursery in Balboa Park under supervision of the Park Commission.

A staff of fifty is engaged in preparation of architectural and engineering plans for the Exposition, with headquarters temporarily in the Kohl Building.

Plans for the two hangars and the airport building will be completed shortly and will be transmitted to the Public Utilities Commission for contracting. Bids probably will be taken about July 1 on the hangars and by August 1 on the terminal building.

At a later date contracts will be let for the ferry terminal building and for the exhibit palaces.

George W. Kelham as chairman of the Exposition Architectural Commission spoke of general plans for the grounds and buildings. The members of the commission in addition to Mr. Kelham are Arthur Brown, Jr., Timothy Pflueger, Ernest Weihe, W. G. Merchant, Lewis Hobart.

The plan on which the commission is working is a composite of individual plans, Mr. Kelham said, with the objective of meeting three fundamental conditions: (1) To keep the various areas in which visitors will congregate sheltered from the summer trade winds that blow across the Bay; (2) Keep entrances and exits widely separated in order that traffic will flow naturally through all parts of the grounds and for safety; (3) To place the amusement and concession zone in a central location, easily accessible.

The architects' problem has been complicated by the necessity of harmonizing Exposition plans with the plans for ultimate use of the site as an airport and the requirement that certain of the buildings now being erected be of permanent construction and located and designed for airport use.

The tentative layout now has been constructed in a 30-foot model, from which the architects are working, Mr. Kelham announced.

Leland W. Cutler, president of the Exposition corporation, and Wm. E. Gillmore, executive officer of the corporation, also spoke briefly. W. G. Corlett, president of the A.I.A., Northern California Chapter, was toastmaster and chairman. The program was arranged by Mr. Corlett, J. A. Mitchell, A.I.A. secretary, J. C. MacKenzie, vice-president of the Producers' Council, Northern California Club, and H. E. Root, secretary of the council.

BOARD VOTES GAS STATION ACT REVISION

Ordinance Sets Limits For Locating Service Depots

The amended ordinance governing construction and operation of gasoline supply stations was passed for second reading by the San Francisco supervisors this week after months of dispute during which one ordinance was approved by the board and vetoed by Mayor Rossi.

The ordinance as approved this week establishes new distance limits for service stations from hospitals, schools, churches and theatres, and widens the scope of regulations.

Under terms of the new ordinance service stations may be erected 200 feet from the nearest property line of hospitals, 60 feet from the nearest property line of churches or theatres, and 150 feet from the nearest entrance of any school provided that the nearest property line of the station does not come within 100 feet of the nearest property line of the school.

The present ordinance sets 200 feet as a distance limit between service stations and all schools, churches, theatres and hospitals.

In addition to altering distance limits the amended ordinance defines schools, churches, theatres and hospitals; regulates the dismantling of discontinued service stations; requires that equipment for washing automobiles be properly housed and its operation conducted in accordance with rules to be established by the Chief Engineer of the fire department; and provides for a fine of from $10 to $50 or a jail sentence of not more than thirty days for violation of provisions of the ordinance.

Regulations governing the storage of gasoline, installation of equipment, safety provisions, jurisdiction of the fire marshal, and definition of gasoline supply stations to be governed by the ordinance remain substantially the same as in the previous ordinance vetoed by Mayor Rossi.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1002	Berwick	Owner	3500
1003	Berwick	Owner	3500
1004	Martin	Owner	3000
1005	Merwin	Johnson	5000
1006	Lyon	Thulin	3000
1007	Timossi	Hansell	1000
1008	Nelson	Owner	3500
1009	Nelson	Owner	4250
1010	Nelson	Owner	3500
1011	Nelson	Owner	3500
1012	Reliance	Soule	12000
1013	Johnson	Owner	4000
1014	Johnson	Owner	4000
1015	Bennett	Hjul	4000
1016	Arnold	Wolter	5000
1017	Capital	Lengfelder	2900
1018	Phoenix	Jensen	2000
1019	Fletcher	Jensen	1000
1020	Barber	Duerner	4000
1021	Doelger	Owner	4000
1022	Doelger	Owner	4000
1023	Doelger	Owner	4000
1024	Furey	Bay	4000
1025	Sekara	Risu	6000
1026	Shea	Bay	4000
1027	Kelly	Owner	5000
1028	Herzig	Owner	5500
1029	Herzig	Owner	6000
1030	Herzig	Owner	5500
1031	Herzig	Owner	6000
1037	Stoneson	Owner	3500
1038	Stoneson	Owner	3500
1039	Stoneson	Owner	3500
1040	Stoneson	Owner	3500
1041	Stoneson	Owner	3500
1042	Stoneson	Owner	3500
1043	Morris	Owner	4000
1044	Morris	Owner	4000
1045	Barker	Duerner	4000
1046	Barker	Duerner	4000
1047	O'Burke	O'Shanna	2000
1048	Rios	Lind	3000
1049	Domreis	Owner	3500
1050	Pacific	Jacks	30000
1051	Siller	Coburn	5000
1052	Meyer	Owner	3800
1053	Arnott	Owner	5500
1054	Arnott	Owner	5000
1055	Arnott	Owner	5000
1056	Sonobrone	Rocca	6000
1057	Doelger	Doelger	4000
1058	Doelger	Doelger	4000
1059	Fairmont	Hopper	35000
1060	Henry	Owner	1000
1061	Niemann	Owner	1000
1062	Bischoff	Aetna	4000
1063	Bracco	Delucchi	3000
1064	Rios	Lind	3000
1065	Kalend	Erickson	3600

DWELLING
(1002) W LAMARTINE ST. 225 N Cayuga Ave. One-story and basement frame dwelling.
Owner—A. Berwick, 1525 Noe Street, San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3500

DWELLING
(1003) W LAMARTINE ST. 250 N Cayuga Ave. One-story and basement frame dwelling.
Owner—A. Berwick, 1525 Noe Street, San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3500

DWELLING
(1004) NE AMAZON AND MADRID Sts. One-story and basement frame dwelling.
Owner—Martin & Alessandri, 766 Silver Ave., San Francisco.
Architect—Not Given. $3000

OFFICES
(1005) NW FOURTH AND FREELON Sts. One-story Class C offices and shop.
Owner—E. L. Merwin Jr., 224 Spear St., San Francisco.
Engineer—H. A. Emrich, 1280 Indiana St., San Francisco.
Contractor—Louis Johnson, 666 Mission St., San Francisco. $5000

ALTERATIONS
(1006) NO. 2404 BROADWAY. Alter dwelling.
Owner—P. H. Lyon, % Contractor.
Architect—Not Given.
Contractor—A. L. Thulin, 60 Brady St., San Francisco. $3000

ALTERATIONS
(1007) NO. 2955 CLAY ST. Alter apartments.
Owner—V. Timossi, Premises.
Architect—Not Given.
Contractor — Geo. H. Hansell, 1834 Geary St., San Francisco. $1000

DWELLING
(1008) N ROMAIN 55 E Corbett. One-story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Ave.
Architect—Not Given. $3500

DWELLING
(1009) E 26th AVE. 154 S Ocean. One-story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Ave.
Architect—Not Given. $4250

DWELLING
(1010) W Levant 170 S Roosevelt. One-story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Ave.
Architect—Not Given $3500

DWELLING
(1011) N ROMAIN 27 E Corbett. One-story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Ave.
Architect—Not Given $3500

ALTERATIONS
(1012) FOLSOM ST. bet. 16th and 17th Sts. Alter factory.
Owner—Reliance Trailer & Truck Co. 2765 16th Street.
Engineer—Philip Baker, 1750 Army.
Contractor—Soule Steel Co. 1750 Army Street $12,000

DWELLING
(1013) W 28th AVE. 125 N Rivera. One - story and basement frame dwelling.
Owner and Builder—J. Harold Johnson, 771 28th Ave., Oakland.
Architect—Not Given. $4,000

DWELLING
(1014) W 28th AVE. 150 N Rivera. One - story and basement frame dwelling.
Owner and Builder—J. Harold Johnson, 771 28th Ave., Oakland.
Architect—Not Given. $4,000

TRUCK TERMINAL
(1015) NE 16th ST. and Daggett St. One-story mill construction truck terminal.
Owner—E. W. Bennett, 2000 16th St.
Engineer—Jas. H. Hjul.
Contractor—Jas. H. Hjul, 128 Russ Street. $4,000

DWELLING
(1016) SW FERNWOOD and Brentwood. Two - story and basement frame dwelling.
Owner—W. H. Arnold, 2101 Cecelia.
Architect—Conrad Kett, 519 California Street.
Contractor—Paul A. Wolter, Jr., 72 Fernwood. $5,000

ALTERATIONS
(1017) NW COLUMBUS AVE. and Green St. Alter stores and apts.
Owner—Capital Co., 625 Market.
Architect—Not Given.
Contractor—Langfelder and Schuster, 280 Wawona. $2,900

ALTERATIONS
(1018) 360 PINE ST. Alter offices.
Owner — Phoenix Assurance Co., 360 Pine Street.
Architect—Francis E. Lloyd, 360 Pine Street.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street. $2000

ALTERATIONS
(1019) 2737 VALLEJO Street. Alter dwelling.
Owner—Dr. Harold Fletcher, premises
Architect—Not Given.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street. $1,000

DWELLING
(1020) W 20th AVE. 135 S Quintara. One - story and basement frame dwelling.
Owner—J. G. and J. J. Barber, care contractor.
Architect—Not Given.
Contractor—Jas. C. Duerner, 301 Evergreen. $4,000

DWELLING
(1021) E 16th AVE. 234 N Lomita. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1022) E 16th AVE. 294 N Lomita. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1023) E 16th AVE. 264 N Lomita. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1024) N QUINTARA ST. 120 E 17th Ave. One-story and basement
Owner—J. I. Furey, 838 Taraval St., San Francisco.
Architect—Not Given.
Contractor—Bay Cities Bldg. Co., 160 Russ St., San Francisco. $4000

FLATS
(1025) S DUNCAN ST. 117 W Guerrero St. Two-story and basement frame flats.
Owner — Freda Sekara, 1264 Church St., San Francisco.
Architect—Not Given.
Contractor—E. O. Risu, 528 Douglass St., San Francisco. $6000

DWELLING
(1026) S KIRKHAM ST. 33 E 23rd Ave. One-story and basement frame dwelling.

Owner—Con T. Shea, 554 7th Avenue, San Francisco.
Architect—Not Given.
Contractor—Bay Cities Bldg. Co., 160 Russ St., San Francisco. $4000

FLATS
(1027) N LAWTON ST. 85 E 21st Ave. One-story and basement frame flats.
Owner—Robert P. Kelly, 2227 20th Ave., San Francisco.
Architect—Not Given. $5000

DWELLING
(1028) E GOLETA ST. 40 N Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig 700 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. Cost, $5500

DWELLING
(1029) E GOLETA ST. 160 N Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig 700 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco $6000

DWELLING
(1030) E GOLETA ST. 120 N Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig 700 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. Cost, $5500

DWELLING
(1031) E GOLETA ST. 20 N Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig 700 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $6000

DWELLING
(1037) NE MT. VERNON ST. 123 NW Cayuga Ave. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1038) NE MT. VERNON ST. 148 NW Cayuga Ave. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1039) SW SHAWNEE ST. 150 NW Cayuga Ave. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1040) NE MT. VERNON ST. 98 NW Cayuga Ave. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1041) SW SHAWNEE ST. 100 NW Cayuga Ave. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1042) SW SHAWNEE ST. 125 NW Cayuga Ave. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1043) W THIRTY-SEVENTH AVE. 225 S Santiago St. One-story and basement frame dwelling.
Owner — A. T. Morris & Sons, 5400 Fulton St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1044) W THIRTY-SEVENTH AVE. 200 S Santiago St. One-story and basement frame dwelling.
Owner — A. T. Morris & Sons, 5400 Fulton St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1045) W TWENTIETH AVE. 56 S Quintara St. One-story and basement frame dwelling.
Owner—J. G. and J J. Barker, % Contractor.
Architect—Not Given.
Contractor—J. C. Duerner, 301 Evergreen St., S. F. $4000

DWELLING
(1046) W TWENTIETH AVE. 81 S Quintara St. One-story and basement frame dwelling.
Owner—J. G. & J. J. Barker, % Contractor.
Architect—Not Given.
Contractor—J. C. Duerner, 301 Evergreen St., S. F. $4000

ALTERATIONS
(1047) NO. 25 TRINITY PLACE. Alter restaurant.
Owner—H. O'Burke, Premises.
Architect—Not Given.
Contractor—John O'Shanna, 231 Stevenson St., San Francisco. $2000

DWELLING
(1048) SW RIVOLI ST. 100 E Stanyan St. One-story and basement frame dwelling.
Owner—S. Rios, 1029 Douglass Street, San Francisco.
Architect—Not Given.
Contractor—R. Lind, 54 Stanton St., San Francisco. $3000

DWELLING
(1049) SE ROOSEVELT WAY 111 NE 17th St. One-story and basement frame dwelling.
Owner—Albert H. Domreis, 4125 Kirkham St., San Francisco.
Architect—Not Given. $3500

FACTORY
(1050) NW NEWHALL AND CARroll Sts. Class A factory.
Owner—Pacific Can Co., % Contractor.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Engineer—H. Rosenthal, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. $30,000

REPAIRS
(1051) NO. 946 GEARY ST. Repair fire damage to apartments.
Owner—E. Siller, % Contractor.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $5000

DWELLING
(1052) SE JUANITA ST. 60 SW Fowler St. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr., San Francisco.
Architect—Not Given. $3800

DWELLING
(1053) W TWENTY-FOURTH AVE. 370 N Ocean Ave. One-story frame dwelling.
Owner—James A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given. $5500

DWELLING
(1054) W TWENTY-FOURTH AVE. 330 N Ocean Ave. One-story frame dwelling.
Owner—James A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given. $5000

DWELLING
(1055) W FOURTEENTH AVE. 290 N Ocean Ave. One-story frame dwelling.
Owner—James A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given. $5000

DWELLING
(1056) N FILBERT ST. 182 W Hyde St. Two-story & basement frame dwelling.
Owner—Joe Sonobrone, 770 Filbert St., San Francisco.
Architect—Not Given.
Contractor—Frank Rocca, 2935 Franklin St., San Francisco. $6000

DWELLING
(1057) E SIXTEENTH AVE. 203 N Lamita St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1058) E SIXTEENTH AVE. 171 N Lamita St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(1059) NW HAIGHT & COLE STS. Alter theatre.
Owner—Fairmont Theatre Co., Inc., % Goolden Gate Theatre Co., 25 Taylor Street.
Architect—Not Given.
Contractor — Alfred J. Hopper, 1769 Pleasant Valley Ave., Oakland. $35,000

ALTERATIONS
(1060) NO. 220 TURK ST. Alter restaurant.
Owner—Mrs. Dixie Henry, 1635 Gough St., San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(1061) SW HYDE AND NORTH Point Sts. Alter dwelling.
Owner—Wm. Niemann, Premises.
Architect—Not Given. $1000

DWELLING
(1062) E TWENTY-SECOND AVE. 120 N Ocean Ave. One-story and basement frame dwelling.
Owner—W. Bischoff, % Contractor.
Architect—Not Given.
Contractor—Aetna Constr. Co., 1730 24th Ave., San Francisco. $4000

STORE
(1063) NW TWENTY-FIFTH AVE. and Judah St. One-story frame store.
Owner—E. Bracco, % Contractor.
Architect—Not Given.
Contractor—Richard Delucchi & Co., 3275 San Bruno Ave. $3000

DWELLING
(1064) SW RIVOLI ST. 100 E Stanyan St. One-story and basement frame dwelling.
Owner—S. Rios, 1029 Douglas St., San Francisco.
Architect—Not Given.
Contractor—F. Lind, 54 Stanyan St., San Francisco. $3000

DWELLING
(1065) S LIEBIG ST. 450 E San Jose Ave. One-story and basement frame dwelling.

Owner—M. Kalend, 4 Brumiss Terrace San Francisco.
Architect—Not Given.
Contractor — Henry Erickson, 972 Chenery St. $3600

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
796	Hiller	Walstrom	5000
797	Hommel	Early	4000
798	Nelson	Benschop	6000
799	Hodge	Western	1500
800	Berry	Owner	1800
801	Bliss	Alexander	2500
802	Currance	Owner	4000
803	Chickering	Stockholm	5600
804	Small	Armstrong	15000
805	Crane	Campomenosi	10000
806	Raab	Owner	1200
807	Swindell	Owner	3000
808	McEntyre	Nelson	6000
809	Kudna	Hansen	5700
810	Bartholomew	Owner	2000
811	Coffman	Pickerell	6000
812	Perata	Tollifsen	5000
813	Dowling	Owner	4000
814	Rohn	Owner	2750
815	Perry	Owner	3000
816	Woodburn	Woodburn	10000
817	Carpenter	Kelly	2410
818	Newsom	Walstrom	4000
819	Stratis	Acme	5350
820	Gerdt	Rose	1500
821	Jacobs	Short	4500
822	Lindstrom	Owner	5000
823	Alpha	Windsor	1000
824	Johnson	Hammarberg	6000
825	Shaw	Armstrong	8500
826	Dougery	Kennedy	5000
827	Gracie	Melrose	1000
828	Scammell	Owner	5000
829	Stroud	Owner	5200
830	Bay	Western	2500
831	Safeway	Barrett	12500
832	Rose	Owner	7750

SWIMMING POOL
(796) 277 TUNNEL RD., **OAKLAND.** Concrete swimming pool and bath house.
Owner—Stanley Hiller, 277 Tunnel Rd. Oakland.
Plans by J. K. Ballantine.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland. $5,000

REPAIRS
(797) 2340 ADELINE ST., **OAKLAND.** Fire repairs.
Owner—Leon Hommel, 2340 Adeline St., Oakland.
Architect—Not Given.
Contractor—F. J. Early, Jr., 366 40th St., Oakland. $4,000

DWELLING
(798) 2501 EIGHTH AVENUE, **OAKLAND.** One-story 7-room dwelling and 1-story garage.
Owner—Ted Nelson.
Architect—Not Given.
Contractor—A. M. Benschop, 5825 Dover St., Oakland. $6400

ALTERATIONS
(799) 886 41st ST., **OAKLAND.** Alterations and additions.
Owner—Thos. Hodge, 886 41st Street. Oakland.
Architect—Not Given.
Contractor—Western Const. & Engr. Co., 2205 Magnolia St., Oakland. $1500

ALTERATIONS
(800) 9803 EAST 14th ST., **OAKLAND.** Alterations.
Owner and Contractor—A. L. Berry, 1208 E 14th St., San Leandro.
Architect—Not Given $1800

SERVICE STATION
(801) 139 14th ST., **OAKLAND.** One-story steel service station.
Owner—Mattie K. Bliss, et al.
Architect—Not Given.
Contractor — Fred D. Alexander, 358 17th St., Oakland. $2500
Also 1-story steel comfort station, $500.

DWELLING
(802) 8108 NEY AVE., **OAKLAND.** Two-story 6-room dwelling and 1-car garage.
Owner and Builder—H. D. Currauce, 8100 Ney Ave., Oakland.
Architect—Not Given. $4000

ALTERATIONS
(803) 11 SIERRA AVENUE, **PIEDMONT.** Alterations to residence.
Owner—A. L. Chickering, premises.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—C. Stockholm, 743 Longridge St., Oakland. $5600

DWELLING
(804) 20 MARLBOROUGH COURT, **PIEDMONT.** Dwelling.
Owner—Herriot Small, 250 Perkins St. Oakland.
Architect—Clarence Mayhew, 6026 Acacia St., Oakland.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland. $15,000

DWELLING
(805) 117 SANDRINGHAM ROAD, **PIEDMONT.** Dwelling.
Owner—Dr. W. Crane.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — E. Campomenosi, 6401 Broadway Terrace, Oakland. $10,000

ADDITION
(806) 3146 BONA ST., **OAKLAND.** Addition.
Owner and Builder—W. A. Raab, 3146 Bona St., Oakland.
Architect—Not Given. $1200

DWELLING
(807) 4443 STEELE ST., **OAKLAND.** One-story 5-room dwelling.
Owner and Builder—Deane Swindell, 2931 68th Ave., Oakland.
Architect—Not Given. $3,000

DWELLINGS
(808) 238-244 CROSS ROADS, **OAKLAND.** Two two story six-room dwellings.
Owner—C. H. McEntyre, 915 Financial Center Bldg., Oakland.
Architect—Not Given.
Contractor—H. Nelson, 915 Financial Center Bldg., Oakland. $6000 ea.

oDWELLING
(809) NO. 1422 GIBBONS DRIVE, **ALAMEDA.** Two-story 7- room dwelling.
Owner—Emil L. Kudna, Premises.
Architect—Not Given.
Contractor—Chris. Hansen, 1500 Santa Clara Ave., Alameda. $5700

DWELLING
(810) NO. 1720 TREGLOAN PLACE, **ALAMEDA.** Two-story five-room dwelling.
Owner—Lewis A. Bartholomew, 2306 Central Ave., Alameda.
Architect—Not Given. $2000

DWELLING
(811) NO. 914 CENTRAL AVENUE, **ALAMEDA.** Two-story 6-room dwelling and store.
Owner—H. O. Coffman, 1220 High St., Alameda.
Architect—Not Given.
Contractor — J. H. Pickrell, 1738 Alameda Ave., Alameda. $6000

DWELLING
(812) NO. 3246 CENTRAL AVENUE, **ALAMEDA.** One-story six-room dwelling.
Owner—Bernard Perata, Doris Court, Alameda.
Architect—Not Given.
Contractor — C. Tollifsen, 1720 39th Ave., Oakland. $5000

DWELLING
(813) NO. 2807 OTIS DRIVE, **ALAMEDA.** One-story 5-room dwlg.
Owner—S. J. Dowling, 2800 Clay St., Alameda.
Architect—Not Given. $1000

ALTERATIONS
(814) 505 WASHINGTON ST., **OAKLAND.** Alterations.
Owner and Contractor—Rohn - Reeth & Livingston, 514 5th St., Oakland
Architect—Not Given. $2750

DWELLING
(815) 226 MATHER ST., **OAKLAND.** One-story 5-room dwelling.
Owner and Contractor—R. Perry, 228 Mather St., Oakland.
Architect—Not Given. $3,000

DWELLINGS
(816) 608-614 EAST 20th ST., **OAKLAND.** Two one - story six-room dwellings.
Owner—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—Not Given.
Contractor—R. Woodburn, 624 Prospect Ave., Oakland. $5,000 each

ALTERATIONS
(817) 763 12th ST., **OAKLAND.** Alterations.
Owner—Carpenters Union, 763 12th St. Oakland.
Architect—Not Given.
Contractor—Kelly & Tulloch, 335 8th St., Oakland. $2410

DWELLING
(818) NO. 5951 CONTRA COSTA RD, **OAKLAND.** Two-story six-room dwelling.
Owner—Archie T. Newsom, Russ Bldg. San Francisco.
Architect—Newsom & Newsom, Russ Bldg., San Francisco.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland. $4000

DWELLING
(819) NO. 5854 ST. PAUL COURT, **OAKLAND.** Two-story five-room dwelling.
Owner—L. Stratis, 1765 5th St., Oakland.
Architect—Not Given.
Contractor — Acme Constr. Co., 354 Hobart St., Oakland. $5350

ALTERATIONS
(820) NO. 2304 FULTON STREET, **BERKELEY.** Alterations and repair fire damage.
Owner—G. Gerdt.
Architect—Not Given.
Contractor—A. H. Rose, 70 Buckeye St., Berkeley. $1500

DWELLING
(821) NO. 30 ALAMO ST., **BERKELEY.** Two-story 5-room frame dwelling and garage.
Owner — Mrs. Mable H. Jacobs, 815 Coventry Road, Berkeley.
Architect—Not Given.
Contractor—J. V. Short, 1386 Euclid Ave., Berkeley. $4500

DWELLING
(822) NO. 870 REGAL ST., **BERKELEY.** One-story five-room frame dwelling and garage.
Owner—N. W. Lindstrom, 2940 Ellis St., Berkeley.
Architect—Not Given. $5000

ADDITION
(823) 2400 PIEDMONT, **BERKELEY.** Addition.
Owner—Alpha Delta Pi Sorority, 2400 Piedmont Ave., Berkeley.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont. $1,000

DWELLING
(S24) 565 SPRUCE ST., **BERKELEY.** Two-story 6-room frame dwelling and garage.
Owner—Carl Johnson, 2360 Cedar St., Berkeley.
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard, Berkeley. $6,000

DWELLING
(S25) 750 HILLDALE, **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner—Chas. F. Shaw.
Architect—Not Given.
Contractor—J. R. Armstrong 113 Fleet Road, Oakland. $8500

DWELLING
(S26) 1917 OAKCREST DRIVE, **OAKLAND.** Two-story 5-room dwelling.
Owner—J. Dougery, 394 Jayne Avenue Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—Kennedy Const. Co., 1140 1140 Chatham Road, Oakland. $5,000

ALTERATIONS
(S27) 2701 HOPKINS ST., **OAKLAND.** Alterations.
Owner—A. E. Gracie, 2701 Hopkins St. Oakland.
Architect—Not Given.
Contractor—Melrose Builders, 1700 47th Ave., Oakland. $1,000

DWELLING
(S28) 2545 CORDOVA ST. **OAKLAND.** One-story 6-room dwelling.
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given . $5,000

DWELLING
(S29) 5647 CABOT RD., **OAKLAND.** Two-story 6-room dwelling.
Owner and Builder—J. A. Stroud, Jr., 370 17th St., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland. $5,200

ALTERATIONS
(S30) 1700-1702 BROADWAY, **OAKLAND.** Alterations.
Owner—Bay Properties, Inc.
Architect—Not Given.
Contractor—Western Const. & Engr. Co., 2205 Magnolia St., Oakland. $2,500

ALTERATIONS
(S31) 201 FOURTH ST., **OAKLAND.** Alterations.
Owner—Safeway Stores, Inc., 201 4th St., Oakland.
Structural Engineer—Jesse Rosenwald 525 Market St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $12,500

DWELLING
(S32) 951 PARK LANE, **OAKLAND.** Two-story 8-room dwelling.
Owner and Builder—Emily Rose, 2448 Sacramento St., Berkeley.
Architect—C. W. McCall, 1404 Franklin St., Oakland. $7,750

SAN FRANCISCO UNDER $1000

ALTER dwelling, $500; 135 Parker Ave.; owner, E. Campbell, Prem.; contractor, Massagli & Co., 147 Parker Ave.
ALTER dwelling, $500; 2374 18th Ave.; owner, Robert, Premises; contractor, V. Filippis, 269 24th Ave.
ALTER restaurant, $75; 1225 Capital St.; owner, A. G. Stroh, 101 Forester St.
ALTER dwelling, $30; 30 White St.; owner, Arthur G. Bruederly, 30 White St.
ALTER dwelling, $250; 279 Madrid St. owner, G. Tuffo, Premises; contractor, John Oliva, 542 Vienna St.
FLUE, $60; W Nueva St. 225 S Blyanken St.; owner, Wm. Grahn, 2965 Mission St.; contractor, W. Burlani, 2555 San Bruno Ave.
SIGN, electric, $200; 2699 Mission St.; owner, Satters Drug Co., Prem.; contractor, American Elec. Sign Co., 1740 Eddy St.
ALTER dwelling, $65; 74 Seneca Ave. owner, Geo. Leonetti, 80 Seneca Avenue.
ALTER dwelling, $75; 706 San Jose Rve.; owner, Podesta Bros., Colma; contractor, G. Carraro & Sons, 750 Felton St.
ALTER restaurant, $50; 3336 24th St.; owner, Adams Bros., 763 Fulton Street.
ALTER dwelling, $500; 425 Brazil Ave.; owner, Louis Bignatti, Prem
ALTER service station, $500; Fourth Ave. and California St.; owner, Richfield Oil Co., 248 Battery St. contractor, John Munson, 2419 15th St.
ALTER theatre, $150; 25 Taylor St.; owner, Golden Gate Theatre, 25 Taylor St.
ALTER dwelling, $100; 1739 17th Ave.; owner, G. W. Hall, Premises.
ALTER store, $200; SW Van Ness Ave. and Washington St.; owner, J. E. French Co., O'Farrell and Polk Sts.; contractor, W. Horstmeyer, 31 Ord St.
SIGN, electric, $200; 212 Stockton St.; owner, S. B. Gracier & Son, Prem contractor, Elec. Prods. Corp., 910 Harrison St.

ALAMEDA COUNTY UNDER $1000

ALTERATIONS, $50, 601 University Ave., Berkeley; owner and contractor, Tilden Lbr. Co., premises.
ALTERATIONS, $180; 1810 Parker, Berkeley; owner and contractor, J. B. Gleason, premises.
ALTERATIONS, $154; 1268 Alcatraz, Berkeley; owner, E. C. Gross, 1073 Alcatraz, Berkeley; contractor, O. E. Hendrick, 1737 E 12th Street, Oakland.
ALTERATIONS, $50; 1669 Oxford St., owner and contractor, J. C. Brown premises.
ALTERATIONS, $40.00; 938 Shattuck, Berkeley; owner, H. O. Pillars, premises; contractor, Brockhurst Tile Co., 2819 Shattuck, Berkeley.
SHED, 1-story, $75; 6661 Chabot Rd., Oakland; owner and contractor, Hazel A. Large, 6661 Chabot Rd., Oakland.
ALTERATIONS, $50; 414 29th Ave., Oakland; owner and contractor, Sam Lee, 414 29th Ave., Oakland.
ADDITION, $475; 7012 Lacey St., Oakland; owner, Mrs. Claud Bowman, 7012 Lacey St., Oakland; contractor, C. R. Squires, 2912 East 29th St., Oakland.
ADDITION, $225; 2470 Renwick St., Oakland; owner and contractor, M. L. Baglini.
WRECK 1-story dwelling, $35; 6125 Marshall St., Oakland; owner, E. X. Pach, 1033 57th St., Oakland; contractor, Jos. D. Ballinger, 1076 34th St., Oakland.
REPAIRS to roof, $50; 4224 Broadway, Oakland; owner, H. L. Aikus, 4224 Broadway, Oakland; contractor, S. P. Sorensen, 5511 Dover St., Oakland.
ALTERATIONS, $45; 4140 Broadway, Oakland; owner ,R. G. Spencer, 4140 Broadway, Oakland; contractor, T. J. Garvey, 5686 Ocean View Drive, Oakland.
ALTER for garage, $225; 1334 Campbell St., Oakland; owner, Mike Zunino, premises; contractor, M. Cuetich, 2515 Adeline St., Oakland.
GARAGE, 1-story frame, $75; 2675 75th Ave., Oakland; owner, Mrs. Frank Kiggins, 483 Van Ness Ave. South, San Francisco.
GARAGE, 1-story, $175; 1802 96th Ave. Oakland; owner and contractor, Mrs. Billings, 1195 S 1st St., San Jose.
ALTERATIONS, $672; 924 Cypress St. Oakland; owner, E. S. Erickson, premises; contractor, W. J. Baker 2255 Ransome Ave., Oakland.
REPAIRS (termite) $230; 2101 Brush Street, Oakland; owner, United Transfer Co., premises; contractor, Alpine Wood & Supply Co., 2846 Shattuck Ave., Berkeley.
SIGN, metal roof, $15; 4401 East 12th St., Oakland; owner and contractor, Mileage Gasoline Co., 351 Hobart St., Oakland

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
47	Murphy	Jones	3609
48	Kraut	Helgesson	11100
49	Phoenix	Jensen	3333

ALTERATIONS
(47) 786-788 MISSION ST. Miscellaneous alterations to five-story & basement Class C building.
Owner—F. L. Murphy, Jr., 607 Phelan Building.
Architect—Chas. E. J. Rogers, Phelan Building.
Contractor—Thos. M. Jones, 643 29th Avenue.
Filed, May 23, '36. Dated May 15, '36
Monthly progress payments up to 75% of labor and materials.
Balance usual 35 days after completion.
TOTAL COST, $3,609
Forfeit, $10 per day. Limit, 75 working days. Plans and Spec. filed

FLATS
(48) E FUNSTON AVE. 150 S Lake. Two - story and basement frame flats
Owner—Charles and Mary J. Kraut.
Architect—R. R. Irvine, 2048 Market.
Contractor—Roy A. Helgesson, 2695 23rd Avenue
Filed, May 23, '36. Dated, May 22, '36.
Frame up and roof on.....$2,775
Brown coated 2775
Completion notice filed..... 2775
Usual 35 days..... 2775
TOTAL COST, $11,100
Bond, $5,550. Sureties, U. S. Fidelity & Guaranty Co. Limit. 120 working days.

ALTERATIONS
(49) PHOENIX BLDG., 360 Pine St. Alter ground floor and second floor of building.
Owner—Phoenix Assurance Co., Ltd., 360 Pine Street.
Architect—F. E. Lloyd. 360 Pine St.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St.
Filed, May 22, '36. Dated, May 21, '36
Fifth of each month.....75%
Usual 35 days.....25%
TOTAL COST, $3,333
Bond, $3,333. Sureties, Columbia Casualty Co. Limit, July 20, 1936. Plans and specifications filed

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
62	Stratis	Acme	5350

DWELLING
(62) PTN LOT 6 BLK E, Country Club Acres, Oakland. Two-story 5-room dwelling.
Owner—Mr. and Mrs. L. Stratis.
Architect—Not Given.
Contractor—Acme Const. Co., 9528 Foothill Blvd., Oakland.
Filed, May 23, '36. Dated, Mar. 19, '36
Payments Not Given.
TOTAL COST, $5,350
Bond, $5350. Sureties, U. S. Fidelity & Guaranty Co. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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3.—Churches
4.—Factories and Warehouses
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8.—Club Buildings
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10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Figured.
APARTMENTS Cost, $35,000
CARMEL, Monterey Co., Calif.
Two-story apartment building (ten apts.); whitewashed brick and chalkrock construction, heavy shingle roof, fireulaces, General Electric kitchens, etc.
Owner—Mrs. Ethel P. Young, Pebble Beach.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.
About two weeks will be allowed for figuring the plans.

To Be Done by Day's Work.
APARTMENTS Cost, $20,000
BURLINGAME, San Mateo Co., Calif. No. 8 Almer Road.
Two-story frame and stucco apartment building.
Owner & Builder—Burlingame Realty & Bldg. Co., 1090 Burlingame Sq. Burlingame.
Architect—Not Given.

Plans Being Figured—Bids Close June 8th.
APARTMENTS Cost, $——
SAN MATEO, San Mateo Co., Calif. Seville and El Camino Real.
Two-story frame and rustic apartment building (four 4-room apts.) Colonial type; shingle roof, hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Oliver M. Rousseau, 321 Kearny St., San Francisco, is figuring the plans and desires sub-bids on all portions of the work.

May 26, 1936
Structural Steel Contract Awarded.
APARTMENTS Cost, $125,000
SAN FRANCISCO. South Line Jackson Street 90 W Laguna Street.
Seven-story steel frame and reinforced concrete apartment building (28 4-room apts.) colored tile baths stall showers, hardwood floors, tar and gravel roof, steam heating plant.
Owner and Builder—A. Penziner, 750 Taylor Street, San Francisco.
Architect—E. H. Denke, 1317 Hyde St. San Francisco.
Structural Steel—Bethlehem Steel Co. 20th and Illinois Sts.
Sub-bids are being taken on all portions of the work.

Plans Being Prepared.
APARTMENTS Cost, $——
SAN FRANCISCO. Cabrillo St., bet. 25th and 26th Aves.
Two-story frame and stucco apartment building (4 4-room apts.)
Owner and Builder—A. Penziner, 750 Taylor St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St. San Francisco.

Preliminary Plans Being Prepared
APARTMENTS Cost, $16,000
STOCKTON, San Joaquin Co., Calif.
Two-story fireproof modern apartment building (four 3-room apts.) air conditioning system, etc.
Owner—Withheld.
Architect—Frank Mayo, 108 E Miner St., Stockton.
The architect is interested in receiving catalogs, etc., relative to construction of Modern type buildings.

Contract Awarded
REPAIR APTS. Cost, $6,000
SAN FRANCISCO. 946 Geary Street.
Repair fire damage to apartments.
Owner—E. Siller.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market Street.

2— BONDS

BIDS WANTED
OAKLAND, Cal.—Until June 4, 8:15 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the sale of $100,000 of harbor improvement bonds, a part of the $9,960,000 issue voted in 1926.

3— CHURCHES

PREPARING PLANS
LOS ANGELES, Cal. — Architects Henry Carlton Newton and Robert Dennis Murray, 502 Architects' Bldg., have been authorized to prepare preliminary designs for altars, pulpit, communion rail, pews, hardwoods, carvings, marble and wrought iron work to be installed in the St. Agatha Church, now in the course of construction at 5066 W. Adams Blvd. for the Roman Catholic Bishop of Los Angeles and San Diego; Rev. M. H. Benson, pastor. Robert E. Millsap, 608 Pacific Commerce Bldg., general contractor for church structure.

4— FACTORIES & WAREHOUSES

Structural Steel Contract Awarded
FACTORY Cost, $13,500
SAN FRANCISCO. S Folsom Street E Juniper Street.
One-story Class C concrete factory.
Owner—Lawrence A. Myers, 58 Sutter St., San Francisco.
Architect—Hyman and Appleton, 68 Post St.
Contractor—Jacks & Irvine, 620 Market Street.
Structural Steel—Schrader Iron W'ks. Inc., 1247 Harrison St.
As previously reported, reinforcing steel awarded to Gunn, Carle & Co., 20 Potrero Ave.

Contract Awarded
ADDITION Cost, $100,000
KINGSBURG, Fresno Co., Cal. Highway 99 and Mt. View Avenue.
Addition to winery (additional storage and cooperative facilities, etc.)
Owner — Muscat Cooperative Winery Assn. (C. W. Tremper).
Architect—H. R. Lake, Pacific Southwest Bldg., Fresno.
Contractor—Trewhitt-Shields & Fisher, Pacific Southwest Building, Fresno.
Complete bids follow:

Trewhitt - Shields and Fisher, Fresno	$19,992
J. C. Meyers, Stockton	20,836
Harris Const. Co., Fresno	22,839
T. C. Irwin, Fresno	24,470

Plans Being Figured—Bids Close June 3.
WAREHOUSE Cost, $——
SACRAMENTO, Sacramento Co., Cal. Third and R Streets.
Owner — Thomas-Diggs Co., Sacramento.
Structural Engineer — T. Ronneberg, Crocker Bldg., Sacramento.
Barrett & Hilp, 918 Harrison St., San Francisco, are figuring the plans.

SUB-BIDS WANTED
SAN FRANCISCO.—Barrett & Hilp, 918 Harrison St., desire sub-bids on all portions of the work for the construction of a factory to be erected on Brannan and Langton Streets for H. Moffat Company, for which bids are being received by the owners.
James Smith, 251 Kearny St., structural engineer. *

SUB-BIDS WANTED
SAN FRANCISCO.—Cahill Brothers, 206 Sansome St., desire sub-bids on all portions of the work for the construction of a factory to be erected on Brannan and Langton Streets for H. Moffat Company, for which bids are being received by the owners.
James Smith, 251 Kearny St., structural engineer. *

SUB-BIDS WANTED
SACRAMENTO, Calif.—Barrett and Hilp, 918 Harrison St., San Francisco, desire sub-bids on all portions of the work for the construction of a warehouse to be erected for Thomas-Diggs Company in Sacramento, for which bids will be opened June 3.
Plans prepared by Structural Engineer T. Ronneberg, San Francisco.

SUB-BIDS WANTED
SAN FRANCISCO—Cahill Bros., 206 Sansome St., desires sub-bids on all portions of the work for the construction of a new printing plant to be erected for James H. Barry Co., on Van Ness Ave. South and 13th St., for which bids will be opened June 4, 9:30 A. M.
Plans prepared by Consulting Structural Engineer, Jesse Rosenwald, San Francisco. *

SUB-BIDS WANTED
SAN FRANCISCO—Barrett & Hilp, 918 Harrison St., desire sub-bids on all portions of the work for the construction of a new printing plant to be erected for James H. Barry Company, on Van Ness Ave. South and 13th Street, for which bids will be opened June 4, 9:30 A. M.
Plans prepared by Consulting Structural Engineer Jesse Rosenwald, San Francisco *

Preliminary Plans Being Completed.
MFG. PLANT Cost, $——
SAN FRANCISCO.
Four-story Class C manufacturing plant (reinforced concrete walls and frame, wood floors, steel sash, etc., passenger elevator, office facilities, etc.
Owner—Withheld.
Architect—Sidney A. Colton, 544 Market St., San Francisco.

Planned.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. E-14th Street and 105th Avenue.

Alterations to automobile assembly plant.
Owner—Chevrolet Motor Company.
Plans by Engineering Dept. of Owner. Further details will be announced at a later date.

Owner Taking Bids.
FACTORY Cost, $30,000
SAN FRANCISCO. Brannan & Langton Streets.
One-story and basement reinforced concrete factory (145x75 feet).
Owner—H. Moffat Co., Third and Arthur Sts., San Francisco.
Structural Engineer — James Smnth, 251 Kearny St., San Francisco.
Cahill Bros., 206 Sansome St., and Barrett & Hilp, 918 Harrison St., are among the contractors figuring the plans.

Sub-Contracts Awarded
ALTERATIONS Cost, $15,000
SAN FRANCISCO. 540 Tenth Street.
Alterations to warehouse.
Owner—American Rolling Mills Co., 540 Tenth Street.
Plans by Engineering Dept. of Owner
Contractor—George Wagner, 181 South Park.
Structural Steel—Judson Pacific Co., 609 Mission St.
Sheet Metal—Fire Protection Products Co., 1101 16th Street.

Plumbing Contract Awarded.
FACTORY Cost, $50,000
SAN LEANDRO, Alameda Co., Calif. Washington Ave. near Estabrook.
One-story calculating machine factory and office building (262x72 feet) Class B construction, steel, concrete a n d glass, steel sash, steel truss roof, etc.
Owner — Friden Calculating Machine Co. (Carl F. Friden, President).
Architect—Fred H. Reimers, 233 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.
Plumbing—Scott Co., 243 Minna St., San Francisco.
As previously reported, concrete awarded to J. H. Fitzmaurice, 2857 Hannah St., Oakland; painting to American Bldg. Maintenance Co., 2016 7th Ave., Oakland; roofing, General Roofing Co., 3985 Beach St., Oakland.
Other awards will be made shortly.

Plans Being Figured.
FACTORY Cost, $——
EL CERRITO, Contra Costa Co., Cal.
One-story brick and hollow tile factory (75x150 feet) corrugated iron roof, concrete floors, etc.
Owner — Technical Porcelain Chinaware Company.
Architect—James Narbett, 462 31st St., Richmond.
Following will submit bids.
Chris Theis, 1937 Garvin Avenue, Richmond.
George Tandy, 673 38th St., Richmond.
Elmer J. Freethy, 225 16th Street, Richmond.

Plans Approved
SHOP Cost, $15,000
OROVILLE, Butte Co., Cal. Oroville High School Campus.
One-story frame shop building (9000 sq. ft. of floor space).
Owner—Oroville High School District.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.
Plans have been approved by State Division of Architecture, Sacramento. Labor is to be furnished by the WPA.

Plans Being Figured—Bids Close June 4, 9:30 A. M.
PRINTING PLANT Cost, $35,000
SAN FRANCISCO. Van Ness Avenue South and 13th Street.
One-story Class C printing plant with general offices (22,000 sq. ft.) concrete walls, steel frame, mill type roof construction.
Owner—The James H. Barry Co.
Consulting Structural Engineer—Jesse Rosenwald, 525 Market Street.
Bids are being taken from a selected list of contractors only.

Contract Awarded.
OLIVE PLANT Cost, $——
CORNING, Tehama Co., Calif.
One-story olive plant (30x70 feet) vat room with concrete floors, ten concrete vats, etc.
Owner—California Olive Packers, Inc.
Architect—Not Given.
Contractor—B. H. Singletary, Corning

CONTRACT AWARDED
VERNON, Los Angeles Co., Cal.—Wm. P. Neil Co., 4671 E, 49th Street, awarded contract for two-story and basement reinforced concrete warehouse building to be built at the corner of Fruitland and Loma Vista Sts. in the Central Mfg. District for Certified Grocers of California. Harry T. Miller, 4814 Loma Vista St., Architect. Cost, $86,000.

Contract Awarded
OFFICE & SHOP Cost, $6,500
SAN FRANCISCO. NW Fourth and Freelon Streets.
One-story Class C office & shop bldg.
Owner—E. L. Merwin, Jr., 224 Spear.
Engineer—H. A. Emrich, 1280 Indiana Street.
Contractor—Louis Johnson, 666 Mission Street

Contract Awarded.
BOTTLING PLANT Cost, $——
WOODLAND, Yolo Co., Calif. W Main Street.
One-story brick bottling plant (40x60 feet).
Owner—Coca Cola Bottling Co., Sacramento.
Architect—Not Given.
Contractor — C. J. Hopkinson, 1810 28th St., Sacramento.

Contract Awarded.
ADDITION Cost, $20,000
SAN FRANCISCO. Carroll and Newhall Streets.
Addition to present plant.
Owner—Pacific Can Co., Williams and Newhall Sts., San Francisco.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.

Contract Awarded
TERMINAL Cost, $5,000
SAN FRANCISCO. NE 16th and Daggett Streets.
One-story truck terminal (mill construction).
Owner—E. W. Bennett, 2000 16th St.
Engineer—James H. Hjul, 128 Russ Street.
Contractor—James H. Hjul, 128 Russ Street.

Steel Contract Awarded
ALTERATIONS Cost, $12,000
SAN FRANCISCO. Folsom Street between 16th and 17th Sts.
Alterations to factory.
Owner—Reliance Trailer & Truck Co. 2765 16th Street.
Engineer—Philip Baker, 1750 Army St.
Contractor—Soule Steel Co. 1750 Army Street.

5— FLATS

Construction Under Way.
FLATS Cost, $7500
SAN FRANCISCO. Telegraph Hill
Two-story and basement frame and stucco flats (two 4-room flats) tar and gravel roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—F. W. Borden, 1440 Montgomery St., San Francisco.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor — Bloom & Beurman, 110 Sutter St., San Francisco.

Bids Opened
FLATS Cost, $——
SAN FRANCISCO. Francisco Heights Beaumont Street.
Two-story frame and stucco flats (2 5-room flats) clay shingle flat roof, gas burning steam heating system, hardwood floors, wood sash, Philippine mahogany trim, etc.
Owner—F. G. Herring.
Architect—Oscar Thayer, 110 Sutter.
Low Bidder—Ed. Zinkand & Son, 667 36th Avenue.
Complete bids follow:

Ed. Zinkand & Son	$10,678
Oliver M. Rousseau	11,300
J. Harold Johnson	12,758
H. L. Petersen	12,841

Bids held under advisement.

To Be Done By Day's Work.
FLATS Cost, $6000
SAN FRANCISCO. N Lawton St. E 21st Avenue
Two-story frame and stucco flats.
Owner and Builder—Robert P. Kelly, 2227 20th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
FLATS Cost, $7500
SAN FRANCISCO. S Duncan St. W Guerrero St.
Two-story and basement frame and stucco flats.
Owner—Freda Sekara, 1264 Church St., San Francisco.
Architect—Not Given.
Contractor—E. O. Risu, 528 Douglass St., San Francisco.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $5000
SANTA CRUZ, Santa Cruz Co., Calif. Mission and River Streets.
New service station (124x78 ft.) six pumps (steel framing, frame and stucco construction).
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.

Contract Awarded.
SERVICE STATION, ETC. $8500
FRESNO, Fresno Co., Cal. No. 962 S Street.
Service station and store
Owner—G. W. Goss.
Architect—Not Given.
Contractor—Luther Smith, 3412 Washington St., Fresno.

To Be Done By Day's Work.
ALTERATIONS Cost, $5000
SAN JOSE, Santa Clara Co., Calif. No. 1295 The Alameda.
Rebuild service station.
Owner — The Texas Co., 226 S 24th St., San Jose.
Plans by Engineering Dept. of Owner.

Contract Awarded.
SERVICE STATION Cost, $6500
SACRAMENTO, Sacramento Co., Cal. No. 1201 I Street.
New service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—L. F. Gould, 1623 O St., Sacramento.

Contract Awarded.
ALTERATIONS Cost, $7500
SAN JOSE, Santa Clara Co., Calif. No. 145 E. Santa Clara Street.
Alterations to garage.

Owner — Garden City Chevrolet Co., 250 E. Santa Clara St., San Jose.
Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.
Contractor—Guy M. Latta, 157 Rhodes Court, San Jose

Contract Awarded.
SERVICE STATION Cost, $6000
COLUSA, Colusa Co., Cal. Fourth and Market Streets.
Super service station.
Lessee—Richfield Oil Company.
Contractor—Nerheim & Bakke, 3276 Arizona St., Oakland.
Owner—Mr. O'Rourke.
Architect—Not Given.

Contract Awarded.
SERVICE STATION Costt, $4000
OAKLAND, Alameda Co., Cal. No. 139 14th Street.
One-story steel service station.
Owner—Mattie K. Bliss et al.
Architect—Not Given.
Contractor—Fred D. Alexander, 358 17th St., Oakland.

7— FEDERAL BUILDINGS

Bids Wanted—To Close July 3, 1 P.M.
POST OFFICE Cost, $——
BREMERTON, Washington.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office.

BIDS WANTED
ELKO, Nevada.—Until June 11, bids will be received by Treasury Department, Washington, D. C., for painting the plaster, etc., at the Elko, Nevada, post office.

BIDS WANTED
FORT CLAYTON, C. Z. — As previously reported, until June 20, 10 A. M., bids will be received by the Department Quartermaster, Panama Canal Dept., Quarry Heights, Canal Zone for construction of two barracks to accommodate 150 men each, together with all necessary utilities, namely; roads and pavements; curbs and gutters; sidewalks; sanitary sewer system, storm drainage system; water distribution and fire protection system and electrical distribution and street lighting systems at Ft. Clayton, Canal Zone. Estimated cost $230-000.
Plans and specifications may be obtained from above office and from Constructing Quartermaster, Ft. Mason, San Francisco, upon deposit of $25.00. *

LOW BIDDER
FORT CANDY, Wash.—Anderson Co., Astoria, Oregon, at $8,279 submitted low bid to Andrew Fourchy, Associated Civil Engineer, Room 219, Administration Bldg., Government Island, for alterations and repairs to Coast Guard Station at Cape Disappointment, Fort Candy, Wash.
Bids held under advisement.

COMPLETE BIDS
SEATTLE, Wash. — Dougan-Hammond Constr. Co., Rothschild Building, Portland, at $43,600 (item 1) and Henry L. Ghrone at $24,240 (item 2) submitted low bids to Treasury Department, Washington, D. C., for repointing and waterproofing walls at the U. S. Post Office in Seattle.
Complete bids follow:
Dougan-Hammond Constr. Co., Portland, Oregon, (1) $43,600.
H. L. Grohne, Decatur, Illinois, (2) $24,240.
Mason Supplies Co., Portland, Oregon, (2) $39,340.
Bids held under advisement.

BIDS OPENED
SANTA CLARA, Cal.—Chamberlin Metal Weather Strip Co., Inc. Detroit Michigan, at $284 submitted low bid to Treasury Department, Washington, D. C., for furnishing and installing insect screens in the U. S. Post Office at Santa Clara. Other bids were:
Ceco Weatherstrip & Screen Products Co., Chigago, $295.
Robbins Mfg. Co., Chicago, $312.
Bids held under advisement.

BIDS REJECTED
MARCH FIELD, Riverside Co., Cal. —All bids were rejected for wind directional indicator at March Field.
Bids were opened March 19, by the Constructing Quartermaster, March Field 7

COMPLETE BIDS
LOS ANGELES, Cal.—As previously reported, Los Angeles Wrecking Co., 810 E. Olympic Blvd., Los Angeles, at $4940 submitted low bid to Public Works Branch, Procurement Division, Washington, D. C., for clearing the site of the new U. S. Post Office and Courthouse at Los Angeles.
Complete bids follow:
Cleveland Wrecking Co., Cleveland, Ohio, $5424.
Harris Wrecking Co., $5432.
Owl Truck & Material Co., Compton, $9160.
Bids held under advisement

BID OPENING DATE CHANGED.
SAN FRANCISCO.—Until June 1st, 1 P. M. (date changed from June 3) bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for vault protection, watchmen's report, emergency alarm, emergency lighting, exterior lighting fixtures, radio transmitting equipment and tear gas system at the U. S. Mint, San Francisco.
Plans and specifications may be obtained from above office. *
(9579).. 1st report May 11, 1936. 7

Bids Wanted—To Close June 30th, 1 P. M.
POST OFFICE Cost, $75,000
LOVELOCK, Nevada.
U. S. post office and agricultural bldg.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office. *

BIDS REJECTED
RENO, Nevada—Treasury Dept. has rejected all bids for acoustical treatment on ceilings and additional doors at certain openings of the U. S. Attorney's suite on third floor of the U. S. post office in Reno. Western Asbestos Co., 475 6th St., San Francisco, was low bidder. *

CONTRACT AWARDED
HICKAM FIELD, T. H.—Robert E. McKee, 1128 Central Bldg., Los Angeles, at $1,240,000 awarded contract by War Department for constructing four air corps double hangars (H type) including utilities at Hickam Field, T. H.

CONTRACT AWARDED
FORT BARRY, Marin Co., Calif.—James H. Pinkerton Co., 927 Howard St., San Francisco, at $4775 awarded contract by War Department for miscellaneous alterations and repairs, etc. to the Point Bonita Coast Guard Station, Fort Barry.
Work involves:
(1) Miscellaneous repairs and alterations to officers' and crew's bath rooms and officers' laundry; doors, walls, windows, steps, walks, floor.
(2) Installation of heating plant for building.
(3) Providing and connecting new plumbing fixtures and installing new sanitary sewer system.
Complete bids published May 5.

Bids Wanted—To Close July 2, 1 P.M.
POST OFFICE Cost, $75,000
AUBURN, Placer Co., Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office.

BIDS WANTED
WESTPORT, Grays Harbor, Washington- Until June 2, 2 P. M., bids will be received by Andrew Fourchy, Associated Civil Engineer, Room 219, Administration Bldg., Government Island, for constructing a one - story frame boathouse with timber trestle approach, turning platform, launchway, etc., at Westport Coast Guard Station, Grays Harbor, Washington.
Plans and specifications may be obtained from above office.

BIDS OPENED
SALT RIVER PROJECT, Arizona—J. R. Lippincott, 4344 Arlington St., Los Angeles, at $5868.50 submitted low bid to Bureau of Reclamation, Producer Bldg., Phoenix, E. C. Koppner, Construction Engineer, under Spec. No. 784-D for construction of a laboratory and a combined warehouse, garage and shop building at the Government camp at the Bartlett Dam, Salt River Project, Arizona. The work is located near Phoenix.
Complete bids follow:
J. R. Lippincott, Los Angeles, $5,-868.50.
Lee Construction Co., Los Angeles, $5970.
C. O. Johnson, Phoenix, Arizona, $7,-884.
McGinty Construction Co., Phoenix, Arizona, $9984.75.
P. W. Womack, Phoenix, Arizona, $10,137.
Del E. Webb Constr. Co., Phoenix, Arizona, $10,762.48.
Bids held under advisement

BIDS WANTED
WALLA WALLA, Washnigton — Until June 25, 1:30 P. M., bids will be received by Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing corridor-subsistence to laundry buildings at Veterans Administration Facility, Walla Walla, Washington. Work includes connections to existing buildings, reinforced concrete frame, brick corridor, walls, carpentry, roofing, sheet metal, glazing, hardware, reconstruction of steam mains, electrical work, etc.
Plans and specifications may be obtained from above office and from Supervising Superintendent of Construction, Veterans Administration, Palo Alto. No deposit required.

BID OPENING DATE POSTPONED
BALBOA, Canal Zone—Until July 1, 11 A. M., (date postponed from June 10), bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., for the construction of three 4-family quarters at the Naval Radio Station at Balboa, Canal Zone. Work includes concrete construction; cast stone; brick and hollow tile; steel and iron work; metal studding and lathing; plaster and stucco; marble and tile; plaster and and millwork; screenings; plumbing, water heating equipment and electrical work. Spec. No. 8120. Estimated cost, $90,000.
Plans and specifications may be obtained from above office and from the Commandant, Fifteenth Naval Dist. Balboa, Canal Zone, upon deposit of $10.

BIDS WANTED

HUNTINGTON BEACH, Orange Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Huntington Beach, for wood vestibule, etc., at the Post Office, Huntington Beach.

BIDS REJECTED

PORTLAND, Oregon—Treasury Department rejected all bids for furnishing and installing detention cells in the U. S. Court House at Portland. On previous bid opening lowest bid was submitted by Wegman & Sons, Portland, at $2267.

New bids will be asked shortly.

BIDS WANTED

COMPTON, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Compton, for wrought iron railings, etc., at the Post Office, Compton. 7

May 25, 1936

SUB-BIDS WANTED

WATSONVILLE, Santa Cruz Co., Cal. — Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco, desire sub-bids on all portions of the work for the construction of the U. S. Post Office to be erected in Watsonville for which bids will be opened June 12, 1 P. M.

Plans prepared by Supervising Architect, Treasury Department, Washington, D. C.

BIDS WANTED

FORT CLAYTON, Canal Zone—Until June 20, bids will be received by the Constructing Quartermaster, Fort Mason, San Francisco, and Department Quartermaster, Canal Zone, Department for constructing barracks at Fort Clayton. Estimated cost, $230,000.

Low Bidders

POST OFFICE Cost, $——
ONTARIO, Oregon.
U. S. post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—B. H. Sheldon, Gresham, Oregon, $56,290.
Second low bid was submitted by H. J. Settergren, Portland, at $59,750.
Complete bids will be given shortly.

8— CLUB BUILDINGS

Construction To Start Shortly.

ALTERATIONS Cost, $100,000
BERKELEY, Alameda Co., Campus of the University of California.
Structural changes and miscellaneous work t Stephens Union.
Owner—University of California.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Structural Engineer—H. J. Brunnier, Sharon Bldg., and W. L. Huber, 1 Montgomery St., San Francisco.
Mgr. of Const.—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.

9— HOSPITALS

CONTRACT AWARDED

ST. HELENA, Napa Co., Calif.—A. R. Eckfeldt, St. Helena, at $1,411 awarded contract by Building Committee, St. Helena Post No. 199, The American Legion, for alterations and additions to American Legion Hall, Madrone and Oak Aves., St. Helena

BIDS OPENED

SAN FRANCISCO. — P. Grassi and Co., 445 Bayshore Blvd., at $11,906 submitted low bid to the Constructing Quartermaster, Fort Mason, for replacing present wood floors with terrazzo floors in Wards D-2, E-2, B-2 and L-2 at the Letterman General Hospital, San Francisco.

Complete bids follow:

P. Grassi & Co.	$11,906
Frank J. Reilly	11,981
American Terrazzo Co.	12,410
California Terrazzo Marble Co.	12,495
Pacific Terrazzo Co.	12,535
San Francisco Terrazzo Co.	12,675
Henry Gervais	12,780
A. Nelson, Inc.	12,987

Bids held under advisement.

Project Abandoned

HOSPITAL Cost, $75,000
PITTSBURG, Contra Costa Co., Calif.
Reinforced concrete hospital (20 beds)
Owner—City of Pittsburg.
Architect—Dragon and Schmidts, 3016 Telegraph Ave., Berkeley.

Plans Being Completed.

ADDITION Cost, $80,000
SAN FRANCISCO. Geary Street and Fifth Avenue.
Two-story reinforced concrete Class A addition to French Hospital (new surgery & maternity units).
Owner—French Hospital Association.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Bids will be asked in ten days.

10— HOTELS

Segregated Bids Being Taken

ALTERATIONS Cost, $50,000
CHICO, Butte Co., Cal. Second and Salem Streets.
Alterations and additions to hotel (add fifty bath rooms, 90 tubs; repair foundations, etc.)
Owner—Hotel Oaks, Chico.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

11—ICE & COLD STORAGE PLANTS

CONTRACT AWARDED

MARE ISLAND, Cal.—Parker Mfg. Co., 2625 Santa Fe Ave., Los Angeles, at $1,721 awarded contract by Bureau of Yards & Docks, Navy Department, Washington, D. C., for furnishing and installing one refrigerating plant complete in Bldg. No. M-37 at the Marine Barracks, Navy Yard, Mare Island; Spec. No. 8224.

BIDS OPENED

MARE ISLAND, Cal.—Shirar Young Co., 1450 Van Ness Ave., San Francisco, at $1,975, submitted low bid to Public Works Officer, Mare Island Navy Yard, for furnishing and installing refrigerating equipment in Bldg. No. 570 at the Naval Prison, Mare Islan; Spec. No. 8216.

Complete bids follow:

Shirar-Young Co., S. F.	$1,975.00
York Ice Machine Co., S. F.	2,075.00
Cochran & St. John, S. F.	2,133.75
Alternate	2,220.00
Parker Mfg. Co., Los Angeles	2,180.00

Bids held under advisement.

12— POWER PLANTS

BIDS WANTED

PEARL HARBOR, T. H. — Until June 17, bids will be received by Commandant, Fourteenth Naval District, Pearl Harbor, for constructing electric switching station at the Power Plant, Pearl Harbor, T. H.

Estimated cost $30,000. Specification No. 8235.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED

SACRAMENTO, Cal. — Ace Sheet Metal Works, 444 Clementina St., San Francisco, at $6493 awarded contract by State Department of Public Works, Sacramento, for furnishing and installing sheet metal work for the heating and ventilating system in the new cell block, Folsom State Prison, Represa. Work involves duct system, including covering for the supply and exhaust ventilation system in the new cell block comprising 400 cells.

Planned.

ALTERATIONS Cost, $——
PACIFIC GROVE, Monterey Co., Cal.
Alterations to City Hall (refinishing exterior walls and repairs to plaster, lighting fixtures, etc.)
Owner—City of Pacific Grove.
Architect—Not Selected.

Bids Opened.

FIREHOUSE, ETC. Cost, $——
BERKELEY, Alameda Co., Cal. Cedar Street from 8th to 9th Streets.
One-story frame fice house (cement plaster exterior) reinforced concrete drill tower and machine shop).
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Low Bidder — C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.
Complete bids follow:

C. M. Norgrove, Berkeley	$11,969
J. P. Branagh, Oakland	12,800
Kelly & Tulloch, Oakland	12,845
W. V. Bernard, Oakland	12,888
Frank A. Stead, Berkeley	13,197
W. J. Van Bokkelen, Oakland	15,157

Bids held under advisement.

PLANNED

RENO, Nevada — Washoe County Commissioners are considering purchasing approximately 600 folding chairs for the civic auditorium in the near future.

14— RESIDENCES

Contract Awarded

RESIDENCES Cost, $4,000 each
PITTSBURG, Contra Costa Co., Cal.
Three one - story frame and stucco residences (five rooms each) tile, tar and gravel roofing, gas heating systems, wood sash, hardwood floors, tile baths, etc.
Owner—C. W. Pacini, Pittsburg.
Architect—Jas. Narbett, 462 31st St Richmond.
Contractor—Russell Cataline, 59 West 8th St., Pittsburg.

Contract Awarded

RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. 180 Edgewood Drive.
Two - story and basement frame and stucco residence.
Owner—Wm. A. Mudgett, 851 University Ave., Palo Alto.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.

Contract Awarded

RESIDENCES Cost, $6,000 each
OAKLAND, Alameda Co., Calif. 608-614 East 20th Street.
Two one - story and basement frame and stucco residences (six rooms each).
Owner—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—Not Given.
Contractor—R. Woodburn, 624 Prospect Ave., Oakland.

To Be Done By Day's Work.

RESIDENCE Cost, $5000
ALAMEDA, Alameda Co., Cal. No. 2807 Otis Drive.
One-story frame and stucco residence (five rooms).
Owner and Builder — S. J. Dowling, 2800 Clay St., Alameda
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $5700
SAN BRUNO, San Mateo Co., Calif. San Bruno and San Mateo Aves.
One-story frame and stucco residence
Owner—William Eital et al.
Architect — Leo J. Sharps, 1477 Burlingame Ave., Burlingame.
Contractor — Joseph Bettancourt, San Bruno.
Roofing—Crowley Roofing Co., Burlingame.
Plumbing—W. T. Hickey & Sons, So. San Francisco.
Sheet Metal—Atlas Heating Co., 557 Fourth St., San Francisco.
Lathing and Plastering—Lee Nix, 4127 Kirkham St., San Francisco.
Lumber—McNulty Lumber Co., San Bruno.
Mill Work—Acme Mfg. Co., 345 Bay Shore Blvd., San Francisco.
Painting—Miller & Byrnis, San Bruno
Concrete—Golden Gate Concrete Co., South San Francisco.
(9644) 1st report May 18, 1936. * 14

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Contract Awarded.
RESIDENCE Cost, $6500
ALAMEDA, Alameda Co., Cal. No. 3246 Central Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner—Bernard Perata, Doris Court, Oakland.
Architect—Not Given.
Contractor—C. Tollifen, 1720 39th Ave. Oakland.

Sub-Contracts Awarded
RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Calif.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) Spanish style; tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Richard Minor, 1444 Burlingame Ave., Burlingame.
Roofing—Crowley Roofing Co., Burlingame.
Plumbing — A. R. Dittman, Burlingame.
Electric Wiring—Melley Electric Co., Burlingame.
Heating—B. B. Stern, Burlingame.
Sheet Metal—G. & M. Sheet Metal Co. San Mateo.
Tile—Benetti Tile Co., Burlingame.
Glass—Pacific Mfg. Co., San Francisco
Iron Grille Work—Brownicke Co., San Mateo.
Brick Work—Chas. Ohran, Burlingame
Lathing and Plastering—Frank Russell, San Mateo.
Lumber—McElroy Cheim Co., San Mateo.
Mill Work—Pacific Mfg. Co., S. F.
Painting—A. R. Sorensen, Burlingame
Flooring—Herman Larson, San Mateo

Sub-Contracts Awarded.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Calif. No. 230 Seville Way.
Two-story frame and stucco residence
Owner and Builder—Allan McIntyre, 446 Highland Ave., San Mateo.
Architect—Not Given.
Plumbing—Ed Reudy, San Mateo.
Heating — Montgomery & Son, San Mateo.
Glass—Bank Bros., San Mateo.
Iron Grille Work—San Mateo Forge, San Mateo.
Brick Work—Ohran & Sons, Burlingame.
Lumber & Hardware—Wisnom Lumber Co., San Mateo.
Painting—D. J. Millar, San Mateo.
Concrete—San Mateo Concrete Co., San Mateo.
Flooring—Inlaid Floor Co., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, $12,500
PALO ALTO, Santa Clara Co., Calif. No. 24 Crescent Drive.
One-story frame, stucco and brick residence.
Owner—Peder Fitzpatrick.
Architect—H. A. Schary, 605 Market St., San Francisco.
Contractor—Aro & Okerman, Box 433, Palo Alto.
Plumbing—H. P. Hansen, 50 Homer Ave., Palo Alto.
Electric Wiring—H. Fendler, Menlo Park.
Sheet Metal—Meek Sheet Metal Wks., Palo Alto.
Tile—R. Bloomquist, Redwood City.
Glass—Acme Glass Co., Palo Alto.
Brick Work—C. Mezzapelle, Palo Alto
Lathing and Plastering—E. Gardner, Menlo Park.
Lumber—Merner Lumber Co., Palo Alto.
Steel Sash—Edward Arthur, Palo Alto
Painting—O. R. North, Palo Alto.
Concrete—Joe Emma, Palo Alto.
Flooring—R. Bachlund, Palo Alto.

Contract Awarded
RESIDENCE Cost, $6400
BURLINGAME, San Mateo Co., Calif.
Two-story frame and stucco residence (seven rooms)
Owner—John D. Mattos et al.
Architect—Not Given.
Contractor—Peninsula Builders, 1150 Burlingame Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $7500
SAN JOSE, Santa Clara Co., Calif. No. 730 No. First Street.
Two-story frame and stucco residence (six rooms).
Owner—Anthony Saso, 1010 Roycott Way, San Jose
Architect—Not Given.
Contractor—W. M. Caldwell, 1241 Hedding St., San Jose.

Contract Awarded.
RESIDENCE Cost, $7500
ALAMEDA, Alameda Co., Calif. No. 914 Central Avenue.
Two-story frame and stucco residence and store.
Owner—H. O. Coffman, 1220 High St., Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5951 Contra Costa Road.
Two-story frame and stucco residence (six rooms).
Owner—Archie T. Newsom, Russ Bldg. San Francisco.
Architect—Newsom & Newsom, Russ Bldg., San Francisco.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.

Plans Being Figured—Bids Close June 15, 8 P. M.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. Arch Street.
One-story rustic residence (5 rooms) tar and gravel roof, gas heating system, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 80 Main Street, Hayward.

Sub-Contracts Awarded.
RESIDENCE Cost, $12,000
CARMEL, Monterey So., Calif.
Two-story frame and stucco residence 8 rooms & 2 baths) heavy shake roof, steel sash, electro gas heating system (forced air) hardwood floors, tile baths, etc.
Owner—Bert Doolittle.
Architect—C. J. Ryland, Carmel.
Contractor—Harold Geyer, 946 Hellam St., Monterey.
Plumbing—Pacific Plumbnig & Heating Co., Monterey.
Electric Wiring—Jack Belvail, Carmel.
Heating—Pacific Plumbing & Heating Co., Monterey.
Tile—C. L. Frost, Monterey.
Glass—Thos. H. French, Monterey.
Brick Work—A. Marotta, Monterey.
Lathing and Plastering—A. B. Jacobsen, Pacific Grove.
Lumber—Tynan Lumber Co., Monterey.
Steel Sash—Bates Carpenter Co., San Francisco.
Mill Work—Work Lumber Co., Monterey.
Painting—L. E. Lewis, Carmel.
Flooring—J. W. Shaney, Pacific Grove

To Be Done By Day's Work
RESIDENCE Cost, $6,000
BERKELEY, Alameda Co., Cal. 870 Regal Road.
One-story frame and stucco residence (five rooms).
Owner and Builder—N. W. Lindstrom 2940 Ellis St., Berkeley.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 5854 St. Paul Court.
Two-story frame and stucco residence (six rooms).
Owner—L. Stratis, 1765 5th St., Oakland.
Architect—Not Given.
Contractor—Acme Const. Co., 354 Hobart St., Oakland.

Contract Awarded
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. W 20th Avenue S Quintara.
Two one - story and basement frame and stucco residences.
Owner—J. G. and J. J. Barker.
Architect—Not Given.
Contractor—Jas. C. Duerner, 301 Evergreen Street.

Bid Opening Date Postponed Until June 1, 8 P. M.
RESIDENCE Cost, $4500
ORINDA, Contra Costa Co., Calif.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—J. A. Davidson.
Architect—Geo. P. Simonds, 80 Main Street, Hayward.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Thirty-seventh Ave. S Santiago Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—A. T. Morris & Sons, 5400 Fulton St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. Shawnee St. and Cayuga Avenue.
Three one-story and basement frame and stucco residences.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. Mt. Vernon St. and Cayuga Avenue.
Three one-story and basement frame and stucco residences.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given.

Construction Started
RESIDENCE Cost, $18,000
SAN RAFAEL, Marin Co., Calif. Mt. View and Grand Ave.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, hot air heating system, steel and wood sash, hardwood floors, tile baths and kitchen
Owner—Max Blumenfeld.
Architect—S. Heiman, 605 Market St., San Francisco.
Mgr. of Coonst.—E. W. Wilson, care architect.

Contract Awarded
RESIDENCES Cost each, $7,000
OAKLAND, Alameda Co., Calif. 238-244 Cross Roads.
Two 2-story frame and stucco residences (6 rooms each).
Owner — C. H. McEntyre, Financial Center Bldg., Oakland.
Architect—Not Given.
Contractor—H. Nelson, 915 Financial Center Bldg., Oakland.

Contract Awarded
RESIDENCE Cost, $——
BERKELEY, Calif. Hilldale Avenue.
Two - story frame residence (8 rooms 3 baths) shingle roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Charles. Shaw.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded
DUPLEX RESIDENCE Cost, $5,400
PITTSBURG, Contra Costa Co., Cal.
One - story frame and stucco duplex residence (one 4-room and one 5-room residence) tile and composition roofing, floor furnaces, wood sash, oak floors, tile baths.
Owner—A. E. Davies.
Architect—James Narbett, 462 31st St. Richmond.
Contractor—Russell Cataline, 59 W 8th St., Pittsburg.

Painting Contract Awarded.
RESIDENCE Cost, $35,000
PIEDMONT, Alameda Co., Cal. Seaview Avenue.
Two-story and basement frame and brick veneer residence (12 rooms. 6 baths) shingle tile roof, gas hot air heating system, tile baths, hardwood floors, etc.
Owner—Mr. Catlin.
Architect—Fred Reimers, 233 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.
Painting — American Building Maintenance Co., 467 O'Farrell St., San Francisco.
Other awards previously reported.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
RICHMOND, Contra Costa Co., Calif.
One-story frame and stucco residence (5 rooms) shingle roof, floor nace, wood sash, hardwood floors, tile bath, etc.
Owner and Builder—Robert Johnson, 560 36th St., Richmond.
Architect—James Narbett, 462 31st St., Richmond.

Contract Awarded.
RESIDENCE Cost, $5500
RICHMOND, Contra Costa Co., Calif.
One and one-half-story frame and stucco residence (6 rooms and 2 baths) shake roof, floor furnaces, hardwood floors, tile baths, wood sash, etc.
Owner—Mr Vukelich.
Architect — James Narbett, 462 31st St., Richmond.
Contractor—Fred Hosking, 541 Civic Center, Richmond.

Plans Completed.
RESIDENCES Cost, $4000 each
PITTSBURG, Contra Costa Co., Cal.
Three one - story frame and stucco residences (5 rooms each) tile, tar and gravel roofing, gas heating systems, wood sash, hardwood floors, tile baths, etc.
Owner—C. W. Pacini, Pittsburg.
Architect—James Narbett, 462 31st St., Richmond.

Contract Awarded.
RESIDENCE Cost, $15,000
SAN FRANCISCO. San Buena Ventura Way (St. Francis Wood).
Two-story and basement frame and stucco residence (9 rooms and 3 baths), tile roof, warm air heating plant, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. and Mrs. J. M. Rector.
Plans by Chas. Lindley, Monadnock Bldg., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal. King Avenue.
Two-story frame ,stucco and brick veneer residence.
Owner—Mr. Young.
Architect—Newsom & Newsom, Russ Bldg., San Francisco.
Contractor——S. J. Bertelsen, 30 Estrella Ave., Piedmont.

Plans Being Figured—Bids Close June 3 2 P. M.
RESIDENCE Cost, $——
SAN FRANCISCO. N Pacific Ave., bet. Pierce and Scott Sts.
Two-story and basement frame and stucco residence (11 rooms and 4 baths) tile roof, warm air heating system, tile baths, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Fred K. DuPuy, 110 Sutter Street, is figuring the plans and desires sub-bids on all portions of the work.

Contract Awarded.
RESIDENCE Cost, $13,161
HILLSBOROUGH, San Mateo Co.
Two-story frame and stucco residence
Owner—Allen See.
Architect — James H. Mitchell, 369 Pine St., San Francisco.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

Sub-Bids Being Taken.
RESIDENCES Cost, $5,000 & $6,000
SAN FRANCISCO. Pinelake Park.
Four one-story and basement frame and stucco residences (two 5-rm. and two 6-rm.) terra cotta flat tile roofs, gas heating systems, wood sash, tile steps, brick veneer, tile baths, hardwood floors, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—D. E. Jaekle, 126 Post St.

Sub-Bids Being Taken.
RESIDENCE Cost, $6,000
SAN FRANCISCO. Pinelake Park.
One - story and basement frame and stucco residence (6 rooms, and 2 baths) tile and composition roofing, gas heating system, wood sash, hardwood floors, tile baths.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Calif. 54 Churchill Avenue.
Two-story rustic residence.
Owner—Mrs. Lillian Hastings, Hillsborough.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—A. E. Orton, 151 Harriett Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $15,000
PIEDMONT, Alameda Co., Calif. 20 Marlborough St.
Two-story frame and stucco residence (10 rooms, 3 baths) shake roof, gas heating system, hardwood floors, tile baths, etc.
Owner—H. Small.
Architect—Clarence Mayhew, 6026 Acacia St., Oakland.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Plans Being Figured
RESIDENCE Cost, $——
BAYWOOD, San Mateo Co., Calif.
Two - story and basement frame residence (9 rooms, 3 baths) English farmhouse type.
Owner—Withheld.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Oliver M. Rousseau, 321 Kearny St., San Francisco, is figuring the plans and desires sub-bids on all portions of the work.

May 22, 1930

Contract Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO. Teresita Dr. and Reposa Street.
One-story frame and stucco residence (4 rooms) composition shingle roof gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—O. Kinross.
Architect—J. E. Dinwiddie, 360 Pine Street.
Contractor — Moore and Roberts, 693 Mission Street.

Plans Being Revised
RESIDENCE Cost, $4,500
OAKLAND, Alameda Co., Cal. Montclair District.
One - story and basement frame and stuco residence (six rooms) tile roof, wood sash, hardwood floors, tile bath, etc.
Owner—R. C. Smith
Architect—Ray Keefer, 770 Wesley Street, Oakland.
New bids will be asked shortly.
On previous bid opening lowest bid was submitted by A. T. Beckett, 224 Scenic Ave., Oakland, at $5,988.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 2404 Broadway.
Alterations to residence.
Owner—P. H. Lyon.
Architect—Not Given.
Contractor — A. L. Thulin, 60 Brady Street.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. W Lamartine N Cayuga Street.
Two one - story and basement frame and stucco residences.
Owner and Builder—A. Berwick, 1525 Noe Street.
Architect—C. O. Clausen, 746 46th Avenue.

Plans Being Figured—Bids Close June 1.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. Montclair District.
One-story frame, stucco, board and batten residence (6 rooms, 1 bath and extra lavatory) shake roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Ray Keefer, 585 Mandana Blvd., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $——
VALLEJO, Solano Co., Calif.
Two-story and basement frame and stucco residence (8 rooms and 3 baths) shingle roof, gas furnace, steel sash, oak floors, cement stucco exterior, tile baths, etc.
Owner—E. L. Enos, 17 Hanns Ave., Vallejo.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $20,000
HILLSBOROUGH, San Mateo Co. Cal.
One-story frame and stucco residence
Owner—Paul Fenner.
Architect — Clarence A. Tantau, 210 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.
Lumber—Roth - Maier Co., 2800 Third St., San Francisco.
Grading—L. C. Smith, 235 Third Ave San Mateo. *

Contract Awarded.
RESIDENCE Cont. Price, $19,797
WOODSIDE, San Mateo Co., Calif.
Two-story frame residence.
Owner—T. T. Greaves.
Architect—Leslie Nichole, 532 Emerson St., Palo Alto.
Contractor — G. W. Williams, 315 Primrose Road, Burlingame.

Contract Awarded
RESIDENCE Cost, $14,000
SAN MATEO, San Mateo Co., Calif. Dorchester Avenue.
Two - story and basement frame and stucco residence.
Owner—Mrs. F. B. Hussey, San Mateo.
Architect—Not Given.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco. *

Contract Awarded.
ALTERATIONS Cost, $6000
BURLINGAME, San Mateo Co., Calif. Burlingame Avenue.
Alterations to store building.
Owner—Ellis J. Ahkush, 624 Hillsborough Blvd., San Mateo.
Architect—Not Given.
Contractor—C. H. Bessett, 826 Walnut Ave., Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Lot 8 Blk 16, Parrott Drive.
Two-story and basement frame and stucco residence.
Owner and Builder—Justed M. Jacobs 1217 Oak St., San Mateo.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5500 each
SAN MATEO, San Mateo Co., Calif. Delmar Way.
Four one-story and basement frame and stucco residences.
Owner and Builder — San Mateo Investment Co., 2562 So. El Camino Real, San Mateo.
Plans by Owner.

Contract Awarded.
RESIDENCE Cost, $7000
BURLINGAME, San Mateo Co., Calif. Lot 24 Blk 23, Cortez St.
Two-story frame and stucco residence
Owner — Wm. H. Hollinshead, 1412 Carlos Ave., Burlingame.
Architect—Not Given.
Contractor — Burlingame Realty & Bldg. Co., 1090 Burlingame Square Burlingame.

Contract Awarded.
RESIDENCE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. College Tract.
Two-story frame and stucco residence
Owner—V. Hauser, 443 33rd St., Sacramento.
Architect—Not Given.
Contractor—Holdener Constr. Co., 2608 R St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $6190
SAN JOSE, Santa Clara Co., Calif. North First and Taylor Sts.
One-story frame and stucco cottage and garage.
Owner—Anthony Saso, 1112 Lick Ave., San Jose.
Architect—Not Given.
Contractor — W. M. Caldwell, 1241 Hedding St., San Jose.

Plans Being Completed.
RESIDENCE Cost, $9000
OAKLAND, Alameda Co., Calif. Moraga Road.
Two-story frame and brick residence (7 rooms and 2 baths) shingle roof, gas heating system, hardwood floors, tile baths, etc.
Owner—George Bruns.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Bids will be asked shortly.

Contract Awarded
RESIDENCE Cost, $6,500
ALAMEDA, Alameda Co., Calif. 1422 Gibbons Drive.
Two-story frame and stucco residence (seven rooms).
Owner—Emil K. Kudna, 1422 Gibbons Drive, Alameda.
Architect—Not Given.
Contractor—Chris Hansen, 1500 Santa Clara Ave., Alameda.

Plans Completed.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. Hilldale Avenue.
Two-story frame and rustic residence (6 rooms and 2 baths) shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Lloyd Bradley.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Bids will be asked shortly.

Contract Awarded.
RESIDENCE Cost, $——
WALNUT CREEK, Contra Costa Co.
One-story and basement brick veneer frame and stucco residence (eight rooms, 3 baths) tile roof, warm air heating system, steel sash, tile baths, hardwood floors, etc.
Owner—Harvey Ennor.
Architect — B. Reede Hardman, 2068 Allston Way, Berkeley.
Contractor—E. P. Seemans, Walnut Creek.

Plans Being Completed.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. Arlington Acres.
Two-story and basement frame and rustic residence (shake roof, air conditioning system, hardwood floors, etc.)
Owner—George Prifold Jr.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Bids will be asked shortly.

Low Bidder
RESIDENCE Cost, $11,000
HILLSBOROUGH, San Mateo Co.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) English type; shingle roof, wood sash, gas heating system, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Low Bidder — Charles Pedersen, 734 Prospect Ave., San Mateo.

To Be Done By Day's Work.
RESIDENCES Cost, $5000each
SAN FRANCISCO. E Sixteenth Ave. N Lomita St.
Three one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given.

Plans Completed
RESIDENCE Cost, $——
EMERALD BAY, Eldorado Co., Cal.
Two-story frame and stucco residence (7 rooms) shingle roof, oak, pine and linoleum floors, rubber tile drainboard, wood sash, brick work etc.
Owner—J. E. Babcock.
Architect—Palmer Sabin, 170 E. California St., Pasadena. *

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. Romain St. and Corbett Avenue.
Four one-story and basement frame and stucco residences.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Ave., S. F.
Plans by Owner.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Twenty-eighth Ave. N Rivera St.
Two one-story and basement frame and stucco residences.
Owner & Builder—J. Harold Johnson, 771 28th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6500
SAN FRANCISCO. SW Fernwood and Brentwood Aves.
Two-story and basement frame and stucco residence.
Owner—W. H. Arnold, 2101 Cecelia St., San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco.
Contractor — Paul A. Wolter Jr., 72 Fernwood Drive, San Francisco.

Contract Awarded.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. No. 2501 Eighth Avenue.
One-story frame and stucco residence (seven rooms).
Owner—Ted Nelson.
Architect—Not Given.
Contractor—A. M. Benschop, 5828 Dover St., Oakland.

Plans Complete
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 951 Park Lane.
Two-story frame and stucco residence (eight rooms).
Owner—Emily Rose, 2448 Sacramento St., Berkeley.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Plans Being Figured—Bids Close June 1, 2 P. M.
RESIDENCE Cost, $——
TURLOCK, Stanislaus Co., Calif.
Two-story frame and stucco residence (9 rooms, 3 baths) shake roof, oil burning heating system, steel sash hardwood floors, tile baths, etc.; Monterey type.
Owner—Harry Hjelm.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Plans Being Figured—Bids Close June 5, 4:00 P. M.
RESIDENCE Cost, $——
SAN LEANDRO, Alameda Co., Calif.
One-story and basement frame, brick veneer and stucco residence (five rooms) shake roof, gas warm air

heating system, tile wainscot, oak floors, etc.
Owner—Mr. Hope.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Following will submit bids:
George Lund, Hayward.
A. Holyoake, Hayward.
Mark Bristol & Co., Inc., 1038 McKinley Ave., Oakland.
Olaf Petersen, 3626 Rhoda Avenue, Oakland.
A. A. Haskel, 255 Ridgeway Avenue, Oakland.

Preparing Preliminary Plans.
RESIDENCE Cost, $——
SAN FRANCISCO.
One-story and basement frame and stucco residence (6 rooms and 2 baths) English type; composition shingle roof, gas heating system, wood sash, colored tile, plumbing fixtures, plank floors, etc.
Owner—Withheld.
Architect—Sidney A. Colton, 544 Market St., San Francisco.

Plans Being Prepared
RESIDENCE Cost, $9,000
SAN FRANCISCO. St. Francis Wood.
Two - story and basement frame and stucco residence (tile roof, gas heating system, hardwood floors, tile baths, etc.)
Owner—D. H. Hughes.
Architect—Masten & Hurd, 233 Post.

Plans Being Figured—Bids Close June 8, 3:00 P. M.
RESIDENCE Cost, $7000
HOLLISTER, San Benito Co., Calif.
Two-story frame and stucco residence (6 rooms and 2 baths); tile roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contract Awarded.
RESIDENCE Cost, $8500
KENTFIELD, Marin Co., Calif.
One-story frame and stucco residence (7 rooms) tile roof, etc.
Owner — Aaron and Nellie Bucker, Kentfield.
Architect — Ray Keefer, 770 Wesley Ave., Oakland.
Contractor—W. K. Van Bokkelen, 354 Hobart St., Oakland.

Contract Awarded.
RESIDENCE Cost, $7500
SAN FRANCISCO. N Filbert St. W Hyde Street.
Two-story and basement frame and stucco residence.
Owner — Joe Sonobrone, 770 Filbert St., San Francisco.
Architect—Not Given.
Contractor—Frank Rocca, 2935 Franklin St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $——
SAN FRANCISCO. Monterey Heights
Two-story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas heating system, wood sash, tile baths, hardwood floors, etc.
Owner—J. C. Neubauer.
Architect—Harold Stoner, 41 Sutter St., San Francisco.
Bids will be asked about June 22.

15— SCHOOLS

BOND ELECTION
SAN JOAQUIN COUNTY, Calif.—Terminous School District will vote June 23 on a proposal to issue bonds in the amount of $10,000 proceeds to finance construction of a new school in the Terminous School District.
Florence M. Lyons, Mrs. Harold Churchill and May Hard are trustees of the District.

SUB-BIDS WANTED
OAKLAND, Cal.—L. C. Dunn, Monadnock Bldg., San Francisco, desires sub-bids on all portions of the work for the reconstruction of Fremont High School in Oakland, for which bids will be opened June 2, 4 P. M.
Plans prepared by Architect W. G. Corlett, Oakland.

BONDS VOTED
BRYTE, Yolo Co., Cal.—Bryte Elementary School District voted bonds in the amount of $10,000 May 23 to finance construction of an annex to the elementary school in Bryte.

Preparing Preliminary Plans
ADDITION Cost, $30,000
WOODLAND, Yolo Co., Calif.
Addition to high school (six classrooms) reinforced concrete construction.
Owner—Woodland High School Dist.
Architect—Dragon and Schmidts, 3016 Telegraph Ave., Berkeley.
Construction will probably not go forward until next Spring.

To Ask Bids Within Few Days
SCHOOL Cost, $18,000
SALINAS, Monterey Co., Calif. East of Salinas.
One-story frame and stucco elementary school (four classrooms) flat roof.
Owner—Salinas Elementary School District.
Architect—Charles Butner, 630 Pajaro Street, Salinas.

BID OPENING DATE POSTPONED
SACRAMENTO, Cal. — Sacramento Board of Education has postponed the date of opening bids for furnishing and delivering f.o.b. Sacramento High School, 34th and Y Streets, 800 Portable Auditorium Chairs, Brunswick No. 251 or equal. Said chairs to be joined or ganged in sets of two.
The date was previously set for May 25, 5 P. M.
A new date will be set shortly.

NO BIDS RECEIVED
LOS GATOS, Santa Clara Co., Cal.—No bids were received by Los Gatos Union High School District for razing a portion of the old high school building and finishing exterior of unrazed portion in manner similar to present exterior finish.
Whether or not new bids will be asked is not determined at this time.

BIDS WANTED
COALINGA, Fresno Co., Cal.—Until June 4, 7 P. M., bids will be received by Annie Cheney, Clerk, Coalinga Elementary School District for furnishing and installing one complete warm air furnace of same capacity and quality as the National Warm Air Heater Co. No. 544, equipped with a Johnson Rotary Automatic Control Oil Burner No. 4½ or its equivalent. Firebox of furnace must be bricked with a high grade of fire brick, etc. Specifications may be obtained from above office.

BIDS WANTED
MARTINEZ, Contra Costa Co., Cal.—Until June 2, bids will be received by P. D. Butcher, Clerk, Alhambra Union High School District, for furnishing labor and equipment only, for painting of the Junior High School Building, Gymnasium and Shop Bldg. at the High School, Martinez. Materials are being furnished by the Board.
Specifications may be obtained from the architect, W. H. Weeks, 525 Market St., San Francisco. No deposit required.

BONDS DEFEATED
KERN COUNTY, Cal. — Beardsley School District. defeated bond issue in the amount of $80,000 May 20. Proceeds were to have financed construction of additions to school buildings in the Beardsley School District.

BIDS WANTED
COURTLAND, Sacramento Co., Cal.—Until June 12th, 2 P. M., bids will be received by S. Mercer Runyou, Secretary, Courtland Joint Union High School District, for alterations and additions to steam heating plant at Courtland Joint Union High School.
Plans and specifications may be obtained from above office.

Plans Being Prepared.
GYMNASIUM Cost, $——
EAST NICOLAUS, Sutter Co., Calif.
One-story frame and stucco gymnasium.
Owner — Sutter Union High School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

BOND ELECTION
MAGALIA, Butte Co., Calif.—Magalia School District will vote June 11 on a proposal to issue bonds in the amount of $5,000, proceeds to finance construction of a new school building in Magalia.

BIDS OPENED
KERN COUNTY, Cal. — Willard Michael, 2240 Pacific Dr., Bakersfield, submitted low bid at $28,298 to Rockpile Grammar School District, for an addition to the classroom building at the Rockpile School in Kern County. The bids were:
Willard Michael: (A) $17,548; (B) $6612; (C) $4299; (A) and (B) combined, $23,999; (A), (B) and (C) combined, $28,298.
Williams & Greenough, (A) $18,565.50; (B) $6440.68; (C) $3826.40; (A) and (B) combined, $25,000; (A), (B) and (C) combined, $28,826.40.
William A. Croft, (A) $19,121.72; (B) $5929; (C) $4506; (A) and (B) combined, $25,050.72; (A), (B) and (C) combined, $29,556.72.
A. J. Hendricks, (A) $21,000; (B) $7800; (C) $4915; (A) and (B) combined, $28,800; (A), (B) and (C) combined, $33,715.
Henry Eissler, (A) $21,211; (B) $7887 (c) $5000; (A) and (B) combined, $29,098; (A), (B) and (C) combined, $34,098.
The building will be of frame and stucco construction, tile roofing, concrete foundations, concrete and wood floors, wood sash, etc. Charles H. Biggar, 554 Haberfelde Bldg., Bakersfield, Architect.

LOW BIDDER
LOS ANGELES, Cal.—Klass Bros., 3709 Edenhurst Ave., submitted low bid to Los AngeleseBoard of Education at $3590, for painting and miscellaneous work on the new main building at the Soto Street School, 120 S. Soto Street.

LOW BIDDER
LOS ANGELES, Cal. — H. J. McKinley, 3905 Burton Way, Beverly Hillst, submitted low bid to Los Angeles Board of Education,at $2470, for painting and miscellaneous work on the main building at the University High School, 11,800 Texas Ave., West Los Angeles.

LOW BIDDER
SAN PEDRO, Los Angeles Co., Cal.—Harry Wasserman, 424 N. Crescent Heights Blvd., Los Angeles, submitted low bid to Los Angeles Board of Education, at $2750, with alternate deduction of $300 for omission of a certain portion of the work, for painting and miscellaneous work on the

administration, home economics and industrial arts buildings at San Pedro High School, 1221 S. Gaffey St., San Pedro.

BIDS WANTED

LOS ANGELES, Cal.—Until June 4, 11 A. M., bids will be received by Regents of the University of California, for the following work to be done on the campus of the University of California at Los Angeles:

(1) heating and ventilating of the administration building;
(2) excavating and grading for the outdoor theatre.

Plans and specifications may be obtained and bids will be opened at the office of the Comptroller, 48 Liberty Bldg., University of California at Los Angeles, 405 Hilgard Ave. Deposit of $100 is required for plans of work listed under item (1) and $10 deposit is required for plans of work listed under item (2).

BIDS WANTED

FRANKLIN, Sacramento Co., Cal. —Until June 5, 8 P. M., bids will be received by L. B. Johnston, Clerk, Franklin Union Grammar School District, for furnishing building materials for the construction of a gymnasium at Franklin. Material lists may be obtained at the office of the Principal of Franklin Union Grammar School, Franklin.

BIDS WANTED

LOS ANGELES, Cal.—Until June 5, 2 P. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for a new reinforced concrete primary and kindergarten building to be erected at Tenth Street School, 1000 Grattan St. Cost, $70,000. Edward Cray Taylor, Architect; Ellis Wing Taylor, 803 W. Third St., Structural Engineer and O. W. Ott, Mechanical Engineer.

LOW BIDDER

LOS ANGELES, Cal.—N. W. Thiele Constr. Co., 1401 Santa Fe Ave., submitted low bid to Los Angeles Board of Education at $202,500, for a new administration building, home economic building, demolition work, etc., at the Virgil Junior High School, 152 N. Vermont Ave.

LOW BIDDER

LOS ANGELES, Cal.—L. F. Dow Co., 422 Board of Trade Bldg., submitted low bid to Los Angeles Board of Education, at $111,761, for two-story reinforced concrete classroom building to be erected at the Budlong Avenue School, 5940 S. Budlong Ave. A. S. Nibecker Jr., Architect, 1425 S. San Pedro St.

PREPARING PLANS

NORTH HOLLYWOOD, Cal.—Architects Henry Carlton Newton and Robert Dennis Murray, 502 Architects' Bldg., Los Angeles, preparing preliminary plans for two-story Class B reinforced concrete school building to be erected at the St. Charles Parish, southwest corner of Bakman Ave. and Weddington St., North Hollywood, for the Roman Catholic Bishop of Los Angeles and San Diego; Rev. Michael Lalor, pastor. Cost, $40,000.

Prospective Bidders

RECON. SCHOOL Cost, $25,000
OAKLAND, Alameda Co., Calif. 47th Avenue and Foothill Boulevard.
Reconstruct Fremont High School.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Following have procured plans:
B. A. Howkins, 1182 Market St., San Francisco.
Oakland.
Fred J. Early, Jr., 369 Pine St., San Francisco.
Villadsen Bros., 40 Winsor Street, Piedmont.
Monson Bros., 475 6th Street, San Francisco.
Carl N. Swenson, 355 Stockton Ave., San Jose.
Louis C. Dunn, Monadnock Bldg., San Francisco.
Plans and specifications may be obtained from the Secretary's Office, Oakland Board of Education, upon deposit of $25.00.

AWARD RECOMMENDED

BALDWIN PARK, Los Angeles Co., Cal.—Baldwin Park School District has recommended to PWA that contract for construction of a Class A reinforced concrete auditorium at the Central School, Baldwin Park, be awarded to the low bidder, Joseph Maiser, 1241 West 97th St., Los Angeles, at $56,789. Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, Architect.

Bids Opened.

SCHOOL Cost, $30,000
DELANO, Kern Co., Calif.
One-story reinforced concrete grammar school (4 classrooms) wood floors, etc.
Owner—Delano Grammar School Dist.
Architect—E. J. Symmes, Haberfelde Bldg., Bakersfield.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—Williams & Greenough, Bakersfield.
Complete bids follow:
Williams & Greenough, Bakersfield, $34,648.
Graham & Dormandy, Delano, $35,-960.
Midstate Construction Co., Fresno, $36,831.
Bids held under advisement until June 20.

Plans Completed

GYMNASIUM Cost, $60,000
BAKERSFIELD, Kern Co., Calif.
Reconstruction, strengthening and rehabilitation of girls' physical education building at high school.
Owner—Kern Co. Union High School District.
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.

BIDS REJECTED

NEAR LORAINE, Kern Co., Calif.—The Agua Caliente School Dist., Kern County, rejected all bids received May 21 for the construction of a one-story frame school building near Loraine, Kern County. Plans are being revised by the architectural office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield, and bids will be readvertised for soon.

Planned

SCHOOL Cost, $——
SELMA, Fresno Co., Calif.
New grammar school to replace Garfield and Washington Schools.
Owner—Selma Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.

Sub-Contracts Awarded

CLASSROOM UNIT
Contract Price, $57,759
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Brick classroom unit (17 classrooms; second unit).
Owner—Sacramento School District.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Contractor—William C. Keating, 1121 24th Street, Sacramento.
Roofing—Bush Roofing Co., 1912 K St., Sacramento.
Plumbing—A. W. Sweet, 112 W. Bassettlau Ave., North Sacramento.
Electric Wiring—Rex Moore, 616 San Antonio Ave., Sacramento.
Heating—M. R. Carpenter, 907 Front St., Sacramento.
Sheet Metal—Frank Z. Ahl, 2116 P St., Sacramento.
Tile Work—H. P. Fisher Tile & Marble Co., 1219 J St., Sacramento.
Glass—W. P. Fuller & Co., 1013 12th St., Sacramento.
Lathing and Plastering—S. A. Tuchfarber, 2116 36th St., Sacramento.
Painting—C. V. Brown, 2216 L Street, Sacramento.
Reinforcing Steel—Palm Iron Works, 15th and S Sts., Sacramento.

SUB-BIDS WANTED

SANTA ROSA, Sonoma Co., Calif. —N. H. Sjoberg & Son, 5604 E 16th St., Oakland, desires sub-bids on all portions of the work for the construction of a Junior College unit at the Santa Rosa Junior High School, for which bids will be opened June 5, 8 P. M. Plans prepared by Architect Clarence Caulkins, Santa Rosa.

LOW BIDDER

WHITTIER, Los Angeles Co., Cal. —L. F. Dow Co., 422 Board of Trade Bldg., Los Angeles, submitted the low normal bid to Whittier Union High School District at $69,347, for a one-story boys' and girls' dressing room building to be erected at the Whittier high school, Whittier. The building will be L-shaped, 135x135 ft. in overhall area and will be of reinforced concrete construction; composition roofing, cement floors, steel sash, gas steam heating, etc. Wm. H. Harrison, 303 Architects' Bldg., Los Angeles, architect.

CONTRACT AWARDED

WHITTIER, Los Angeles Co., Cal. —W. R. Ware, 720 S. Painter Ave., Whittier, awarded contract by Whittier Union High School District at $68,800 (based upon a main bid of $69-800 with an alternate deduction of $1000 for the omission of exterior plastering) for a one-story, boys' and girls' dressing room building to be erected at the Whittier high school, Whittier. Wm. H. Harrison, 303 Architects' Bldg., Los Angeles, architect.

Plans Awaiting Approval.

AUDITORIUM Cost, $200,000
SACRAMENTO, Sacramento Co., Cal. Sacramento Junior College.
Brick Fine Arts Building and auditorium to seat 1500 at Sacramento Junior College (Fourth unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Plans have been sent to State Division of Architecture, Sacramento, for approval.

Plans Awaiting Approval.

GYMNASIUM Cost, $60,000
BAKERSFIELD, Kern Co., Calif.
Reconstruction, strengthening and rehabilitation of girls' physical education building at high school.
Owner—Kern Co. Union High School District.
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Plans have been forwarded to State Division of Architecture, Sacramento, for approval.

Preparing Working Drawings.

SCHOOL Cost, $80,000
TAFT, Kern Co., Cal. Lincoln School Site.
Reinforced concrete domestic science and music building at Lincoln School site (tile roof, cement and wood floors, steel sash, etc.)

Owner—Kern County Grammar School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

SUB-BIDS WANTED

SANTA ROSA, Sonoma Co., Cal.—Lindgren & Swinerton, Inc., 619 H St., Sacramento, desire sub-bids on all portions of the work for the construction of the Santa Rosa Junior College unit for which bids will be opened June 5, 8 P. M.

Plans prepared by Architect C. A. Caulkins, Jr., Santa Rosa.

16—BANKS, STORES AND OFFICES

Contract Awarded

REPAIR BLDG. Cost, $10,000
SANTA ROSA, Sonoma County, Calif. Fourth Street.
Repair fire damage to building (new roof, new flooring, new partitions and stair, interior work, stucco front, etc.)
Owner—B. F. McDannell, Santa Rosa.
Architect—Not Given.
Contractor—C. D. Roberts, 432 Third St., Santa Rosa.

Low Bidder

OFFICE BLDG. Cost, $8,000
HEALDSBURG, Sonoma County, Cal. Matheson and East Streets.
One-story frame and brick office bldg.
Owner—Pacific T. & T. Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Low Bidder—Monson Bros., 475 Sixth St., San Francisco.

Contract Awarded

ALTERATIONS Cost, $3,000
SAN FRANCISCO. 360 Pine Street.
Alterations to offices.
Owner—Phoenix Assurance Company.
Architect—Francis E. Lloyd, 360 Pine.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street.

Contract Awarded

ALTERATIONS Cost, $3,500
SAN FRANCISCO. NW Columbus & Green Street.
Alterations to stores and apartments.
Owner—Capital Co., 625 Market St.
Architect—Not Given.
Contractor—Langfelder and Schuster, 280 Wawona Ave.

CONSTRUCTION TO START SHORTLY

SAN BERNARDINO, Calif.—Architect Howard Jones 518 Andreson Bldg. San Bernardino, has completed plans and bids have been taken for a second story addition to the Citizens' National Bank Bldg., San Bernardino. The addition will be of reinforced concrete construction and cost is estimated at $75,000. The general contractor will be announced soon.

Contract Awarded.

ALTERATIONS Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. No. 607-11 K Street.
Alterations to store building (terra cotta tile exterior finish, painting, decorating, etc.)
Owner—Nat. Rothman (Rough Rider Co.), San Francisco
Architect — Harry Devine, Cronan Bldg., Sacramento.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.

Contract Awarded.

ALTERATIONS Cont. Price, $19,500
OAKLAND, Alameda Co., Cal. Fourth and Jackson Streets.
Additions to offices (steel frame and concrete joists, skylights, steel sash, glass, heating and electrical work, etc.)
Owner—Safeway Stores, Premises.
Consulting Structural Engineer—Jesse Rosenwald, 525 Market St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
(60 days for completion).

Segregated Bids Being Taken.

ALTERATIONS Cost, $——
SONORA, Tuloumne Co., Calif.
Extensive remodeling of bank building (new bank fixtures, etc.)
Owner — Capital Co., 625 Market St., San Francisco.
Plans by Construction Department of Owner.
Bank fixture bids are to be opened May 29.

Plans Being Figured—Bids Close June 3.

MARKET Cost, $15,000
MODESTO, Stanislaus Co., Calif. J and 12th Streets.
One-story market building (200x140 feet).
Owner—Carl W. Shannon, Modesto.
Architect — Russell G. deLappe, 5905 Keith Ave., Oakland.

Construction To Start Shortly.

ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. NE Broadway and 17th Street.
Alterations to ground floor, basement & mezzanine floor of building (to house drug store, candy store, pitician, lunch fountain, barber and beauty shop, etc.)
Owner—Bay Properties, Inc.
Plans by Engineering Dept. of Owner.
Mgr. of Constr.—Western Engineering & Constr. Co., 2510 Magnolia St., Oakland.
Work will be done on a segregated bid basis, as follows:
General work, plumbing, electrical, painting, linoleum and awnings.

Contract Awarded.

PAINTING Cost, $——
EUREKA, Humboldt Co., Calif.
Paint interior and exterior of bank building (five-story structure).
Owner—Capital Company.
Plans by Constr. Dept. of Owner.
Contractor—J. Z. Smith, 666 Mission St., San Francisco.

Sub-Contracts Awarded

MEDICAL-DENTAL BUILDING
Contract Price, $19,335
MERCED, Merced Co., Calif. Nineteenth and M Streets.
One - story frame and succo medico-dental building (5 doctors' suites) California style of architecture.
Owner—Dr. Chester A. Moyle, Merced
Architect—Charles Butner, 630 Pajaro Street, Salinas.
Contractor—C. N. Cameron & Son, P. O. Box 244, Merced.
Roofing—Cross Lumber Co., Merced.
Plumbing—Sanitary Plbg. Co., Merced
Heating, Sheet Metal and Electrical—Sanitary Plumbing Co., Merced.
Glass—Cross Lumber Co., Merced.
Iron Grille Work—Kyle & Cor., Fresno
Lathing and Plastering—Jack Shone, Merced.
Steel Sash—Kyle & Co., Fresno.
Hardware — Bedesen and McNamara, Merced.
Mill Work—Cross Lumber Co., Merced
Painting—W. J. Zierenberg and Son, Merced.
Reinforcing Steel—Kyle & Co., Fresno
Concrete—Bill Bailey, Merced.

Plans Being Figured.

ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. Broadway and Grand Ave.
Alterations to bank building (new bank fixtures, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Constr. Dept. of Owner.

PLANNED

WASCO, Kern Co., Calif.—Frank Streumpf of Wasco is having plans prepared by Maynard Crowder for a two-story office and store building to be built in Wasco. The drug store portion of the building will be leased by E. B. Stringham and the offices by Dr. Prather.

Contract Awarded

ALTERATIONS Cost, $3,000
OAKLAND, Alameda Co., Calif. 763 12th Street.
Alterations to building.
Owner—Carpenters Union, 763 12th St. Oakland.
Architect—Not Given.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.

Elevator Contract Awarded

ALTERATIONS Cost, $——
SAN FRANCISCO. 465 California St.
Alteration work and installation of new elevators in office building.
Architect—Bliss & Fairweather, Balboa Building.
Contractor— H. S. Meinberger, 956 Folsom Street.
Elevators — Westinghouse Elec. Elevator Co., 1 Montgomery Street.

Planned.

OFFICE BLDG. Cost, $——
SANTA CRUZ, Santa Cruz Co., Calif. Upper Pacific Avenue.
Two or three-story reinforced concrete office building.
Owner—Coast Counties Gas & Electric Co., Santa Cruz.
Architect—Not Given
Present building on site will be razed.
Further details will be announced at a later date.

Contract Awarded

OFFICE Cost, $10,000
SOUTH SAN FRANCISCO., San Mateo Co., Calif.
One-story reinforced concrete office building.
Owner—Morrill Ink Co. of California.
Architect—Not Given.
Contractor — Dinwiddie Construction Co., Crocker Bldg., San Francisco.

BIDS OPENED

MOJAVE, Kern Co., Cal.—J. R. Lippincott, 4344 S. Arlinfton Ave., submitted low bid at $19,780 to D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau. Room 740, 207 S. Broadway, May 20, for a two-story warehouse and office building to be erected on property of the deepartment at Mojave, under Specifications No. X-23; PWA Docket 1929-R, Unit No. 14. The building will be of reinforced concrete construction 46x46 feet in area; composition roofing, steel windows, metal doors, cement, tile and linoleum floors, hollow tile partitions, toilets, iron railings, flood lights, etc. The bids were; J. R. Lippincott, $19,780; Esser Wikholm, Ltd., $20,050; Joseph Maiser, $20,450; Frank Schoenrock, $21,750; Carlo Bongiovanni Constr. Co., $25,000. J. R. Lippincott submitted the names of the following subcontractors with his general contract bid: Excavating to Consolidated Crane Service; linoleum and blinds to L. A. Linoleum Co.; tile work to Neil Sirrine; plumbing to Fred Pump; electric wiring to Hamm & Smith; roofing to Pacific Roofing Co.; plastering to A. E. McMullin; glass and glazing to Golden State Glass Co.; painting to Arenz-Warren Co. Bids held under advisement.

Plans Being Completed

ADDITIONS, ETC. Cost, $60,000
SAN RAFAEL, Marin County, Calif. B and Fourth Streets.
Alterations to the present building and addition of new annex, 42x45

feet; 1-story steel and brick construction, plain and ornamental plaster, tile and terra cotta exterior, marble counters, composition roofing, metal windows, new steam heating plant, air conditioning system, marble and linatile floors, bronze fixtures, cabinet work, etc.
Owner—Bank of San Rafael (William P. Murray, president).
Architect—H. H. Winner, Wordsworth Avenue, Ross.
Bids will be asked in about 2 weeks.

Additional Sub-Contracts Awarded
ALTERATIONS Cost, $165,000
SAN FRANCISCO. Stockton and Market Streets.
Alterations and additions to a store building (440 feet frontage) resurface exterior with glazed terra cotta, granite base, new display windows, fixtures, etc.
Owner—Roos Brothers, Premises.
Architect—Bliss & Fairweather, Balboa Bldg., and Albert R. Williams Humboldt Bank Building.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Elevators—Pacific Elevator & Equipment Co., 45 Rausch Street.
Lathing and Plastering—Peter Bradley, 639 Brannan Street.
Electric—Central Elec. Co., 179 Minna Street.
Plumbing and Heating—Scott Co., 243 Minna Street.
Granite—McGilvray Raymond Corp., 3 Potrero Avenue.
Other awards reported May 5.

Sub-Contracts Awarded
STORE Cont. Price, $7,700
SONOMA, Sonoma Co., Calif.
One - story reinforced concrete store bldg. (composition and tile roofing, wood floors, skylights, etc.)
Owner—F. Clewe.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—R. E. Murphy, Sonoma.
Roofing—Napa Roofing Co., Napa.
Plumbing—Marcy & Peterson, Sonoma
Electric Wiring—A. J. Martinson, Sonoma.
Sheet Metal—Marcy & Peterson, Sonoma.
Tile Work—George Jale & Son, Santa Rosa.
Glass—Sonoma Mill & Lbr. Co., Sonoma.
Hardware—F. Clewe, Sonoma.
Painting—John Weymouth, Sonoma.
Reinforcing Steel—Concrete Engr. Co. San Francisco.

Bids Opened.
BANK AND STORE Cost, $100,000
BURLINGAME, San Mateo Co., Calif. Burlingame Ave. 308 ft. W Primrose Road.
One-story reinforced concrete bank and store building.
Owner—San Francisco Bank, 526 California St., San Francisco.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.
Low Bidder—Cahill Bros., 206 Sansome St., San Francisco.
G. W. Williams Co., Burlingame, submitted second law bid and Chas. Pedersen, Burlingame was third.
This portion of the work includes, concrete, carpentry, reinforcing steel, miscellaneous iron, excavation, etc.
Other portions of the work will be awarded at a later date.

CONTRACT AWARDED
SAN FRANCISCO—Reed & Reed, Hearst Bldg., at $141,799 awarded contract by Public Utilities Commission for construction of a new administration building at the San Francisco Airport, Airport Contract No. 38. Building will be a reinforced concrete structure with reinforced concrete structural walls, metal lath and plaster partitions on metal studs, tile roof and will have a timber frame kitchen wing on northerly side.
Plans prepared by Airport Bureau, 425 Mason St.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO. 25 Trinity Place.
Alterations to restaurant.
Owner—H. O'Burke, premises.
Contractor—John O'Shanna, 231 Stevenson Street.

Preparing Working Drawings.
STORE & HOTEL Cost, $——
SANTA ROSA, Sonoma Co., Calif. Fourth and D Streets.
Three-story store building and hotel to replace structure recently destroyed by fire (250x200 feet).
Owner—Fred Rosenberg et al, Santa Rosa.
Architect—C. A. Caulkins Jr., Rosenberg Bldg., Santa Rosa.

To Ask Bids Shortly.
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Cal. No. 2180 Shattuck Avenue.
Alterations for restaurant.
Owner—F. W. Woolworth Co, Financial Center Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Supt. of Constr.—F. W. Ebersole, Premises.

Contract Awarded.
ALTERATIONS Cost, $3000
STOCKTON, San Joaquin Co., Calif. No. 222 No. Sutter Street.
Alterations to store building.
Owner—Dr. Hudson Smith.
Architect—Not Given
Contractor — W. J. Scott, 1661 W. Poplar St., Stockton.

Contract Awarded.
ALTERATIONS Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. No. 87 South First Street.
Alterations and additions to store building (new front, display windows, etc.)
Owner—Stock Estate.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Lessee—Sherman Clay & Company.
Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.

Construction To Start Shortly.
STORE Cost, $15,000
MT. SHASTA, Siskiyou Co., Calif.
Two-story hollow tile store building (50x80-ft.) built-up roof, oil burning heating sys., hardwood floors.
Owner—Miss C. S. Allingham, Mount Shasta.
Architect—Not Given.
Mgr. of Const.—W. C. Tait, Room 208 883 Market St., San Francisco.

Sub-Contracts Awarded.
ESCALATORS, ETC.
Total Cost, $250,000
SAN FRANCISCO. Market St. near Fifth Street.
Preparatory work for the installation of 8 escalators from downstairs store to 4th floor of dept. store.
Owner—The Emporium, Premises.
Plans by Engineering Dept. of Owner.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Sprinklers—George M. Robinson, 451 Folsom St.
Painting—D. Zelinsky & Son, 165 Grove Street.
Sheet Metal and Hollow Metal—Guilfoy Cornice Works, 1234 Howard Street.
Electric — Delatour Electric Co., 666 Mission Street.
Structural Steel and Ornamental Iron Fair Mfg. Co., 617 Bryant St.
Plastering—Peter Bradley, 639 Brannan Street.

As previously reported, escalator contract awarded to Otis Elevator Co. 1 Beach Street.

Bids In—Held Under Advisement.
ALTERATIONS Cost, $8,000
SAN FRANCISCO. 310 Sansome St.
Alterations to lobby of Alaska Commercial Building (new floor covering, elevator fronts and cabs, four bronze doors, lighting fixtures, painting, decorating, etc.)
Owner—Walton N. Moore.
Architect—Albert Roller, Crocker 1st National Bank Building.
Agents—Norris, Beggs and Bace, 544 Market Street.
Segregated bids have been received and announcement will be made shortly.

17— THEATRES

Contract Awarded.
ALTERATIONS Cost, $50,000
SAN FRANCISCO. NW Cole and Haight Streets.
Remodel Haight Theatre.
Owner—Golden Gate Theatre Co., 25 Taylor Street.
Associated Architects — Jorgensen & Deichmann, 321 Bush Street.
Structural Engineer—L. H. Nishkian, 525 Market Street.
Contractor — Alfred J. Hopper, 1769 Pleasant Valley Road, Oakland.

Permit Granted
THEATRE Cost, $70,000
SAN FRANCISCO. Chestnut St. near Scott Street.
One - story steel and concrete theatre (to seat 900) modern style.
Owner—Sbarboro & Detjen.
Architect—John Ahnden, 822 39th Avenue.
Structural Engineer—L. H. Nishkian, 525 Market Street.

19—MISC. CONSTRUCTION

Contract Awarded
SWIMMING POOL Cost, $6,500
OAKLAND, Alameda Co., Calif. 277 Tunnel Road.
Reinforced concrete swimming pool & bathhouse.
Owner—Stanley Hiller, 277 Tunnel Rd. Oakland.
Architect—J. K. Ballantine, 137 Harlan Place, San Francisco.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.

BIDS WANTED
SEBASTOPOL, Sonoma Co., Calif. —Until June 4, 8 P. M., bids will be received by Edith M. Mayhorn, Clerk, Sebastopol Union School District, for the sale of the Sebastopol Grammar School.
Specifications and bid forms may be obtained from above office and from C. A. Caulkins, Architect, Rosenberg Bldg., Santa Rosa.

Sub-Contracts Awarded
ORPHANAGE Cost, $65,000
SAN FRANCISCO. SE Geary and Laguna Streets.
Three-story frame and stucco orphanage.
Owner—Salvation Army, 115 Valencia Street (Japanese Division).
Architect—D. D. Stone, 110 Sutter St.
Structural Engineer—F. W. Kellberg, 320 Market Street.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Electric—Chas. A. Langlais, 472 Tehama Street.
Plastering—A. Knowles, 982 Bryant.
Other awards reported May 5.

CONTRACT AWARDED
LOS ANGELES, Cal.—Guy E. Hall, 4172 Dalton Ave., awarded contract at approximately $185,000 for construction of two sound stages at the 20th Century-Fox Film Corp., Studio site,

10,260 Orton Ave., West Los Angeles. The buildings will be 135x212 and 135x 240 feet in area, steel frame construction, metal lath and plaster exteriors, sound insulation, metal - covered and built-up sound doors, metal sash, composition roofing, etc. Bethlehem Steel Corp. awarded contract for furnishing the steel frame for the buildings. The general contract will include erection of the frames and completion of the buildings. Plumbing and electric wiring will be done by the owner. J. A. Barlow, 10,260 Orton Ave., West Los Angeles, architect.

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal. —Bright Spot Electric Co., 332 East Weber Avenue, Stockton, at $2191.12 awarded contract by Stockton City Council for furnishing and installing public address system in the Municipal auditorium, Stockton.

BIDS OPENED

FORT BAKER, Cal.—Wm. A. Degen, 2055 Santa Clara St., Alameda, at $583 submitted low bid and recommended for award of contract by the Signal Officer, Presidio of San rFancisco, under Bid No. C. P. 1084 SC 36-3, for installing 50 pair of 19 ga. steel tape armored telephone cables from present manhole No. 39 to : resent submarine cable terminal hut, Ft. Baker, a distance of approximately 1,-900 feet. Trench to be dug 24-inch deep, excepting where crossing roads. Where roads are crossed, cable will be placed 30-in. below present surface and encased in 2½-in. galvanized iron pipe. The cable will be furnished by the Signal Corps.

Complete bids follow:

W. A. Degen, Alameda	$ 583.00
D. E. Manning, S. F.	583.70
O. G. Ritchie, San Jose	912.00
Mills Const. Co., S. F.	1,530.00

BIDS WANTED

DUNSMUIR, Siskiyou Co., Calif.—Until June 1, 10 A. M. (to be opened at 8:30 P. M.) bids will be received by Cethill Jones, Dunsmuir Joint Union High School District, for the construction of a concrete wall 100 ft. or 160 ft. long.

NOTICE OF SALE

SAN FRANCISCO.—Until June 24, 11 A. M., bids will be received by the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for the sale of steel frame balloon hangar, 77x120 feet, located at Fort Winfield Scott, Presidio, San Francisco.

Further details may be obtained from above office. Specifications may be obtained from above office and are on file in the office of DAILY PACIFIC BUILDER and may be inspected by those interested.

Plans Being Completed

FUNERAL HOME Cost, $7,500

EXETER, Tulare Co., Cal. NE Pine and B Streets.

New funeral home(English type of architecture).

Owner—J. M. Hadley, Visalia.

Plans by Judson Steele, 822 W Mineral King St., Visalia.

Bids will be asked about June 15.

Sub-Contracts Awarded

RADIO STATION Cost, $25,000

SAN MATEO CO., Cal. Skyline Blvd. near San Mateo - Half Moon Bay Road.

One - story and basement concrete or hollow tile radio receiving station.

Owner—Globe Wireless Company, 311 California Street, San Francisco, (Jack Kaufman, general manager)

Architect — Miss Julia Morgan, Merchants Exchange Bldg., San Francisco.

Contractor—W. C. Tait, Rm. 208, 883 Market St., San Francisco.

Lumber and Mill Work--W. K. Wood Lumber Co., Frederick and King Sts., Oakland.

Roofing—Malott & Peterson, 20th and Harrison Sts., San Francisco.

Painting—Pacific Painting & Decorating Co., 5414 Telegraph Avenue, Oakland.

Sheet Metal — McNally Furnace and Sheet Metal Co., 3824 Hopkins St., Oakland.

Hardware — Lec Hardware Co., Inc., 151 New Montgomery Street, San Francisco.

CONTRACT AWARDED

SAN DIEGO, Calif. — V. R. Dennis Const. Co., P. O. Box F, Station A, San Diego, at $3,895 submitted low bid and awarded contract by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8183, for intercommunicating telephone system at the Naval Operating Base (Fuel Depot) San Diego.

Work includes furnishing and installing of an automatic switchboard with battery eliminator, manhole and building terminals; 4 telephone manholes and conduits to manholes and buildings; nineteen wall and desk telephones; outside multi-pair and single pair telephone cables; inside twisted pair circuits and conduits; and miscellaneous work and material.

Complete bids follow:

V. R. Dennis Const. Co., San Diego	$3,895.00
Gill Electric Co., San Diego	4,165.90
W. H. Barber, San Diego	4,542.63
E. C. Nickel, Los Angeles	4,664.00
Capitol Elec. Co., San Diego	4,840.00
Underground Const. Co., Berkeley	5,811.00
Newberry Elec. Corp., L. A.	6,733.00

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until June 1, 10 A. M., bids will be received by the Signal Officer, Ninth Corps Area, Presidio of San Francisco under Bid No. C. P. No. 1084 SC 36-4, for the installation of Antenna Masts at R.O.T.C., University of California, Berkeley.

Work consists of furnishing and installing two identical masts (wood flagpole type) where directed on the inner (west) face of the parapet wall of the East Track Bleachers, Edwards Field, University of California.

Plans and specifications obtainable from the above office.

BIDS OPENED

ALCATRAZ ISLAND, Cal. — H. S. Tittle Co., 85 Columbia Square, at $321 submitted low bid to the Bureau of Prisons, Alcatraz Penitentiary, J. A. Johnston, Warden, under Bid No. 663, for furnishing and installing one electric siren, complete with wiring, controls, etc., on building No. 68, Alcatraz Island.

Complete bids follow:

H. S. Tittle Co.	$321.00
W. B. Baker & Co.	324.00
American Elec. Constr. Co.	351.00
Standard Elec. & Engr. Co.	378.28
Abbett Electric Co.	423.00

Bids held under advisement.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

EUREKA, Humboldt Co., Calif. — American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at $1.70 per ft., awarded contract by the Eureka City Council for furnishing 2500 l.f. of 12-in. bell and spigot cast iron water pipe for use in replacement of the entire G Street water main.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing pressure-creosoted poles under Specifications No. 1965 were opened by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, May 21. The bids were taken as follows:

(1) 300 40-ft. poles;
(2) 50 35-ft. poles;
(3) 25 60-ft. poles;

The bids, showing unit prices were:

*Texas Creosoting Co.—(1) $22.31, (2) $35.60, (3) $44.20; total weight, 639,000 lbs.

Pan-Pacific Piling & Constr. Co.—(1) $18.40, (2) $25.85, (3) $30; total weight, 568,750 lbs.

Chas. P. McCormick Lumber Co.—(1) $18.30, (2) $29.75, (3) $33.90; total weight, 510,000 lbs.

American Lumber & Treating Co.—(1) $18.55, (2) $25.10, (3) $32.50; total weight, 522,000 lbs.

H. A. Browning Lumber Co.—(1) $14, (2) $24.50, (3) $28; total weight, 663,000 lbs.

*Graybar Electric Co.—(1) $25.24, (2) $45.75, (3) $53.80; total weight, 639,000 lbs.

J. H. Baxter & Co.—(1) $14.60, (2) $27.25, (3) $32.55; total weight, 460,000 lbs.

*Westinghouse Electric Supply Co. —(1) $21.17, (2) $41.45, (3) $48.71; total weight, 603,000 lbs.

*Bid on southern yellow pine poles; all other Douglas fir. All terms net.

BIDS OPENED

HEBER, Utah.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 789-D, for furnishing and delivering two automatic radial gates and one gate floatwell intake pipe for installation at the Moon Lake Dam, Moon Lake Proj. Utah:

Lakeside Bridge & Steel Co., Milwaukee: (1) $5,650; (2) no bid; fob Milwaukee; discount ½%.

California Steel Products Co., San Francisco: (1) $6,994; (2) $248; (1 and 2) $7,229; fob Heber; net.

S. Morgan Smith Co., York, Pa.: (1) $5,615; (2) no bid; fob York; net.

Berkeley Steel Const. Co., Inc., Berkeley: (1) $7,320; (2) $160; (1 and 2) $7,400; fob Berkeley; net.

Omaha Steel Works, Omaha: (1) $7-417; (2) no bid; fob Omaha; ½% discount.

Bartlet - Hayward Co., Baltimore: (1) $5,800; (2) no bid; fob Baltimore; ½% discount.

Joshua Hendy Iron W'ks, San Francisco: (1) $7,604; (2) no bid; fob Sunnyvale; net.

Steacy Schmidt Mfg. Co., York, Pa.: (1) $7,000; (2) no bid; fob York; net.

John W. Beam, Denver: (1) $7,800; (2) $265; fob Peotone, Ill.; ½% discount.

Valley Iron Works, Yakima: (1) $4,-200; (2) no bid; fob Yakima; 5% discount.

General Iron & Steel Works, Portland: (1) $6,880; (2) no bid; fob Portland; net.

Western Pipe & Steel Co. San Francisco: (1) no bid; (2) $186; fob South San Francisco; net.

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO. — Following bids received by the U. S. Engineer Office, 401 Custom House, Lieut. Col. J. A. Dorst, District Engineer, under Bid No. 868-36-29, for furnishing one self-adjusting draghead for U. S. Dredge "Dan C. Kingman":

(a) Delivery in 15 days;
(b) Delivery in 20 days;
(c) Delivery in 25 days;
(d) Delivery in 30 days.

Bethlehem Shipbuilding Co.: (a) $1-040; (b) $980; (c) $980; (d) $980.

Columbia Machine Works: (a) $1310 (b) $1170; (c) $1100; (d) $1050.

Co.: (a) $2160; (b) $1790; (c) $1646; (d) $1567.

Moore Dry Dock Co.: (a) $1500; (b) $1350; (c) $1200; (d) $1095.

General Engineering & Dry Dock Union Machine Co.: (d) $972.

Bids held under advisement.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Dispesal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until June 8, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, Court House, Sacramento, T. F. Patterson, County Clerk, for construction of a bridge on California Vineyard Road.

The work involves:

(1) 0.672 MFBM furnish and install Redwood caps;
(2) 10.283 MFBM furnish and install Redwood stringers, scabs and bridging.
(3) 2.784 MFBM furnish and install Redwood sub-floor;
(4) 2.788 MFBM furnish and install Redwood posts, railing, & wheel guards;
(5) 60 cu. yds. concrete in place in abutments, bent posts, and post footings;
(6) 29 cu. yds. concrete in place in deck;
(7) 9220 lbs. reinforcing steel in place;
(8) 250 cu. yds. excavation and backfill.

Plans and specifications obtainable from the office of County Engineer John Rooney. *

BIDS WANTED

SACRAMENTO COUNTY, Cal. — June 8, 10 A. M., bids will be received by the Sacramento County Bd. of Supervisors, Court House, Sacramento, T. F. Patterson, County Clerk, for construction of a bridge on Sheldon Road.

The work involves:

(1) 1.008 MFBM furnish and install Redwood caps;
(2) 13.663 MFBM furnish and install Redwood stringers, scabs and bridging;
(3) 3.396 MFBM furnishing and installing Redwood sub-floor;
(4) 3.390 MFBM furnishing and installing Redwood posts, railing, and wheel guards;
(5) 61.5 cu. yds. concrete in place in abutments, bent posts, and post footings;
(6) 38.4 cu. yds. concrete in place in deck;
(7) 10,536 lbs. reinforcing steel in place;
(8) 300 cu. yds. excavation and backfill.

Plans and specifications obtainable from the office of County Engineer John Rooney. *

SUB-CONTRACTS AWARDED

SANTA CLARA COUNTY, Cal.—Barrett & Hilp, 918 Harrison St., San Francisco, general contractor for construction of an undergrade crossing under the tracks of the Southern Pacific Co. at Lafeyette St. in Santa Clara, has awarded the following subcontracts in addition to those published April 9:

Pumps—Western Pump Co., Ltd., P. O. Box 47, San Jose.
Painting Steelwork—Moore Dry Dock Co., Foot of Adeline St., Oakland.
Furnishing and Fabricating Structural Steel—Moore Dry Dock Co.
Reinforcing Steel—San Jose Steel Co., 1344 The Alameda, San Jose.
Pipe—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco.
Electric System — Roy M. Butcher, 1020 Sherwood Ave., San Jose.
Catchbasins, Etc.—Enterprise Foundry Corp., 2902 19th St., San Francisco.

BIDS WANTED

MARICOPA COUNTY, Ariz.—Until June 4, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for furnishing and delivering structural steel for the Boulder Creek bridge, A.F.E. 8801, Apache Trail Highway. The work consists of furnishing and delivering structural steel f.o.b. Mesa, Arizona, and is to be completed on or before 30 days after date of the award of contract. The principal item is 206,000 lbs. of structural steel conforming to Arizona Highway Department plans and standard specifications, edition of 1935, complete with Dardelet bolts for all field connections. No shoes required. Proposal guarantee in an amount of not less than 5% of the gross amount of the bid in the form of a certified or cashier's check must accompany each bid. T. S. O'Connell, State Highway Engineer.

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—D. A. Loomis, 676 W. Salem St., Glendale, at $17,022.70 awarded contract by the State Highway Commission, Sacramento, for construction of an overhead crossing over the tracks of the A. T. & S. F. Railway in Riverside County, 1 mile north of Box Springs, consisting of one 47 ft., two 84 ft., and two 8 ft. spans.

SUB-BIDS WANTED

ALAMEDA COUNTY, Calif.—B. A. Howkins, 1182 Market St., San Francisco, desires sub-bids on portions of the work on Bell Ranch Bridge over Alameda Creek on Decoto Road in Washington Township, for which bids will be received by Alameda County Board of Supervisors, Oakland, June 9, 10 A. M.

CONTRACT AWARDED

LINCOLN COUNTY, Oregon—Wm. C. Schmidt, 2546 Brendle St., Portland, at $5280 submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, May 21, for construction of a 69-foot composite pile trestle bridge over Olalla Creek on Corvallis - Newport Highway, approximately one mile northerly from Toledo, Lincoln County

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until June 8, 10 A. M., bids will be received by Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento, for construction of a trestle over Burton Slough, 8 miles south of Franklin on the Lower Stockton Road.

The work involves:

(1) 2,232 ft. treated Douglas fir piling;
(2) 6.4 MFBM treated Douglas fir caps and cross bracing;
(3) 39.871 MFBM treated Douglas fir stringer scabs and bridging;
(4) 14.256 MFBM Redwood sub flooring;
(5) 11.164 MFBM Redwood rail posts, railing blocks, etc.;
(6) 95 c.y. 6-sack concrete in abutments;
(7) 146 c.y. 6-sack concrete in decks
(8) 26,945 lbs. reinforcing steel;
(9) 220 c.y. excavation and backfill;
(10) Lump sum, removal of old trestle

Plans and specifications obtainable from the office of County Engineer John Rooney upon deposit of $10.00.

CONTRACT AWARDED

UMATILLA CO., Oregon.—Colonial Const. Co., 326 First St., Spokane, at $184,885 awarded contract by Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, for construction of an overcrossing over the O. W. R. & N. Co., tracks and 1.5 miles of grading and paving of city streets and state highway on the Old Oregon Trail in Pendleton.

Bids were opened January 9 and held under advisement pending an agreement between the Union Pacific and the Great Northern railroads that they would merge their lines at the crossing. *

BIDS WANTED

ELDORADO COUNTY, Calif.—Until June 16, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for culvert repairs to Oglesby Canyon culvert, Section A (portion) of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado National Forest, Eldorado County.

The work involves approximately 53 c.y. of Class "D" concrete.

Plans and specifications obtainable from the above office upon deposit of $10.00. *

BIDS WANTED

KITTITAS COUNTY, Wash.—Until June 10, 10 A. M., bids will be received by the Bureau of Public Roads W. H. Lynch, District Engineer, 816 New Postoffice Bldg., Portland, for improving the Quartz Creek Bridge, a 54-ft. I-beam span; Little Naches River Bridge, a 105-ft. steel pony span; Little Naches River Bridge, a 65-ft. I-beam span; all with timber decks and concrete abutments; Little Naches Road, located within the Columbia National Forest, Kittitas Co.

The length of the project is approximately 0.0443 mile bridges and 0.2987 mile grading, and the principal items of work involved are:

(1) 2,675 c.y. unclass. excav.;
(2) 10.3 MFBM untreated timber;
(3) 39.2 MFBM treated timber;
(4) 180 c.y. concrete;
(5) 12,000 lbs. reinforcing steel;
(6) 112,000 lbs. structural steel;

(7) 550 c.y. loose riprap, Type 1.

Plans and specifications obtainable from above office upon deposit of $10.

NEW BIDS ASKED

SANTA CLARA COUNTY, Cal.—Until June 8, 11 A. M., new bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, for construction of a reinforced concrete culvert over Silver Creek in District No. 2.

All bids received May 25 were rejected.

The bids were:

O. G. Ritchie, San Jose	$1640
H. Sneed, Berkeley	1985
Earl W. Heple, San Jose	1936
Engineer's Estimate	1120

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1 per set

BIDS WANTED

MT. RAINIER NATIONAL PARK, Wash.—Until June 12, 2 P. M., bids will be received by the National Park Service, F. A. Kittredge, Chief Engineer, Room 250, Federal Office Bldg., San Francisco, for constructing a steel horse trail suspension bridge 198 ft. long, center to center of towers, and 5 ft. wide, over Tahoma Creek, located in Mount Rainier National Park.

The work involves:

(1) 60 c.y. excavation;
(2) 75 c.y. concrete;
(3) 28 tons structural steel, rods, bolts cables and fittings;
(4) 110 sq. yds. asph. concrete paving, 2-in. thick;

Alternate bids will be taken as follows:

(A) Fabrication;
(B) Fabrication and erection;
(C) Complete bridge ready for traffic.

Plans and specifications obtainable from the above office and from Major Owen A. Tomlinson, Superintendent, Mt. Rainier National Park, Longmire, Wash., upon deposit of $10.00.

CONTRACT AWARDED

SAN FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at $54,555 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,932 for construction of the Harrison St. viaduct over Beale St.

LOW BIDDER

MARICOPA COUNTY, Ariz.—Phoenix Tempe Stone Co., Phoenix, submitted the low bid to Arizona State Highway Commission, Phoenix, at $83,615 (alternate bid, $84,015; alternate bid, $64,677; alternate bid, $85,077) for the construction of a reinforced concrete underpass and approaches in the town of Wickenburg, Ariz. The work is to be completed on or before Feb. 28, 1937.

The items are:

18,360 c.y. structural excavation;
16,170 sta. yds. overhaul;
216 l.f. CMP (various sizes);
694 l.f. plain concrete pipe (do);
690 l.f. reinf. concrete pipe;
1,475 c.y. concrete;
198,000 lbs. reinf. steel;
21,000 lbs. reinf. steel;
1,800 l.f. vitrified clay pipe;
4,513 l.f. various types curbs and gutters;
1,748 s.y. concrete pavement;
1,735 s.f. concrete sidewalk;
5 manholes;
760 l.f. road guard;
64 tons asphaltic sidewalk;
1,339 tons cutback mix;
18 tons emulsified asphalt;
electric lighting system;
membrane and asphaltic plank waterproofing;
placing and removing shoofly embankment;

Alternate Waterproofing

membrane and sand asphalt waterproofing;

Alternate Concrete—Sidewalk Items

1,678 tons aggregate base course;
7,480 s.f. concrete sidewalk;
and other incidental items.

Pearson & Dickerson, Prescott, submitted the second low bid at $85,733; no alternate bids.

BIDS OPENED

WASHINGTON COUNTY, Oregon—Parker-Schram Co., Couch Building, Portland, at $28,151 on tar and at $18,175 on road oil submitted low bid to the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, May 22, for construction of a 107-ft. composite pile trestle over the Oregon Electric Railway tracks and 0.6 mile of grading, surfacing, and oil mat surface treatment on the Garden Home Section of the Garden Home County Rd. No. 1323.

Bids referred to the engineer with power to award contract.

BIDS WANTED

SAN FRANCISCO — Until June 3, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for the repair of gusset plates and concrete shoulders on the Third Street bridge over Islais Creek Waterway

Specifications obtainable from City Engineer John J. Casey, Room 351, City Hall.

BIDS OPENED

SAN FRANCISCO—M. B. McGowan Inc., 74 New Montgomery St., at $5,723 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,825 for renewal of the floor deck and walk on the east cantilever roadway of the Third St. bridge over Islais Creek Waterway.

Work includes furnishing and installing open steel mesh decking, new structural steel supports, new timber curb, sidewalk and wheel guard, and painting all structural steel, timber curb, wheel guard and angle guards.

M. J. Lynch, San Francisco, at $5900 ubmitted the only other bid.

BIDS WANTED

PARKER, Ariz.—Until June 2, 3 P. M., bids will be received by the U. S. Indian Irrigation Service, 751 South Figueroa St., for drilling, casing, perforating, sand pumping and testing wells on the Colorado River Indian Irrigation Project, 5 to 8 miles south of Parker, Ariz. Federal Project No. 263; Invitation No. 0255. Bid security 5% must accompany bid. Bids will be taken upon the following items.

(1) per ft. for sinking the first 100 ft. of test wells, 6-in. dia., contractor to supply all material, equipment and labor;
(2) per ft., for sinking test wells as described in item 1 to depths exceeding 100 ft. but not greater than 350 ft.;
(3) per ft., for constructig the first 100 ft of 3 to 5 wells, 20-in. dia.;
(4) per ft., for constructing wells as described in item 3 to depths exceeding 100 ft. but not greater than 300 ft.;
(5) per ft., for constructing first 100 ft. of 1 to 4 wells, 20-in. dia., with gravel packing or envelope at least 5-in. thick around casing;
(6) per ft., for constructing gravel packed wells as described in item 5 for all depths exceeding 100 ft. but not greater than 300 ft.;
(7) per well for testing each well;
(8) per hour for work of driller and helpers and use of well rig, etc., for extra work;

Alternate for 24-inch Wells

(9) per ft., first 100 ft. 3 to 5 wells. 24-in. dia.;
(10) per ft., constructing wells as above for all depths in excess of 100 ft. but not exceeding 300 ft.;
(11) per ft., constructing first 100 ft. of 1 to 4 24-in. wells with gravel packing or envelope of at least 5-in. around casing;
(12) per ft., constructing gravel packed well as above in excess of 100 ft. but not exceeding 300 ft.

PREPARING PLANS

SAN FRANCISCO. — San Francisco Bay Exposition, Inc., W. P. Day, Director of Works, Kohl Bldg., completing plans for structure to connect access drive to Exposition site on Yerba Buena Shoals with San Francisco-Oakland Bay Bridge. Connection with the bridge will be near westerly portal of the Yerba Buena Tunnel and will be made with both decks. The roadway will be 64 feet wide, permitting six lanes of traffic. For 100 ft. adjoining bridge the structure will be of concrete and steel construction. Temporary construction will be used for a portion of the structure to be removed after the Exposition, balance remaining as a permanent roadway to the Shoals Airport.

Plans will be completed in 2 weeks. Work is financed with WPA funds, but may be contracted. Estimated cost $345,000.

BIDS WANTED

SANTA CRUZ COUNTY, Cal.—Untin June 8, 2:30 P. M., bids will be received by the Santa Cruz County Board of Supervisors, H. E. Miller, County Clerk, Court House, Santa Cruz, for relocating about 3000 ft. of roadway, including grading to 30 ft. width with 24 ft. pavement, and construction of a 72 ft. culvert and fill across Thompson Gulch, between Live Oak and Capitola.

The work involves:

(1) 13,400 cu. yds. roadway excav.;
(2) 72 cu. yds. structure excavation;
(3) 42 cu. yds. Class A concrete;
(4) 1850 lbs. reinforcing steel;
(5) Two corrugated metal pipe spillway assemblies, 8-in.;
(6) 66 lin. ft. corrugated metal culvert, 8-in.;
(7) 144 lin. ft. corrugated metal culvert, 72-in., 10 gauge;
(8) 150 lin. ft. corrugated metal culvert, 12-in.;
(9) 1400 cu. yds. crusher run base (rock furnished free at County quarry);
(10) 4935 gals. 50-60 road oil.

Plans and specifications obtainable at the office of County Surveyor Lloyd Bowman upon deposit of $2.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

SEATTLE, Wash. — Until June 11, 2:30 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. H. J. Wild, district engineer, 412 Federal Office Bldg., Seattle, for dredging a channel 100 ft. wide and 12-ft. deep in Skinomish Slough. Estimated cost, $250,000.

The channel will be through LaConner from Skagit Bay to Padilla Bay, ending about three miles east of Anacortes, and will involve the dredging of about 2,235,000 c.y. of material.

CONTRACT AWARDED

CORONADO, San Diego Co., Cal.—San Francisco Bridge Co., 503 Market St., San Francisco, at $9,744 awarded contract by the Coronado city council for dredging in Glorietta Bay, involving the removal of 70,000 c.y. of material, increasing the turning basin from 750 to 1000 ft., the width to remain as at present, viz. 600 ft. The depth is 11 ft.

FUNDS APPROPRIATED

LOS ANGELES, Cal.—The War Department at Washington has an-

nounced an appropriation of $1,300,000 for the extension of the Los Angeles-Long Beach Harbor breakwater. The amount is part of the $137,000,000 allotment made for rivers and harbors in all sections of the United States.

BIDS WANTED

OAKLAND HARBOR, Calif.—Until June 22, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, Lieut. Col. J. A. Dorst, District Engineer, under Bid No. 868-36-31, for dredging about 416,500 c.y. of material in Brooklyn Basin and the Tidal Canal, Oakland Harbor.

The contract provides for dredging an area with a maximum length of about 1,930 ft. and a maximum width of about 1,020 ft. on the bottom, located in the eastern end of Brooklyn Basin and the western end of the Tidal Canal, Oakland Harbor, to a depth of 30 ft. at mean lower low water.

Bids will be taken on two schedules as follows: Schedule (A) for 416,500 c.y. of dredging as described above; and Schedule (B) for the above work if awarded together with dredging under Bid No. ER-868-36-20, opening on the same date.

Specifications obtainable from above office. *

BIDS WANTED

SAN PEDRO, Cal.—Until June 16, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway San Diego, under Spec. No. 8246, for replacement of landing float at the Athletic Field Landing Pier, San Pedro.

The work consists of the furnishing, delivery and connecting of a new timber float to the existing mooring at the Athletic Field Landing Pier, the removal and disposal of the existing float; and the making of minor repairs to moorings and repairs at the connection of the present brow to the pier. The timber float will be approximately 13 feet 6 inches wide and 56 feet long.

Plans and specifications obtainable from the above office upon deposit of $10.00.

BIDS WANTED

GOVERNMENT ISLAND, Oakland. —Until June 22, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, Lieut. Col. J. A. Dorst, District Engineer, under Bid No. ER-868-36-20, for dredging about 549,350 c.y. of material at and in front of Government Island, Oakland Harbor.

The contract provides for dredging an area about 2,470 ft. long and of a maximum width of about 440 ft. on the bottom, situated on the southern part of Government Island, Oakland Harbor, abutting on and south of the Governmen Reservation on the island, and in the adjacent channel, to a depth of 25 ft. a mean lower low water, except that a berm within said area, about 2,100 ft. long and 25 ft. wide along the face of the quay wall and the extension thereof on the reservation shall be dredged only 20 ft. deep at mean lower low water.

Bids will be taken on two schedules as follows: Schedule (A) for 549,350 c.y. of dredging as described above; and Schedule (B) for the above work if awarded together with the dredging under Bid No. ER-868-36-31, opening on the same date.

Specifications obtainable from above office. *

BIDS WANTED

SAN DIEGO, Calif.—Until June 9, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway San Diego, under Spec. No. 8203, for replacement of dolphins at the Naval Operating Base (Destroyer Base) San Diego.

The work consists in general of (a) the removal of 32 existing timber 12-pile mooring dolphins, the removal of 16 existing timber 16-pile mooring dolphins and the removal of two existing timber 20-pile fender dolphins in connection with the mooring of the USS Rigel; (b) the furnishing of materials for and the installation of 11 new 12-pile mooring dolphins and of nine new 16-pile dolphins; and (c) the furnishing of materials for and the installation of two new 20-pile fender dolphins, for mooring the USS Riegel and (d) the making of minor repairs to the two existing timber anchorage platforms used in connection with the two 20-pile dolphins.

Plans and specifications obtainable from the above office upon deposit of $10.00. 2

BIDS WANTED

DUNSMUIR, Siskiyou Co., Cal.—Until June 1, 10 A. M., (to be opened at 8:30 P. M.) bids will be received by the Board of Trustees of Dunsmuir Joint Union High School District, Ferdinand Brown, Clerk, for moving of approximately 2500 cu. yds. of dirt, for a distance of 100 to 225 yards.

Specifications obtainable from the above office

23—IRRIGATION PROJ.

CONTRACT AWARDED

FRENCHTOWN PROJECT, Montana—Ralph Davis, Connor, Montana, at $47,312.15 awarded contract by the Bureau of Reclamation, Missoula, Montana, J. W. Taylor, Resident Engineer, under Spec. No. 679, for construction of structures and canal lining for Main Canal and earthwork and structures for laterals and the O'Keefe wasteway, Frenchtown Project, near Missoula.

BIDS OPENED

OWYHEE PROJECT, Oregon-Idaho —Morrison-Knudsen Co., Inc., P. O. Box 1518, 318 Broadway, Boise, Idaho, at $16,421 submitted low bid to the Bureau of Reclamation, Ontario, Ore., R. J Newell, Constr. Engr., under Spec. No. 790-D, for construction of structures, North Canal laterals, N. C. 43.2 system, Dead Ox Flat division, Owyhee project, Oregon-Idaho.

The work is located near Ontario, and the principal items of work involved are:

(1) 2,250 c.y. of all classes of excavation for structures;
(2) 1,000 c.y. backfill;
(3) 820 c.y. concrete in structures;
(4) 1,000 sq. yds. dry-rock paving;
(5) Placing 62,000 lbs. of reinf. bars;
(6) Laying 420 l.f. 15- and 18-in. dia. concrete pipe;
(7) Installing 3,000 lbs. of gates and gate hoists.

Work shall be commenced within 30 calendar days and completed within 150 calendar days from date of receipt of notice to proceed.

Complete total bids follow:

Morrison-Knudsen Co., Inc., Boise, $16,421.
Otis Williams & Company, Vale, $16,-695.
H. J. Adler Co., Nyssa, $18,025.
Bids held under advisement.

BIDS OPENED

OWYHEE PROJECT, Oregon-Idaho —Otis Williams & Co., Vale, Oregon, at $13,551 submitted low bid to the Bureau of Reclamation, Ontario, R. H. Newell, Constr. Engr., under Spec. No. 791-D, for construction of structures, North Canal laterals, 45.4 to 49.4-0.4, Dead Ox Flat division, Owyhee Project, Oregon-Idaho

The work is located near Ontario, and the principal items of work involved are:

(1) 1,850 c.y. of all classes of excavation for structures;
(2) 2,100 c.y. backfill;
(3) 540 c.y. concrete in structures;
(4) 1,500 sq. yds. dry-rock paving;
(5) Placing 28,500 lbs. of reinforcement bars;
(6) Laying 1,760 l.f. 15- to 36-in. dia. concrete pipe;
(7) Installing 8,500 lbs. of gates and gate hoists;
(8) Erecting 2.0 MFBM of timber in structures.

Work shall be commenced within 30 calendar days and completed within 150 calendar days from date of receipt of notice to proceed.

Total bids follow:

Otis Williams & Co., Vale.....$13,551
Henry L. Horn, Nyssa..... 14,535
Morrison - Knudsen Co., Inc., Boise 14,725

BIDS WANTED

ALL - AMERICAN CANAL. — Until June 22, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, R. B. Williams, Construction Engineer, under Spec. No. 686, for construction of earthwork All-American Canal, Section 3325 to Station 3538 plus 50 and construction of a detour at the turnout for the Central Main Canal, All-American Canal System, Boulder Canyon Project.

The work is located from two to five miles east of Calexico, and involves approximately 748,000 c.y. of excavation for canal.

Work shall be commenced with 30 calendar days and completed within 600 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the office of the Bureau of Reclamation at Yuma, Denver, or Washington, D. C., without charge to prospective bidders; to others, $0.75 per copy, not returnable.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

GOVERNMENT ISLAND, Cal. — Hercules Equipment & Rubber Co., 550 Third St., San Francisco, at $80 each submitted low bid to H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, under Bid No. 3527, for furnishing 33 water pumps, 1½-in. positive displacement type.

Simonds Machinery Co., San Francisco, at $126 each submitted the only other bid. *

BIDS OPENED

ALCATRAZ ISLAND, Cal. — Platt Iron Works, Rialto Bldg., at $944 submitted low bid to the Bureau of Prisons, J. A. Johnston, Warden, Alcatraz Penitentiary, under Bid No. 667, for furnishing one 10-in.x6-in.x10 in. boiler feed pump of the horizontal, outside end packed plunger, pot valve type, bronze fitted throughout.

Complete bids follow:

Platt Iron Works.....$ 944.00
Warren Steam Pump Co..... 1038.50
Simonds Machinery Co..... 1260.00
Worthington Co. 1613.64
Bids held under advisement. *

26—— RAILROADS

CONTRACT AWARDED

SAN FRANCISCO.—Columbia Steel Co., Russ Bldg., at $26,581.29 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1522 for furnishing track materials for the Municipal Railway.

29—STREETS AND HIGHWAYS

BIDS OPENED

KERN COUNTY, Cal.—A. S. Vinnel Co., 969 Amalia Ave., Los Angeles, at $18,211.85 submitted low bid to the State Highway Commission, Sacramento, for about 9.1 miles surfacing with road - mix surfacing and seal coat in Kern County, between three miles and 12 miles north of Mojave.

The work involves:

(1) 3,200 c.y. mineral aggregate;
(2) 5.2 miles preparing, mixing, and shaping roadbed;
(3) 242 tons liquid asphalt, SC-3 (road mix surfacing);
(4) 35 tons liquid asph. SC-1A (prime coat);
(5) 88 tons liquid asphalt MC-4 (seal coat);
(6) 801 tons screenings (seal coat).

Total bids follow:

(A) A. S. Vinnell Co., Los Angeles, $18,211.85.
(B) M.J.B. Const. Co., Stockton, $26.-363.50.

Unit bids follow:

	(A)	(B)
(1)	$ 2.50	$ 4.25
(2)	360.00	700.00
(3)	13.00	13.00
(4)	10.00	15.00
(5)	20.00	21.00
(6)	3.85	4.50

BIDS OPENED

YOLO AND COLUSA COS., Calif.—Hanrahan Co., Hobart Building, San Francisco, at $129,708.50 submitted the low bid to the State Highway Commission, Sacramento, for about 10.3 miles grading and surfacing with plant-mixed surfacing (medium curing type) in Yolo and Colusa Counties, between Dunnigan and Arbuckle.

The work involves:

(1) 1,600 M. gallons water;
(2) 23,000 c.y. rdwy. excav., unclass.
(3) 2,600 c.y. structure excavation;
(4) 430 c.y. ditch and channel excavation;
(5) 33,400 c.y. imported borrow;
(6) 242,500 sta. yds. overhaul;
(7) 900 c.y. existing concrete pavement removed and disposed of;
(8) 255 c.y. existing concrete structures and building foundations removed and disposed of;
(9) 536 stations finishing roadway;
(10) 13,400 c.y. pit run gravel base;
(11) 62 tons liquid asph., SC-2 (prime coat);
(12) 22,400 tons mineral agg. (plant-mixed surfacing);
(13) 1,120 tons liquid asphalt, MC-5 or MC-extra heavy (do);
(14) 840 tons stone screenings (seal coat);
(15) 92 tons liquid asphalt. MC-3 (seal coat);
(16) 89,000 s.y. emulsified asphaltic paint binder;
(17) 825 c.y. Class A Portland cement concrete (structures);
(18) 86,000 lbs. bar reinf. steel;
(19) 6,200 lbs. structural steel;
(20) 28 l.f. 8-in. corrugated metal pipe
(21) 568 l.f. 12-in. do:
(22) 388 l.f. 18-in. do:
(23) 172 l.f. 24-in. do;
(24) 46 l.f. 30-in. do;
(25) 50 l.f. existing pipe culverts removed, cleaned and relaid;
(26)350 l.f. existing pipe culverts removed cleaned and salvaged;
(27) 27 each, moving and resetting headwalls;
(28) 2 each, spillway assemblies;
(29) 2 each, 18-in. automatic drainage gates;
(30)3 each, cast steel frames and covers for drop inlets;
(31) 160 l.f. laminated guard railing;
(32) 1,060 l.f. existing guard railing removed and salvaged;
(33) 53 each, culvert markers;
(34) 15 each, guide posts;
(35) 1.6 miles property fences moved and reset;
(36) 3 each, drive gates;
(37) 234 l.f. timber railing;
(38) 39 each, monuments, complete in place.

Total bids follow:

(A) Hanrahan Co., San Francisco, $129,708.50.
(B) A. Teichert & Son, Inc., Sacramento, $144,035.60.
(C) Union Paving Co., San Francisco $144,360.00.
(D) Hemstreet and Bell, Marysville, $159,921.85.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.20	$ 1.75	$ 1.50	$ 1.50
(2)	.35	.30	.35	.40
(3)	100	1.00	1.00	.95
(4)	.70	1.00	.50	1.00
(5)	.45	.50	.50	.70
(6)	.003	.005	.01	.01
(7)	1.50	1.50	2.00	2.00
(8)	4.50	4.50	4.00	5.75
(9)	6.00	6.00	8.00	5.00
(10)	.60	.90	.65	1.00
(11)	17.00	20.00	15.00	20.00
(12)	1.32	1.86	1.90	1.85
(13)	20.00	17.50	20.00	20.00
(14)	3.00	3.25	2.50	3.00
(15)	23.00	25.00	20.00	22.00
(16)	.02	.02	.02	.02
(17)	23.00	21.00	18.00	24.00
(18)	.05	.045	.05	.05
(19)	.06	.08	.07	.08
(20)	1.10	1.00	1.25	1.25
(21)	1.20	1.30	1.50	1.25
(22)	1.65	1.90	2.00	1.70
(23)	2.50	3.00	3.00	2.50
(24)	3.20	4.00	4.00	3.20
(25)	.70	1.00	1.00	.60
(26)	.50	.75	.50	.50
(27)	10.00	15.00	10.00	10.00
(28)	15.00	15.00	20.00	15.00
(29)	22.00	25.00	30.00	27.50
(30)	40.00	40.00	50.00	45.00
(31)	1.00	1.25	1.50	1.10
(32)	.40	.15	.30	.20
(33)	2.00	2.50	3.00	2.30
(34)	1.70	2.50	3.00	2.30
(35)	270.00	300.00	350.00	375.00
(36)	23.00	25.00	20.00	25.00
(37)	1.30	1.25	1.50	1.20
(38)	3.00	3.00	3.00	3.00

BIDS OPENED

FRESNO COUNTY, Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at $229,510.55 submitted low bid to the State Highway Commission, Sacramento, for about 4.5 miles grading and paving with Portland cement concrete and asphalt concrete in Fresno County, between Belmont Circle and Biola Junction.

The work involves:

(1) Clearing and grubbing right of way;
(2) 6,100 M. gallons water;
(3) 4,925 c.y. removing exist. concrete;
(4) 48,000 c.y. rdwy. excav., unclass.
(5) 425 c.y. structure excavation;
(6) 50 c.y. ditch excavation;
(7) 22,000 c.y. imported borrow, Location "A";
(8) 22,500 c.y. do, Location "B";
(9) 240,000 sta. yds. overhaul;
(10) 78,000 sq. yds. preparing subgrade
(11) 135 tons coarse rock (subgrade);
(12) 236 stations finishing roadway;
(13) 7,400 tons of mineral aggregate (road-mix surfacing);
(14) 675 tons liquid asphalt, SC-2 (do)
(15) 40 tons liquid asph., SC-2 (prime coat and penetration oil treatment);
(16) 45,500 s.y. preparing, mixing and shaping shoulders;
(17) 35 tons liquid asphalt, SC-4 (retempering);
(18) 31,500 sq. yds. remixing road-mix surfacing;
(19) 6,000 tons asphalt concrete (base and leveling course);
(20) 3,160 tons asphalt concrete (type "A" surface course);
(21) 10,325 c.y. Class "A" Portland cement concrete (pavement);
(22) 21,000 each, pavement dowels;
(23)15 each, temporary pave. crossing devices, Type "B-10";
(24) 47,500 lbs. bar reinforcing steel;
(25) 22 c.y. Class "A" Portland cement concrete (struc.);
(26) 5 each, cast steel frames and grates for drop inlets;
(27) 189 l.f. 12-in. standard reinforced concrete pipe;
(28) 278 l.f. 24-in. standard reinforced concrete pipe;
(29) 20 l.f. 12-in. corru. metal pipe;
(30) 80 l.f. 12-in. perforated metal pipe
(31) 75 c.y. drainage sumps;
(32) 100 l.f. removing and salvaging pipe culverts;
(33) 68 l.f. 26x6½-in. part circle corrugated metal culvert (8 ga.);
(34) 3 each, culvert markers;
(35) 4.0 miles moving and resetting property fences;
(36) 13 each, monuments, move and reset;
(37) 25 each, monuments, complete, in place.

Total bids follow:

(A) Hanrahan Co., San Francisco, $229,510.55.
(B) Wood & Bevanda, Stockton, $233.-419.30.
(C) Union Paving Co., San Francisco, $235,897.50.
(D) Griffith Co., Los Angeles, $242,-824.25.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$360.00	$1250.00	$1500.00	$2000.00
(2)	1.00	1.00	.60	1.00
(3)	1.50	1.55	2.00	1.25
(4)	.31	.23	.30	.30
(5)	1.00	1.00	1.50	1.00
(6)	1.00	1.00	1.50	1.00
(7)	.48	.40	.50	.45
(8)	.50	.40	.55	.70
(9)	.005	.006	.01	.003
(10)	.07	.10	.10	.10
(11)	3.50	2.25	3.00	2.50
(12)	8.00	6.25	10.00	4.00
(13)	2.40	2.20	2.20	2.30
(14)	13.00	11.25	10.00	12.00
(15)	13.00	12.50	15.00	12.00
(16)	.06	.07	.07	.06
(17)	17.50	16.25	15.00	16.00
(18)	.07	.06	.07	.05
(19)	3.50	4.54	3.50	4.00
(20)	3.80	4.66	3.70	4.10
(21)	9.00	8.90	9.30	9.48
(22)	.17	.22	.20	.20
(23)	36.00	125.00	25.00	35.00
(24)	.07	.078	.05	.065
(25)	25.00	25.00	25.00	25.00
(26)	40.00	43.75	50.00	85.00
(27)	1.00	1.25	2.00	2.00
(28)	2.50	2.50	3.00	4.00
(29)	1.20	1.50	1.80	1.20
(30)	1.30	1.65	2.00	1.50
(31)	5.00	5.00	6.00	25.00
(32)	.50	1.25	.60	.60
(33)	2.10	3.15	3.00	2.00
(34)	2.00	2.50	3.00	3.00
(35)	270.00	325.00	300.00	250.00
(36)	1.25	3.75	1.50	2.00
(37)	8.00	3.75	3.00	3.00

BIDS WANTED

RIVERSIDE COUNTY, Calif.—Until June 9, 2 P. M., bids will be received by the Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for about 16.5 miles surfacing with pit run gravel surfacing in Riverside County between Palo Verde and Route 64, near Blythe.

The work requires 8,500 c.y. pit run gravel surfacing in place.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

SIERRA and Nevada Counties, Cal. —J. R. Reeves, R. D. No. 3, Box 100, Sacramento, at $95,265.10 awarded the contract by Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for approximately 4.267 mi. grading on Section B of Route 27, the Sierraville - Hobart National Forest Highway, Tahoe National Forest, Sierra and Nevada Counties.

COMPLETE BID LISTING

MONTEREY COUNTY, Cal.—Granite Const. Co., Ltd., Bin No. 9, Watsonville, at $3,829.60, as previously reported, submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for applying seal coat to existing roadbed on about five miles in Monterey County, between San Lucas and King City.

The work involves:

(1) 60 tons liquid asphalt, ROMC-4, in place;
(2) 730 tons screenings in place.

Complete bids follow:

Granite Const. Co., Ltd., Watsonville: (1) $21; (2) $3.52; total, $3,829.60.

L. A. Brisco, Arroyo Grande: (1) $18.58; (2) $3.85; total, $3,925.30.

A. S. Vinnell Co., Los Angeles: (1) $27; (2) $4.10; total, $4,613.

BIDS WANTED

SAN FRANCISCO—Until June 10, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,927 for construction of sidewalks on Lincoln Way and other locations. Work involves construction of approximately 6000 sq ft. of one-course concrete sidewalk. Estimated cost $1200.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon $10 cash deposit.

LOW BIDDER

SAN LUIS OBISPO COUNTY, Cal.—L. A. Brisco, Arroyo Grande, at $10,277.50 submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for applying seal coat and road-mix surface treatment on about 16 miles in San Luis Obispo County, between Nipomo and Arroyo Grande, between Santa Maria and Pismo, and between Edna and San Luis Obispo.

Complete bids will be published shortly.

BIDS OPENED

PLUMAS COUNTY, Calif.—C. F. Fredericksen & Sons, Lower Lake, at $8,788.92 submitted low bid to Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for applying bituminous treatment (light surface application) on 6.285 miles of Sections A and B of Route 20, the Almanor National Forest Highway, Plumas National Forest, Plumas Co.

The work involves:

(1) 159 tons liquid asphaltic road material, Type MC-1;
(2) 84 tons liquid asphaltic road material, Type MC-2 or MC-3;
(3) 660 c.y. disintegrated granite screenings;
(4) Extra work, maintenance of traffic under one way control.

Total bids follow:

(A) C. F. Fredericksen & Sons, Low-Lake, $8,788.92.
(B) Pacific Truck Service Co., Inc., San Jose, $9,369.96.
(C) Engineer's estimate, $7,281.00

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 26.20	$ 23.72	$ 25.00
(2)	24.68	22.22	24.00
(3)	3.75	5.20	1.50
(4)	300.00	300.00	300.00

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until June 8, 10 A. M., bids will be received by the Santa Clara County Board of Superevisors, Frank W. Hogan, County Clerk, Court House, San Jose, for the improvement of Fillmore, Judah, Market, Second and Basset Streets, in the town of Agnew.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1 per set.

VALLEJO—GRADING AND PAVING—CITY

VALLEJO, Solano Co., Cal.—A. G. Raisch, 1 DeHaro St., San Francisco, at $123,096.27 (Schedule "A", asphaltic concrete paving) submitted low bid and awarded contract by the Vallejo City Council for the improvement of various city streets, including grading and paving portions of Georgia, Napa, El Dorado, York, Sonoma, Marin, Florida and Tennessee Streets.

Bids were taken as follows:

SCHEDULE "A"

(1) 18,839 c.y. grading;
(2) 9,914 tons 3-in. crusher run base;
(3) 634 c.y. of Portland cement concrete gutter;
(4) 174 c.y. of Portland cement concrete alley crossing wings;
(5) 95 c.y. combined Portland cem. concrete curb and gutter;
(6) 2,590 l.f. curb armor;
(7) 78,917 s.f. 3-inch asphaltic concrete pavement base;
(8) 447,586 s.f. 4-inch do;
(9) 517,138 s.f. 2-in. asph. concrete pavement top, Type B;
(10) 9,365 s.f. 2-in. do, Type C;
(11) 1 only catchbasin, Type A;
(12) 2 each, catchbasins, Type B;
(13) 25 c.y. structure excavation;
(14) 72 l.f. catchbasin drains, 15-inch vitrified clay pipe.

SCHEDULE "B"
(Alternate to Schedule "A")

(1) 18,839 c.y. grading;
(2) 9,914 tons 3-in. crusher run base;
(3) 634 c.y. of Portland cement concrete gutter;
(4) 174 c.y. of Portland cement concrete alley crossing wings;
(5) 95 c.y. combined Portland cem. concrete curb and gutter;
(6) 2,590 l.f. curb armor;
(7) 78,917 s.f. 5-in. Portland cement concrete pavement base;
(8) 447,586 s.f. 6-in. do;
(9) 1 only catchbasin, Type A;
(10) 2 each, catchbasins, Type B;
(11) 25 c.y. structure excavation;
(12) 72 l.f. catchbasin drains, 15-inch

Total bids follow:

SCHEDULE "A"

(A) A. G. Raisch, San Francisco $123-096.27.
(B) Hanrahan - Wilcox Corp., S. F., $127,743.15.
(C) Union Paving Co., San Francisco, $129,830.25.
(D) Independent Const. Co., Oakland, $132,415.29.
(E) Pacific States Const. Co., S. F., $133,085.80.
(F) Southern California Roads Co., Los Angeles, $138,773.16.
(G) A. Teichert & Son, Inc., Sacramento, $147,344.81.
(H) Heafey-Moore Co., Oakland, $148-146.42.
(I) Chas. L. Harney, San Francisco, $157,374.92.

SCHEDULE "B"

(J) A. Teichert & Son, Inc., Sacramento, $156,411.18.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)..	$0.50	$ 0.85	$ 0.50	$ 0.75	$ 0.45	$ 1.00	$ 0.60	$ 1.04	$ 1.70	$0.60
(2)..	1.85	1.90	2.15	1.95	2.40	2.12	2.50	2.15	2.30	2.50
(3)..	10.60	12.00	12.00	11.00	14.00	14.00	14.00	15.50	15.00	14.00
(4)..	11.00	11.00	12.00	12.00	12.00	13.00	13.00	13.00	13.00	13.00
(5)..	12.00	14.00	13.00	13.00	16.00	15.00	16.00	15.50	20.00	16.00
(6)..	.16	.22	.20	.25	.30	.20	.30	.30	.20	.30
(7)..	.06	.06	.08	.085	.08	.09	.091	.087	.084	.18
(8)..	.075	.10	.07	.11	.11	.11	.115	.12	.11	.20
(9)..	.06	.06	.06	.06	.06	.055	.073	.06	.06	100.00
(10)..	.06	.06	.07	.11	.07	.06	.10	.075	.069	75.00
(11)..	50.00	100.00	75.00	125.00	165.00	100.00	100.00	100.00	200.00	2.00
(12)..	50.00	90.00	100.00	50.00	120.00	100.00	75.00	120.00	100.00	2.50
(13)..	1.00	1.00	2.00	2.00	2.00	2.00	2.00	1.50	2.15	.....
(14).	1.00	1.15	1.25	1.50	1.75	2.00	2.50	3.00	2.25	.....

MENDOCINO COUNTY—0.8 Mi. Grading & Bridge Removal

MENDOCINO COUNTY, Cal.—Guerin Bros., 2145 20th Ave., San Francisco, at $12,999.60 submitted low bid to the State Highway Commission, Sacamento, for about 0.8 mil. grading and removing timber bridges in Mendocino County between Navarro River and Williams Creek.

The work involves:

(1) 7 each timber bridges to be removed and disposed of;
(2) 25,200 c.y. rdwy. excav., unclass.
(3) 2,800 sta. yds. overhaul;
(4) 415 c.y. struc. excav.;
(5) 43 stations finishing roadway;
(6) 220 l.f. 18-in. corru. metal pipe;
(7) 136 l.f. 24-in. corru. metal pipe;
(8) 182 l.f. 36-in. corru. metal pipe;
(9) 126 l.f. 60-in. corru. metal pipe;
(10) 2.5 thousand feet board measure timber cribbing;
(11) Clearing and grubbing right of way.

NOTE: The State will furnish corrugated metal pipe for use on this project as more explicitly set forth in the special provisions.

Total bids follow:

(A) Guerin Bros., San Francisco, $12-999.60.
(B) J. B. Galbraith and D. A. Canaveri, Santa Rosa, $18,301.60.
(C) Helwig Const. Co., Sebastopol, $19,737.75.
(D) M.J.B. Const. Co., Stockton, $20,-214.20.
(E) N. M. Ball Sons Co., Berkeley, $24,099.75.
(F) A. T. Howe, Santa Rosa, $25,-116.20.
(G) Leo F. Piazza, San Jose, $31,-741.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	$183.00	$266.00	$125.00	$750.00	$150.00	$150.00	$165.00
(2).....	.395	.54	.64	.45	.75	.83	1.00
(3).....	.03	.03	.03	.02	.01	.01	.015
(4).....	1.00	1.00	1.75	1.20	1.25	1.50	1.50
(5).....	5.00	10.00	14.00	10.00	5.00	10.00	10.00
(6).....	.50	.50	.75	.80	1.00	.50	.50
(7).....	.60	.75	1.00	1.00	1.10	.60	.50
(8).....	1.00	.90	1.75	1.60	2.00	.80	.60
(9).....	2.00	1.80	3.00	3.00	4.40	1.25	1.50
(10).....	30.00	40.00	40.00	60.00	40.00	30.00	50.00
(11).....	350.00	1200.00	225.00	1500.00	2000.00	1500.00	1625.00

BIDS WANTED

SAN BERNARDINO CO., Cal.—Until June 18, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 0.6 mile grading and treating with liquid asphalt in San Bernardino County between a point near Third St. in Barstow and 0.6 miles easterly.

The work involves:
(1) 100 M. gals. water;
(2) 3,400 c.y. rdwy. excav., unclass.,
(3) 960 c.y. struc. excav.;
(4) 2,200 c.y. imported selected material;
(5) 500 sta yds. overhaul;
(6) 33 sta. finishing rdwy.;
(7) 179 tons liquid asphalt SC-2 (road mix surf. treatment);
(8) 21,700 s.y. preparing, mixing and shaping roadbed;
(9) 23 tons liquid asphalt 90-95 (seal coat);
(10) 270 tons screenings (seal coat);
(11) 16,400 lbs. bar reinf. steel;
(12) 108 c.y. Class A Portland cement concrete (struc.);
(13) 2 cast steel frames and covers for drop inlets;
(14) 4 cast steel frames and grates for catchbasins;
(15) 64 l.f. 18-in. CMP;
(16) 258 l.f. 24-in. CMP;
(18) 68 l.f. 30-in. CMP;
(18) 100 l.f. 36-in. CMP;
(19) 74 l.f. remove and relay pipe culverts;
(20) 665 c.y. Class A Portland cement concrete (curbs);
(21) 461 l.f. laminated guard railing;
(22) 5 each culvert markers.

NOTE: The State will furnish CMP as more explicitly set forth in the Special Provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

MARIN COUNTY, Cal.—Until June 8, 11 A. M., bids will be received by the Marin County Board of Supervisors, Court House, San Rafael, for the improvement of county highways in Road Districts Nos. 4 and 5, as follows:

(A) Chileno Valley Road from the Tomales-Petaluma Road southerly for a distance of 7.1 miles.

(B) Marshall-Petaluma Road from Chileno Valley Road to the Wilson Hill-Hicks Valley Road, a distance of approximately 2.6 miles, to be treated with SC-2 liquid asphalt.

The work involves approximately 225 tons of liquid asphalt, Type SC-2.

Plans and specifications obtainable from the office of County Surveyor Rodney Messner, Court House, San Rafael.

CONTRACT AWARDED

PLUMAS COUNTY, Cal.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $29,750.50 awarded contract by the State Highway Commission, Sacramento, for about 5.6 miles grading and applying penetration oil treatment in Plumas County, between 4 miles east of Beckwourth and Ede's Ranch.

CONTRACT AWARDED

MONO COUNTY, Cal. — Basich Bros., 20550 Normandie Ave., Torrance, at $119,350.50 awarded contract by the State Highway Commission, Sacramento, for grading and surfacing with bituminous treated selected material in Mono County, between two miles south of Rush Creek and two miles north of Leevining.

ELKO COUNTY, NEV.—8.16 MI. HIGHWAY—(STATE)

ELKO COUNTY, Nev.—Geo. French Jr., P. O. Box 107, Stockton, Calif., at $68,941.40, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of State Highway system in Elko County between 15 miles north of Elko and Dinner Station, a length of approximately 8.16 miles

The work involves:
(1) 63 acres clearing and grubbing;
(2) 4,460 l.f. remove fence;
(3) 70,100 c.y. roadway excavation;
(4) 115,060 sta. yds. overhaul;
(5) 26,935 c.y. select borrow;
(6) 380 c.y. structure excavation;
(7) 8.16 miles subgrade;
(8) 8.16 miles finishing roadway;
(9) 31,400 tons crush. gravel or stone surfacing;
(10) 248 c.y. Class A concrete;
(11) 47 c.y. Class B concrete;
(12) 26,270 lbs. reinforcing steel;
(13) 332 l.f. 18-in. CMP;
(14) 80 l.f. 24-in. CMP;
(15) 41 each, monuments;
(16) 2.928 l.f. construct fence;
(17) 3,925 l.f. reconstruct fence.

Total bids follow:
(A) Geo. French, Jr., Stockton, Calif., $68,941.40.
(B) U. B. Lee, San Leandro, Calif., $69,407.75.
(C) Nevada Rock & San Co., Reno, $72,149.35.
(D) Gibbons & Reed, Salt Lake City, $78,725.23.
(E) Pacific Const. Co., San Francisco $80,974.45.
(F) Isbell Const. Co., Reno, $84,218.60.
(G) Peninsula Paving Co., San Francisco, $87,178.80.
(H) Engineers' estimate, $74,759.66.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$100.00	$ 50.00	$ 40.00	$ 25.00	$ 50.00	$112.00	$ 30.00	$ 30.00
(2)	.05	.03	.05	.03	.10	.10	.05	.04
(3)	.25	.33	.31	.35	.40	.35	.43	.35
(4)	.03	.02	.03	.02	.01	.02	.02	.02
(5)	.40	.30	.40	.50	.50	.45	.48	.38
(6)	1.00	2.00	1.50	1.00	1.50	2.50	1.50	1.00
(7)	100.00	100.00	125.00	100.00	100.00	100.00	150.00	100.00
(8)	150.00	200.00	150.00	150.00	100.00	500.00	250.00	150.00
(9)	.50	.56	.70	.70	.60	.50	.69	.65
(10)	30.00	30.00	15.00	30.00	30.00	40.00	35.00	30.00
(11)	30.00	30.00	15.00	30.00	30.00	40.00	37.00	30.00
(12)	.07	.06	.06	.07	.10	.07	.06	.07
(13)	2.00	1.50	3.00	2.00	2.00	2.50	2.75	2.75
(14)	3.00	3.00	4.00	3.00	3.00	3.25	4.00	3.50
(15)	3.00	4.00	4.00	3.00	3.00	4.00	3.50	4.00
(16)	.15	.10	.20	.11	.20	.25	.20	.12
(17)	.10	.05	.15	.07	15	.15	.08	.10

ORANGE COUNTY—9.8 Mi. Pavement Widening—(State)

ORANGE CO., Calif.—Geo. R. Curtis Paving Co., 2440 E 26th St., Los Angeles, at $143,965.50, as previously reported, submitted low bid to State Highway Engineer, State Bldg., Los Angeles, for about 9.8 miles of Portland cement conc. pavement widening in Orange County between Seal Beach and Newport Beach.

The work involves:
(1) 1,150 M. gals. water;
(2) 48,000 c.y. rdwy. excav., unclass.
(3) 5,220,000 sta. yds. overhaul;
(4) 30 c.y. special excav.;
(5) 63,000 sq. yds. subgrade for pave.
(6) 518 sta. finishing rdwy. ;
(7) 2,160 tons mineral agg. (plant-mixed surf.);
(8) 115 tons liquid asphalt MC-5 or MC extra heavy (do);
(9) 1 ton liquid asphalt MC-2 (prime coat);
(10) 590 tons liquid asphalt SC - 2 (road-mix surf. treatment);
(11) 49,000 sq. yds. preparing, mixing and shaping shoulders;
(12) 12,390 c.y. Class B Portland cement concrete (pave.);
(13) 48,000 lbs. bar reinf. steel (pave.)
(14) 25,500 each pave. dowels;
(15) 350 c.y. exist. pave. to be removed and disposed of;
(16) 26,000 sq. yds. asph. paint binder;
(17) 36 l.f. laminated guard railing;
(18) 130 each guide posts;
(19) 3 each pave. crossing devices, Type C (single lane);
(20) 6 each do (double lane);
(21) 1 only existing timber bridge to be removed.

Total bids follow:
(A) George R. Curtis Paving Company, $143,965.50.
(B) Matich Bros., Elsinore, $146,326.50
(C) J. E. Haddock, Pasadena, $150,108.50.
(D) Oswald Bros., Los Angeles, $160,663.20.
(E) Griffith Co., Los Angeles, $162,440.50.
(F) C. O. Sparks and Mundo Engr. Co. Los Angeles, $176,180.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 1.00	$ 1.30	$ 1.50	$ 1.50	$ 1.00	$ 2.00
(2)	.30	.26	.29	.37	.44	.40
(3)	.001	.0016	.0025	.002	.0025	.004
(4)	1.50	3.00	3.00	2.00	2.00	1.50
(5)	.09	2.70	.10	.11	.10	.12
(6)	2.00	3.00	3.00	2.50	5.00	5.00
(7)	3.75	2.50	3.20	3.00	3.00	2.80
(8)	14.50	15.00	16.00	13.50	13.00	15.00
(9)	40.00	50.00	40.00	40.00	35.00	25.00
(10)	7.00	7.00	7.60	8.00	7.50	9.00
(11)	.045	.05	.06	.04	.045	.06
(12)	7.00	6.95	6.85	7.33	7.20	7.70
(13)	.075	.08	.07	.07	.08	.05
(14)	.11	.10	.11	.11	.12	.12
(15)	1.00	1.50	3.00	2.50	2.50	2.00
(16)	.02	.02	.02	.025	.03	.02
(17)	2.00	1.25	2.00	1.50	2.50	1.50
(18)	2.50	2.50	2.50	1.60	1.75	2.00
(19)	60.00	75.00	50.00	60.00	30.00	100.00
(20)	120.00	150.00	100.00	125.00	60.00	200.00
(21)	5000.00	6000.00	3500.00	8000.00	5000.00	1500.00

BIDS WANTED

LASSEN COUNTY, Cal.—Until June 17, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 13.3 miles grading and treating with liquid asphalt in Lassen County between Susanville and Milford and between Johnstonville and Lake Leavitt.

The work involves:
(1) 475 M. gals. water;
(2) 20,600 c.y. rdwy. excav., unclass.
(3) 12,000 sta. yds. overhaul;
(4) 855 c.y. struc. excav.;
(5) 210 c.y. ditch and channel excav.
(6) 41,350 c.y. imported borrow;
(7) 313 sta. finishing rdwy.;
(8) 155 tons liquid asphalt SC-2 (penetration oil treatment);
(9) 80 tons liquid asphalt SC-4 (do);
(10) 315 c.y. sand (do);
(11) 490 tons liquid asphalt ROMC-4 (road-mix surf. treatment);
(12) 131,050 sq. yds. preparing, mixing, and shaping roadbed;
(13) 50 tons liquid asph. SC-2 (prime coat);
(14) 14,300 lbs. bar reinf. steel;
(15) 123 c.y. Class A Portland cement concrete (struc.);
(16) 310 l.f. 12-in. CMP;
(17) 102 l.f. 15-in. CMP;
(18) 666 l.f. 18-in. CMP;
(19) 276 l.f. 24-in. CMP;
(20) 144 l.f. 30-in. CMP;
(21) 52 l.f. 36-in. CMP;
(22) 116 l.f. 48-in. CMP;
(23) 80 l.f. CMP clean and relay;
(24) 6 c.y. concrete removal;
(25) 304 l.f. guard railing;
(26) 724 l.f. guard rail removal;
(27) 64 each culvert markers;
(28) 58 each monuments.

NOTE: The State will furnish CMP as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

BUDGET ADOPTED

SAN JOSE, Santa Clara Co., Cal.—City Council has adopted a $130,575 street improvement budget prepared by City Engineer W. L. Popp. Work will be financed by the city's share of State gasoline tax funds.

Included in the budget, which must be submitted to the Division of Highways, for approval, is the improvement of Fourth St. within the city limits, estimated at $82,800; resurfacing of San Carlos St. from Market St. to the viaduct, $16,450; improvement of Park Ave. from Market St. to Delmas Ave., $10,325; improvement of Polhemus and Taylor Sts. from San Pedro to the railroad tracks, $7,900; and improvement of Julian Street from the Guadalupe river to Fourth St., $13,200.

BIDS WANTED

CONTRA COSTA CO., Calif.—Until June 17, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 5.2 miles grading and surfacing with plant-mixed surfacing on crusher run base in Contra Costa County between two miles west of Lafayette and Walnut Creek.

The work involves:
(1) 273 sta. clearing and grubbing right of way;
(2) 3,000 M. gals. water;
(3) 292,000 c.y. rdwy. excav., unclass.
(4) 3,000 c.y. ditch and channel excavation;
(5) 4,400,000 sta. yds. overhaul;
(6) 40,000 c.y. imported borrow;
(7) 4,600 c.y. struc. excav.;
(8) 1,230 c.y. existing concrete removed and disposed of;
(9) 273 sta. finishing rdwy.;
(10) 31,500 tons crusher run base;
(11) 16,700 tons mineral agg. (plant-mixed surf.);
(12) 806 tons liquid asphalt MC-5 or MC-extra heavy (do);
(13) 103 tons liquid asph. MC-2 (prime coat);
(14) 72 tons liquid asphalt MC-3 (seal coat);
(15) 930 tons screenings (seal coat & shoulders);
(16) 66 tons liquid asphalt SC-1A (shoulders);
(17) 47 tons liquid asphalt (SC-2 (do);
(18) 94,000 lbs. bar reinf. steel;
(19) 930 c.y. Class A Portland cement concrete (struc.);
(20) 1,000 c.y. light riprap;
(21) 300 l.f. 8-in. CMP;
(22) 2,620 l.f. 18-in. CMP;
(23) 420 l.f. 24-in. CMP;
(24) 186 l.f. 36-in. CMP;
(25) 274 l.f. 48-in. CMP;
(26) 5,000 l.f. 8-in. perf. metal pipe underdrains;
(27) 800 c.y. rock filling material (underdrains);
(28) 120 l.f. existing culverts cleaned and salvaged;
(29) 376 l.f. existing culverts cleaned and relaid;
(30) 10 each spillway assemblies;
(31) 2,000 l.f. laminated guard railing;
(32) 140 each guide posts;
(33) 80 each culvert markers;
(34) 10 miles new property fence;
(35) 25 each drive gates;
(36) 100 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

SAN FRANCISCO.—Until June 17, 3 P. M. bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under S. F. W. D. Spec. No. 116, for the repaving of street and/or sidewalk openings where the paving has been removed for the S. F. W. D. for the fiscal year ending June 30, 1937.

The work involves:
(1) 30,000 s.f. light traffic concrete paving base and wearing surf.;
(2) 100 s.f. heavy concrete with binder and wearing surface;
(3) 14,000 s.f. 6-in. Class E concrete pavement;
(4) 500 s.f. brick pavement on concrete base, inc. brick gutters;
(5) 100 s.f. asphaltic concrete, 3½-inch base with 1½-in. wearing surface;
(6) 400 s.f. basalt blocks on concrete base;
(7) 5,000 s.f. basalt blocks on sand;
(8) 47,000 s.f. all types sidewalk;
(9) 1,000 s.f. 2-in. sheet asph. wearing surface only;
(10) 100 s.f. 6-in. Class F concrete base only;
(11) 60,000 s.f. asphaltic concrete, 6-in. base with a 1½-in. wearing surface;
(12) 100 s.f. asphaltic concrete, 8-in. base with a 1½-in. binder course and a 1½-in. wearing surface;
(13a) 100 s.f. 4-in. base, oiled macadam;
(13b) 2,500 s.f. 8-in. base, do.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10.

BIDS WANTED

SAN FRANCISCO—Until June 10, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,948 for grading and draining of the Turk Street Slide opposite Baker Street Estimated cost $1345.

The work involves:
(1) 1000 cu. yds. slide excavation, including hauling from job;
(2) 150 cu. yds. excavation under sidewalk, including hauling from job and dry backfill;
(3) 5 cu. yds. trench excavation for drain, including earth and broken rock backfill;
(4) 50 lin. ft. 8-inch perforated corrugated metal pipe drain in place, including coupling bands and elbows;
(5) 1 cu. yd. Class B concrete outlet and concrete box in place, including reinforcing steel;
(6) 50 lin. ft. reset granite curb;
(7) 550 sq. ft. one-course concrete sidewalk;
(8) 2250 sq. ft. oiled surfacing, including trimming surface and furnishing and placing the fuel oil.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon $10 cash deposit.

COMPLETE BID LISTING

SAN LUIS OBISPO CO., Cal.—Oilfields Trucking Co., Box 751, Bakersfield, at $5,908.50, as previously reported, submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for treating shoulders with road mix surface treatment on about 7.8 miles in San Luis Obispo County, between Torro Creek and Cambria.

The work involves:
(1) 371 tons liquid asphalt, SC-2, in place (surface treatment);
(2) 36,400 s.y. prepare, mix and shape shoulders;
(3) 19 tons liquid asphalt, SC-2, in place (seal coat).

Complete bids follow:

Oilfields Trucking Co., Bakersfield: (1) $8.15; (2) $0.075; (3) $8.15; total, $5,908.50.

A. S. Vinnell Co., Los Angeles: (1) $10.80; (2) $0.06; (3) $20; total, $6,570.80.

John Fesler, Santa Maria: (1) $9.70; (2) $0.0875; (3) $11; total, $6,992.70.

L. A. Brisco, Arroyo Grande: (1) $9.85; (2) $0.10; (3) $10; total, $7,484.35.

CONTRACT AWARDED

TUOLUMNE COUNTY, Cal.—Hetch Hetchy Water Supply Division of the City and County of San Francisco, at $4,688.56 awarded contract by Public Utilities Commission, City Hall, under H.H.W.S. Contract No. 158, for grading and street work at the Moccasin South Cottage, Tuolumne Co.

CONTRACT AWARDED

SAN FRANCISCO.—A. D. Schader, 144 Spear St., at $11,297.39 awarded contract by the State Board of Harbor Commissioners, Ferry Bldg., for paving and track work at Bulkhead wharf Piers 44 and 46.

BUDGET APPROVED

STOCKTON, San Joaquin Co., Cal.—City Council has approved a budget for expenditure of the city's $36,500 share of State gas tax funds. Approximately $15,500 will be spent on new street construction, projects to be selected later and submitted to the State Division of Highways for approval.

BIDS WANTED

PALO ALTO, Santa Clara Co., Cal.—Until June 8, 4 P. M., bids will be received by the Palo Alto Board of Public Works, E. L. Beach, Clerk, for construction of concrete gutters and an asphalt concrete pavement along the shoulders of El Camino Real from Stanford Ave. to College Ave.

The work will be let as an extension to the work already under contract to A. J. Raisch, Lincoln Avenue and San Salvador, San Jose. The advertisement for bids is a necessary legal formality.

BIDS OPENED

RIVERSIDE COUNTY, Cal.—B. G. Carroll, 4396 Maryland St., San Diego, at $61,720.50 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 1.3 miles grading and paving with Portland cement concrete in Riverside County, about 2.2 miles west of Indio.

The work involves:

(1) 69 stations clearing and grubbing right of way;
(2) 1,000 M. gals. water;
(3) 840 c.y. removing existing conc.;
(4) 7,500 c.y. rdwy. excav., unclass.;
(5) 47,000 sta. yds. overhaul;
(6) 2,600 c.y. imported borrow;
(7) 13,400 c.y. imported selected material;
(8) 15,300 sq. yds. preparing subgrade
(9) 69 sta. finishing rdwy.;
(10) 30 tons liquid asphalt SC-2 (detours);
(11) 81 tons do (shoulders);
(12) 12,700 sq. yds. preparing, mixing and shaping shoulders;
(13) 17 tons liquid asphalt SC-1A (slopes);
(14) 3,110 c.y. Class A Portland cement concrete (pave.);
(15) 6,200 each pavement dowels;
(16) 11,500 lbs. bar reinf. steel (pave.)
(17) 7,600 sq. yds. salvaging & stockpiling (detours);
(18) 11 each monuments, complete, in place.

Total bids follow:

(A) B. G. Carroll, San Diego, $61,720.50.
(B) Oswald Bros., Los Angeles, $65,080.

Unit bids follow:

	(A)	(B)
(1)	$10.00	$25.00
(2)	.60	1.50
(3)	1.75	3.00
(4)	.30	.35
(5)	.008	.005
(6)	.40	.50
(7)	1.15	.88
(8)	.12	.50
(9)	10.00	5.00
(10)	20.00	14.00
(11)	10.00	12.00
(12)	.07	.055
(13)	12.00	16.00
(14)	10.55	11.65
(15)	.11	.12
(16)	.07	.08
(17)	.10	.14
(18)	3.00	3.00

TOTAL BID LISTING

VENTURA COUNTY, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $18,164, as previously reported, submitted only bid received by the State Highway Engineer, State Bldg., Los Angeles, for grading and paving with asphalt concrete and Portland cement concrete, the roads within the State Hospital grounds at Camarillo, Ventura County.

Unit bids follow:

(1) lump sum, clearing and grubbing, $200;
(2) 80 M gals. water, $1.00;
(3) 6000 cu. yds. roadway excavation without class, 60c;
(4) 30 cu. yds. structure excav., 12c;
(5) 8100 cu. yds. preparing subgrade for pavement, $2.00;
(6) finishing roadway, $200;
(7) 1110 tons asph. concrete (leveling course), $4.60;
(8) 610 tons asphaltic concrete, type B (surface course), $4.60.
(9) 100 cu. yds. Class A Portland cem. conc. (pavement), $11.60;
(10) 4 cu. yds. Class A Portland cement conc. (structures), $41;
(11) 240 cu. yds. Class A Portland cement concrete (curbs and gutters), $15;
(12) 1800 lbs. miscellaneous iron and steel, 12c.

COMPLETE BID LISTING

ESMERALDA COUNTY, Nev.—Isbell Const. Co., 1300 E Fourth St., Reno, at $54,794.14, as previously reported, submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State highway system in Esmeralda County, from Blair Junction to a point approximately 10 miles south, Route 47, Section A, a length of approximately 9.82 miles.

The Work involves:

(1) 52,180 c.y. rdwy. excav.;
(2) 40,557 sta. yds. overhaul;
(3) 6846 c.y. select borrow;
(4) 900 c.y. struc. excav.;
(5) 9.82 miles subgrade;
(6) 9.82 miles finish rdwy.;
(7) 32,200 tons crushed stone or gravel surface;
(8) 24 c.y. Class A concrete;
(9) 35 c.y. Class B concrete;
(10) 3,400 lbs. reinforcing steel;
(11) 694 l.f. 18-in. corru. metal pipe (dipped);
(12) 390 l.f. 24-in. corru. metal pipe (dipped);
(13) 220 c.y. cement rubble masonry;
(14) 22 each mounments;
(15) lump sum, railroad crossing;
(16) 4500 c.y. imported borrow.

Total bids follow:

(A) Isbell Const. Co., Reno, $54,794.14.
(B) Dodge Construction, Inc., Fallon, $61,701.28.
(C) U. B. Lee, San Leandro, $62,751.54.
(D) Pacific Constr. Co., San Francisco $68,901.17.
(E) Engineer's Estimate, $71,542.24.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	$ .30	$ .35	$ .50	$ .60	$ .47
(2)..	.02	.04	.02	.01	.02
(3)..	.50	.50	.40	.60	.50
(4)..	2.00	2.00	1.00	1.50	1.50
(5)..	100.00	100.00	100.00	100.00	125.00
(6)..	500.00	150.00	200.00	100.00	300.00
(7)..	.50	.65	.60	.60	.85
(8)..	40.00	40.00	40.00	40.00	35.00
(9)..	40.00	40.00	40.00	40.00	35.00
(10)..	.07	.10	.10	.10	.10
(11)..	2.00	3.00	2.00	2.00	2.00
(12)..	3.00	4.00	3.00	3.00	2.50
(13)..	16.00	20.00	10.00	10.00	12.00
(14)..	4.00	3.00	4.00	4.00	4.00
(15)..	100.00	150.00	150.00	200.00	150.00
(16)..	.50	.50	.50	.60	.50

BIDS OPENED

LOS ANGELES COUNTY, Cal.—George R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, at $29,887.25 as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for constructing shoulders of plant-mixed surfacing on bituminous macadam on about 6.8 miles in Los Angeles County, between Castaic School and Piru Creek.

The work involves:

(1) 4200 cu .yds. rdwy. excav.;
(2) 3800 tons broken stone;
(3) 700 tons key rock;
(4) 135 tons asphaltic cement, Grade E;
(5) 12 tons asphaltic emulsion, 90-95 (prime coat);
(6) 3200 tons plant-mixed surface.

Total bids follow:

(A) George R. Curtis Paving Co., Los Angeles, $29,887.25.
(B) Southwest Paving Co., Roscoe, $31,880.85.
(C) P. J. Akmadzich, Los Angeles, $33,390.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ .75	$ 1.41	$ 1.00
(2)	3.03	2.97	3.25
(3)	2.70	4.44	3.00
(4)	18.35	14.75	20.00
(5)	30.00	29.80	30.00
(6)	3.28	2.88	3.65

COMPLETE BID LISTING

RIVERSIDE & SAN BERNARDINO Counties, Cal.—George Herz & Co., P. O. Box 191, San Bernardino, at $63,603.20, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 19.4 miles surfacing with plant-mixed surfacing (slow curing typ) and applying seal coat thereto, in San Bernardino and Riverside Counties at various locations.

The work involves:

(1) 337,600 sq. yds. asphaltic paint binder;
(2) 16,000 tons plant-mixed surfacing
(3) 176 tons asphaltic emulsion (seal coat);
(4) 1040 cu. yds. sand (seal coat).

Total bids follow:

(A) George Herz & Co., San Bernardino, $63,603.20.
(B) A. S. Vinnell Co., Los Angeles, $67,596.

Unit bids follow:

	(A)	(B)
(1)	$ .022	$ .015
(2)	3.07	3.40
(3)	20.00	20.50
(4)	3.40	4.35

BIDS WANTED

ALAMEDA COUNTY, Cal.—Until June 4, 2 P. M., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for approximately 0.1 mile grading and surfacing with plant-mixed surfacing in the City of Oakland at the Berkeley city line.

The work involves:

(1) 8,000 c.y. rdwy. excav., unclass.;
(2) 15 c.y. structure excavation;
(3) 207,200 sta. yds. overhaul;
(4) 3,450 s.y. preparing subgrade;
(5) 2,850 s.y. finishing slopes;
(6) 1,250 tons crusher run base;
(7) 410 tons mineral aggregate in place (plant-mixed surf.);
(8) 3 tons liquid asphalt, MC-2;
(9) 21 tons liquid asphalt, MC-5, or extra heavy, in place (plant-mixed surfacing);
(10) 2 tons liquid asphalt, MC-3 in place (seal coat);
(11) 2 tons liquid asphalt, SC-1A, in place (shoulders);
(12) 1.5 tons liquid asphalt, SC-2, in place (shoulders);
(13) 25 tons screenings in place (seal coat and shoulders);
(14) 2 storm water inlets complete in place;
(15) 17 l.f. 10-in. vit. clay pipe complete in place;
(16) 200 l.f. laminated guard railing in place.

Plans and specifications obtainable from the above office.

AWARD RECOMMENDERD

PRESIDIO OF SAN FRANCISCO.—A. G. Raisch, 1 DeHaro St., at $1,597 submitted low bid and recommended for award of contract by the Constructing Quartermaster, Fort Mason, for constructing a parking area with curbs at Letterman General Hospial, Presidio of San Francisco.

Complete bids follow:

A. G. Raisch	$1,597.00
Pacific States Const. Co.	1,627.50
Charles L. Harney	1,885.00
E. J. Treacy	1,908.00
Richmond Const. Co.	1,935.00
Fay Improvement Co.	2,150.00
Mills Const. Co.	2,497.00

CONTEMPLATED

RICHMOND, Contra Costa Co., Cal.—Resurfacing of Macdonald Ave. from Twenty-third St. to San Pablo Ave. has been approved by the City Council as the next project to be constructed with the city's share of State gas tax funds. Cost is estimated at $24,700.

CONTRACT AWARDED

IMPERIAL COUNTY, Cal.—Square Oil Co., 934 Adobe St., Los Angeles, at $5795 submitted low bid to the Division of Highways, E. E. Wallace, District Engineer, San Diego, and awarded contract by the State Highway Commission, Sacramento, for furnishing and applying liquid asphalt to existing roadbed on about 32.8 miles in Imperial County, between Araz and Yuma, and between Seeley and Calexico.

The other bids were:

Baulsen & March, Los Angeles, $6,298.25.

Gilmore Oil Co., Los Angeles, $6548.35

Morgan Brothers, Huntington Park, $6679.50.

Lamb's Transfer Co. bid irregular; not declared.

BIDS WANTED

WASHOE COUNTY, Nevada—Until June 3, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for furnishing 425 tons of type SC-2 liquid asphaltic road material for use on Section B of Route 2, the Mt. Rose Natiional Forest Highway, Tahoe National Forest, Washoe County, Nevada.

Specifications obtainable from above office.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until June 9, 2 P. M., bids will be received by the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying road mix surface treatment to existing shoulders on about 12.2 miles in Monterey County between Seaside Rd. and Castroville.

Plans and specifications obtainable from the above office.

BIDS WANTED

WOODLAND, Yolo Co., Cal.—Until June 8, 5 P. M. (to be opened at 8 P. M.) bids will be received by the Woodland City Council, J. H. Laugenour, City Clerk, City Hall, for about 0.23 mile of grading and paving on Main Street, between Elm Street and Second Street.

Work will be financed by the city's share of State gasoline tax funds.

Plans and specifications obtainable from above office.

Asa G. Proctor, City Engineer.

BIDS WANTED

SACRAMENTO, Cal.—Until June 4, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, for the planing of 1,000,000 sq. ft. of bituminous concrete pavement on various major streets.

Plans and specifications obtainable from the above office.

BIDS OPENED

SNOHOMISH COUNTY, Wash.—C. V. Wilder, Blain, at $36,049 submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portlond, for 6.116 miles highway construction of the South Fork Stillaguamish Clearing and Partial Grading Project 7-D, National Forest Road Project, located within the Mt. Baker National Forest, Snohomish County, Wash.

The work involves:

(1) 55 acres clearing;
(2) 4 acres grubbing;
(3) 24,400 c.y. unclass. excav.;
(4) 210 stations preparing railroad grade;
(5) 6,000 c.y. mile overhaul;
(6) 17 MFBM untreated timber deck and bulkhead;
(7) 1,750 s.f. log crib abutment face;
(8) 822 l.f. culverts (Alt.);
(9) 900 l.f. log guard rail;
(10 1,950 l.f. remove and dispose of railroad trestle;
(11 210 l.f. CGMP dipped and paved.

Halleran Bros., 2552 N. Broadway, Seattle, at $43,976 submitted the only other bid

BIDS WANTED

SANTA CLARA COUNTY Cal.—Until June 8, 10 A. M., bids will be received by the Santa Clara Board of Supervisors, Frank Hogan, Clerk, Court House, San Jose, for the improvement of Calaveras Road, from the State highway in Milpitas to a point near Evans Road.

The work involves:

(1) 184,100 sq. ft. pavement, oil macadam;
(2) 2300 sq. ft. plant-mix surfacing;
(3) 540 sq. ft. additional plant-mix railroad crossings.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler, at a charge of $1.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A. J. Raisch, Lincoln Ave. and San Salvador St., San Jose, at $4990 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, San Jose, for the improvement of Agnew Road between Coffin Road and Lawrence Station Road, District No. 4, involving 95,000 sq. ft. of oil macadam paving.

Complete bids follow:

A. J. Raisch, San Jose	$4990
Earl W. Heple, San Jose	5625
Engineer's Estimate	5810

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A. J. Raisch, Lincoln Ave. and San Salvador St., San Jose, at $6990 submitted low bid and awarded contract by the Santa Clara Board of Supervisors for the improvement of Chynoweth Ave., between Snell Road and Monterey Road, in District No. 4, involving 119,820 sq. ft. of oil macadam pavement.

Complete bids follow:

A. J. Raisch, San Jose	$6990
Irving L. Ryder, San Jose	6995
Earl W. Heple, San Jose	7694
Engineer's Estimate	7020

CONTRACT AWARDED

TULARE COUNTY, Cal.—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at $24,401 awarded contract by the State Highway Commission, Sacramento, for applying road-mix surface treatment to shoulders on about 24.6 miles and surfacing portions of existing pavement with armor coat in Tulare County, between westerly boundary and 4 miles east, and between Yettem and Lemon Cove.

30—RESERVOIRS & DAMS

BIDS WANTED

NATIONAL CITY, San Diego Co., Cal.—Until June 10, 10 A. M., (date changed from June 1, as previously announced), bids will be received by the California Water & Telephone Co., 19 W. 9th St., National City, Calif., for the construction of the Judson reservoir dam for distribution purposes in the Sweetwater area. It will be a rolled earth fill structure, 60 ft. high and 700 ft. long, with a storage capacity of 210,000,000 gallons.

(1) 1000 cu. yds. stripping for dam foundation—wasted material;
(2) 4000 cu. yds. stripping for dam foundation—reused material;
(3) 3000 cu. yds. stripping for borrow pits;
(4) 850 cu. yds. excav. for outlet tower and pipe, overflow structure and pipe, spillway structures and pipes;
(5) 600 cu. yds. backfilling for outlet tower and pipe, overflow structure and pipe, spillway structures and pipes;
(6) 82,000 cu. yds. earth fill in embankment;
(7) 4500 cu. yds. cobble blankets on dam;
(8) 170 cu. yds. all concrete work;
(9) 250 bbls. furnishing cement;
(10) 13,000 lbs. placing reinf. steel and reinf. mesh;
(11) 270 ft. placing 25x¼-in., welded steel outlet pipe;
(12) 115 ft. placing 18-in., 10-gauge welded steel overflow pipe;
(13) 885 ft. placing 24-in., 10-gauge welded steel pipe (spillway pipes;)
(14) 2 placing 24-in. gate valves;
(15) Installing derrick complete with 1500-lb. Wright hand winch with chain and hook;
(16) 5000 lbs. placing all steel other than items 9, 10, 11, 12, 13 and 14;
(17) 1000 sq. ft. painting metal work;
(18) 4500 cu. yds. canal excavation.

Plans and specifications may be obtained from the above office upon payment of $2.00, not returnable. Certified or cashier's check for $3000 must accompany each proposal. Clayton B. Neill, division engineer, prepared the plans.

CONTRACT AWARDED

SNAKE RIVER PROJ., Idaho.—Nevada Const. Co., Nevada, Mo., at $66,890 awarded contract by the Bureau of Reclamation, Ashton, Idaho, H. A. Barker, Construction Engineer, under Spec. No. 681, for clearing the site of the Island Pk. Reservoir, Upper Snake River Project, Idaho.

31—PIPE LINES & WELLS

BIDS WANTED

RED BLUFF, Tehama Co., Calif.—Until June 1, 8 P. M., bids will be received by the Red Bluff City Council E. E. Stevens, Superintendent of Water Works, for boring or drilling a well for the City Water Works.

Specifications obtainable from above office.

32—SEWERS & SEWAGE DISPOSAL PLANTS

PLANNED

BAKERSFIELD, Kern Co., Calif.—City Engineer Joe Holfelder has been authorized by the City Council to inspect sewage disposal plants in various cities and to prepare cost estimate for constructing modern disposal plant in Bakersfield.

BIDS OPENED

LOS ANGELES, Cal. — Lovrich & Konjevod, 606 N. Kings Road, Los Angeles, at $69,619.30 (unofficial total, not checked) submitted low bid to D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, for the construction of sanitary protection work at Hollywood Reservoir, under Spec. No. X-20.

Total bids follow:

Lovrich & Konjevod	$69,619.30
Gogo & Radich	70,075.50
J. R. Lippincott	70,674.55
L. F. Dow Co., Santa Monica	70,708.40
T. E. Sherlock	72,361.50
Lynch Cannon Engr. Co.	72,475.50
California Gunite Co.	75,089.00
Atlas Constr. Co., Pasadena	75,669.25

All of Los Angeles unless otherwise noted.

33— WATER WORKS

PLANNED

PITTSBURG, Contra Costa Co., Cal.—City Council has authorized City Manager H. L. Denham to make application to the Eastbay Municipal Utility District for the purchase of

water from the Mokelumne system, pending completion of the Contra Costa conduit.

Mayor M. W. Creagh, Jr., has appointed Councilmen Cardinalli and Chapin and City Manager Denham to make a special study of the future needs of the city for a filtration and chlorination plant.

BIDS WANTED

ANTIOCH, Contra Costa Co., Cal.—Until June 8, 8 P. M., new bids will be received by the Antioch City Council, J. E. McEhlheney, City Clerk, for furnishing a 10-in. centrifugal pump, 3750-g.p.m., for the municipal water system, to pump water from the river to the reservoir.

Specifications obtainable from the office of City Engineer George Oliver.

BIDS WANTED

SAN FRANCISCO—Until June 10, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,905 for construction of the Clay Street Hill extension to the Auxiliary Water Supply System for Fire Protection, a PWA project. Est. cost, $20,000.

The work involves:

Cast Iron Pipe and Special Castings In Place

(1) 1198 l.f. 12-in. Class F bell and spigot, plain;
(2) 180 l.f. 12-in. Class F bell and spigot, lugged;
(3) 360 l.f. 12-in. Class E bell and spigot, plain;
(4) 612 l.f. 12-in. Class E bell and spigot, lugged;
(5) 811 l.f. 10-in. Class G bell and spigot, plain;
(6) 132 l.f. 10-in. Class F bell and spigot, lugged;
(7) 335 l.f. 10-in. Class F bell and spigot, plain;
(8) 52 l.f. 8-inch Class F bell and spigot, lugged;
(9) 23 lin. ft. 8-inch Class G bell and spigot, lugged;

NOTE: Items 1 to 9 inclusive, cast iron pipe and part of the special castings, will be furnished by the City. Such special castings as the City does not have in stock shall be furnished by the contractor, as hereinafter called for.

(10) 7 each 10-in. gate valves, furnished, tested and delivered;
(11) 6 each, 8-in. gate valves, furnished, tested and delivered;

NOTE: Items 10 and 11: All materials furnished by the contractor.

(12) 3 each standard h.p. hydrants, repaired and reconditioned (not in place);
(13) 7 each 10-in. gate valves, in place
(14) 6 each, 8-in. gate valves, in place
(15) 6 each, standard high pressure hydrants, in place;

NOTE: Items 12 to 15 inclusive, standard high pressure hydrants, will be furnished by the City, three of which will be reconditioned by contractor under Bid Item (12). (Gate valves shall be furnished by the contractor under Bid Items 10 and 11).

(16) 14,300 lbs. pig lead furnished and delivered;
(17) 2,000 lbs. cast steel special castings, furnished and delivered;
(18) 23,000 lbs. cast iron special castings, furnished and delivered;
(19) 5,200 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed;
(20) 7,050 lbs. wrought iron bolts, nuts and washers, furnished & placed;
(21) 1,200 lbs. reinforcing steel, furnished and placed;
(22) 17 c.y. Class B concrete in place;
(23) 1950 c.y. backfill;
(24) 6100 s.f. asphalt-concrete pavement (2-in.—6-in.) Class F concrete;
(25) 500 s.f. asphaltic concrete wearing surface, 2-in. thick;
(26) 3350 s.f. concrete pavement, 6-in. thick, Class E concrete;
(27) 140 s.f. concrete sidewalks (one course);
(28) 5 c.y. broken rock, furnished and placed;
(29) 9 tons bell and spigot pipe, or double spigot pipe, without lugs. In classes E and F inclusive, and in nominal diameters of 8- to 12-in. inclusive;
(30) 2 tons bell and spigot pipe, or double spigot pipe, with bolting lugs. In Classes E and F inc., and in nominal diameters of 8- to 12-in. inclusive;

NOTE: Items 16 to 30 inclusive; all materials, including pipe, shall be furnished by the contractor.

(31) 4 lengths 10-in. Class F bell and spigot lugged pipe, cleaned and painted;
(32) 13 lengths 12-in. Class E bell and spigot plain pipe; cleaned and painted;
(33) 38 lengths 12-in. Class F bell and spigot plain pipe; cleaned and painted;
(34) 3 lengths 10-in. Class F bell and spigot lugged pipe; cut, grooved banded, cleaned and painted;
(35) 58 lengths 12-in. Class F bell and spigot plain pipe; cut, cleaned and painted.

NOTE: Items 31 to 35 inclusive: all pipe will be furnished by the City.

Plans and specifications obtainable from City Engineer John J. Casey upon $10 cash deposit.

BIDS OPENED

SANTA BARBARA, Cal.—Bids for furnishing approximately 9000 lbs. of electric-driven pumping equipment for the filtration plant and Sheffield Reservoir, were opened by the Santa Barbara city council May 21.

The bids were:

Peerless Pump Co.: (A) 5 days delivery, $497; no bids on other items.

Fairbanks-Morse & Co.: (A) 7 days, $505.50; (B) 10 days, $1012.75; (C) no bid; (D) 3 days, $126.50.

Worthington Co.: (A) 28 days, $525.-75; (B) 49 days, $1106.40; (C) 14 days, $970.50; (D) 42 days, $164.45.

Sterling Pump Co.: (A) 7 days, $544; no bids on other items.

Victor Equipment Co.: (A) 10 days $571; (B) and (C) no bids; (D) 10 days, $147.

Smith Booth Usher Co.: (A) 7 days, $578; (B) 42 days, $1272; (C) 42 days, $700; (D) 42 days, $146.

Byron - Jackson Co.: (A) 30 days, $592; (B) 30 days, $1895; (C) 30 days, $1293; (D) 30 days, $175.

DeLaval Steam Turbine Co.: (A) no bid; (B) 40 days, $1288.58; (C) 56 days $1011.46; (D) no bid.

Gardner - Denver Co.: Bid received too late; not declared.

PREPARING PLANS

SAN FRANCISCO.—Public Utilities Commission, Water Department, N. A. Eckart, Chief Engineer, preparing plans for San Francisco Bay Exposition, Inc., for water supply to Exposition site on Yerba Buena Shoals. Tentative plan is for pumping station to be constructed on Embarcadero with supply line carried on San Francisco-Oakland Bay Bridge to reservoir on Yerba Buena Island. Pipe line will be 10- to 12-inch line supplying 2,500,-000 gallons daily to storage reservoir of about 1,400,000 gallon capacity. Consumption at Exposition is estimated at 2,500,000 gallons daily.

Work is financed with WPA funds.

CONTRACTS AWARDED

SAN FRANCISCO. — Contracts for furnishing gate valves under Bid No. 1532 awarded by T. A. Brooks, Purchaser of Supplies, City Hall, as follows:

Ludlow Valve Mfg. Co., Lots 1 and 2, $5,881.30 (three 48-in. valves);

Chapman Valve Mfg. Co., Lot 3. $1,398.74 (two 36-in. valves).

BIDS OPENED

SANTA BARBARA, Cal.—Bids for furnishing 12 welded steel underdrain manifolds weighing approximately 13,-000 lbs. and five welded steel wall nipples weighing approximately 500 lbs. for the filtration plant and Sheffield Reservoir, were opened by the Santa Barbara city council May 21.

The bids were:

Lacy Mfg. Co.: 14 days, $1699.

Southwest Welding and Mfg. Co.: 15 days, $1795.

Western Pipe and Steel Co.: 30 days $2100.

Crane Co., Santa Barbara: 15 days, $2460.50; 2% 30 days.

Southern Pipe & Casing Co.: 30 days, $2518.85.

34 — PARKS AND PLAYGROUNDS

BOND ELECTION

BAKERSFIELD, Kern Co., Calif.—City Council plans bond proposal on county primary election ballot, Aug. 25, for $98,500 issue to finance modernization of three municipal swimming pools. City Manager Fred Nighbert authorized to prepare application to PWA for 45% grant of cost.

BIDS WANTED

ROSEVILLE, Placer Co., Cal.—Until June 4, 2 P. M., bids will be received by Custodian, U. S. Post Office, Roseville, for furnishing and installing lawn sprinkling system at the U. S. Post Office, Roseville.

Specifications may be obtained from above office.

BIDS WANTED

SEBASTOPOL, Calif.—Until June 22, 10 A. M., bids will be received by Treasury Department, Washington, D. C., for seeding and planting grounds of the U. S. post office at Sebastopol.

PLANNED

SAN FRANCISCO.—City Park Commission will supervise the stocking of nursery in Balboa Park to provide planting for San Francisco Bay Exposition, Inc. Work is financed with $498,000 WPA allotment.

BIDS WANTED

SAN FRANCISCO — Until June 3, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for planting at the Lawton School, Lawton Street, between 30th and 31st Avenues.

Specifications obtainable from City Architect Chas. H. Sawyer, Room 267, City Hall.

BIDS WANTED

SAN FRANCISCO — Until June 3, 1:45 P. M., informal bids will be received by the Department of Public Works, Rm. 251, City Hall, for planting at the Marina Junior High School, Fillmore Street, between Bay and Chestnut Streets.

Specifications obtainable from City Architect Chas. H. Sawyer, Room 267 City Hall.

35— TUNNELS

May 22, 1936

SUB-CONTRACT AWARDED

MARIN COUNTY, Cal.—T. E. Connolly Co., 461 Market St., San Francisco, general contractor, has awarded a sub-contract for excavation to R. A. Farish, 14 Pinehurst Way, San Francisco, in connection with construction of an 800-ft. tunnel and approaches on the route of the Waldo approach to the Golden Gate Bridge.

Fred Brunskoll, superintendent of construction.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until June 12, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies Rm. 270, City Hall, under Bid No. 1565, for furnishing iron castings for the Water Department for the fiscal year July 1, 1936, to June 30, 1937.

Specifications obtainable from above office.

SAN FRANCISCO.—Until June 12, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies Rm. 270, City Hall, under Bid No. 1557, for furnishing wood furniture for School Department.

Specifications obtainable from above office.

OAKLAND CITY

OAKLAND, Cal.—Until June 1, 4:30 P. M. (date postponed from May 25, previously reported) bids will be received by the City of Oakland Port Commission, Room 73, Grove St. Pier, A. H. Abel, for furnishing dock equipment as follows:

(1) One used 15-ton locomotive crane
(2) Two dock tractors, industrial type
(3) One dock lift truck, 3-ton;
(4) 60 4-wheel dock trucks.

Specifications obtainable from above office.

ALAMEDA COUNTY

LIVERMORE, Alameda Co., Cal.—Until June 15, 8 P. M., bids will be received by the Livermore City Council, Elmer G. Still, City Clerk, for furnishing one motor grader consisting of a powerr plant, grader and scarifier, mounted as a single unit on tracks or wheels, single or tandem drive.

Specifications obtainable from the above office.

MADERA COUNTY

MADERA, Madera Co., Cal.—Until June 11, 8 P. M., bids will be received by the Board of Trustees of the La Vina Elementary School District, J. L. Freeman, Clerk, Rt. 1, Box 280, Madera, for furnishing one Model C-35 International school bus chassis.

Specifications obtainable from the above office.

RECLAMATION BUREAU

BOULDER CITY, Nevada — Until June 11, 2 P. M., bids will be received by the Bureau of Reclamation, Denver Colo., under Spec. No. 798-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, structural steel for switchyard structures as follows: one tower supporting structure and three pedestal supporting structures for lighting arresterts; one supporting structure for transfer disconnecting switches and one supporting structure for single disconnecting switches; and one bus structure and three lighting arrester pedestals, for the Boulder Canyon Project.

The structures will be erected by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $1 not returnable.

WAR DEPARTMENT

FORT MASON, Cal.—Until June 5, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-320, for furnishing miscellaneous supplies, including cotton mops, waste paper receptacles, water coolers, etc.

Specifications obtainable from above office.

FORT MASON, Cal.—Until June 15, bids will be received by the Contracting Officer, Medical Section, Fort Mason, under Circular 36, for furnishing 20 steel beds, 20 steel dressers, 20 steel desks, 20 steel night tables, and 20 steel chairs.

Specifications obtainable from above office.

FORT MASON, Cal.—Until June 9, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-325, for furnishing 100 folding camp tables.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until June 8, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-323, for furnishing 100 gals. paint thinner.

Specifications obtainable from the above office

SACRAMENTO, Cal.—Until June 3, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-248, for furnishing rivets, nails, bolts and nuts, washers, cotter pins, screws, steel, floor plate, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office.

FORT MASON, Cal.—Until June 8, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. 928-36-322, for furnishing 600 gallons of white paint, interior flat, ready mixed.

Specifications obtainable from above office.

FRESNO COUNTY

SANGER, Fresno Co., Calif.—Until June 9, 8 P. M., bids will be received by the Board of Trustees of the Sanger Union High School District, H. F. Knapp, Clerk, for furnishing one school bus chassis and body with capacity of 49 students.

Specifications obtainable from above office.

TEHAMA COUNTY

RED BLUFF, Tehama Co., Cal.—Until June 11, 7:30 P. M., bids will be received by the Board of Trustees of Red Bluff Union High School District. Fred H. Weeks, Clerk, for furnishing an automobile pick-up, and a school bus chassis and body with a capacity of 54 students.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL.—Until June 4, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Agent The Panama Canal, Washington, D. C., under Schedule No. 3148, for furnishing miscellaneous supplies and equipment, including:

Sheet iron or steel, steel bars, sheet copper, sheet brass, brass rods, copper-nickel alloy, plate zinc, copper pipe and tubing, rigid steel conduit and elbows, wire wrope, steel wire, copper wire, insulated wire, antennae wire, magnet wire, electric motors, watthour meters, transformers, electric clocks, Venetian blinds, steel cabinets, chain hoists, wheelbarrows, nails, spikes, solder, asbestos board, Manila rope, hose, automobile tires and tubes, motorcycle tires, petroleum asphalt, bronze railing units, lumber (Southern Yellow Pine, California Redwood and Hickory).

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

SANTA BARBARA COUNTY

SANTA BARBARA, Cal. — Until June 4, 1 P. M., bids will be received by the Santa Barbara City Council for furnishing 3300 lbs. manually operated Sluice gates and 14,400 lbs. hydraulically operated sluice gates for Sheffield Reservoir. Quinton, Code & Hill-Leeds & Barnard, 905 Edison Bldg., Los Angeles, are consulting engineers.

SANTA BARBARA, Cal. — Until June 4, 1 P. M., bids will be received by the Santa Barbara City Council for furnishing 50,000 lbs. fabricated structural steel for filtration plant and Sheffield Reservoir. Quinton, Code & Hill-Leeds and Barnard, 905 Edison Bldg., Los Angeles, are consulting engineers.

SANTA BARBARA, Cal. — Until June 4, 1 P. M., bids will be received by the Santa Barbara City Council for furnishing chemical dry feeder machine for filtration plant at Sheffield Leeds & Barnard, 905 Edison Bldg., Los Angeles, are consulting engineers. Reservoir. Quinton, Code & Hill-

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Division, Treasury Department, Room 514, 49 Fourth St., for furnishing materials for use on WPA projects as follows:

JUNE 2, 10 A. M.:

BID NO. 1728: One protective power panel; fob Laguna Honda Home 7th Ave. and Dewey Blvd., S. F.;

BID NO. 1729: 1098 ft. cable; fob Laguna Honda Home; 7th Ave. and Dewey Blvd., San Francisco;

BID NO. 1731: 1600 l.f. clay sewer pipe, 6-in.; fob Golden Gate Park, 24th Ave. and Fulton St.;

BID NO. 1714: Rental of 10-15-h.p. crawler type tractor; fob job site, Healdsburg, Sonoma Co.;

BID NO. 1716: Rental of 12-ton roller, gasoline driven; fob job site, San Francisco County and vicinity.

JUNE 3, 10 A. M.:

BID NO. 1717: Rental of portable electric saws; fob job site, Kingsburg Fresno County.

Specifications obtainable from above office.

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Building and Engineering News

IN THIS ISSUE

$20,000,000 For California In Federal-Aid Bills

Spreckels Co. Starts Woodland Refinery

Building Permits, Advance Reports of Building and Engineering Projects

June 6, 1936

Vol. XIX—No. 23

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Vol. XIX SAN FRANCISCO, CALIF., JUNE 6, 1936 No. 23

Bills Allotting State $20,000,000 Highway Aid Await F. R. Signature

California will receive approximately $20,000,000 in Federal-aid money for state highway construction distributed over the three-year period ending June 30, 1939, under appropriations authorized at this session of Congress. The bills yesterday were awaiting the President's signature.

The Agriculture Department Supply Bill carries an appropriation for continuing regular Federal-aid under the program authorized in 1935, allotting to this state $4,757,000. This money will be available July 1 to continue the state's regular biennial construction program. The projects already have been selected and approved by the district office of the U. S. Bureau of Public Roads, it is understood.

In each of the fiscal years, 1938 and 1939, the state will receive approximately $7,580,000 to be expended through the State Division of Highways under provisions of the new Hayden-Cartwright Act. This will be allotted as follows: Regular Federal-aid, $4,757,000; secondary farm-to-market roads, $951,000; grade separations, $1,872,000. The state is required to match the regular Federal-aid money and the apportionment for secondary roads, but not the grade separation fund. The total to be allotted the state in the two years is approximately $15,160,000, calculated on the basis of previous apportionments. This added to the 1937 fiscal year's regular Federal-aid money makes a total of $19,917,000.

The state's share of the forest and park highway money, expended by the U. S. Bureau of Public Roads has not been announced.

Nevada will receive $1,595,000 in regular Federal-aid money in the fiscal year starting July 1. From the 1938 and 1939 appropriations that state will be apportioned funds as follows: Regular Federal-aid, $1,595,000; secondary farm-to-market roads, $319,000; grade separations, $222,000. Nevada also will share the appropriations for forest highways and Federal lands roads.

The totals to be allotted annually to other western states are calculated to be as follows: $2,451,000 Colorado, $2,405,000; Idaho, $2,256,000; Montana; $3,753,000; New Mexico, $2,830,000; Oregon, $3,038,000; Utah, $2,001,000; Washington, $3,114,000; Wyoming, $2,211,000.

Floyd O. Booe, secretary-manager of Northern California Chapter, Associated General Contractors called attention yesterday to an important feature of the new Federal highway law which will increase gasoline tax collections particularly in California. It permits the state to collect regular gasoline taxes on all gallonage sold in Federal reservations, excepting that used by cars owned and operated by the Federal government. Heretofore the collection of gasoline taxes in reservations such as the national parks has been barred and in areas where travel is heavy has resulted in substantial losses of revenue.

MATERIAL PRICE AVERAGE HIGHER

The U. S. Bureau of Labor building materials price index on May 23 stood at 85.6, a fractional gain from the week previous and slightly higher than on the corresponding date a year ago. The comparative average for the third week of May in 1935, 84.9 and in 1934, 87.2. The index is calculated on a 1926 base of 100. The increase during the week was due to stronger prices for brick, lath and gravel, the Bureau reported. Paint materials were fractionally lower; other items unchanged.

SPRECKELS CO. WOODLAND PLANT WORK TO START

Sugar Refinery Will Cost $2,000,000; Plans Nearly Complete

Plans are nearly complete for the $2,000,000 refinery which the Spreckels Sugar Company will construct near Woodland, it was announced yesterday. The owners are taking figures for preliminary items including roadway grading and rail connections. Bids for the major construction contracts will be asked in about thirty days, it is reported.

The factory site is located about half a mile from the Woodland-Knights Landing road, three miles northeast of Woodland. It adjoins the Southern Pacific branch line right of way.

Architect George W. Kelham is preparing plans for the factory buildings. Engineering plans are being prepared by the company's staff. Construction will be managed by the owners, but portions of the work will be sub-contracted.

The main building will be two and three stories of reinforced concrete (320x86). Offices will be in a separate building (96x61) which will include also dressing rooms for employes, a dining room and a laboratory. In addition to the two main buildings there are to be constructed warehouses, power plant, concrete storage bins, wood-lined.

TIME EXTENDED ON COURTHOUSE CONTRACT

A Forty-five day extension of time on the $2,000,000 Alameda county courthouse was granted Contractors K. E. Parker and Geo. Wagner this week by the board of supervisors, subject to approval of the Federal Public Works Administration.

The extension was approved by the supervisors to allow the contractors to complete work on the building after six basic contracts have expired on July 31, according to the Board of Architects headed by W. G. Corlett, who recommended the extension. The new date for completion is September 15.

LABOR CONTRACT BARS LIABILITY FOR COMPENSAT'N

General Contractor Not Required To Insure Work Sub-let

A general contractor is not required to carry compensation insurance protecting individuals subcontracting to perform certain operations for which the contractor furnishes the materials, according to an opinion rendered Registrar of Contractors Earl S. Anderson by Attorney-General U. S. Webb. The registrar sought advice as to his duty in proceeding against a contractor under penal sections of the State Contractors License Law.

In the case under consideration, a licensed contractor has undertaken to re-roof an existing building for a consideration in excess of $200. Two portions of the work are sub-contracted to two separate individuals, under an agreement whereby each of them is to do a certain specified portion of the work, performing the labor only, with the material to be supplied by the general contractor. In one case, one individual contracts for an amount of less than $200 to re-roof one entire side of the structure. In the other case, an individual has agreed to lay the roofing for an amount of less than $200, doing all but no more than the work required to re-roof a cupola.

It is the intent of the agreement between the original contractor and the two sub-contractors that the two sub-contractors be independent in their operations, and be acting as "Masters" as far as the principle of master and servant is concerned.

"In both cases of the labor work sub-contracted out by the general contractor, no compensation insurance is carried," states the registrar. "Our question is one of whether or not this constitutes a violation of the Workmen's Compensation Insurance and Safety Law."

The attorney - general's opinion follows:

Under the circumstances of the case mentioned in your letter, such of the subcontractors who has undertaken to do a part of the roofing is an independent contractor.

Neither of said sub-contractors nor any of their employees are employees of the general contractor, and the latter is not required to take out compensation insurance for them. Section 25 of 1917 Statues, page 831, which purported to make a third person, not an employer, liable for injuries to an employee, was held unconstitutional in the case of **Pacific Gas & Electric Co. vs. Industrial Accident Commission**, 180 Cal. 497, and was repealed by Chapter 760, Statutes 1927.

It is my opinion, therefore, that the failure of the general contractor to carry compensation insurance or the persons employed in doing the work described in your letter is not a violation of the Workmen's Compensation Insurance and Safety Law.

HOME BUILDERS RAISE WAGES

Associated Homebuilders of San Francisco have voted to pay a wage of $9 per eight-hour day to journeymen carpenters effective on all jobs started after June 8, Marshall T. Struthers, secretary, announced yesterday. Action approving the new scale was taken at the regular monthly meeting and was by vote of the membership. The new wage conforms to the award of special board of arbitration handed down several weeks ago, settling wage and hour differences between general contractors and the Bay District Council of Carpenters.

Directors of the Associated Homebuilders are A. Bernhardt, president; S. F. Johnson, Henry Doelger, Henry Stoneson, Carl Gellert, James A. Arnott and Marshall T. Struthers.

BUILDING AT HIGH LEVEL DURING MAY

$2,124,000 Permits Issued By San Francisco Bureau

Swelled by permits for the ferry slips on Yerba Buena shoals and the municipal airport administration building, San Francisco's building total last month amounted to $2,124,432, nearly double the figure for May, 1935, according to the report of Head Clerk S. J. Rosenblum of the central permit bureau. Last May the bureau issued permits for work to cost $1,137,323.

Residential construction, as represented by the total for frame structures, accounted for $865,315 of last month's building total. This compares with $341,412 in May last year.

Largest single permit of the month was issued to the public utilities commission for construction of ferry slips to cost $356,970 on the site of the 1939 exposition.

Alterations last month were at almost the identical level as in May 1935. Last month they totaled $243,483 while in May last year the total was $243,042.

Following are comparative totals for May, 1936, and May, 1935:

Class.	May, 1936 No. of P'mts	May, 1936 Est. Cost	May, 1935 No. of P'mts	May, 1935 Est. Cost
A	1	$ 40.000	7	$ 72,500
B	1	80,000	....	.....
C	12	161,443	8	68,980
Frames	162	865,315	80	341,412
Alter.	438	243,483	472	243,042
Public	3	377,221	3	411,389
Exposition of 1939:				
Ferry Slip, Yerba Bu'a.	1	356,970		

VON der HELLEN LOW BIDDER ON PARK CONTRACT

Four Proposals For Big Grading Job In Yosemite

William Von der Hellen, Medford, Oregon, yesterday submitted the low bid of $369,376 to District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, for grading of 5.9 miles of the Big Oak Flat Road in Yosemite National Park.

Following are the bids received:

Wm. Van der Hellen, Medford	$369,376
Ralph A. Bell, Portland	440,340
Isbell Const. Co., Reno	484,749
Morrison-Knudsen Co., L. A.	610,955

The engineer's estimate was $355,716. The bids were held under advisement.

The contract includes 43 acres clearing, 134 acres cleanup clearing, and 262,000 cubic yards of unclassified excavation. The low bid on the excavation item was $1.03 a yard.

The work is being financed with 1936 funds of the bureau allotted to National Park roads, being a portion of the work held over from last season due to delays in formulatng a wage scale in compliance with new Federal labor regulations.

$125,000 Stockton Disposal Plant Contract Offered

Bids for a contract to enlarge sewage disposal plants in Stockton will be opened by the city council June 24. The work is estimated at $125,000.

Items include additional buildings and extensions of handling and treatment systems at both north and south plants. The work is part of a $200,000 sewer improvement program undertaken last year with PWA assistants. C. C. Kennedy, San Francisco, is consulting engineer for the project. Plans are available from City Engineer Lyle Payton on deposit of $25.00.

SACRAMENTO DISTRICT TO NAME MANAGER

Sacramento Municipal Utility District directors will appoint a general manager within the next three or four months, according to Royal Miller, president. The board plans to relieve Albert Givan of his double duties as manager and engineer and permit him to give all his time to the engineering work.

Applications already have been filed by several men seeking the post of manager, but no decision will be made by the driectors until they have received the report now being prepared by Lester S. Ready and H. G. Butler

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1067	Campbell	Lehman	$146
1068	Rector	DuPuy	9000
1069	Century	Nielsen	6000
1070	Zachorech	Forbes	6000
1071	Elinor's	Grant	4250
1072	Wolters	Owner	5000
1073	Costello	Hanson	4500
1074	Borough	Little	4000
1075	Kinross	Moore	5000
1076	Draffin	Strand	4000
1077	Meyer	Anderson	2000
1078	Doelger	Owner	4000
1079	Othto	Owner	1000
1080	Stanford	Wagner	8000
1081	Evers	Owner	4000
1082	Liverpool	Tassi	1000
1083	McCrea	Owner	5200
1084	McCrea	Owner	5200
1085	Amorosa	Owner	4000
1086	Birdsall	Owner	3000
1087	Rose	Early	1000
1088	Johnson	Owner	3500
1089	National	Barrett	5000
1090	Ideal	Ideal	10000
1091	Mossi	D'Amico	7000
1092	Connor	Owner	3000
1093	Dimassimo	Owner	1000
1094	Dimassimo	Owner	1000
1095	Anza	Rousseau	4000
1096	Spreckels	Mullen	1900
1097	Standard	Owner	3500
1098	Standard	Owner	3500
1099	Standard	Owner	3500
1100	Standard	Owner	3500
1101	Standard	Owner	3500
1102	Standard	Owner	3500
1103	Herzig	Owner	6000
1104	Herzig	Owner	5500
1105	Stein	Kreig	4000
1106	Stein	Kreig	4000
1107	Christensen	Owner	4000
1108	Schmidt	Schmidt	3500
1109	Noriega	Sandino	4000
1110	Bloch	Cicerone	5000
1111	Schmidt	Schmidt	3000
1112	Koestle	Owner	1000
1113	Hercules	Hardy	1800
1114	McCrea	Owner	13000
1115	Anza	Rousseau	5000
1116	Anza	Rousseau	4000
1117	Blackman	Kavenaugh	3500
1118	Lindsay	Owner	4000
1119	Lindsay	Owner	4000
1120	Markovich	Grant	1750
1121	Ballhaus	Lindsay	4000
1122	Happy	Birdsall	3600
1123	Happy	Birdsall	3600
1124	Happy	Birdsall	3600
1125	Happy	Birdsall	3600
1126	Happy	Birdsall	3600
1127	Mitchell	Lindsay	3500
1128	Doelger	Owner	4000
1129	Hyer	Malloch	5000
1130	Miller	Lindsay	3950
1131	Beck	Owner	4000
1132	Kiefer	Lindsay	3500
1133	Halm	Dinwiddie	2000
1134	Rasmussen	Owner	40000

DWELLING
(1067 W TWENTY-SEVENTH AVE. 200 S El Camino Del Mar. Two-story and basement frame dwlg.
Owner — D. M. Campbell, 1735 Beach St., San Francisco.
Architect—Not Given.
Contractor—E. Lehman, 782 Elizabeth St., San Francisco. $8146

DWELLING
(1068) W SAN BUENAVENTURA Way 235 S St. Francis. Two-story and basement frame dwelling.
Owner—John Mott Rector, 2000 Van Ness Ave., San Francisco.
Architect—Not Given.
Contractor—Fred K. DuPuy, 110 Sutter St., S. F. $9000

ALTERATIONS
(1069) NO.. 1355 FRANKLIN ST. Alter club.
Owner—Century Club, Premises.
Architect—Not Given.
Contractor—N. F. Nielsen, 2869 Green St., San Francisco. $6000

DWELLING
(1070) W NOE ST. 220 N Nineteenth St. Two-story and basement frame dwelling.
Owner—O. F. Zachorech, % Contractor.
Architect—Not Given.
Contractor — R. J. H. Forbes, 1067 Monadnock Bldg., S. F. $6000

ALTERATIONS
(1071) NO. 285 GEARY ST. Alter store.
Owner—Elinor's Inc., Premises.
Architect—Not Given.
Contractor—Grant - Martinelli Constr. Co., 44 Mary St., S. F. $4250

DWELLING
(1072) W FERNWOOD DRIVE 40 S Ravenswood. Two-story and basement frame dwelling.
Owner—Paul A. Wolters Jr., 72 Fernwood Drive, San Francisco.
Architect—Not Given. $5000

DWELLING
(1073) E TWENTY-EIGHTH AVE. 287 N Cabrillo St. One-story and basement frame dwelling.
Owner—G. J. Costello, % Contractor.
Architect—Not Given.
Contractor—E. Hanson, 108 Winfield Ave., San Francisco. $4500

DWELLING
(1074) E TWENTY-FIFTH AVE. 35 N Ocean Ave. One-story and basement frame dwelling.
Owner—E. L. Borough, 1950 Gough St., San Francisco.
Architect—Not Given.
Contractor—M. A. Little Co., 107 24th Ave., San Francisco. $4000

DWELLING
(1075) NE TERESITA & REPOSA Sts. One-story and basement frame dwellings.
Owner—Ovida Kinross, 362 Teresita St., San Francisco.
Architect—John Ekin Dinwiddie, 360 Pine St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco. $5000

DWELLING
(1076) W STANYAN ST. 308 S Geary St. One-story and basement frame dwelling.
Owner—T. J. Draffin, 690 34th Ave., San Francisco.
Architect—H. Baumann, 251 Kearny St., San Francisco.
Contractor—T. D. Strand, 300 Buchanan St., S. F. $4000

ALTERATIONS
(1077) NO. 1535 HAIGHT ST. Alter store and dwelling.
Owner—John Meyer, 1704 Fell Street, San Francisco.
Architect—Not Given.
Contractor — Gustave Anderson, 134 Halleck St. $2000

DWELLING
(1078) E SIXTEENTH AVE. 167 N Lamita St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — John Doelger, 320 Judah St., San Francisco. $4000

ALTERATIONS
(1079) NO. 440-442 FIFTH STREET. Alter warehouse.
Owner — Lucile E. Otto, 91 Central Ave., San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(1080) NE CLAY AND WEBSTER Sts. Alter school.
Owner—Stanford University Medical School, Premises.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Contractor—G. W. Wagner, 181 South Pak, San Francisco. $8000

DWELLING
(1081) N KIRKHAM ST. 108 E 41st Ave. One-story and basemnt frame dwelling.
Owner—Kenneth Evers, 97 San Pablo Avee., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

ALTERATIONS
(1082) NO. 444 CALIFORNIA ST. Alter office.
Owner—Liverpool & London & Globe Ins. Co., Ltd., % Contractor.
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market St., San Francisco. $1000

DWELLING
(1083) N CLARENDON ST. 37 E Stanyan St. Two-story and basement frame dwelling.
Owner — R. D. McCrea, 98 Clarendon St., San Francisco.
Architect—G. E. McCrea, 3702 Redwood Road, Oakland. $5200

DWELLING
(1084) N CLARENDON ST. 73 E Stanyan St. Two-story and basement frame dwelling.
Owner — R. D. McCrea, 98 Clarendon St., San Francisco.
Architect—G. E. McCrea, 3702 Redwood Road, Oakland. $5200

DWELLING
(1085) S OAKDALE AVE. 50 W Keith St. One-story and basement frame dwelling.
Owner—F. S. Amorosa & Sons, Wallace and Keith Sts., S. F.
Architect — F. W. Dakin, Bank of American Bldg. $4000

DWELLING
(1086) W TWENTY-SECOND AVE. 25 N Lawton St. One-story and basement frame dwelling.
Owner—H. G. Birdsall, 646 47th Ave., San Francisico.
Architect—Not Given. $3000

ALTERATIONS
(1087) NO. 1521 VALENCIA ST. Alter dwelling.
Owner—A. J. Rose, 1507 Valencia St. San Francisco.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $1000

DWELLING
(1088) W EIGHTEENTH AVE. 180 N Wawona St. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(1089) NO. 815 BATTERY ST. Alter Bakery.
Owner—National Biscuit Co., Prem.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $5000

RESIDENCE
(1090) W MONTEREY BLVD. 37 N Westgate Drive. Class C residence.
Owner—Ideal Home Co., 2456 Vallejo St., San Francisco.
Architect—N. W. Mohr.
Contractor—Ideal Home Co., 2465 Vallejo St., San Francisco. $10,000

DWELLING
(1091) S MARINA BLVD. 75 W Divisadero St. Two-story and basement frame dwelling.
Owner—A. Mossi, 874 Vallejo Street, San Francisco.
Architect—Not Given.
Contractor—Tony Damico, 2345 Polk St., San Francisco. $7000

REPAIRS
(1092) NO. 3335 TWENTY-FOURTH St. Repair flats.
Owner — D. O. Connor, 1107 Shrader St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(1093) NO. 3115 SAN JOSE AVE. Alter dwelling.
Owner—Pietro Diamassimo, Premises
Architect—Not Given.
Contractor — D. J. and T. Sullivan, 1942 Folsom St. $1000

ALTERATIONS
(1094) NO. 3107 SAN JOSE AVE. Alter dwelling.
Owner—Pietro Dimassimo, 3115 San Jose Ave., San Francisco.
Architect—Not Given.
Contractor — D. J. and T. Sullivan, 1942 Folsom St. $1000

DWELLING
(1095) N ROMAIN ST. 553 E Market St. One-story and basement frame dwelling.
Owner—Anza Home Building Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., S. F. $4000

ALTERATIONS
(1096) NO. 753 MARKET ST. Alter market.
Owner—Spreckels Market & Fruit Co., Premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St. $1900

DWELLING
(1097) E FORTY-FOURTH AVE. 300 S Kirkham St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1098) E THIRTY-SECOND AVE. 275 S Irving St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1099) E FORTY-FOURTH AVE. 125 S Kirkham St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1100) E THIRTY-SECOND AVE. 225 S Irving St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1101) E FORTY-FOURTH AVE 275 S Kirkham St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1102) E THIRTY - SECOND AVE 250 S Irving St. One-story and frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1103 E GOLETO ST. 220 N Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd., San Francisco.
Architect—Not Given. $6000

DWELLING
(1104) E GOLETO ST. 200 N Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd., San Francisco.
Architect—Not Given. $5500

FLATS
(1105) E THIRTY-FIRST AVE. 35 N Clement St. Two-story flats.
Owner—Stein & Krieg, 159 19th Ave., San Francisco.
Architect—L. Belcher.
Contractor — Philip Krieg, 1509 Cabrillo St., San Francisco. $4000

FLATS
(1106) NE THIRTY-FIRST AVE. & Clement St. Two-story flats.
Owner—Stein & Krieg, 159 19th Ave., San Francisco.
Architect—L. Belcher.
Contractor — Philip Krieg, 1509 Cabrillo St., San Francisco. $4000

DWELLING
(1107) W FORTIETH AVE. 300 S Judah St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1427 27th Ave., San Francisco.
Architect — C. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(1108) W SHOTWELL ST. 151 W 25th St. One-story and basement frame dwelling.
Owner—Walter J. Schmidt, 4054 Precita Ave., San Francisco.
Architect—Not Given.
Contractor—Schmidt Bros., 2888 Folsom St., San Francisco. $3500

DWELLING
(1109) W ALMADEN ST. 110 N Anza St. One-story and basement frame dwelling.
Owner — Anthony L. Noriega, 1090 Eddy St., San Francisco.
Architect—Not Given.
Contractor — Frank Sanding Jr., 579 Arguello Blvd., S. F. $4000

DWELLING
(1110) E ALMADEN COURT 54 N Anza St. Two-story frame dwlg.
Owner—Edward M. Bloch, 510 Battery St., San Francisco.
Architect—Conrad T. Kett, 519 California St., San Francisco.
Contractor — The Cicerone Co., 1101 Potrero Ave., S. F. $5000

DWELLING
(1111) W SHOTWELL ST. 125 S 25th St. One-story and basement frame dwelling.
Owner—Walter J. Schmidt, 4054 Precita Ave., San Francisco.
Architect—Not Given.
Contractor, Schmidt Bros., 2888 Folsom St., S. F. $3000

DWELLING
(1112) NW VIENNA ST. 350 NE Persia Ave. Class C dwelling.
Owner—B. Koestle, 1032 Silver Ave., San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(1113) SE NORTH POINT AND Taylor Sts. Alter packing plant.
Owner—Hercules Glue Co., 333 Folsom St., San Francisco.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina St., San Francisco. $1800

FLATS
(1114) N LOMBARD ST. 62 E Kearny St. Three-story flats.
Owner—G. E. McCrea, 3702 Redwood Road, Oakland.
Plans by Owner. $13,000

DWELLING
(1115) N ROMAIN ST. 106 E Market One-story and basement frame dwelling.
Owner—Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect — Albert H. Larsen, 1400 Portola Drive. San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., S. F. $5000

DWELLING
(1116) N ROMAIN ST. 137 E Market. One-story and basement frame dwelling.
Owner—Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect — Albert H. Larsen, 1400 Portola Drive, San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., S. F. $4000

DWELLING
(1117) W FORTY-FIFTH AVE. 100 S Kirkham St. One-story and basement frame dwelling.
Owner—Ruby E. Blackman, 1494 46th Ave., San Francisco.
Architeca—Not Given.
Contractor—D. Kavanaugh, 1729 Transit St., Berkeley. $3500

DWELLING
(1118) W THIRTY-THIRD AVE. 58 S Rivera St. One-story and basement frame dwelling.
Owner—Boyd C. Lindsay, 183 Oxford St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1119) W THIRTY-THIRD AVE. 108 S Rivera St. One-story and basement frame dwelling.
Owner—Boyd C. Lindsay, 183 Oxford St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(1120) NO. 182 PARK ST. Alter flats.
Owner—P. Marcovich, Premises.
Architect—Not Given.
Contractor—Lincoln U. Grant, 658 3rd Ave., San Francisco. $1750

DWELLING
(1121) W THIRTY-THIRD AVE. 83 S Rivera St. One-story and basement frame dwelling.
Owner—Albert L. Ballhaus, 832 Naples St., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., S. F. $4000

DWELLING
(1122) E THIRTIETH AVE. 200 N Rivert St. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St., S. F.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Ave., San Francisco. $3600

DWELLING
(1123) E THIRTIETH AVE. 175 N Rivera St. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Ave., San Francisco. $3600

DWELLING
(1124) E THIRTEENTH AVE. 225 N Rivera St. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Ave., San Francisco. $3600

DWELLING
(1125) E THIRTIETH AVE. 250 N Rivera St. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Ave., San Francisco. $3600

DWELLING
(1126) E THIRTIETH AVE. 100 N Rivera St. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Ave., San Francisco. $3600

DWELLING
(1127) W CASTRO ST. 59 S Day St. One-story and basement frame dwelling.
Owner — John Mitchell, 940 Genera Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco. $3500

DWELLING
(1128) E SEVENTEENTH AVE. 575 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1129) N BELGRAVE AVE. 100 E Shrader St. One-story and basement frame dwelling.
Owner—George Hyer, % Contractor.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. $5000

DWELLING
(1130) W ENTRADA ST. 474 W Borica St. One-story and basement frame dwelling.
Owner—E. U. Miller, 1500 Clement St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., S. F. $3950

DWELLING
(1131) W TWENTY-FIRST AVE. 175 S Moraga St. One-story and basement frame dwelling.
Owner—John Beck, 500 Leavenworth St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1132) W ALEMANY BLVD. 100 N Tingley St. One-story and basement frame dwelling.
Owner—K. Kiefer, 3061 Army Street, San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3500

WAREHOUSE
(1133) W SEVENTH ST. 235 N Brannan St. One-story Class C warehouse.
Owner—Hahn & Co., 268 Sixth Street, San Francisco.
Engineer—R. Foster, Crocker Bldg., San Francisco.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg. $20,000

APARTMENTS
(1134) N BEACH ST. 100 E Avila St. Three-story frame apartments.
Owner—Viggo Rasmussen, 1690 Beach St., San Francisco.
Architect—R. R. Irvine, 2048 Market St., San Francisco.
Engineer—Jos. M. Smith, 251 Kearny St., San Francisco. $40,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
834	Young	Berrtelsen	5000
833	Bardwell	Owner	7000
835	Conrad	Pleitner	4300
836	Fleming	Owner	5000
837	Kroll	Kroll	6000
838	Tiny's	Mullen	2000
839	Heselmeyer	Daneri	5000
840	Walton	Mills	10500
841	Woolworth	Ebersole	1000
842	Perry	Owner	2400
843	Killam	Dooley	4500
844	Leekens	Owner	4500
845	Moniz	Owner	2500
846	Griffith	Griffith	3500
847	Gray	Hambleton	4625
848	Central	Pickrell	3000
849	Central	Pickrell	3000
850	Rowney	Melrose	1000
851	Helms	Kopf	4500
852	Lincoln	Owner	6000
853	Maas	McClung	3985
854	Moore	Waldman	3500
855	Peebles	Owner	4000
856	Dill	Stead	1000
857	Jackson	Jensen	24900
858	Merten	Steltzner	10500
859	Orcutt	Rich	5000
860	Jacques	Bernard	4000
861	McCarthy	Owner	1000
862	Henry	Bent	1500
863	Scudder	Watson	4825
864	Norberg	Anderson	4750
865	Birkhalm	Luflang	1400
866	Crocker	Crocker	3500
867	Scammell	Owner	5000
868	Scammell	Owner	5500

RESIDENCE
(834) NO. 64 KING AVE., **PIEDMONT.** Two-story 8-room frame residence and garage.
Owner — Raymond M. Young, 1153 Ashmount Ave., Piedmont.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.
Contractor — S. J. Bertelsen, 30 Estrella Ave., Piedmont. $5000

DWELLING
(833) 93 FLORIDA, **PIEDMONT.** Two-story 8-room dwelling and garage.
Owner and Builder—Chas. E. Bardwell, Jr., 794 Calmar St., Piedmont.
Architect—Not Given. $7,000

DWELLING
(835) 4266 MONTEREY BLVD., **OAKLAND.** One-story 6-room dwelling.
Owner—Mrs. Dorothy Conrad.
Architect—Not Given.
Contractor—H. A. Pleitner, 4021 East 14th St., Oakland. $4300

DWELLING
(836) 2120 TIFFIN RD., **OAKLAND.** One-story 6-room dwelling.
Owner and contractor—John Fleming, 2712 14th Ave., Oakland.
Architect—Not Given. $5000

DWELLING
(837) 1945 OAKVIEW DIVR, **OAKLAND.** Two-story 8-room dwelling.
Owner—Ralph Kroll, 928 Washington St., Oakland.
Architect—Not Given.
Contractor—Harry Kroll, 928 Washington St., Oakland. $6,000

ALTERATIONS
(838) 1228 BROADWAY, **OAKLAND.** Alterations.
Owner—Tiny's Waffle Shop, premises.
Architect—Grimes and Williams, 251 Post. St., San Francisco.
Contractor—Mullen Manufacturing Co. 60 Rausch St., San Francisco. $2,000

GARAGE
(839) 328-30 EAST EIGHTH Street, **OAKLAND.** One-story Class C garage.
Owner—Heselmeyer & Wolff, 628 East Tenth St., Oakland.
Architect—Not Given.
Contractor—Daneri & Swafford, 6515 Raymond St., Oakland. $5,000

STORE
(840) 2611-15 TELEGRAPH Avenue, **OAKLAND.** One - story concrete store.
Owner—H. K. Walton, care contractor.
Architect—S. Heiman, 605 Market St. San Francisco.
Contractor—Mills Const. Co., 645 Russ Bldg., San Francisco. $10,500

ALTERATIONS
(841) 2180 SHATTUCK AVE., **BERKELEY.** Alterations & additions.
Owner—F. W. Woolworth Co., premises.
Architect—Not Given.
Contractor—F. W. Ebersole, 2929 Harper St., Berkeley. $10,000

DWELLING
(842) NO. 4429 VIEW ST., **OAKLAND.** One-story 4-room dwlg.
Owner—R. Perry, 226 Mather Street, Oakland.
Architect—Not Given. $2400

DWELLING
(843) NO. 4272 ATLAS AVE., **OAKLAND.** One-story six-room dwlg.
Owner—Wm. Killam.
Architect—Not Given.
Contractor — Fred T. Dooley, 3936 Vale Ave., Oakland. $4500

DWELLING
(844) NO. 3257 FLORIDA STREET, **OAKLAND.** Two-story six-room dwelling.
Owner—C. W. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given. $4500

DWELLING
(845) NO. 1424 SEVENTY - NINTH Ave., **OAKLAND.** One-story 3-room dwelling.
Owner—Antonio Moniz, 2525 75th Ave., Oakland.
Architect—Not Given. $2500

DWELLING
(846) NO. 10,500 BREED AVENUE. **OAKLAND.** One-story five-room dwelling.
Owner—W. B. Griffith, 1537 7th Ave., Oakland.
Architect—Not Given.
Contractor — Chas. W. Griffith, 1537 7th Ave., Oakland $3500

DWELLING
(847) NO. 911 DELMAR AVENUE, **ALAMEDA.** One-story six-room dwelling.
Owner — W. E. Gray, 3216 Fernside Blvd., Alameda.
Architect—Not Given.
Contractor — Fred Hambleton, 1601 Wellington St., Oakland. $4625

DWELLING
(848) NO. 1634 LINCOLN AVENUE, **ALAMEDA.** One-story five-room dwelling.
Owner—Central Bldg. & Loan Assn., Central Ave. & Park St., Alameda
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda. $3000

DWELLING
(849) NO. 1636 LINCOLN AVENUE, **ALAMEDA.** One-story five-room dwelling.
Owner—Central Bldg. & Loan Assn., Central Ave. & Park St., Alameda
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda. $3000

ALTERATIONS
(850) NO. 2109 BUENA VISTA AVE. **ALAMEDA.** Addition and Alteration.
Owner—Mrs. Rowney, Premises.
Architect—Not Given.
Contractor — Melrose Builders, 1700 47th Ave., Oakland. $1000

DWELLING
(851) NO. 542 SANTA CLARA AVE., **ALAMEDA.** One-story five-room dwelling.
Owner—J. F. Helms, 545 Haight Ave., Alameda.
Architect—Not Given.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. $4500

DWELLING
(852) 1601 LEIMERT BLVD., **OAKLAND.** Two-story 6-room dwelling.
Owner and Builder—Luther H. Lincoln, 2201 East 14th St., Oakland.
Architect—Not Given. $6,000

DWELLING
(853) 5827 AMY DRIVE, **OAKLAND.** One-story 6-room dwelling.
Owner—Walter Maas, 5558 Broadway, Oakland.
Architect—Not Given.
Contractor—McClung & Stevens, 2443 Webster St., Oakland. $3985

DWELLING
(854) 5926 MAURITANIA AVENUE, **OAKLAND.** One-story five-room dwelling and 1story garage.
Owner—W. L. Moore, 4650 East 14th St., Oakland.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $3500

DWELLING
(855) N SAYRE DRIVE Lot 914 Forestland Ext., **OAKLAND.** One-story 5-room dwelling.
Owner and Builder—E. A. Peebles, 901 E 28th St., Oakland.
Architect—Not Given. $4,000

ALTERATIONS
(856) 527 SAN LUIS, **BERKELEY.** Alterations.
Owner—T. Dill, 527 San Luis, Berkeley.
Architect—Not Given.
Contractor—F. A. Stead, 3206 Boise, Berkeley. $1,000

DWELLING
(857) 125 WILLWOOD GARDENS, **PIEDMONT.** Two-story 12-room residence and garage.
Owner—Henry E. Jackson, care architect.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland. $24,900

DWELLING
(858) 141 SCENIC AVE., **PIEDMONT.** Two-story 8-room frame residence and garage.
Owner—Antoinette B. Merten, 701 Post St., San Francisco.
Architect—C. W. Mayhew, 6026 Acacia Avenue.
Contractor—A. G. Steltzner, 826 Wala Vista. $10,500

DWELLING
(859) 6107 BUENA VISTA, **OAKLAND.** Two-story 6-room dwelling.
Owner—W. S. Orcutt, Oakland.
Architect—Not Given.
Contractor—James L. Rich, 556 37th St., Oakland. $5,000

DWELLING
(860) W COLTON BLVD. Lot 658, Montclair Highlands, **OAKLAND.** One-story 5-room dwelling.
Owner—J. G. Jacques, 5542 Telegraph Ave., Oakland.
Architect—Not Given.
Contractor—W. V. Bernard, 227 San Carlos, Berkeley. $4,000

ALTERATIONS
(861) 3050-52 BLOSSOM ST., **OAKLAND.** Alterations and additions.
Owner and Contractor — Daniel McCarthy, 6450 Camden St., Oakland.
Architect—Not Given. $1000

ADDITIONS
(862) 1412 PERALTA, **BERKELEY.** Additions.
Owner—R. W. Henry, 1412 Peralta, Berkeley.
Architect—Not Given.
Contractor—E. M. Bent, 2125 Stuart, Berkeley. $1500

DWELLING
(863) 6040 MERRIEWOOD DR., **OAKLAND.** One-story 6-room dwelling.
Owner—Dr. Edward L. Scudder, 413 Medical Bldg., Oakland.
Plans by Frank Hill.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland. $4,825

DWELLING
(864) 1951 LEIMERT BLVD., **OAKLAND.** Two-story 6-room dwelling and one-story garage.
Owner—Walter Norberg.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—A. F. Anderson, 3524 Harbor View Ave., Oakland. $4750

ALTERATIONS
(865) 3733 CANON AVE., **OAKLAND.** Alterations and repairs.
Owner—K. Birkholm, 3733 Canon Ave. Oakland.
Architect—Not Given.
Contractor—J. J. Luflang, 2408 Bartlett St., Oakland. $1400

DWELLING
(866) 100 HERMOSA AVE., **OAKLAND.** One-story 5-room dwell- and 1-story garage.
Owner—Faith Crocker.
Architect—Not Given.
Contractor—H. L. Crocker, 30 Wilding Lane, Oakland. $3,500

DWELLING
(867) 2464 CORDOVA Street, **OAKLAND.** One-story 6-room dwelling.
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5,000

DWELLING
(868) 2550 COSTELLO ST., **OAKLAND.** One-story 6-room dwelling.
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5,500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
51	Morrison	Zinkand	14600
52	Pacific	Jacks	33121
53	Mossi	D'Amico	14093
54	Rector	DuPuy	13380
55	United	Fink	6250

SUNDAY SCHOOL
(51) SW FUNSTON AVE. AND Taraval St. All work except finish hardware and electric lighting fixtures for Sunday school.
Owner — Portalhurst Community Church.
Architect—Milton Morrison, % Contractor.
Contractor—Ed. Zinkand & Son, 667 36th Ave., San Francisco.
Filed May 28,' 36. Dated May 27, '36.
Tar and gravel roof on.....$3650
Brown coat plaster on..... 3650
When completed 3650
Usual 35 days..... 3650
TOTAL COST, $14,600
Bond, $7300. Surety, ——. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FACTORY
(52) W NEWHALL ST. AND CARroll Ave. All work for Class C factory.
Owner—Pacific Can Co, % Contractor.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.
Filed May 28, '36. Dated May 25, '36.
On or about 1st and 15th of each month 75%
Usual 35 days..... Balance
TOTAL COST, $33,121
Bond, none. Limit, 35 working days after signing. Forfeit, none. Plans and specifications filed.

DWELLING
(53) S MARINA BLVD. 75 W Divisadera St. W 38x8 91. All work for two-story and basement frame & stucco dwelling.
Owner—Mrs. A. Mossi, 1874 Vallejo St., San Francisco.
Architect—Not Given.
Contractor—Tony D'Amico, 2345 Polk St., San Francisco.
Filed June 1, '36. Dated June 1, '36.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $14,093
Bond, none. Limit, 90 working days after June 1, 1936. Forfeit, none. Plans and specifications filed.

DWELLING
(54) LOT 15 AND S 25 FT. LOT 16 Blk 7, Extension No. 1, St. Francis Wood. All work for two-story and basement frame and stucco dwelling with detached garage.
Owner—John Mott Rector, 2865 Jackson St., San Francisco.
Architect—Not Given.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.
Filed June 1, '36. Dated May 29, '36.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $13,380
Bond, $13,380. Surety, ——. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(55) NO. 354-60-62 GEARY STREET. All work for alterations to stores.
Owner—United Realty Co., 350 Geary St., San Francisco.
Architect—Not Given.
Contractor—Fink & Schindler Co., 552 Brannan St., San Francisco.

Filed June 3, '36. Dated ——.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $6250
Bond, none. Limit, July 1, 1936. Forfeit, none. Plans and specifications filed.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
63	Safeway	Barrett	19500
64	Jackson	Jensen	23064
65	Associated	Michel	4560
66	Stevens	Schulz	7870
67	Gray	Hambleton	4662
68	Fuller	Brown	3849
69	Associated	Lynn	5478
70	Associated	Lynn	3685
71	Associated	Lynn	3250

ALTERATIONS
(63) FOURTH and Jackson Streets, Oakland. Alterations to warehouse.
Owner—Safeway Stores, Inc., 201 4th St., Oakland.
Engineer—Jesse Rosenwald, 525 Market St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed, May 28, '36. Dated, May 25, '36
Fee of $1500 to contractor 35 days after completion.
Other payments not stipulated.
TOTAL COST, $19,500
Bond, $19,500. Sureties, Fidelity and Deposit Co. Limit, 60 days. Plans and specifications filed.

RESIDENCE
(64) LOT 5 and portions Lots 20 and 21, Wildwood Gardens, Piedmont. Two-story residence.
Owner—Henry E. Jackson, 1121 Mandana St., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.
Filed May 28, '36. Dated, May 27, '36.
Frame up $5708.50
Plastered 5708.50
Completion 5708.50
Usual 35 days..... 5708.50
1 year after comp. notice..... 230.10
TOTAL COST, $23,064.10
Bond, $23,064.10. Sureties, Pacific Indemnity Co. Limit, 120 days. Plans and specifications filed.

STATION BLDGS.
(65) ENCINAL & CENTRAL AVES. Alameda. All work for two steel service station buildings.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Michel & Pfeffer, 10th & Harrison Sts., San Francisco.
Filed May 29, '36. Dated May 26, '36.
Within 10 days after comp..... 75%
Usual 35 days..... 1967.50
TOTAL COST, $4560
Bond, $4560. Surety, Globe Indemnity Co. Limit 25 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(66) LOT 47 BLK 14, North Cragmont, Berkeley. All work for residence.
Owner—George E. Stevens, 1805 Highland Ave., Berkeley.
Architect—R. W. Jeans, 244 Kearny St., San Francisco.
Contractor—Herbert K. Schulz, 811 Mendocino Ave., Berkeley.
Filed May 29, '36. Dated May 21, '36.
Frame completed $1967.50
Brown coated 1967.50
When completed 1967.50
Within 10 days after comp..... 75%
TOTAL COST, $7870.00
Bond, none. Limit, 100 days. Forfeit none. Plans and specifications filed

RESIDENCE
(67) DELMAR AVE. and Otis Drive Alameda. Six-room residence.
Owner—W. E. and Carrie, Gray, 3216 Fernside, Alameda.
Architect—Not Given.
Contractor—Fred Hambleton, 1006 Chatham Road, Oakland.
Filed, June 1, '36. Dated, May 11, '36.
Frame up $1112.50
Brown coated 1112.50
Completed 1112.50
Usual 35 days 1325.00
TOTAL COST, $4662.50
Bond, $4662.50. Sureties, Maryland Casualty Co. Limit, 60 days. Plans and specifications filed.

ALTERATIONS AND ADDITIONS
(68) 511 14th ST., Oakland. Alterations and additions.
Owner—John H. Fuller, 306 Euclid St. Oakland.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Henry Brown, 1387 East 32nd St., Oakland.
Filed, June 1, '36. Dated, April 27, '36
Before 6th of each month.....75%
Usual 35 days.....25%
TOTAL COST, $3849.00
Limit, 30 days. Plans and Spec. filed.

SERVICE STATION
(69) ENCINAL AND CENTRAL Aves. Alameda. Service station.
Owner—Associated Oil Co., 2395 Webster St., Alameda.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Ashmount St., Oakland.
Filed, June 1, '36. Dated, May 28, '36
Within 10 days after comp.....75%
Usual 35 days.....25%
TOTAL COST, $5478.00
Bond, $5478. Sureties, Globe Indemnity. Co. Limit, 35 days. Plans and specifications filed.

SERVICE STATION
(70) RIDGEWAY and Piedmont Avenues, Oakland. Service station.
Owner—Associated Oil Co., 2395 Webster St., Alameda.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Ashmount St., Oakland.
Filed, June 1, '36. Dated May 23, '36.
Payments Not Given.
TOTAL COST, $3685
Bond, $3685. Sureties, Globe Indemnity Co. Limit, 30 days. Plans and specifications filed.

SERVICE STATION
(71) RIDGEWAY and Piedmont Avenues, Oakland. Two steel service stations.
Owner—Associated Oil Co., 2395 Webster St., Alameda.
Architect—Not Given.
Contractor—Nigg Engr. Corp., Second and Covina Blvd., Covina.
Filed, June 1, '36. Dated May 25, '36.
Within 10 days after comp.....75%
Usual 35 days.....25%
TOTAL COST, $3250
Bond, $3250. Sureties, Globe Indemnity Co. Limit, 15 days. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER store, $100; 374 3rd St.; owner, Rina Vilotti, 370 3rd Street; contractor, L. Murer, 1274 Quesada Street.
ALTER flats, $236; 110 19th Street; owner, M. L. Freyerer, 2770 Pine St.; contractor, G. L. Todhunter, 1088 Ashbury St.
ALTER dwelling, $100; 80 Ashton Ave. owner, S. Avendano, 1815 Vallejo
SIGN, electric, $100; 1041 Taraval St.; owner, Schiffers Creamery, Prem. contractor, Laib, 7th and Folsom.
SIGN, electric, $42; 354 O'Farrell St.; owner, Casa Nova Hotel, Prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
SIGN, electric, $450; 2721 Buchanan St.; owner, John Cehchini, 3721 Buchanan St.; contractor, Pacific Neon Mfg. Co., 2600 18th St.
ALTER flats, $200; 1610 Church St.; owner, Jack C. Nelson, Premises.
GARAGE, one-story frame, $200; N Portola Drive 586 W Waltman Way; owner, A. B. Cooper, 1068 Portola Drive.
ALTER dwelling, $50; 1838 Church St. owner, Jerry Shannon, Premises.
SIGN, electric, $25; 441 Sutter Street; owner, Electric Heat Shop, Prem. contractor, Laib, 7th and Folsom.
SIGN, electric, $200; 715 Grant Ave.; owner, Iwata Co., Premises; contractor, Wonderlite Neon Prods. Co., 170 Otis St.
ALTER dwelling, $75; 964 Fillmore St. owner, A. Arsanis, 1104 Fulton St.
SIGN, electric, $175; 1597 Turk St.; owner, Helen Strause, Premises; contractor, Pacific Neon Mfg. Co., 2600 18th St.
ALTER dwelling, $500; 3232 Broderick St.; owner, J. Dastugue, Prem.
ALTER dwelling, $175; 263 26th Ave.; owner, Bessie F. Turner, 1353 Post St.; contractor, Henry Erickson, 972 Chenery St.
SIGN, electric, $200; 335 Hunters Point Blvd.; owner, Warren Powers, 335 Hunters Point Blvd.; contractor, Pacific Neon Mfg. Co., 2600 18th Street.
SIGN, electric, $300; 2065 Polk Street; owner, Eastman's Ice Cream, Premises; contractor, Wonderlite Neon Prods. Co., 170 Otis St.
SIGN, electric, $300; 250 Powell St.; owner, Ahrens Bros., Premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
ALTER dwelling, $100; 272-A Lexington St.; owner, Francis Quinn, 504 Guerrero St.
ALTER store, $400; NE Chestnut and Pierce Sts.; owner, Anza Home Bldg. Co., 321 Kearny St.; contractor, Pearson and Johnson, 2031 Bryant Street.
SIGN, electric, $50; 1419 Howard St.; owner, M. Canaris, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
SIGN, $200; 2699 Mission St.; owner, Satters Drug Co., Premises; contractor, American Elec. Sign Co., 1740 Eddy St.
ALTER dwelling, $75; 1259 41st Ave.; owner, W. G. Belton, Premises.
ALTER dwelling, $450; 623 9th Ave.; owner, E. E. Harding, Premises; contractor, A. D. Collman, 666 Mission St.
ALTER store, $450; 1973 Ocean Ave.; owner, Russell D. Richard, 1900 Ocean Ave.; contractor, San Francisco Show Case Co., 682 McAllister St.
ALTER dwelling, $200; 634 41st Ave.; owner, Walter L. Gough, Prem.
ALTER dwelling, $900; 755 35th Ave.; owner, C. M. Mihan, 755 29th Ave.
SIGN, electric, $250; 103 West Portal owner, Dulfers, Premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
SIGN, electric, $350; SE Grove St. and Van Ness Ave.; owner, Cocoanut Grove, Premises; contractor, Apex Elec. Co., 363 Fell St.
SIGN, $100; 2142 Chestnut St.; owner, Gallenkamps, Prem.; contractor, L. Goldberg, 1985 Golden Gate.
ALTER dwelling, $275; 401 Connecticut St.; owner, Ann Sheridan, 601 Mississippi St.
ALTER gymnasium, $60; 315 Sutter St.; owner, Pacific Sutter Corp., % Mr. Kessler, % Buckbee Thorne & Co., 151 Sutter St.
ALTER flat, $115; 336 Shotwell St.; owner, W. A. Schuller, Premises; contractor, San Francisco Terrazzo Co., 3730 3rd St.
ALTER flat, $184; 1904 Golden Gate Ave.; owner, O. MacKay, 735 Geary St.; contractor, San Francisco Terrazzo Co., 3730 3rd St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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11.—Ice and Cold Storage Plants
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13.—Public Buildings, Fire Houses and Jails
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16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Completed
APARTMENTS Cost, $50,000
SAN FRANCISCO. N Beach Street E Avila.
Three-story and basement frame and stucco apartment building.
Owner and Builder—Viggo Rasmussen, 1690 Beach Street.
Architect—R. R. Irvine, 2048 Market Street.
Structural Engineer—James M. Smith, 251 Kearny Street.

4— FACTORIES & WAREHOUSES

Contracts Awarded.
SHOP Cost, $——
FRESNO, Fresno Co., Calif. Eighth and Ventura Avenue.
One-story concrete and brick maintenance shop building.
Owner—City of Fresno School District (L. L. Smith, Secretary).
Architect—Chas. Franklin, T W. Patterson Bldg., Fresno.
Concrete—N. Volanti, 2148 Clara St., Fresno, $4218.50.
Brick Work—J. M. Brown, 1837 Merced St., Fresno, $2980.
Reinforcing Steel — Kyle & Co., 246 G St., Fresno, $2674.20.
Carpentry—T. C. Irwin, 269 N. Fulton St., Fresno, $4440.
Roofing—D. H. Coffman, 1837 Merced St., Fresno, $683.

CONTRACT AWARDED
SAN DIEGO, Calif.—B. O. Larsen, 1346 E St., San Diego, awarded contract at $93,306 (exclusive of sheet metal) for completion of additions to the manufacturing plant at 3302 Atlantic St., San Diego, for the Consolidated Aircraft Corp. The new units will consist of an L-shaped addition to the northeast end of the plant, 450x100 feet in area; with a wing 100x100 feet in area; an addition 50x200 feet in area to the west side of the plant and three small detached buildings, one 50x200 feet in area and the other two each 50x40 feet in area. A contract was recently awarded to the Consolidated Steel Corp., 6500 E. Slauson Ave., Los Angeles, for furnishing and erecting the steel frame for the work. Edward Cray Taylor and Ellis Wing Taylor, 803 W. Third St., Los Angeles, Architects and Engineers.

Contract Awarded
WAREHOUSE Cost, $25,000
SAN FRANCISCO. W 7th Avenue N Brannan Street.
One-story Class C warehouse.
Owner—Hahn & Co., 268 6th Street.
Engineer—R. Foster, Crocker Bldg.
Contractor—Dinwiddie Const. Co., 210 Crocker Building.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO. SE North Point and Taylor Streets.
Alterations to packing plant.
Owner—Hercules Glue Co., 333 Folsom Street.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina Street.

Preparing Working Drawings.
MFG. PLANT Cost, $——
SAN FRANCISCO.
Four-story Class C manufacturing plant (reinforced concrete walls and frame, wood floors, steel sash, etc., passenger elevator, office facilities, etc.
Owner—Withheld.
Architect—Sidney A. Colton, 544 Market St., San Francisco.

Bid Opening Date Postponed Until June 8.
WAREHOUSE Cost, $——
SACRAMENTO, Sacramento Co., Cal. Third and R Streets.
Owner — Thomson-Diggs Co., Sacramento.
Structural Engineer — T. Ronneberg, Crocker Bldg., San Francisco.
Following will submit bids:
Barrett & Hilp, 918 Harrison St., San Francisco.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.
Lindgren & Swinerton, Inc., 619 H St., Sacramento.
MacDonald & Kahn, Financial Center Bldg., San Francisco.

Contract Awarded.
PLANT Cost, $125,000
RICHMOND, Contra Costa Co., Calif. Thirteen-acre site.
New spray chemical plant.
Owner—California Spray Chemical Co. (Charles F. Andres, Mgr.), Richmond.
Engineers — Stone & Webster, Russ Bldg., San Francisco.
Contractor—Stone & Webster, Russ Bldg., San Francisco, and Richmond, Calif.

Plans Being Figured.
POULTRY PLANT Cost, $50,000
LYNDEN, Washington.
One-story and basement egg-poultry plant (120x140 feet), built-up tar and gravel roofing, sliding doors, compressors, piping, etc.
Owner—Washington Co-operative Egg and Poultry Assn.
Plans by Engineering Dept. of Owner.
Construction Engineer—J. Myer, Elliott Ave. and John St., Seattle.
Bids are being taken by the owner from a selected list of contractors.

Sub-Contracts Awarded.
BOTTLING PLANT Cost, $——
WOODLAND, Yolo Co., Calif. W Main Street.
One-story brick bottling plant (40x60 feet).
Owner—Coca Cola Bottling Co., Sacramento.
Architect—Not Given.
Contractor — C. J. Hopkinson, 1810 28th St., Sacramento.
Plumbing—Fred McGrew, Woodland.
Brick Work—E. Ricci & Sons, Woodland.
Lumber—Diamond Match Company, Woodland.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Lathing and Plastering — E. Ricci, Woodland.
Mill Work—Diamond Match Co.

Segregated Bids Being Taken.
REFINERY Cost, $2,000,000
YOLO COUNTY, Cal. Two and one-half miles northeast of Woodland
New sugar refinery (two and three-story, reinforced concrete sugar refinery (20x85 feet); two-story reinforced concrete office building (96x61 feet) concrete woodlined bins equipped with air-circulating system; warehouse, power plant, etc.
Owner—Spreckels Sugar Co. (C. J. Moroney, Mgr.), 2 Pine St., San Francisco
Architect—George Kelham, 315 Montgomery St., San Francisco.
Engineering plans by Owner.
Segregated bids for construction of warehouse, tracks, road, etc., are now being received by the owner.
Bids on the major portions of the work will be asked about July 1.

Contract Awarded.
ALTERATIONS Cost, $6000
SAN FRANCISCO. No. 815 Battery Street.
Alterations to bakery.
Owner—National Biscuit Co., Prem.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded.
WAREHOUSE Cost, $40,000
SAN JOSE, Santa Clara Co., Calif. No. 135 Martha Street.
One-story warehouse.
Owner—Barron Gray Packing Co., 5th and Martha Sts., San Jose.
Plans by W. D. Lotz, 1040 Benton St., San Jose.
Contractor—Megna & Newell, 838 Minnesota Ave., San Jose.

Contract Awarded.
ADDITION Cost, $3500
SAN JOSE, Santa Clara Co., Calif. No. 370 E. Taylor Street.
Addition to cannery.
Owner—Greco Canning Co., Autumn St., San Jose.
Plans by W. D. Loaz, 1040 Benton St., San Jose.
Contractor—Jos. J. Graglia, 728 North 4th St., San Jose.

Additional Sub-Contracts Awarded
FACTORY Cost, $50,000
SAN LEANDRO, Alameda Co., Calif. Washington Ave. near Estabrook.
One-story calculating machine factory and office bldg. (262x72-ft.) Class B construction, steel, concrete and glass, steel sash, steel truss roof, etc.
Owner — Friden Calculating Machine Co. (Carl F. Friden, President).
Architect—Fred H. Reimers, 233 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.
Sheet Metal—Richmond Sheet Metal Works, Richmond.
Structural Steel — Independent Iron Works, 821 Pine St., Oakland.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Rolling Doors—Kinnear Mfg. Co. of California, 361 Brannan St., San Francisco.
Masonry—H. B. Petersen, 1605 Lafayette St., Alameda.
Other awards reported May 25.

5— FLATS

To Be Done By Day's Work
FLATS Cost, $15,000
SAN FRANCISCO. N Lombard St. E Kearny.

Three-story frame and stucco flats.
Owner and Builder—G. E. McCrea, 3702 Redwood Road, Oakland.
Architect—Not Given.

Contract Awarded
FLATS Cost, $6,000 each
SAN FRANCISCO. E 31st Ave. West Clement Street.
Two two-story and basement frame and stucco flats.
Owner—Stein & Krieg, 159 19th Ave.
Plans by L. Blecher.
Contractor—Philip Krieg, 1509 Cabrillo Avenue.

6—GARAGES & SERVICE STATIONS

Sub-Contracts Awarded
ALTERATIONS Cost, $12,000
SAN FRANCISCO. NW Washington St. and Van Ness Ave.
Alterations to garage and salesroom building.
Owner—S. D. Wilcox.
Engineer—Thos. F. Chace, 2801 Benvenue Ave., Berkeley.
Contractor—F. J. Early, Jr., 369 Pine Street.
Electric—Decker Elec. Co., 538 Bryant Street.
Painting—Chas. Gordon, 666 Mission.
Plastering—M. J. King, 2343 Bay St.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Avenue.
Structural Steel—Fair Mfg. Co., 617 Bryant Street.
Concrete Cutting—Emsco Conc. Cutting Co., 260 Clementina St.
Heating and Plumbing—George Wara, 6127 Geary Street.

Contract Awarded
SERVICE STATION Cost, $5,478
ALAMEDA, Alameda Co., Calif. Encinal and Central Avenues.
Service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Willis F. Lynn, 1037 Ashmount St., Oakland.

Contract Awarded.
SERVICE STATION Cost, $8000
OAKLAND, Alameda Co., Cal. Ridgeway and Piedmont Avenue.
New service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner
Contractor—Willis F. Lynn, 1037 Ashmount St., Oakland.

Contract Awarded.
GARAGE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 328-30 E-Eighth Street.
One-story Class C garage.
Owner—Heselmeyer & Wolff, 628 E-Tenth St., Oakland.
Architect—Not Given.
Contractor—Haneri & Swafford, 6515 Raymond St., Oakland.

7— FEDERAL BUILDINGS

LOW BIDDER
PUYALLUP, Wash.—Mutual Metal Mfg. Co., Chicago, Ill., $177, submitted low bid to Treasury Department, Washington, D. C., for furnishing and installing lighting fixtures in the U. S. Post Office, Puyallup, Wash. Bids held under advisement.

BIDS WANTED
SAN DIEGO, Cal.—Until June 10, 11 A. M., bids will be received by the Public Works Officer, 12th Naval District, Room 351, Federal Office Bldg., Civic Center, San Francisco, for the erection of a commissary gasoline sales station at the Receiving Ship, Yerba Buena Island, San Francisco.
Work includes excavation, backfill, concrete work, asphalt pavement, steel work, electrical work and piping, including two 5000 gallon steel tanks, metal canopy and the installation of a gasoline pump to be furnished by the Government. Spec. No. 8233.
Plans and specifications may be obtained from above office upon deposit of $5.00.

Complete Bids
POST OFFICE Cost, $——
ONTARIO, Oregon.
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—B. H. Sheldon, Gresham, Oregon, $56,290.
Complete bids follow:
B. H. Shelden, Gresham.....$56,289
H. J. Settergren, Portland..... 59,750
F. R. Comb Co., Minneapolis..... 60,483
Standard Const. Co., Tacoma..... 62,038
Cheweny & Reverman, Portland 62,250
Hoffman Const. Co., Portland.... 62,709
Bids held under advisement.

BIDS WANTED
HAYWARD, Alameda Co., Calif.—Until June 24, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing interior lighting fixtures in the U. S. post office at Hayward.
Specifications may be obtained from above office.

BIDS OPENED
FORT POINT, San Francisco.—Jas. H. Pinkerton Co., 927 Howard St., at $3,533, submitted low bid to Andrew Fourchy, Associate Civil Engineer, Room 219, Administration Building, Government Island, for alterations and repairs to crew's quarters, including new boiler room, heating plant and new floors, etc., at Fort Point, Presidio, San Francisco.
Complete bids follow:
James H. Pinkerton Co., San Francisco, $3,533; 45 days.
George C. Bell, Oakland, $3,619; 40 days.
F. W. Snook, San Francisco, $3,832; 120 days.
Fox Bros., Berkeley, $4,218; 40 days.
L. Sullivan, Oakland, $4,388; ninety days.
Don Early, $4,586; 70 days.
M. J. Reeves Heating Co., S. F., $8,800; 90 days.
Bids held under advisement.

Bids Wanted — To Close June 30, 1 P. M.
FEDERAL PENITENTIARY
Cost, $600,000
SAN PEDRO, Los Angeles Co., Calif. Reservation Point.
New Federal prison to serve Southern California and Arizona.
Owner—United States Government.
Plans by U. S. Department of Justice Washington, D. C.
Plans and specifications may be obtained from above office.

LOW BIDDER
SAN FRANCISCO—Severin Electric Co., 172 Clara St., at $31,760 submitted low bid to Treasury Department, Washington, D. C., for vault protection, watchmen's report, emergency alarm, emergency lighting, exterior lighting fixtures, raido transmitting equipment and tear gas system at the U. S. Mint, San Francisco. Second low bid was submitted by Alta Elec. & Mechanical Co., at $36,300.
Complete bids will be published shortly.

BUILDING MATERIALS APPROVED
SAN DIEGO, Cal.—Treasury Dept. has approved the following building material and equipment awards for the construction of the Coast Guard Air Station at San Diego. M. H. Golden, Bank of America Bldg., San Diego, general contractor:
Plumbing fixtures, Crane Co.; circular water sink, Bradley Wash-fountain Co.; stainless steel pantry sink, and scullery sink, Elkay Mfg. Co.; electric water cooler and drinking fountain, Kelvinator Sales Corp.; gas water heaters, Bastian - Morley Co.; gas range, Standard Gas Equip. Corp. coffee urn, T. J. Topper Co.; electric toaster, McGraw Electric Co.; grease traps, J. A. Zurn Mfg. Co.; ventilating sets — refrigerator, Ward Refrigerator & Mfg. Co.; refrigerating machine, York Ice Mchy Corp.; piping brass pipe, American Brass Co.; cast-iron screwed pipe, Alabama Pipe Co.; cast-iron water main, American Cast Iron Pipe Co.; brass fittings, Crane Company; nonconducting covering for plumbing and heating, magnesia pipe covering, magnesia blocks, cold water and hot water, Johns-Manville Co.; relief valves on hot water tanks, Penberthy Injector Co.; pressure-reducing valve, McAlear Mfg. Co.; gas-burning heating boilers, Bryant Heater Co.; radiator valves, Crane Co.; tube radiators, Crane Co.; pipe hangers, Grinnell Co.; fan hanger, Arrow-Hart & Hegeman Elec. Co.; circulating pumps for heating system, Bell & Gossett; feeder panel, Westinghouse Elec. & Mfg. Co.; r.c. wire and lead covered wire, Hazard Insulated Wire Co.; panels and cabinets, Westinghouse Elec. & Mfg. Co.; flush switches and receptacles, Bryant El. Co.; receptacles in hangar space, Arrow-Hart & Hegeman Elec. Co.; floodlights, obstacle lights, and relays and searchlight, Westinghouse Electric & Mfg. Co.; lighting fixtures, American Mfg. Co.

BIDS WANTED
SAN FRANCISCO—Until June 15, 2 P. M., bids will be received by Andrew Forchy, Associate Civil Engineer, Room 219, Administration Bldg., Government Island, for converting life saving building at Fort Funston into radio operating building grading and removing building, trees, shrubs, walls, etc., and for sound insulation of the radio room.
Plans and specifications may be obtained from above office.

BIDS OPENED
WESTPORT, Grays Harbor, Wash. —Grays Harbor Const. Co., Aberdeen, Wash., at $26,992 submitted low bid to Andrew Fourchy, Associated Civil Engineer, Room 219, Administration Bldg., Government Island, Calif., for constructing a one-story frame boathouse with timber trestle approach, turning platform, launchway, etc., at Westport Coast Guard Station, Grays Harbor, Wash.
Complete bids follow:
(1) deduct for sub. 3-ft. walk in lieu of trestle approach.
Grays Harbor Const. Co., Aberdeen, Wash. $26,992
.....(1) 1,891
Creech Bros., Aberdeen.....$27,327
.....(1) 1,900
Bids held under advisement.

CONTRACT AWARDED
PEARL HARBOR, T. H. — Honolulu Iron Works, Honolulu, at $233 awarded contract by Bureau of Yards and Docks, Navy Department, for asphalt tile flooring in Quarters at Pearl Harbor, T. H.

8— CLUB BUILDING

Contract Awarded.
ALTERATIONS Cost, $7500
SAN FRANCISCO. No. 1355 Franklin Street.
Owner—Century Club.
Architect—Not Given.
Contractor—N. F. Nielsen, 2869 Green St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Calif. 2286 Cedar Street.

Alterations and addns. to clubhouse (add on room, new stage, etc.)
Owner—Hillside Club, Premises.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Contractor—Carl Fox, 1478 University Ave., Berkeley.

Plans Being Prepared.
CLUB Cost, $3000
WALNUT CREEK, Contra Costa Co.
One-story club building.
Owner—Walnut Creek Woman's Club.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

9— HOSPITALS

CONTRACT AWARDED
SAN FRANCISCO—P. Grassi & Co., 445 Bay Shore Blvd., at $11,906 awarded contract by War Department for replacing present wood floors with terrazzo floors in Wards D-2, E-2, B-2 and L-2, at the Letterman General Hospital, San Francisco.
Complete bids published May 22.

Contract Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. NW Clay and Webster Streets.
Alterations to school.
Owner—Stanford University Medical School, Premises.
Architect — Bakewell & Weihe and Arthur Brown Jr., 251 Kearny St.
Structural Engineer — C. H. Snyder, 251 Kearny St.
Contractor—Geo Wagner, 181 South Park.

Sub-Contracts Awarded.
WARD BLDG. Cont. Price, $67,843
STOCKTON, San Joaquin Co., Calif. Stockton State Hospital.
Two-story reinforced concrete farm cottage building No. 11 (slate tile roof) to accommodate 120 beds.
Owner—State of California.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.
Concrete—Yolland Ice & Fuel Co., 248 E. Miner St., Stockton.
Reinforcing Steel — Concrete Engineering Co., 1280 Indiana St., San Francisco.
Cast Stone — P. Grassi Co., 445 Bay Shore Blvd., San Francisco.
Steel Windows, Doors, Etc. — Soule Steel Co., 1750 Army St., S. F.
As previously reported, heating and ventilating awarded to Pacific Heating & Ventilating Co., 243 Minna St., San Francisco, $11,817; Electric to Eddy Electric Co., 309 E. Weber St., Stockton, $2295.
Plumbing bids rejected and work will be done by day's labor.

Bids Opened
ADDITION Cost, $8,000
STOCKTON, San Joaquin Co., Calif. County Hospital.
Addition to county general hospital (psysiotherapy unit) hollow tile, metal stud and lath walls, etc.
Owner—County of San Joaquin.
Architect — Eric Johnson, Exchange Bldg., Stockton.
Low Bidder—J. C. Meyers, Rte. 1, Box 439, Stockton.
Complete bids follow:
J. C. Meyers, Stockton.....$7,460
John Hachman, Stockton..... 7,800
L. Ubels, Ripon..... 8,540
Two low bids held under advisement.

Plans Being Figured—Bids Close June 8th.
ADDITION Cost, $80,000
SAN FRANCISCO, Geary Street and Fifth Avenue.
Two - story reinforced concrete Class A addn. to French Hospital (new surgery and maternity units).
Owner—French Hospital Association.
Architect—Fabre and Hildebrand, 110 Sutter St., San Francisco.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

PLANNED
PHOENIX, Ariz.—Maricopa County Board of Supervisors propose making application to the WPA for funds to finance improvements to the buildings and grounds at Maricopa County's home for the aged on the Buckeye Road, west of Phoenix. Tentative plans include construction of new living quarters and general improvements to the grounds. The supervisors also are considering moving the county medical clinic from it present East Monroe Street location to the county home grounds as an economy measure. C. Warren Peterson is chairman of the Board of Supervisors.

10— HOTELS

Bids Rejected
HOTEL Cost, $——
BUCKINGHAM PARK, Lake Co., Cal.
One- and two-story wood frame hotel (10 rooms).
Owner—Buckingham Park Company.
Architect—Douglas D. Stone, 110 Sutter St., San Francisco.
Bids will be revised.

PREPARING PLANS
ARROWHEAD SPRINGS, Cal.—Architect Earl T. Heitschmidt, 808 Subway Terminal Bldg., Los Angeles, is preparing plans for a new hotel, a casino, a new bathhouse and six new bungalows to be built at Arrowhead Springs for the Arrowhead Springs Hotel; H. S. Ward, manager. The new hotel, which will be built on the site of the present hotel, will contain 100 guest rooms and will cost $250,000. The casino will cost about $75,000, the bathhouse $60,000, and the six bungalows between $25,000 and $30,000. All of the buildings will be wood frame and stucco structures. The project has been financed and construction of the bathhouse, casino and bungalows will be started this summer. The hotel will not be started until next spring.

PLANNED
NEAR LAS VEGAS, Nev.—Boulder Dam Hotel Corp., care of Harry J. Wiesler, Bank of America Bldg., San Diego, contemplates erection of hotel project on an 880-acre tract located three miles from Las Vegas. The following men will head teh corporation: Harry Wiesler, president; Robt. Foehl, vice - president; Harlan Sperbeck, treasurer; Sam Porter and Travis Rogers, directors. The hotel building is to be of Spanish style architecture and the facilities will include a casino, dining room, outdoor dining patio spa with swimming pool and individual guest houses, etc. A race rtack and golf course is contemplated for construction ofaer completion of the hotel buildings. Cost estimated at $2,500,000.

11—ICE AND COLD STORPLANTS

CONTRACT AWARDED
FULLERTON, Orange Co., Calif.—George Pickering, 535 W Malvern St., Fullerton, awarded contract and has started work on the construction of a new pre-cooling plant at 210 W. Walnut Ave., for the Fullerton Mutual Orange Assn. Kohlenberger Engineering Co., 805 S Spadra Road, Fullerton, has been awarded the contract for refrigeration and insulation

CONTRACT AWARDED
MARE ISLAND, Cal.—Shirar Young Co., 1450 Van Ness Ave., San Francisco, at $1975 awarded contract by Bureau of Yards and Docks, Navy Department, for furnishing and installing refrigerating equipment in Building No. 570 at the Naval Prison, Mare Island. Spec. No. 8216.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BONDS DEFEATED
EL CENTRO, Imperial Co., Calif.—City of El Centro voters at an election held May 25 defeated bonds in sum of $100,000, proceeds to be used for the construction of a combined library and city hall building in El Centro. Total cost of the project is estimated at $175,000; $75,0000 to be provided by PWA grants.

SEEK FUNDS
FRESNO, Cal. — The Fresno City Commission has a uthorized Mayor Z. S. Leymel to file plans and specifications with the PWA for a proposed fire station to be built at Fresno and E Sts. Cost, $70,000.

Contract Awarded
FIREHOUSE Cont. Price, $11,969
BERKELEY, Alameda Co., Cal. Cedar Street from 8th to 9th Streets.
One - story frame fire house (cement plaster exterior) reinf. concrete drill tower and machine shop.
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.

Planned.
HIGH SCHOOL Cost, $1,250,000
SAN JOSE, Santa Clara Co., Calif. Phelan Tract (40 acre Site).
Reinforced concrete Senior High School buildings.
Owner—San Jose City School Dist., (Walter L. Bachrodt, Supt.)
Architect—Not Selected.
The site will be purchased June 9. It is proposed to call a bond election sometime in October and to file an application with the WPA for funds to finance proposed structure.
Preliminary sketches are being prepared by M. H. Antonacci, City Planning Engineer.

BIDS WANTED
SAN FRANCISCO.—Until June 10, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for acoustical correction of the band practice rooms Nos. 12 and 464 in the San Francisco War Memorial Building, Van Ness Ave. and McAllister St.
Plans and specifications may be obtained from above office upon deposit of $5.00.

Commissioned To Prepare Plans
STATE CAPITOL Cost, $2,200,000
SALEM, Oregon.
Three-story State Capitol bldg. (light stone or marble facing, grilled windows and doors), rectangular shape, approx. 400x164 feet with cylindrical tower rising from Center section to height of 166 feet; administrative office on 1st floor, legislative chambers, etc., on 2nd floor; assembly hall on 3rd; basement to contain barber shop, cafeteria and state dept. work rooms.
Owner—State of Oregon.
Architect — Goodhue Livingston, 101 Park Ave., New York.
Associate architect to be named shortly.

14— RESIDENCES

Owner Taking Bids
RESIDENCE Cost, $——
VALLEJO, Solano Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) shingle roof, gas furnace,

steel sash, oak floors, cement stucco exterior, tile baths, etc.
Owner—E. L. Enos, 17 Hanns Ave., Vallejo.
Architect—Chas. E. J. Rogers, Phelan Building, San Francisco.

Construction Postponed Indefinitely.
RESIDENCE Cost, $9,000
VALLEJO, Solano Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) shingle roof, gas heating system, hardwood floors, tile baths wood sash, etc.
Owner—Robert E. Clark.
Architect—Chas. E. J. Rogers, Phelan Building, San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. No. 1601 Leimert Blvd.
Two-story frame and stucco residence (6 rooms).
Owner & Builder—Luther H. Lincoln, 2201 E-14th St., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,500
BERKELEY, Alameda Co., Calif.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. Kellogg.
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley.
Contractor—G. E. Pearson and J. O. Weston, 2307 Buena Vista Ave., Alameda.

Plans Being Figured—Bids Close June 8th.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Calif. Arlington Acres.
Two - story and basement frame and rustic residence (shake roof, air conditioning system, hardwood floors, etc.
Owner—George Prifold, Jr.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Contract Awarded
RESIDENCE Cost, $17,000
WOODSIDE, San Mateo Co., Calif. Moore Ranch.
Two-story frame and stucco residence
Owner—H. P. Clark.
Architect—Not Given.
Contractor—F. Marshall, 799 Ashbury St., San Francisco.

Contract Awarded
RESIDENCE Cost, $——
EMERALD LAKE, San Mateo Co., Calif. West Maple Way.
Two-story frame and stucco residence
Owner—Edward Michel.
Architect—Not Given.
Contractor—E. Steinegger, 371 Alameda de las Pulgas, Redwood City.

Contract Awarded
RESIDENCE Cost, $7,500
SACRAMENTO, Sacramento Co., Cal. 1545 13th Avenue.
Two-story frame and stucco residence
Owner—Roy Nielsen, Bank of America Bldg., Sacramento.
Architect—Not Given.
Contractor—Edward T. Lee, 1139 33rd St., Sacramento.

CONTRACT AWARDED
PHOENIX, Ariz.—H. R. Meadows, Phoenix, awarded contract for twelve-room residence in County Club Manor, Phoenix, for Dr. James Lytton-Smith, % Grunow Clinic, Phoenix. Hollow brick wall construction, painted exterior, asbestos shingle roof, air conditioning system, wood panel work tiled bathrooms, etc. Cost $25,000.

Contract Awarded
RESIDENCE Cost, $12,000
PIEDMONT, Alameda Co., Cal. 141 Scenic Avenue.
Two - story and basement frame and stucco residence (8 rooms).
Owner—Antoinette B. Merten.
Architect—C. W. Mayhew, 6026 Acacia Ave., Oakland.
Contractor—A. G. Steltzner, 826 Waila Vista Ave., Oakland.
Davis St., Santa Rosa.

Low Bidder
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Cal. Acacia Drive.
Two-story frame, stucco and brick veneer residence (shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.)
Owner—P. D. McKenzie.
Architect—Fred L. Confer, 3149 Claremont Ave., Berkeley.
Low Bidder—H. K. Schultz, 811 Mendocino Ave., Berkeley.

Segregated Bids Being Taken
RESIDENCE Cost, $12,000
CONTRA COSTA COUNTY. Outside Berkeley City Limits.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, oil burning heating system, steel sash, hardwood floors, tile aths, etc.
Owner—John W. Givens.
Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.

Contract Awarded.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal. No. 565 Spruce Street.
Two-story frame and stucco residence (six rooms).
Owner—Carl Johnson, 2360 Cedar St., Berkeley.
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $7187
EMERALD LAKE, San Mateo Co.
Two-story brick and cement residence
Owner—E. A. Michel.
Architect—Carl Gellfuss, 1095 Market St., San Francisco.
Contractor—Emil G. Steinegger, 371 Alameda de las Pulgas, Redwood City.

Plans Being Figured.
RESIDENCE Cost, $4500
OAKLAND, Alameda Co., Cal. Montclair District.
One-story and basement frame and stucco residence (six rooms) tile roof, wood sash, hardwood floors, tile bath, etc.
Owner—R. C. Smith.
Architect — Ray Keefer, 770 Wesley St., Oakland.

Owner Taking Bids.
RESIDENCE Cost, $——
MARTINEZ, Contra Costa Co., Cal.
Two-story frame, stucco and brick veneer residence (6 rooms and 4 baths), shake roof, wood sash, oil and warm air heating system, hardwood floors, tile baths, etc.
Owner—R. S. Woodford, Martinez.
Architect — W. K. Strickland, 1278 Sunnyhills Road, Oakland.

Sub-Bids Being Taken.
RESIDENCE Cost, $7000
SAN FRANCISCO. Pinelake Park.
One-story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Ave., San Francisco.
Architect—D. E. Jackle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5800
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One-story frame and stucco residence
Owner—John R. Ronis et al, Millbrae.
Architect—Not Given.
Contractor—Joseph Parker, Millbrae.

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 1917 Oakcrest Drive.
Two-story frame residence (5 rooms)
Owner—J. Dougery, 394 Jagne Ave., Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—Kennedy Constr. Co., 1140 Chatham Road, Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $8,500
PIEDMONT, Alameda Co., Calif. 93 Florida.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Chas. E. Bardwell, Jr., 794 Calmar St., Piedmont
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 each
SAN FRANCISCO. E 16th Avenue N Lomita.
Two one - story and basement frame and stucco residences.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $6,500 ea.
SAN FRANCISCO. W 24th Avenue N Ocean Avenue.
Two one - story and basement frame and stucco residences.
Owner and Builder—J. A. Stroud, Jr., 633 Taraval Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 5647 Chabot Road.
Two-story frame and stucco residence (six rooms).
Owner and Builder—J. A. Stroud, Jr., 370 17th St., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.

Plans Being Figured.
RESIDENCE Cost, $10,000
KENT, Marin Co., Calif.
Two-story stone and timber residence and double garage (seven rooms, three baths, maid's room, two sleeping porches, hardwood floors, fireproof shingle roof, etc.)
Owner—A. Pinther, Corte Madera.
Architect — W. E. Baumberger, 65 Wellington Ave., San Anselmo.
About ten days will be allowed for figuring the plans.

Contract Awarded.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
Two-story frame and stucco residence (six rooms).
Owner—F. A. Betelheim.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—D. B. Gladstone, 557 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. No. 1945 Oakview Drive.
Two-story frame and stucco residence (eight rooms).
Owner—Ralph Kroll, 928 Washington St., Oakland.
Architect—Not Given.
Contractor—Harry Kroll, 928 Washington St., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO. W 27th Ave. S El Camino Del Mar.
Two-story and basement frame and stucco residence.
Owner—D. M. Campbell, 1735 Beach St., San Francisco.
Architect—Not Given.
Contractor—E. Lehman, 782 Elizabeth St., San Francisco.

Plans Being Completed.
RESIDENCE Cost, $14,000
STOCKTON, San Joaquin Co., Calif. Oxford Manor.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, gas heating system, air conditioning system, steel sash, hardwood floors, tile baths, tile wainscot, etc.
Owner—Withheld.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.
Bids will be asked in about one week.

Plans Being Refigured
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Cal. Taylor Gardens.
Two-story frame and stucco residence (10 rooms, 3 baths) tile roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Fred. Wolfe.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Contract Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO. W Noe Street N 19th Street.
Two - story and basement frame and stucco residence.
Owner—O. F. Zachorech.
Architect—Not Given.
Contractor—R. J. H. Forbes, Monadnock Bldg.

Sub-Contracts Awarded
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif. 486 Vassar.
Two-story frame and stucco residence (7 rooms).
Owner and Builder—W. A. Netherby, 385 Lyman Road, Oakland.
Architect—Not Given.
Plumbing—J. A. Fazio, 2059 Webster St., Oakland.
Steel Sash—Michel & Pfeffer Iron Works, Harrison and 10th Streets, San Francisco.
Reinforcing Steel—Borman Steel Co.
Sub-bids are wanted on electric wiring, roofing, heating, sheet metal, tile work, glass, iron grille work, brick work, stone work, lathing and plastering, lumber, mill work, hardware and painting.

Sub-Contracts Awarded
RESIDENCE Cost, $8,500
PIEDMONT, Alameda Co., Calif. 298 Indian Road.
Two - story and basement frame and stucco residence (7 rooms).
Owner—Edgar Whealen.
Architect—Not Given.
Contractor—Edward Larmer, 90 Fairview Ave., Oakland.
Plumbing—Madden Plbg. & Htg. Co., 3119 San Pablo Ave., Oakland.
Electric Wiring — F. W. Parkhurst, 6132 Pinehaven Road, Oakland.
Lumber—Loop Lumber Co., Broadway and Blanding, Alameda.
Steel Sash—Gleason Steel Prod. Co., 1310 63rd St., Oakland.
Mill Work—Sheehand Ballard Planing Mill, 9th and Parker, Oakland.
Concrete—F. Salamid, 5350 Manila, Oakland.
Reinforcing Steel — Beatie Steel and Supply Co., 1650 32nd St., Oakland.

Plans Being Figured—Bids Close June 15, 5 P. M.
DESIDENCE Cost, $8000
BAYWOOD, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas heat, system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Following will submit bids:
W. C. Tait, 883 Market St., San Francisco.
R. A. White, 744 Crossway Road, Burlingame.
Chas. Pedersen, 734 Prospect Road, San Mateo.
A. E. Orton, Palo Alto.

Contract Awarded
RESIDENCE Cost, $6,000
MODESTO, Stanislaus Co., Calif.
Two-story frame and stucco residence (six rooms).
Owner—Baumberger Brothers.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—Messamer & Waterbrook, Route 2, Box 988, Modesto.

Contract Awarded
RESIDENCE Cost, $7870
BERKELEY, Alameda Co., Cal. North Cragmont.
Two-story frame and stucco residence.
Owner—Geo. Stevens, 1805 Highland Place, Berkeley.
Architect—R. W. Jeans, 244 Kearny St., San Francisco.
Contractor—Herbert K. Schultz, 811 Mendocino Ave., Berkeley.

Plans Being Completed.
RESIDENCE Cost, $10,000
BAYWOOD, San Mateo Co., Calif.
Two-story and basement frame residence (9 rooms and 3 baths) shingle tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be asked in about ten days

Contract Awarded
RESIDENCE Cost, $6,000
ALAMEDA, Alameda Co., Calif. 911 Delmar Avenue.
One - story and basement frame and stucco residence (6 rooms).
Owner—W. E. Gray, 3216 Fernside Blvd., Alameda.
Architect—Not Given.
Contractor — Fred Hambleton, 1601 Wellington St., Oakland.

Contract Awarded.
RESIDENCE Cost, $14,093
SAN FRANCISCO. S Marina Blvd. W Divisadero Street
Two-story and basement frame and stucco residence
Owner—A. Mossi, 1874 Vallejo St., San Francisco.
Architect—Not Given.
Contractor—Tony D'Amico, 2345 Polk St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $12,000
SAN FRANCISCO. W Monterey Blvd. N Westgate Drive.
Two-story Class C residence.
Owner and Builder—Ideal Home Co., 2456 Vallejo St., San Francisco.
Architect—N. M. Mohr, 4447 18th St., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO. Shrader Street.
Two-story and basement frame and stucco residence (7 rooms and 2 baths).
Owner—Edgar Meakin.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Roofing—W. J. Anderson, 3825 Army St.
Mill Work—Brannan Street Planing Mill, 560 Brannan Street.
Stairs—E. D. Philbrick Co., 41 Sheridan Street.
Lumber—Smith Lumber Co., Fourth and Channel Sts.
Sheet Metal—Colan Heating & Sheet Metal Co., 1060 Folsom St.

Low Bidder.
RESIDENCE Cost, $18,000
SAN FRANCISCO. Twenty-fifth Ave.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) composition shingle and flat roofing, oil or gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—J. W. Dinkelspiel.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.
Low Bidder—Fred K. DuPuy, 110 Sutter St., San Francisco.

Plans Being Figured—Bids Close June 11, 1:30 P. M.
ALTERATIONS Cost, $25,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Alterations and additions to two-story frame and stucco fraternity house (additional rooms, new dining room kitchen, chapter hall, etc.)
Owner—Delta Tau Delta Fraternity, 650 San Juan, Stanford University Campus, Palo Alto.
Architect—Newsom & Newsom, Russ Bldg., San Francisco.

Owner Taking Bids
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Cal. Near 35th Street (East Oakland).
1½-story frame and stucco residence (6 rooms, 2 baths) wood shingle roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner—A. F. Sorisio, 742 Broadway, Oakland.
Architect—Williams and Wastell, 374 17th St., Oakland.

Plans Completed
RESIDENCE Cost, $8,500
BERKELEY, Alameda Co., Cal. Keeler Avenue.
Two - story frame, stucco and brick veneer residence (7 rooms) shake roof, steel sash, hardwood floors, tile baths, etc.
Owner—F. W. Hiatt.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Bids will be asked shortly.

Contract Awarded.
ALTERATIONS Cost, $4500
SAN JOSE, Santa Clara Co., Calif. No. 795 Morse Street.
Alterations to residence.
Owner—Philip Hammer, 2170 The Alameda, San Jose.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Contractor—E. Nommensen, 315 South 17th St., San Jose.

Construction Postponed Indefinitely.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame residence (Monterey-Colonial Type; 5 rooms) shingle roofing, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Low Bidder — Chas. Ungaretti, 1727 Foothill Blvd., Oakland.

Contract Awarded.
RESIDENCE Cost, $7500
SAN JOSE, Santa Clara Co., Calif. No. 881 Morse Street.
Two-story frame and stucco residence
Owner — Dr. S. B. Van Dalsem, 868 Clintonia St., San Jose.
Architect—Not Given.
Contractor — V. F. Van Dalsem, 905 Willow Glen Way, San Jose.

Plans being Figured
RESIDENCE Cost, $6,000
BERKELEY, Alameda Co., Cal. Hilldale Avenue.
Two-story frame and rustic residence (6 rooms and 2 baths) shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Lloyd Bradley.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

To Be Done By Day's Work.
RESIDENCES Cost, $6500 each
SAN FRANCISCO. N Clarendon St. E Stanyan Street.
Two two-story and basement frame and stucco residences.
Owner and Builder—R. D. McCrea, 98 Clarendon St., San Francisco.
Contractor—G. E. McCrea, 3702 Redwood Road, Oakland.

Contract Awarded
RESIDENCES Cost, $4,500 ea.
ALAMEDA, Alameda Co., Calif. 1634-1636 Lincoln Avenue.
Two 1-story and basement frame and stucco residences (5 rooms each).
Owner—Central Building & Loan Association, Central Ave. and Park St., Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.

Contract Awarded.
RESIDENCE Cost. $5000
SAN FRANCISCO. W Stanyan St. S Geary Street.
One-story and basement frame and stucco residence.
Owner—T. J. Draffin, 690 34th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—T. D. Strand, 300 Buchanan St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $3450
SAN JOSE, Santa Clara Co., Calif. S Younger Ave., bet. Second and Third Sts.
One-story and basement frame and stucco residence.
Owner—Angelo Di Salvo.
Architect—Not Given.
Contractor—Salvatore Guardino, 690 Mission St., San Jose.

Low Bidder.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. Euclid Avenue.
Two-story frame and stucco residence (6 rooms) shingle roof, gas warm air heating system, wood sash, hardwood floors, etc.
Owner—H. J. Baker.
Architect — B. Reede Hardman, 2068 Allston Way, Berkeley.
Low Bidder — C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Calif. St. James Wood.
Two-story and basement frame and stucco residence.
Owner—H. E. Jackson, 2106 Magnolia Street, Oakland.
Architect—Miller & Warnecke, Financial Bldg., Oakland.
Contractor—Jensen & Pedersen, 3113 Adeline St., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 32nd Avenue S Irving Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 14th Avenue S Kirkham Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCES Cost, $5000 & $6000
SAN FRANCISCO. Pinelake Park.
Five one-story and basement frame and stucco residences (two 5-rm. and three 6-rm.) teerra cotta flat tile roofs, gas heating systems, wood sash, tile steps, brick veneer, tile baths, hardwood floors, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Roofing — M. A. Toohey and W. H. Proctor.
Plumbing—George Rehn, 1919 Mission Street.
Electric Wiring — Richmond Electric Co., 1370 40th Ave., San Francisco
Heating—Atlas Heating & Ventilating Co., 557 4th St., San Francisco.
Tile Work—W. H. Proctor.
Glass—San Francisco Glass Co. and W. P. Fuller & Co., 301 Mission St., San Francisco.
Iron Grille Work — Ace Iron Works, 159 South Park, San Francisco.
Brick Work—A. J. Tole, 1112 Fitzgerald Ave., San Francisco.
Lumber—Loop Lumber Co. and Colma Mill, San Francisco.
Mill Work—A. Schafer & Co., 732 Bryant St., San Francisco.
Hardware—Palace Hardware Co. and S. Mariani, 581 Market St.
Painting—J. Oliver.
Flooring—A. Antonchuk, 691 Geneva Avenue.
Window Shades—D. N. & E. Walter, 562 Mission Street.
Structural Steel — Bethlehem Steel Corp., 20th and Illinois Sts.

Plans Being Prepared.
RESIDENCES Sost, $4000 each
MILL VALLEY, Marin Co., Calif.
Three one-story frame and stucco residences (4 rooms each) shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—D. E. Jackle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $8500
STOCKTON, San Joaquin Co., Calif. No. 2233 Lakeside Avenue.
Two-story frame and stucco residence (seven rooms).
Owner—O. H. Morgan.
Architect—Not Given.
Contractor—C. T. Carlson, 807 North Madison St., Stockton.

Plans Being Completed.
RESIDENCE Cost, $——
SAN FRANCISCO.
One-story and basement frame and stucco residence (6 rooms and 2 baths) English type; composition shingle roof, gas heating system, wood sash, colored tile, plumbing fixtures, plank floors, etc.
Owner—Withheld.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
Bids will be asked within a few days

Owner Taking Bids.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. East Oakland District.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner — G. H. Stover, 8730 Foothill Blvd., Oakland.
Architect — Earl MacDonald, 3812 Broadway, Oakland.

Contract Awarded.
RESIDENCE Cost, $6500
STOCKTON, San Joaquin Co., Calif. No. 729 No. Central Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—F. L. Fenton, Bank of America Bldg., Stockton.
Architect—Not Given.
Contractor — F. P. Dobson, 1150 W. Harding St., Stockton.

Contract Awarded
RESIDENCE Cost, $7,000
SAN FRANCISCO. E Almaden Court W Anza Street.
Two-story frame and stucco residence
Owner—Edward M. Bloch, 510 Battery Street.
Architect—Conrad T. Kett, 519 California Street.
Contractor—The Cicerone Co., 1101 Potrero Avenue.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 6167 Buena Vista Avenue.
Two-story frame and stucco residence (six rooms).
Owner—W. E. Orcutt.
Architect—Not Given.
Contractor—James L. Rich, 556 37th St., Oakland.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN JOSE, Santa Clara Co., Calif. South Fifteenth Street.
Alterations to residence.
Owner—Mr. Munger.
Architect—Higgins & Root, Security Bldg., San Jose.
Contractor—C. F. Keesling, 398 Coe Ave., San Jose.

Sub-Bids Being Taken.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 951 Park Lane.
Two-story frame and stucco residence (eight rooms).
Owner—Emily Rose, 2448 Sacramento St., Berkeley.
Architect—Chas. McCall, 1404 Franklin Street, Oakland.
Mgr. of Const.—Williams & Parsons, 2268 80th St., Oakland.
Sub-bids are being received by the owner.

Owner Taking Bids
RESIDENCE Cost, $5,200
VISALIA, Tulare Co., Calif.
One - story and basement frame and stucco residence (six rooms) shake roof, gas heating system, hardwood floors, wood sash, tile baths.
Owner—W. M. Mel, % Visalia Canning Co., Visalia.
Architect—Chas. McCall, 1404 Franklin Street, Oakland.

Preparing Preliminary Plans
RESIDENCES Cost, $1,200 each
SAN LEANDRO, Alameda Co., Calif.
Three one-story and basement frame and stucco residences (55 rooms each) shake roof, wood sash, gas heating system, hardwood floors.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin Street, Oakland.

Contract Awarded
RESIDENCE Cost, $11,000
HILLSBOROUGH, San Mateo Co.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) English type; shingle roof, wood sash, gas heating system, tile baths, hardwood floors, etc.
Owner—Donald E. Fritts.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Chas. Pedersen, 734 Prospect Ave., San Mateo.

CONTRACT AWARDED
MARTINEZ, Contra Costa Co., Cal. —Patterson Bros., 573 Santa Rosa Ave., Berkeley, at $770 awarded contract by Alhambra Union High School District for furnishing labor and equipment only for painting of the Junior High School Building, Gymnasium and Shop building at the High School, Martinez.

Construction To Start Shortly.
SHOWER ROOMS Cost, $8,000
HOLLISTSR, San Benito Co., Calif.
One-story frame shower room building at high school.
Owner—San Benito Co. High School District.
Architect—W. H. Weeks, 593 Market St., San Francisco.
Mgr. of Const.—Lyman G. Young, R. F. D., Hollister.
Materials will be purchased in Hollister

Low Bidder.
RESIDENCE Cost, $4500
ORINDA, Contra Costa Co., Calif.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—J. A. Davidson.
Architect—Geo. P. Simonds, 30 Main Street, Hayward.
Low Bidder—California Constr. Co., 532 16th St., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $7500
PALO ALTO, Santa Clara Co., Calif. No. 54 Churchill Avenue.
Two-story rustic residence.
Owner — Mrs. Lillian Hastings, Hillsborough.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—A. E. Orton, 151 Harriett Ave., Palo Alto.
Roofing—Wm. Davi, Menlo Park.
Plumbing—P. S. Mallott, Palo Alto.
Electric Wiring — G. Robinson, Palo Alto
Heating—Fost & Garcia, Palo Alto.
Tile Work—Bloomquist Tile Co., Palo Alto.
Glass—Acme Glass Co., Palo Alto.
Brick Work—C. Glen, Palo Alto.
Lathing and Plastering—H. K. Fultz, Mountain Vitw.
Mill Work — Progress Lumber Co., Redwood City.
Lumber — Merner Lumber Co., Palo Alto.

Contract Awarded
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. W Shotwell St. S 25th Street.
Two one-story and basement frame and stucco residences.
Owner—Walter J. Schmidt, 4054 Procita Avenue.
Architect—Not Given.
Contractor—Schmidt Bros., 2888 Folsom Street.

Plans Being Completed.
RESIDENCE Cost, $——
LOS GATOS, Santa Clara Co., Calif.
Two-story frame, stucco and brick veneer residence (six rooms).
Owner—Fred Oehler, American Trust Co., San Jose.
Architect—Binder & Curtis, 25 W. San Carlos St., San Jose.
Bids will be asked within one week.

To Be Done By Day's Work
RESIDENCES Cost, $7,000 each
SAN FRANCISCO. E Goleto N Sloat Boulevard.
Two one-story and basement frame and stucco residences.
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.
Architect—Not Given.

15— SCHOOLS

Plans Completed.
SHOP Cost, $20,000
RIPON, San Joaquin Co., Calif.
One-story frame and stucco shop building.
Owner—Ripon High School District.
Architect—W. H. Weeks, 593 Market St., San Francisco.
Project is awaiting WPA approval.

Contracts Awarded.
MUSIC BLDG. Cost, $35,000
SANTA ROSA, Sonoma Co., Calif.
Reinforced concrete music building at high school.
Owner—Santa Rosa Un. High School District.
Architect—W. H. Weeks, 593 Market Street, San Francisco.

Segregated General Work
N. H. Sjoberg, 5601 E 16th St., Oakland, $28,727.

Lathing and Plastering
M. J. King, 2343 Bay St., San Francisco, $3491.

Roofing
G. W. Davenport, $1628.50.

Heating, Plumbing and Sheet Metal
Herman Lawson, 465 Tehama St., San Francisco, $6,923.

Painting
C. W. Sullberg & Son, Route 1, Box 1, Windsor, $1050.

Electric Work
Norman A. Russell, 822 College Ave., Santa Rosa, $1905.

Brick Work
W. Olsen and Son, 617 I St., Petaluma $2337.

Linoleum and Shades
Stone Co., Santa Rosa, $440.85.

Hardware
Dixon Hardware and Implement Co., Dixon, $400.

Bids Opened.
RECON. SCHOOL Cost, $25,000
OAKLAND, Alameda Co., Calif. 47th Avenue and Foothill Blvd.
Reconstruct Fremont High School.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Low Bidder—Fred J. Early Jr., 36 Pine St., San Francisco.
Complete bids follow:
(1) add for additional auditorium truss bracing.

Fred J. Early Jr., S. F.	$43,443	
	(1)	5,150
B. A. Howkins, S. F.	45,000	
	(1)	.....
Louis C. Dunn, S. F.	46,725	
	(1)	7,135
Carl N. Swenson, San Jose	47,482	
	(1)	4,63[illegible]

Bids held under advisement.

Plans Being Figured—Bids Close June 18, 8 P. M.
RECON. SCHOOL Cost, $15,000
BURLINGAME, San Mateo Co., Calif.
Reconstruction of portion of Burlingame High School (work involves structural steel trusses, timber & concrete construction).
Owner—San Mateo High School Dist.
Structural Engineer—H. B. Hammill, 381 Bush St., San Francisco.
Plans and specifications may be obtained from the engineer upon deposit of $20.00.

FIRE LOSS
DINUBA, Tulare County, Cal.—The main building of the Dinuba Union High School was destroyed by fire May 29. Damage estimated at $100,000.

Plans Being Figured—Bids Close June 12, 10 A. M.
ALTERATIONS, ETC. Cost, $——
ELK GROVE, Sacramento Co., Calif.
Alterations and additions to science building and new equipment.
Owner—Elk Grove Union High School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.

Bids Wanted — To Close June 25, 8 P. M.
HIGH SCHOOL & GYM. $615,000
SACRAMENTO, Sacramento Co., Cal West Freeport Blvd., bet. Bidwell Way and Sixth Avenue.
Senior High School main building and gymnasium, cafeteria equipment, stage rigging, etc. (reinforced concrete construction).
Owner—Sacramento City High School
Architect—Starks & Flanders, 310 Bk. of American Bldg., Sacramento
Plans and specifications may be obtained from the architects upon deposit of $20.
Bids will be opened in the Administration Bldg., Board of Education, 21st and L Sts., Sacramento.

Complete Bids.
SCHOOL Cont. Price, $29,493
BIG CREEK, Fresno Co., Cal.
One-story reinforced concrete elementary school.
Owner—Big Creek Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Low Bidder—Jolly & Harrington, 834 Arthur St., Fresno.
Complete bids follow:

Jolly & Harrington, Fresno	$29,493
R. P. Moore, Fresno	29,877
Harris Constr. Co., Fresno	30,429
T. C. Irwin, Fresno	36,700
L. H. Hansen & Son, Fresno	33,585

Bids held under advisement.

Plans Being Figured—Bids Close June 12, 7:30 P. M.
SCHOOL Cost, $18,000
SALINAS, Monterey Co., Calif. East of Salinas.
One-story frame and stucco elementary school (four classrooms) flat roof.
Owner — Salinas Elementary School District.
Architect—Charles Butner, 630 Pajaro Street, Salinas.
Plans and specifications may be obtained from the architect upon deposit of $25.

Plans Being Completed
ADDITIONS Cost, $19,500
WATSONVILLE, Santa Cruz Co., Cal.
One-story frame and stucco addition to Roache School (5 classrooms) plaster interior partitions, composition shingle roofing, Oregon pine flooring, hot air heating system, gas furnace, etc.
Owner—Roache School District.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Plans Approved.
SHOWER ROOMS Cost, $8000
HOLLISTER, San Benito Co., Calif.
One-story frame shower room building at High School.
Owner — San Benito County High School District.
Architect—W. H. Weeks, 595 Market St., San Francisco.

Plans have been approved by the State Division of Architecture, Sacramento, and bids will be asked shortly.

Bid Opening Date Postponed Until June 9, 8 P. M.
ADDITION Cost, $——
PORTERVILLE Tulare Co., Calif.
Addition to high school building.
Owner—Porterville Union High School District (B. B. Kreider, Clerk).
Architect—W. D. Coates, 626 Rowell Bldg., Fresno.
The date was previously set for June 1.
Plans and specifications may be obtained from the clerk and from the architect upon deposit of $25.

Plans Awaiting Approval.
GYMNASIUM Cost, $90,000
SACRAMENTO, Sacramento Co., Cal.
Sacramento Junior College.
Brick gymnasium (fifth unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Plans have been sent to State Division of Architecture, Sacramento, for approval.

Contract Awarded
SCHOOL Cost, $60,000
PETALUMA, Sonoma Co., Cal. Howard and Walnut Streets.
Two - story and basement reinforced concrete parochial school (8 classrooms; 37x156 feet) St. Vincent's Parochial School.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Arnold Constable, 580 Market St., San Francisco.
Structural Engineer — K. Theill, 580 Market St., San Francisco.
Contractor—John H. Schnieder, 5621 Shafter Ave., Oakland.

Plans Being Prepared
SCHOOL Cost, $100,000
SELMA, Fresno Co., Calif.
One-story reinforced concrete elementary school.
Owner—Selma Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Bids will be asked about Sept. 1.

Contract Awarded
SCHOOL Cost, $60,000
PETALUMA, Sonoma Co., Cal. Howard and Walnut Streets.
Two - story and basement reinforced concrete parochial school (8 classrooms; 37x156 feet) St. Vincent's Parochial School.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Arnold Constable, 580 Market St., San Francisco.
Structural Engineer — K. Theill, 580 Market St., San Francisco.
Contractor—John H. Schnieder, 5621 Shafter Ave., Oakland.

BIDS WANTED
KENTFIELD, Marin Co., Cal.—Until June 12, 8 P. M., bids will be received by Ada M. Fusselman, Secretary, Junior College District, for construction of certain bleachers to be erected on the athletic field of the Junior College at Kentfield.
Plans and specifications may be obtained from the Secretary upon deposit of $5.00.

Contract Awarded
SCHOOL Cost, $75,000
SAN MATEO, San Mateo Co., Calif.
One - story frame and stucco school and auditorium (5 classrooms and auditorium to seat 500).
Owner—St. Matthews Catholic School 900 S. El Camino Real, San Mateo.
Architect—H. A. Minton, 525 Market St., San Francisco.
Contractor—Jas. L. McLaughlin, 251 Kearny St., San Francisco.

Plans Being Prepared
ADDITION Cost, $——
TAFT, Kern Co., Calif.
Two - story reinforced concrete addition to west unit of Administration Bldg. at high school.
Owner—Taft Union High School Dist.
Architect—W. H. Weeks, 593 Market St., San Francisco.

16—BANKS, STORES AND OFFICES

Plans Being Figured
STORE FRONT Cost, $——
BERKELEY, Alameda Co., Calif. 2206 Shattuck Avenue.
New store front (marble and glass).
Owner—Wallace & Wallace, 2206 Shattuck Ave., Berkeley.
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 753 Market Street.
Alterations to market.
Owner—Spreckels Market & Fruit Co. Premises.
Architect—Not Given.
Contractor—Mullen Maunfacturing Co. 60 Rausch St., San Francisco.

Contract Awarded
STORE Cost, $4,000
SAN FRANCISCO. NW 25th Ave. and Judah Street.
One-story frame and stucco store bldg.
Owner—E. Bracco.
Architect—Not Given.
Contractor—Richard Delucchi and Co. 3275 San Bruno Ave.

Contract Awarded
BANK AND STORE Cost, $100,000
BURLINGAME, San Mateo Co., Calif. Burlingame Ave. 308 ft. W Primrose Road.
One - story reinforced concrete bank and store building.
Owner—San Francisco Bank, 526 California St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

Contract Awarded.
STORE Cost, $17,500
OAKLAND, Alameda Co., Cal. No. 2611-15 Telegraph Avenue.
One-story reinforced concrete store building (40x100 ft.); 10-year roofing, wood flooring, steel sash, metal window mouldings, etc.
Owner—H. K. Walton.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor — Mills Constr. Co., 645 Russ Bldg., San Francisco.

Contract Awarded.
ALTERATIONS, ETC. Cost, $6000
ATHERTON, San Mateo Co., Calif.
Alterations and additions to residence (work involves an addition of a large living room, sleeping porches, fireplaces, weatherstripping, partitions, gas furnace heating system, etc.)
Owner—Arthur J. Hill.
Architect — W. E. Baumberger, 65 Wellington Ave., San Anselmo.
Contractor—William Martin, 666 Mission St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $3500
OAKLAND, Alameda Co., Cal. No. 1228 Broadway.
Alterations for restaurant.
Owner—Tiny's Waffle Shop, Prem.
Architect —Grimes & Williams, 251 Post St., San Francisco.
Contractor—Mullen Manufacturing Co. 60 Rausch St., San Francisco.

Sub-Contracts Awarded.
OFFICES Cost, $10,000
SAN FRANCISCO. E Jones St. 250 N Turk Street.
One-story Class C office building.
Owner—S. C. and S. G. Buckbee.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor—H. S. Meinberger, 956 Folsom St., San Francisco.
Roofing—Alta Roofing Co., 976 Indiana Street.
Electric Wiring—Atlas Electric & Engineering Co., 956 Folsom St.
Heating & Sheet Metal—Atlas Heating & Ventilating Co., 557 4th St.
Tile and Terra Cotta—Gladding, McBean Co., 660 Market St.
Glass—W. P. Fuller & Co., 301 Mission Street.
Lathing and Plastering—Carl Wilkins, 221 Scott St.
Lumber—Beroni Lumber Co., Powell and Beach Streets.
Wood Sash—Acme Mfg. Co., Sixth and Channel Sts.
Structural Steel—Bethlehem Steel Co., 20th and Illinois Sts.
Concrete — Bay Concrete Co., 365 Ocean Avenue.
Flooring—Lilly & Crowley, 90 Townsend St.

Contract Awarded
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 285 Geary Street.
Alterations to store building.
Owner—Elinor's, Inc.
Architect—Not Given.
Contractor—Grant - Martinelli Const. Co., 44 Mary Street.

Bids Opened
MARKET Cost, $——
NAPA, Napa Co., Calif. Lincoln and Jefferson Streets.
New drive-in market.
Owner—Albert Gasser, Napa.
Architect—C. L. Hunt, Napa.
Low Bidder—E. Arnitz, 1122 2nd St., Napa.
Complete blds follow:

E. Arnitz, Napa	$9,265
C. G. Langum, Napa	9,778
H. Vienop, Napa	9,850
E. W. Doughty, Napa	9,940

Bids held under advisement.

Low Bidder
STORE Cost, $——
SAN ANSELMO, Marin Co., Calif.
One-story store building.
Owner—Mr. McKevitt.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Low-Bidder—DeLuca & Son, Inc., 1745 Filbert St., San Francisco.

Contracts Awarded.
ALTERATIONS Cost, $8000
SAN FRANCISCO. No. 310 Sansome Street.
Alterations to lobby of Alaska Commercial Building (new floor covering, elevator fronts and cabs, four bronze doors, lighting fixtures, painting, decorating, etc.)
Owner—Walton N. Moore.
Architect—Albert Roller, Crocker 1st National Bank Building.
Agents — Norris, Beggs & Bace, 544 Market Street.
Bronze — Keystone Metal & Plating Co., 310 Tehama St.
Marble—American Marble Co., South San Francisco.
Glass — Habenicht & Howlett, 529 Clay St.
Plastering—Peter Bradley, 639 Brannan Street.
Rubber Tile — Van Fleet Freear Co., 557 Howard St.
Lighting Fixtures—Boyd Lighting Fixture Co., 278 Post St.

Sub-Contracts Awarded
STORE Cost, $——
SACRAMENTO, Sacramento Co., Cal. 1009-15 Eleventh Street.
One - story and basement brick and concrete store building (60x80-ft.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Dept. of Owner
Structural Engineer—L. H. Nishkian, **525 Market St.**, San Francisco.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.
Excavation and Concrete—Carl Fiedler, 2631 30th St., Sacramento.
Lumber—Capitol Lumber Co., P. O. Box 1176, Sacramento.
Plumbing—L. U. Plummer, 1019 J St., Sacramento.
Electric—Luppen & Hawley, 3126 J St. Sacramento.
Plastering—Thos. Scollan, 2919 T St. Sacramento.
Glass—T. E. Cain, 2416 J St., Sacramento
Painting — Herbert Tattersfield, 1 3 2 Commonwealth Ave., San Francisco.

Contract Awarded.
STORE Cost, $5000
SAN JOSE, Santa Clara Co., Calif. No. 288 Post Street.
One-story store building.
Owner — Dominic Persico, Post and Locust Sts., San Jose.
Plans by W. D. Lotz, 1040 Benton St., San Jose.
Contractor—Martin Green & Co., 7 W. Santa Clara St., San Jose.

Contract Awarded.
ALTERATIONS Cost, $12,500
FRESNO, Fresno Co., Calif. No. 1034 Fulton Street.
Alterations to store building.
Owner — Federal Outfitting Co., 1110 Fulton St., Fresno.
Architect—Not Given.
Contractor — W. T. Harris, 577 McKinley St., Fresno.

Contract Awarded
OFFICE BLDG. Cost, $8,000
HEALDSBURG, Sonoma County, Cal. Matheson and East Streets.
One-story frame and brick office bldg.
Owner—Pacific T. & T. Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Monson Bros., 475 6th St., San Francisco.

Plans Being Prepared
ALTERATIONS Cost, $20,000
SACRAMENTO, Sacramento Co., Cal. NE Twelfth and K Streets.
Alterations to store bldg. (new terra cotta front, etc.) ten shops.
Owner—Mrs. Kate H. Remick and G. C. Bassett, Sacramento.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Bids will be asked in about 3 weeks.

Contract Awarded.
STORE & HOTEL Cost, $——
SANTA ROSA, Sonoma Co., Calif. Fourth and D Streets.
Three-story store building and hotel to replace structure recently destroyed by fire (200x200 feet); steel trusses, new type glass bricks and and chromium trimmings, elevators, etc.
Owner—Fred Rosenberg et al. Santa Rosa.
Architect—C. A. Caulkins Jr., Rosenberg Bldg., Santa Rosa.
Contract for stripping of gutted structure has been awarded to Karl **Petersen, Rh. 4, Box 341-A**, Santa Rosa.

PLANNED
BAKERSFIELD, Kern Co., Cal.—Wendell H. Fish and Nell H. Marsh, propose erecting a new store and office building at the corner of Nineteenth and Chester Aves., Bakersfield, to replace the building recently destroyed by fire. The building owned by the Fish estate was a two-story and basement structure, brick construction, containing seven stores on the ground floor and was occupied by the following firms: Hughes Drug Co., Frank Harrison, Gundach Shoe Store, Anderson Jewelry Store, Jensen Optical Co., United Barber Shop, Howard Nichols, Inc., Wadefield & Grigsby. Total cost of damage was estimated at $200,000. Damage to the building was estimated at $60,000

Preparing Plans
RAILWAY AND BUS DEPOT Cost, $500,000
SAN FRANCISCO. Fourth and Jessie Streets.
Two-story and basement railway and bus terminal to be erected after Argonaut Hotel building is razed.
Owner—Santa Fe Railway Co., 114 Sansome St., San Francisco.
Plans by Engineering Dept. of Owner. Property will be turned over to Santa Fe in about 60 days and new buildings will be started as soon as site can be cleared.

Sub-Contracts Awarded.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. NE Broadway and 17th Street.
Alterations to ground floor, basement & mezzanine floor of building (to house drug store, candy store, lunch fountain, barber and beauty shop, etc.)
Owner—Bay Properties, Inc
Plans by Engineering Dept. of Owner.
Mgr. of Constr.—Western Engineering & Constr. Co., 2510 Magnolia St., Oakland.
Plumbing—Scott Co., 113 10th Street. Oakland.
Electric Wiring — Fred Schmits, 428 Moss Ave., Oakland.
Sheet Metal—Scott Co., 113 10th St., Oakland
Tile Work—George J. Brown Co.
Lathing and Plastering — McAllister Company.
Lumber—Stroble Hardware Co.
Hardware—Sinnons Hardware Co.
Concrete—Walter Todd, 1827 41st Ave. Oakland.

Plans Being Figured.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 939 Market Street.
Owner—S. H. Kress & Company.
Plans by Engineering Dept. of Owner. Lindgren & Swinerton, Inc., 225 Bush St., are figuring the plans and desire sub-bids on all portions of the work.

Plans Being Figured—Bids Close June 9, 2 P. M.
ADDITION Cost, $——
SAN FRANCISCO. Mission St. near Fifth Street.
Interior remodeling of office building.
Owner—San Francisco Remedial Loan Assn., 932 Mission Street.
Architect—Kent & Hass, 525 Market.
Mechanical Engineer,—Hunter & Hudson, 41 Sutter Street.
Following will submit bids:
Lindgren & Swinerton, Inc., 225 Bush Street.
Peter Sartorio,: 666 Mission St.
H. H. Larsen, 64 South Park.
Chas. Stockholm, Russ Bldg.
Dinwiddie Const. Co., Crocker Bldg.
Ostlund & Johnson, 1901 Bryant St.

Plans Being Figured.
ALTERATIONS Cost, $——
SAN FRANCISCO No. 821 Market Street.
Alterations to offices in Pacific Bldg.
Owner—Home Owners Loan Association.
Plans by Engineering Dept. of Owntr. Lindgren & Swinerton, Inc., 225 Bush St., are figuring the plans and desire sub-bids on all portions of the work.

Sub-Contracts Awarded.
OFFICE Cost, $10,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
One-story reinforced concrete office building.
Owner—Morrill Ink Co. of California.
Architect—Not Given.
Contractor — Dinwiddie Construction Co., Crocker Bldg., San Francisco.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave.
Structural Steel—Western Iron Wks., 141 Beale St.
Plastering—Herman Bosch, 2075 Folson Street.
Masonry—Harry Drake, 666 Mission Street.

Sub-Contracts Awarded.
ALTERATIONS Cont. Price, $19,500
OAKLAND, Alameda Co., Cal. Fourth and Jackson Streets.
Additions to offices (steel frame and concrete joists, skylights, steel sash, glass, heating and electrical work, etc.)
Owner—Safeway Stores, Premises.
Consulting Structural Engineer—Jesse Rosenwald, 525 Market St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
(60 days for completion).
Reinforcing Steel—W. C. Hauck, 280 San Bruno Ave., San Francisco.
Roofing — General Roofing Co., 3985 Beach St., Oakland.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Plumbing and Heating—Scott Co., 113 Tenth St., Oakland.
Form Rental — Concrete Engineering Co., 1280 Indiana St., San Francisco.
Steel Sash—Detroit Steel Products Co. 111 Sutter St., San Francisco.
Tile Base — Superior Tile Co., 3743 Broadway, Oakland.
Metal Toilet Partitions—Dwan & Co., 126 Post St., San Francisco.
Plastering—P. H. Donnelly, 3957 Oakmore Road, Oakland.
Electric Wiring—Spott Elec. Co., 569 19th St., Oakland.
Sprinklers — Geo. M. Robinson, 451 Folsom St., San Francisco.

17— THEATRES

Plans To Be Revised.
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. K St., between Fifth and Sixth.
Alterations to Capital Theatre (work involves decorating, new wiring, plastering, hot air heating system, air conditioning system, etc.)
Owner—T. and D. Theatres and Fox West Coast Theatres, 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Contract Awarded
OPERA CHAIRS Cost, $——
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Opera chairs for Stanford Memorial Hall.
Owner—Stanford University.
Architect—Bakewell and Weihe, 2 5 1 Kearny St., San Francisco.
Contractor—Heywood - Wakefield Co. 180 New Montgomery Street, San Francisco.

Plans Being Completed.
ALTERATIONS Cost, $9500
SAN FRANCISCO, Richmond District.
Alterations to theatre building.

Owner—Withheld.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Bids will be asked in about 1 week.

Plans Being Completed.
THEATRE Cost, $100,000
WOODLAND, Yolo Co., Calif. North Main and College Streets.
Reinforced concrete theatre building (to seat 600).
Owner—National Theatre Syndicate, 25 Taylor St., San Francisco.
Architect—S. Chas. Lee, 25 Taylor St. San Francisco, and 2404 W. 7th St., Los Angeles.

Glass Contract Awarded
THEATRE Cost, $80,000
ALAMEDA, Alameda Co., Cal. Central and Park Avenues.
One-story reinforced concrete Class C theatre (to seat 1000).
Owner—A. E. Levin, George Oppen, et al, 745 Clement St., San Francisco.
Architect—S. Chas. Lee, 2404 W 7th St., Los Angeles.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Other awards previously reported.

Construction To Start Within Few Days.
THEATRE Cost, $70,000
SAN FRANCISCO. Chestnut St. near Scott Street.
One-story steel and concrete theatre (to seat 900) modern style.
Owner—Sbarboro & Detjen.
Architect—John Ahndn, 822 39th Ave., San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market Strett.
Contractor—Cahill Bros, 206 Sansome Street.

18— WHARVES & DOCKS

BID OPENING INDEFINITELY POSTPONED

BALBOA, Canal Zone. — Bureau of Yards & Docks, Navy Department, Washington, D. C., has indefinitely postpored date for receiving bids under Spec. No. 7820, for construction of a reinforced concrete wharf, bituminous macadam road and water and electrical services at the Naval Ammunition Depot, Balhoa, C. Z. An addendum calling for alternative bid items will be issued later and a new date set for opening of bids. Estimated cost, $450,000.

Bids were to have been opened June 10, 11 A. M.

BIDS WANTED

SAN RAFAEL, Marin Co., Cal.—Until June 22, 8 P. M., bids will be received by San Rafael City Council for development of the San Rafael yacht Harbor. Work involves construction of 11 new berths for yachts, dredging northedly bank of canal, etc. Estimated cost $3000.

Plans and specifications may be obtained from the City Engineer, City Hall, San Rafael.

19—MISC. CONSTRUCTION

NOTICE TO BIDDERS

PEARL HARBOR, T. H.—Bids for constructing a steel floating dry dock, 1016 feet long and 165 ft. beam for the Navy Yard, Pearl Harbor, will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., at a time and date to be announced later. Spec. No. 8228.

Circulars for the information of bidders, plans and specifications and other data relating to the project and forms of proposal and contract will be issued by the Bureau of Yards and Docks, Navy Department.

A deposit of $1000 in certified check payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of plans and specifications and other bidder's data. Norman M. Smith, Chief of Bureau.

Sub-Contracts Awarded.
ORPHANAGE Cost, $65,000
SAN FRANCISCO. SE Geary and Laguna Streetts.
Three-story frame and stucco orphanage.
Owner—Salvation Army, 115 Valencia St. (Japanese Division).
Architect—D. D. Stone, 110 Sutter St. San Francisco.
Structural Engineer—F. W. Kellberg, 320 Market Street.
Contractor — Lindgren & Swinerton, 225 Bush Street.
Glass—W. P. Fuller & Co., 301 Mission Street.
Stairs—E. D. Philbrick Co., 41 Sheridan Street.
Miscellaneous and Ornamental Iron—Federal Ornamental Iron Works, 16th St. and San Bruno Ave.
Tile — American Art Tile Co., 231 Franklin Street.
Composition and Tile Roof — J. W. Bender Roofing & Paving Co., 18th and Bryant Sts.
Painting—Raphael Co., 270 Tehama Street.
Hot Water Generator and Storage System—Scott Co., 243 Minna St.
Sheet Metal—Morrison & Co., 74 Duboce Avenue.

BIDS WANTED

SAN MATEO, Cal.—Until June 15, bids will be received by John H. Kelley, Custodian, U. S. Post Office, San Mateo, for furnishing bicycle racks at the Post Office, San Mateo.

BIDS OPENED

SAN FRANCISCO.—Railway Equipment & Realty Co., Ltd., 2129 Grove St., Oakland, at $175 per month submitted low bid to the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, under Proposal No. ER-868-36-19, for the lease of one Diesel powered motor launch for use in transporting approximately 60 men and stores, etc., to the trip, operating from Pier 3½ to Yerba Buena Shoals and Yerba Buena Island.

The other bids were:
Milton A. Purdy.....$525.00
Petersen's Water Taxi..... 550.00
Bids held under advisement.

PLANNED

LOS ANGELES, Calif.—Technicolor Motion Picture Co., 823 Seward St., proposes the erection of a new laboratory and production plant building at the studio site. Construction will be Class A, reinforced concrete and steel. Cost, $1,500,000.

CONTRACT AWARDED

SAN FRANCISCO—Bethlehem Shipbuilding Corp., Ltd., 20th and Illinois Sts., San Francisco, at $647,000, completion in 248 days, awarded contract by the U. S. Engineer Office, South Pacific Division, Custom House, under Proposal No. 868-36-22 for constructing and delivering afloat at San Francisco, one steel, twin screw , twin rudder hopper dredge with direct Diesel propulsion engine, hydraulic couplings and reduction gears, having 400-hp. on each shaft. The dredge will be 180 feet overall in length with a 38-ft. beam and 14-ft. depth, with a hopper capacity of 300- and 500- cu. yds.

Pumping equipment will consist of a 340-hp. motor-driven pump, power being supplied by a 275-kwa. Diesel driven d.c. generator. Auxiliaries will be electrically driven, power for these being furnished by two 75-kw., d.c. Diesel-driven generating sets.

The dredge is to operate mainly in bar harbors along the Pacific Coast and will carry a crew of 37 men.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 795-D, for furnishing steel cable racks and supports for the Boulder Power Plant, Boulder Canyon Project:

Worden Allen Co., Milwaukee: $1,150; fob Milwaukee; ½% discount.

California Steel Products Co., San Francisco: $1,799; fob San Francisco; net.

Nashville Bridge Co., Nashville: $1,550; fob Bessemer, Ala.; net.

H. S. Hitchock - Apex Steel Corp., Los Angeles: $1,898; fob Los Angeles; net.

Midwest Steel & Iron Works, Denver: $2,372; fob Boulder City; ½% discount.

John W. Beam, Denver: $1,675; fob Peotone, Ill.; ½% discount.

Wisconsin Bridge & Iron Co.: Milwaukee: $1,995; fob Milwaukee; net.

Consolidated Steel Corp., Ltd., Los Angeles: $2,218; fob Los Angeles; net.

Lakeside Bridge & Steel Co., Milwaukee: $2,075; fob Milwaukee; ½% discount.

Dean Const. Co., Minneapolis: $2,195; fob Minneapolis; net.

Pennsylvania Iron & Steel Co., Los Angeles: $2,350; fob Los Angeles; net.

Kohl & Vick Iron Works, Chicago: $2,395; fob Chicago; net.

Bids held under advisement.

BIDS OPENED

OAKLAND, Calif.—Grinnell Co. of the Pacific, 5th and Brannan Sts., San Francisco, at $6,421.94 (lump sum bid) submitted low bid to the East Bay Municipal Utility District, Oakland, under Spec. No. L. S. 174, for furnishing 2355 cast iron pipe fittings, 4-in. to 12-in.

Complete bids follow:

Grinnell Co. of the Pacific: (1) $1,311.79; (2) $1895.97; (3) $1606.60; (4) $1875.15; total, $6,689.53; lump sum, $6,421.94.

Vernon Foundry Co.: (1) $1480.93; (2) $2089.20; (3) $1829.80; (4) $2127.55; total, $7,527.48.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Mueller Co., 1072 Howard St., San Francisco, at $6,220 submitted low bid to the East Bay Municipal Utility District, Oakland, under Spec. No. L. S. 172, for furnishing 50,000 l.f. ¾-in. seamless copper tubing.

Other bids were identical at $6,910 and submitted by: Oakland Plumbing & Supply Co., Grinnell Co. of the Pacific, American Radiator Co., Crane Co., Moran Plumbing Supply Co., Tay Holbrook Co., Ducommun Metals Corporation, Walworth - California Co., Richmond Sanitary Co., C. W. Marwedel, and the Utilities Supply Co.

Bids held under advisement.

CONTRACT AWARDED

OAKLAND, Cal.—Bunker, Hill and Sullivan Mining & Concentrating Co., Crocker Bldg., San Francisco, at $4,700 awarded contract by the East Bay Municipal Utility District, Oakland, under Proposal No. 745, for furnishing 50 tons of pig lead in 100-lb. bars.

Federated Metals Corp. submitted an identical bid.

BIDS OPENED

OAKLAND, Cal.—Rensselaer Valve Co., 55 New Montgomery Street, San Francisco, at $5,983 (lump sum bid) submitted low bid to the East Bay Municipal Utility District, Oakland, under Spec. No. L. S. 173, for furnishing 450 gate valves, as follows:

(1) 50 4-inch;
(2) 350 6-inch;
(3) 50 8-inch.

Complete bids follow:

Rensselaer Valve Co.: (1) $613.50; (2) $7,507.50; (3) $1,657.50; total, $9,808; lump sum, $5,983.

Pacific States Cast Iron Pipe Co.: (1) $643.50; (2) $7,507.50; (3) $1,657.50; total, $9808; lump sum, $6539.

Iowa Valve Co.: (1) $643.50; (2) $7,507.50; (3) $1657.50; total, $9808; no lump sum price.

Kennedy Valve Mfg. Co.: (1) $643.50; (2) $7507.50; (3) $1657.50; total, $9808; lump sum, $6462.50.

A. P. Smith Mfg. Co.: (1) $570; (2) $6650; (3) $1475; total, $8695; lump sum, $8695.

Crane Co.: (1) $565; (2) $6597.50; (3) $1445; total, $8670.50; lump sum, $8670.50.

Rich Mfg. Co., Los Angeles: (1) $448.50; (2) $5372.50; (3) $1275.50; total, $7096.50; lump sum, $6741.67.

Mueller Co.: (1) $759; (2) $8855; (3) $1955; total, $11,569; lump sum, $8,567.75.

Bids held under advisement.

BIDS WANTED

SALT RIVER PROJ. Arizona—Until June 18, 10 A. M., bids will be received by the Bureau of Reclamation, Producers' Bldg., Phoenix, E. C. Koppner, Construction Engineer, under Spec. No. 801-D, for the construction of a service road to the Bartlett dam site, Salt River Project.

The work is located about 52 miles northeast of Phoenix and the principal items of work involved are:

(1) 17,800 c.y. all classes of excavation for road;
(2) 150 c.y. all classes of excavation for culverts;
(3) 110 c.y. backfill;
(4) Laying 360 l.f. 24-in. dia. CMP.

Work shall be commenced within 10 calendar days and completed within 90 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Phoenix or Denver, Colorado, without charge to prospective bidders; to others $0.75 not returnable.

CONTRACT AWARDED

SANTA BARBARA, Cal.—Contracts for furnishing electric driven pumps for the filtration plant and the Sheffield Reservoir were awarded (subject to PWA approval) by the Santa Barbara city council as follows:

Peerless Pump Co., 2 turbine pumps, $497.

Worthington Co., backwash pumps at $915; pumps for Clearwater, $164.45.

All bids for furnishing pumps for El Cielito were rejected.

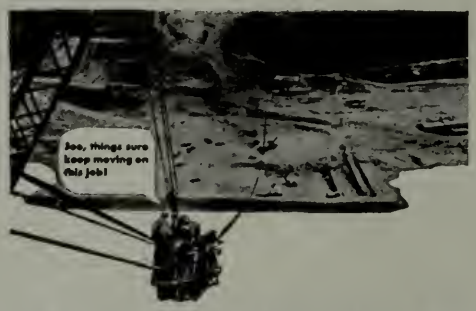
CHALMER MUNDAY

Attorney-at-Law — Notary Public

Bankruptcy, Mechanics' Liens

Builders' Contracts

405 Montgomery St. San Francisco



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ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS OPENED

LOS ANGELES, Cal—Bids for furnishing 500,000 lbs. fabricated steel and all other metal work incidental to the steel frame work in the superstructure for the Inglewood Blvd. bridge f.o.b. destination, one block north of Jefferson Blvd. on Inglewood Blvd. under Circ. Prop. No. 664, were opened by the U. S. Engineer, May 27. The bids were:

Ingalls Iron Works, San Francisco. $97.75 ton; delivery, 105 days; alternate bid, $99.85 ton; delivery, 60 days; this was a **telegraphic** bid.

Wisconsin Bridge & Iron Works, $5.10 cwt.; total, $25,500.

Bethlehem Steel Co., $5.14 cwt; total $25,700.

Consolidated Steel Corp., $5.35 cwt.; total, $26,750.

Minneapolis-Moline Power Implement Co., $5.39 cwt.; total, $26,950.

COMPLETE BID LISTING

SAN BERNARDINO COUNTY, Cal.—John Oberg, 3470 E. 8th St., Los Angeles, at $20,736, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for construction of an overhead crossing over the tracks of the A. T. & S. F. railway at Palm Ave., about 3 miles south of Colton, San Bernardino County, and grading and paving the approaches with plant-mixed surfacing.

The work involves:

(1) 30 M. gals. water;
(2) 250 c.y. structure excavation;
(3) 3,200 c.y. rdwy. excavation;
(4) 6 stations finishing roadway;
(5) 280 tons crusher run base;
(6) 167 tons mineral aggregate (plant mixed surfacing);
(7) 9 tons liquid asphalt, MC-5 or MC-extra heavy (plant - mixed surfacing);
(8) 1 ton liquid asphalt ,SC-2 (prime coat);
(9) 1 ton liquid asphalt, MC-3 (seal coat);
(10) 8 tons of stone screenings (seal coat);
(11) 495 c.y. Class "A" Portland cement concrete (structure);
(12) 93,000 lbs. bar reinf. steel;
(13) 322 l.f. steel railing;
(14) 484 l.f. laminated guard railing;
(15) 1 only existing siphon to be removed and reset;
(16) 1 only existing bridge to be removed and disposed of;
(17) 710 s.y. existing asphalt pavement to be removed & disposed of;
(18) 95 c.y. existing concrete structure to be removed and disposed of;
(19) 1 lot misc. items of work.

Total bids follow:

(A) John Oberg, Los Angeles, $20,736.
(B) Robert D. Patterson, Santa Barbara, $22,745.90

	(A)	(B)
(1)	$ 5.00	$ 1.50
(2)	2.50	1.07
(3)	.50	.33
(4)	10.00	5.00
(5)	3.00	3.25
(6)	3.00	3.00
(7)	20.00	17.00
(8)	20.00	50.00
(9)	20.00	57.50
(10)	3.00	2.50
(11)	18.00	21.00
(12)	.046	.045
(13)	7.00	6.25
(14)	1.00	1.16
(15)	50.00	200.00
(16)	200.00	250.00
(17)	.50	1.60
(18)	3.00	2.50
(19)	300.00	550.00

CONTRACT AWARDED

MARICOPA COUNTY, Ariz.—Phoenix-Tempe Stone Co., Phoenix, at $83-615.30 awarded contract by the Arizona State Highway Commission, Phoenix, for the construction of a reinforced concrete underpass and approaches in the town of Wickenburg.

BIDS REJECTED

SAN FRANCISCO.—Department of Public Works, City Hall, has rejected all bids received under Spec. No. 18,-825 for removal of the floor deck and walk on the east cantiliver roadway of the Third St. bridge over Islais Creek Waterway.

Low bid was submitted by M. B. McGowan, Inc., 74 New Montgomery St., at $5,723.

BIDS WANTED

TUOLUMNE COUNTY, Cal.—Until June 23, 2 P. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Cneter, San Francisco, for constructing a bridge across the South Fork of Tuolmune River and approaches on Section A1. Route 4, the Tioga Road. Yosemite National Park.

The work involves:

(1) 1516 cu. yds. unclassified excavation;
(2) 375 cu. yds. unslassified excav. for structures;
(3) 570 cu. yds. masonry;
(4) 73 cu. yds. concrete;
(5) 12,500 lbs. reinforcing steel;
(6) 64,000 lbs. structural steel;
(7) 135 lin. ft. steel handrail.

Specifications available from above office on deposit of $10.

BIDS WANTED

KERN COUNTY, Cal.—Until June 24, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for construction of a reinforced concrete bridge across north fork of the Kern River about 0.7 mile north of Isabella, consisting of two 47-ft. 10-in. and three 60-ft. spans on concrete piers, and grading and treating with liquid asphalt approximately 0.35 mile of roadway in Kern County.

The work involves:

(1) 1 lot clearing and grubbing;
(2) 420 M. gals. water;
(3) 8,000 c.y. rdwy. excav., unclass.;
(4) 750 c.y. struc. excav.;
(5) 200 cy. ditch and channel excav.;
(6) 1,000 c.y. imported borrow;
(7) 15,000 sta. yds. overhaul;
(8) 19 sta. finishing rdwy.;
(9) 6,000 sq. yds. preparing, mixing, and shaping roadbed, ditches, & dikes (road-mix surf. treat.);
(10) 75 tons liquid asphalt SC-2 (road mix surf. treatment);
(11) 12 tons liquid asph. SC-2 (prime coat);
(12) 150,000 lbs. bar reinf. steel;
(13) 630 c.y. Class A Portland cement concrete (struc.);
(14) 175 c.y. do (footing blocks);
(15) 4.5 MFBM Redwood timber dense select, all-heart, struc. grade;
(16) 72 l.f. 18-in. CMP;
(17) 34 l.f. 8-in. CMP;
(18) 100 c.y. Clas A Portland cement concrete (slope paving);
(19) 46 each guide posts;
(20) 2 each culvert markers;
(21) 0.3 mile new property fence;
(22) 4 each drive gates;
(23) 16 each monuments;
(24) 2 each spillway assemblies;
(25) 1 only existing bridge to be removed and disposed of;
(26) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Bishop.

BIDS OPENED

SAN FRANCISCO.—Harry A. Cohen at $60 submitted low bid to the Department of Public Works, City Hall, for repair of gusset plates and concrete shoulders on the Third Street bridge over Islais Creek Waterway.

Complete bids follow:

Harry A. Cohen	$ 60.00
M. J. Lynch	83.00
MacDonald & Kahn Co., Ltd.	98.00
Louis C. Dunn	100.00
Barrett & Hilp	139.00

Bids held under advisement.

22—DREDGING, HARBOR WORKS, EXCAVATION

BOND ELECTION

EUREKA, Humboldt Co., Cal.—A special election will be held in Eureka, June 22, to authorize a bond issue of $40,000 for the construction of a new sewer system on Washington St. from Broadway to the Government bulkhead.

The city will apply to the PWA for 45% grant ($18,000) of the total estimated cost.

23—IRRIGATION PROJ.

CONTRACT AWARDED

SANTA BARBARA, Calif. — Lacy Mfg. Co., Washington Bldg., Los Angeles, at $1699 awarded contract by the Santa Barbara city council (subject to approval by PWA) for furnishing 12 steel underdrain manifolds and five welded steel wall nipples for the filtration plant and Sheffield Reservoir.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

24— STREET LIGHTING SYSTEMS

BIDS WANTED

OAKLAND, Cal.—Until June 9, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing lighting standards for the Department of Electricity.

Specifications obtainable from above office.

BIDS REJECTED

PRESIDIO OF SAN FRANCISCO. - All bids received by Captain S. W. Hulse, Constructing Quartermaster, Fort Mason, for installation of a flood lighting system at Crissy Field, Presidio of San Francisco, have been rejected.

Low bid was submitted by H. S. Tittle Co., 85 Columbia Square, at $1,-191.

BIDS WANTED

HAMILTON FIELD, Marin Co., Cal. —Until June 12, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-36-35, for installing a night lighting system at Hamilton Field, Marin County.

Plans and specifications obtainable from the above office upon deposit of $5.00.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

CASPER, Wyoming—Following bids received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 678, for furnishing and delivering two 96-in. diam. ring-follower gates for installation in the gate chamber of the outlet work at the Alcova Dam. Casper-Alcova Project, Wyoming:

Joshua Hendy Iron Works, San Francisco, $46,930, f.o.b. Sunnyvale; net.

Steacy-Schmidt Mfg. Co., York, Pa., $36,000; f.o.b. York; net.

Bartleett Haywardd Co., Baltimore, Md., $37,000, f.o.b. Baltimore; ½% discount.

Rosedale Foundry & Machine Co., Pittsburgh, Pa., $50,450, f.o.b. Pittsburgh; net.

Hardie Tynes Mfg. Co., Birmingham, Ala., $37,819; f.o.b. Birmingham; net.

Bids held under advisement.

BID OPENED

OAKLAND, Cal.—Following bids received by the Oakland Port Commission for furnishing 60 4-wheel dock trucks:

Cochran & Celli, $4632.60.
Western Iron & Body Works, $3465.
Industrial Equipment Co., $3800.
Superior Grinding & Motor Co., $2760.
Lansing Co. of Delaware, $2865.
Straub Mfg. Co., $4500.
Pioneer Welding Co., $3510.
Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Following bids received by the Oakland Port Commission, for furnishing one dock lift truck, 3-ton capacity:

Clark Trucktractor Co.	$2551
Baker Hauling Co.	2450.00
Ira G. Perrin	2554.35

Bids held under advisement.

BIDS OPENED

CLE ELUM, Wash.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 792,-D, for furnishing five 37x17-foot radial gates for installation in the spillway at the Cle Elum Dam, Yakima Proj., Washington:

Bartlett - Hayward Co., Baltimore, Md.: $10,200; fob Baltimore; ½% discount.

Commercial Boiler Works, Seattle: $12,871; fob Seattle; net.

Valley Iron Works, Yakima: $10,800; fob Yakima; 5% discount.

S. Morgan Smith Co., York, Pa.: $16,846; fob York; net.

John W. Beam, Denver, Colo.: $13,-165; fob Peotone, Ill.; ½% disconut.

Lakeside Bridge & Steel Co., Milwaukee, Wis.: $11,462; fob Milwaukee; ½% discount.

Wisconsin Bridge & Iron Co., Milwaukee: $13,675; fob Milwaukee, net.

Pacific Car & Foundry Co., Seattle: $15,878; fob Renton, Wash.; net.

Pacific Coast Engr. Co., Oakland: $13,390; fob Oakland; ½% discount.

Milwaukee Bridge Co,, Milwaukee: $11,621; fob Milwaukee; net.

Phillips & Davies, Inc., Kenton, O.: $12,500; fob Kenton; 1% discount.

Omaha Steel Works, Omaha: $15,-220; fob Omaha; ½% discount.

Bravo Contr. Co., Pittsburgh, Pa.: $14,750; fob Cle Elum; net.

Beall Pipe & Tank Corp., Portland, Ore.: $15,285; fob Portland; ½% discount.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Following bids received by the Oakland Port Commission for furnishing two dock tractors, industrial type:

Clark Trucktractor Co.	$2123.74
Truscon Iron Works	1830.00
J. I. Case Co.	2408.12
Superior Grinding & Motor	1745.00

Bids held under advisement.

BIDS OPENED

OAKLAND, Calif.—Edward Barron Estate Co., Russ Bldg., San Francisco at $3,500 submitted low bid to Oakland Port Commission for furnishing one used 15-ton locomotive crane.

The other bids were:

City Coal Company	$5,000
Industrial Equipment Co.	5,150

Bids held under advisement.

BIDS OPENED

SAN MATEO and Santa Cruz Cos., Cal.—J. P. Breen, P. O. Box 183, Sacramento, at $5.25 per hour submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one 60-h.p. tractor, equipped with bulldozer, for approximately 500 hours, for use in San Mateo and Santa Cruz Counties.

Complete bids follow:

J. P. Breen, Sacramento	$5.25
W. E. Karsted, San Jose	5.35
Albert Helwig, Sebastopol	5.50
C. Mankel, Sacramento	5.91
H. F. Harlan, S. F.	6.00
Chas. L. Harney, S. F.	6.00
A. Kresti Co., Oakland	6.25
Bay Equip. Co., S. F.	6.49
O. O. Davis, Oakland	6.875

Bids held under advisement.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

MONTEREY COUNTY, Cal.—Granite Const. Co., Ltd., Bin No. 9, Watsonville, at $3,829.60 awarded contract by the State Highway Commission at Sacramento, for applying seal coat to existing roadbed on about five miles in Monterey County between San Lucas and King City.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until June 16, 2 P. M., bids will be received by the Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for furnishing and applying liquid asphalt on about 9.2 miles in San Diego County, bet. 6.5 miles east of Rincon and 1 mile west of Henshaw Dam.

The work requires 390 tons of liquid asphalt, SC-2, in place.

Plans and specifications obtainable from the above office.

BIDS WANTED

VENTURA COUNTY, Cal. — Until June 25, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 1.5 miles grading and bituminous treating by the road-mix method on the roads within the Camarillo State Hospital grounds in Ventura County.

The work involves:

(1) 79 sta. clear and grub right-of-way;
(2) 320 M. gals. water;
(3) 19,000 cu. yds. rdwy. excav. unclass.;
(4) 800 cu. ydsfl struc. excov.;
(5) 210 cu. ydsfl ditch excav.;
(6) 3200 cu. yds. imported borrow;
(7) 590 tons crusher waste;
(8) 61,000 sta. yds. overhaul;
(9) 650 sq. yds. subgrade for pave.;
(10) 79 sta. finishing roadway;
(11) 19,500 sq. yds. preparing, mixing and shaping roadway;
(12) 20 tons liq. asphalt SC-2 (prime coat);
(13) 155 tons liq. asphalt SC-2 (road-mix surf. treatment);
(14) 20 tons liq. asphalt 90-95 (seal coat);
(15) 240 tons screenings (seal coat);
(16) 70 cu. yds. Class A Portland cement concrete (pave.);
(17) 2200 lbs. bar reinf. steel (strucs.);
(18) 610 sq. yds. mech reinf. (pave.);
(19) 31 cu. yds. Class A Portland cement concrete (strucs.);
(20) 300 lin. ft. 18-in. CMP;
(21) 70 lin. ft. 24-in. CMP;
(22) 80 lin. ft. 36-in. CMP;
(23) 310 lin. ft. 75-in. multiplate pipe (412-18);
(24) 100 lin. ft. 14-in. O.D. steel pipe;
(25) 0.7 mile move and reset fence.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

TO ASK BIDS

NYE COUNTY, Nevada — District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco, has approved Nevada State Highway project for asphalt road-mix surfacing 15.72 miles in Nye County, portion of Route 4, Section A1, bet. Tonopah and West Forest Boundary. Bids will be asked shortly by State Highway Engineer R. A. Allen.

The work involves:

(1) 1122 tons asphalt road material (Type SC-2);
(2) 95 tons asphalt road material (Type MC-2);
(3) 15.72 miles road-mix surfacing;
(4) 15.72 miles finishing roadway;
(5) 164 culvert markers.

BIDS WANTED

KINGS COUNTY, Cal.—Until June 16, 10 A. M., as previously reported, bids will be received by the Division of Highways, R. M. Gillis, District Engineer, State Highway Bldg., Fresno, for about 5.8 miles of armor coat surfacing and applying road-mix surface treatment to shoulders in Kings County, between westerly boundary and Kings River slough.

The work involves:

(1) 110 tons liquid asphalt, 90-95;
(2) 2200 tons screenings;
(3) 83 tons liquid asphalt, SC-2;
(4) 27,500 sq. yds. preparing, mixing and shaping shoulders.

Plans and specifications obtainable from the above office.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until June 25, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to existing roadbed on about 21 miles in San Bernardino County, between National Forest boundary and Victorville.

The work involves:
(1) 1275 tons liquid asphalt, SC-4;
(2) 247,000 sq. yds. preparing, mixing and shaping roadbed.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box, 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

BIDS WANTED

HUMBOLDT AND TRINITY COS., Cal.—Until June 24, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.7 mile grading and removing existing timber bridges in Humboldt and Trinity Counties, between 3.15 miles and 5.25 miles east of Blue Lake and at Gray Creek.

The work involves:
(1) 3.5 acres clear and grub right-of-way;
(2) 27,800 cu. yds. rdwy. excavation unclass.;
(3) 4800 sta. yds. overhaul;
(4) 300 cu. yds. imported borrow;
(5) 470 cu. yds. struc. excav.;
(6) 36 sta. finishing roadway;
(7) 272 lin. ft. 24-in. CMP;
(8) 234 lin. ft. 30-in. CMP;
(9) 246 lin. ft. 36-in. CMP;
(10) 96 lin. ft. exist. CMP to be cleaned and relaid.

NOTE: The State will furinish CMP as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka. *

BIDS WANTED

YUBA AND NEVADA COUNTIES, Cal.—Until June 24, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.7 miles grading and surfacing with crusher run base and a seal coat applied, in Yuba and Nevada Counties, between Parks Bridge and ¼ mile east of the Nevada County line.

The work involves:
(1) 23 acres clear & grub right-if-way;
(2) 4000 M. gals. water;
(3) 166,000 cu. yds. rdwy. excavation unclass.;
(4) 2600 cu. yds. struc. excav.;
(5) 1900 cu. yds. ditch and channel excav.;
(6) 582,000 sta. yds. overhaul;
(7) 197 sta. finishing roadway;
(8) 190 cu. yds. salvaged surface;
(9) 16,000 tons crusher run base;
(10) 70 tons liq. asphalt SC-2;
(11) 20 tons sand;
(12) 55 tons liq. asphalt 90-95;
(13) 640 tons screenings;
(14) 30,000 lbs. bar reinf. steel;
(15) 380 cu. yds. Class A Portland cement concrete (strucs.);
(16) 470 lin. ft. 8-in. CMP;
(17) 90 lin. ft. 12-in. CMP;
(18) 1650 lin. ft. 18-in. CMP;
(19) 150 lin. ft. 24-in. CMP;
(20) 450 lin. ft. 36-in. CMP;
(21) 2 each move & reset headwallst;
(22) 4 each spillway assemblies;
(23) 1000 lin. ft. laminated guard rail
(24) 80 each culvert markers;
(25) 30 each gulde posts;
(26) 6.8 miles new property fence;
(27) 23 each drive gates;
(28) 1 each walk gate;
(29) 0.3 mile move and reset property fences;
(30) 1.3 mile remove and dispose of property fences;
(31) 72 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Marysville. *

BIDS WANTED

MONO COUNTY, Calif.—Until June 24, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.8 mile grading in Mono County between 1.3 and 2.2 miles north of the east entrance to Yosemite National Park.

The work involves:
(1) 8.6 acres clear and grub right of way;
(2) 10,530 c.y. rdwy. excav., unclass.;
(3) 435 c.y. struc. excav.;
(4) 2,500 c.y. imported borrow;
(5) 21,000 sta. yds. overhaul,
(6) 43 sta. finishing rdwy.;
(7) 270 l.f. 24-in. CMP;
(8) 32 l.f. 158.9x47.2-in. in multi-place C M arch;
(9) 83 c.y. rubble masonry;
(10) Removing and disposing of existing timber bridge;
(11) 24 each monuments complete, in place.

NOTE: The State will furnish CMP as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Bishop. *

BIDS WANTED

KINGS COUNTY, Calif.—Until June 24, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for constructing borders of crusher run base, surfacing the roadbed with plant-mixed surfacing, and applying road-mix surface treatment to shoulders on about 7.1 miles in Kings County between Route 10 and Hub, and between Corcoran and one mile east.

The work involves:
(1) 2,400 tons crusher run base (borders);
(2) 8 tons liquid asph. SC-2 seal coat (borders);
(3) 33,000 sq. yds. asph. paint binder;
(4) 120 tons liquid asphalt MC-5 (plant mixed surf.);
(5) 2,800 tons mineral aggregate (do);
(6) 152 tons liquid asph. SC-2 (shoulders);
(7) 25,000 sq. yds. reparing, mixing, and shaping shoulders.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno. *

CONTRACT AWARDED

MENDOCINO COUNTY, Cal.—Guerin Bros., 2145 20th Ave., San Francisco, at $12,999.60 awarded contract by the State Highway Commission, Sacramento, for about 0.8 mile grading and removing timber bridges in Mendocino County between Navarro River and Williams Creek.

BIDS WANTED

ALAMEDA CO., Calif.—Until June 24, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.4 miles grading and paving with asphalt concrete and Portland cement concrete in Alameda County between 34th St. and 7 St., Oakland.

The work involves:
(1) 32,000 c.y. rdwy. excav., unclass.;
(2) 22,000 mile yards haul;
(3) 750 c.y. salvaged base material;
(4) 28,000 tons imported do;
(5) 42 sta. finishing roadway;
(6) 1,500 tons crusher run base;
(7) 13 tons liquid asphalt SC-1A;
(8) 7 tons liquid asphalt, SC-2;
(9) 40 tons stone screenings;
(10) 54,000 sq. yds. asph. paint binder
(11) 18,300 tons asphalt concrete;
(12) 15,400 lbs. bar reinf. steel (pave and struc.);
(13) 2,500 each pavement dowels;
(14) 1,100 c.y. Class A Portland cement concrete (pave.);
(15) 3 c.y. Class A Portland cement concrete (struc.);
(16) 100 l.f. 12-in. CMP;
(17) 150 l.f. 18-in. CMP siphon;
(18) 340 l.f. 6-in. vit. clay pipe;
(19) 1,000 l.f. 10-in. vit. clay pipe;
(20) 250 c.y. Class A Portland cement concrete (curbs and sidewalks);
(21) 360 l.r. Redwood curbs;
(22) 26 each catchbasins;
(23) 1 only storm water inlet;
(24) 2 each manholes;
(25) 2 each lampholes;
(26) 15 each adjusting existing manholes and lampholes to grade.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

SUTTER CO., Calif.—Until June 24, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.7 miles grading and surfacing with crusher run base and road-mix surfacing in Sutter Co. between Knights Landing and Robbins.

The work involves:
(1) 820 M. gals. water;
(2) 10,200 c.y. rdwy. excav., unclass.;
(3) 1,000 c.y. struc. excav.;
(4) 32,800 c.y. imported borrow;
(5) 35,300 sta yds. overhaul;
(6) 69 c.y. existing concrete to be removed and disposed of;
(7) 36,500 sq. yds. subgrade & shoulder blending;
(8) 49 sta. shoulder blending (Sta 156 plus 50 to Sta. 202 plus 00);
(9) 196 sta. finishing rdwy.;
(10) 9,500 tons crusher-run base;
(11) 3,940 tons mineral agg. (road-mix surf.);
(12) 195 tons liquid asphalt ROMC-3, -4 or -5 (road-mix surf.);
(13) 45 tons liquid asph. SC-2 (prime coat);
(14) 9 tons sand (prime coat);
(15) 22.7 tons liquid asph. 90-95 (armor coat);
(16) 645 tons broken stone (do);
(17) 1,050 sq. yds. asph. paint binder;
(18) 73 c.y. Class A Portland cement concrete (struc.);
(19) 5,700 lbs. bar reinf. steel;
(20) 46 l.f. 12-in. CMP;
(21) 224 l.f. 18-in. CMP;
(22) 176 l.f. 18-in. CMP (close riveted and soldered);
(23) 22 l.f. 30-in. CMP;
(24) 46 l.f. 36-in. CMP;
(25) 320 l.f. existing culvert pipe to be removed and salvaged;
(26) 8 each culvert markers;
(27) 0.2 mile new property fence;
(28) 0.65 mile exist. fence to be moved and reset;
(29) 3 each drive gates;
(30) 33 each monuments complete, in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until June 25, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 1.1 mile existing roadbed widen-

ing and widening strips of plant-mixed surface (medium curing type) and Portland cement concrete to be placed, in Los Angeles County, between Patata St. and Florence Ave.

The work involves:

(1) 57 sta. clear & grub right-of-way;
(2) 160 M. gals. water;
(3) 6500 cu. yds. rdwy. excavation unclass.;
(4) 25 cu. yds. struc. excav.;
(5) 57 sta. finishing roadway;
(6) 910 tons mineral aggregate (plant-mixed surf.);
(7) 9 tons liq. asphalt MC-2 (prime coat);
(8) 50 tons liq. asphalt MC-5 or MC extra heavy (plant-mixed surf.)
(9) 9350 sq. yds. preparing, mixing and shaping shoulders;
(10) 10 tons liq. asphalt SC-2 (prime coat);
(11) 115 tons liq. asphalt SC-2 (shoulders);
(12) 900 lbs. bar reinf. steel (pave and strucs.);
(13) 7 cu. yds. Class A Portland cement concrete (strucs.);
(14) 1900 cu. yds. Class A Portland cement concrete (curbs, gutters, sidewalks, driveways and pavement widening);
(15) 18 lin. ft. laminated guard railing
(16) 115 cu. yds. remove and dispose of concrete;
(17) 10 each manholes adjusted to grade.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Rrancisco and Los Angeles. *

BIDS WANTED

LAWNDALE, San Mateo Co., Cal. —Until June 15, 8 P. M., bids will be received by the Town of Lawndale for the improvement of F Street from El Camino Real easterly.

The work involves:

(1) 4500 cu. yds. grading and preparation of subgrade;
(2) 152 cu. yds. steel reinforced concrete walls;
(3) 455 lin. ft. concrete curb and gutter;
(4) 3100 sq. ft. concrete sidewalks and floor;
(5) 64 lin. ft. concrete steps;
(6) 27 lin. ft. 4-in. diam. vitrified clay pipe drain;
(7) 260 lin. ft. 12-in. diam. concrete pipe storm sewer;
(8) 3 each, brick manholes capped with cast iron frames and covers
(9) 2 each brick catchbasins capped with cast iron frames and gratings;
(10) 54 lin. ft. pipe handrails;
(11) 7 cu. yds. concrete foundations for show room;
(12) 11 cu. yds. steel reinforced concrete foundations for floral shop;
(13) Moving and remodeling show room;
(14) Moving and remodeling floral shop;
(15) 9375 sq. ft. waterbound rock macadam base pavement;
(16) 9375 sq. ft. emulsified oil and rock screenings wearing surface

Bids must be accompanied by a certified check for 10% of the bid payable to the Town of Lawndale.

Plans and specifications obtainable from George A. Kneese, engineer, 3282 Broadway, Redwood City, upon payment of $4. *

BIDS WANTED

OAKLAND, Calif. — Until June 10, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L. S. 176, for street paving repairs for the period ending June 30, 1937.

Bids will be taken as follows:

(1) 1,060 c.f. asphaltic concrete ase, complete in place;
(2) 40,000 s.f. asphaltic street paving repairs, complete surf. course;
(3) 1,000 s.f. asphaltic street paving repairs, skin patching only;
(4) 1,500 c.y. concrete, wet mix, delivered at trench.

Specifications obtainable from above office. *

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—B. G. Carroll, 4396 Maryland St., San Diego, at $61,720.50 awarded contract by the State Highway Commission, Sacramento, for about 1.3 miles grading and paving with Portland cement concrete in Riverside County, about 2.2 miles west of Indio.

BIDS WANTED

KINGS COUNTY, Cal.—Until June 16, 10 A. M., bids will be received by the Division of Highways, R. M. Gillis, District Engineer, State Highway Bldg., Fresno, for about 5.8 miles of armor coat surfacing and applying road-mix surface treatment to shoulders, in Kings County, between Westerly boundary and Kings River slough.

Plans and specifications obtainable from the above office. *

BIDS OPENED

LINCOLN and Tillamook Cos., Ore. —E. C. Hall, Eugene, at $238,675 submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for the improvement of 13.-531 miles of the Salmon River Highway reconstruction surfacing and oil rock stockpiling Project FHEC 2-A4, B5, C4, National Forest Road Project, located within the Siuslaw National Forest, Lincoln and Tillamook Cos.

Complete bids follow:

E. C. Hall, Eugene	$238,675
A. C. Greenwood, Portland	244,912
R. O. Dall and Warren Bros., Inc., Aberdeen	246,969
Homer G. Johnson, Portland	248,974
A. Milne, Portland	256,761
P. L. Crooks, Portland	267,959
J. F. Kernan, North Portland, Saxton & Looney and J. S. Risley, Portland	269,741
Babler Bros., Portland	274,810

CONTRACT AWARDED

YOLO AND COLUSA COS., Cal.—Hanrahan Co., Hobart Building, San Francisco, at $129,708.50 awarded contract by the State Highway Commission, Sacramento, for about 10.3 mi. grading and surfacing with plant-mixed surfacing (medium curing type) in Yolo and Colusa Counties, between Dunnigan and Arbuckle.

BIDS WANTED

SAN FRANCISCO—Until June 17, 2:30 P. M., as previously reported, bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18902, for grading, paving and constructing sewers in Peralta Ave., between Mullen Ave., and Florida St. Estimated cost $2920.

The work involves:

(1) 300 cu. yds. grading and excavation;
(2) 68 lin. ft. 8-in. V.C.P. sewer in place;
(3) 34 lin. ft. 12-in. do;
(4) 70 lin. ft. 10-in. V.C.P. culvert, in place;
(5) One brick manhole, complete;
(6) 3 brick catchbasins, complete;
(7) 310 lin. ft. armored concrete curb;
(8) 530 sq. ft. one-course concrete sidewalk;
(9) 6600 sq. ft. 6-in. Class E concrete pavement;
(10) One 9-unit warning reflector, complete.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of $10. *

CONTRACT AWARDED

FRESNO COUNTY, Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at $229,510.55 awarded contract by the State Highway Commission, Sacramento, for about 4.5 miles grading and paving with Portland cement concrete and asphalt concrete in Fresno County between Belmont Circle and Biola Junction.

COMPLETE BID LISTING

VENTURA COUNTY, Cal.—Southwest Paving Co., Inc., 11402 Radford Ave., P. O. Box D, Roscoe, at $58,-816.25, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 14.6 miles surfacing with plant-mixed surfacing in Ventura Co., between Santonio Creek and Ojai, between Mound School and 2.7 miles east, and between Simi and 0.4 mile east of Santa Susana Overhead.

The work involves:

(1) 7,750 tons plant-mixed surfacing (Location "A");
(2) 61,000 s.y. asphaltic paint binder (Location "A");
(3) 2,425 tons plant-mixed surfacing (Location "B");
(4) 29,500 s.y. asphaltic paint binder (Location "B");
(5) 10,275 tons plant-mixed surfacing (Location "C").
(6) 81,000 s.y. asphaltic paint binder (Location "C")

Total bids follow:

(A) Southwest Paving Co., Roscoe $58,816.25.
(B) Oswald Bros., Los Angeles, $63 -493.75.
(C) George R. Curtis Paving Co., Los Angeles, $68,421.50.
(D) A. S. Vinnell Co., Los Angeles, $73,603.75.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$3.00	$3.30	$3.40	$3.15
(2)	.012	.015	.015	.015
(3)	2.42	2.50	3.07	2.80
(4)	.012	.015	.015	.015
(5)	2.69	2.85	3.12	3.65
(6)	.012	.015	.015	.015

COMPLETE BID LISTING

TULARE COUNTY, Cal.—John Jurkovich, 3530 Balch Ave., Fresno, at $6,640, as previously reported, submitted low bid to the Division of Highways, R. M. Gillis, District Engineer, Fresno, for applying road mix surface treatment to existing shoulders on about 11.1 miles in Tulare County, between Tulare and 7.6 miles south, between 0.6 mile south and 2.8 miles north of Goshen Subway, and between Goshen Subway and 0.7 mile west.

The work involvs:

(1) 400 tons liquid asphalt, SC-2;
(2) 66,000 sq. yds. preparing, mixing and shaping shoulders.

Complete bids follow:

John Jurkovich, Fresno: (1) $10; (2) $0.04; total, $6,640.

L. A. Briseo, Arroyo Grande: (1) $9.10; (2) $0.047; total, $6,742.

Oldfields Trucking Co., Bakersfield: (1) $8.65; (2) $0.05; total, $6,760.

Stewart & Nuss, Inc., Fresno: (1) $9.66; (2) $0.0447; total, $6,814.20.

Palo Alto Roads Materials Co., Palo Alto: (1) $10.50; (2) $0.044; total, $7,-104.00.

Bids held under advisement.

BIDS WANTED

PLUMAS CO., Cal.—Until June 9, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco for bituminous treatment (light surface application) on 6.285 miles of Sections A and B of Route 20, the Almanor National Forest Highway, Plumas National Forest, Plumas Co.

The work involves:

(1) 159 tons liquid asphaltic road material, Type MC-1;
(2) 84 tons do, Type MC-2 or MC-3.

Plans and specifications obtainable from the above office upon deposit of

BIDS OPENED

SHASTA CO., Cal.—Frederickson & Westbrook, P. O. Box 138, Lower Lake at $59,617.30 submitted low bid to the State Highway Comm., Sacramento, for about 2.4 miles grading and surfacing with crusher run base and road-mix surfacing in Shasta County between Viola and Forest Boundary.

The work involves:
(1) 11 acres clearing and grubbing right of way (inside slope lines)
(2) 30 acres clearing right of way (outside slope lines);
(3) 650 M. gals. water;
(4) 39,500 c.y. rdwy. excav., unclass.
(5) 4,400 c.y. imported borrow;
(6) 15 c.y. ditch and channel excav.
(7) 105,000 sta. yds. overhaul;
(8) 250 c.y. struc. excav.;
(9) 125 sta. finishing rdwy.;
(10) 5,600 c.y. crusher run base;
(11) 2,625 c.y. mineral aggregate (road mix surf.);
(12) 160 tons liquid asphalt ROMC-3 or ROMC-4 (road-mix surf.);
(13) 32 tons liquid asph. SC-2 (prime coat);
(14) 26 tons liquid asphalt ROMC-3 or ROMC-4 (seal coat);
(15) 200 c.y. sand (seal coat);
(16) 14 c.y. Class A Portland cement concrete;
(17) 500 lbs. bar reinf. steel·
(18) 44 l.f. 12-in. CMP;
(19) 504 l.f. 18-in. CMP;
(20) 10 l.f. 36-in. CMP;
(21) 26 each culvert markers;
(22) 26 each monuments complete in place.

Total bids follow:
(A) Fredericksen & Westbrook, Lower Lake, $59,617.30.
(B) J. G. Chigris, San Francisco, $69-392.70.
(C) Larsen Bros., Sacramento, $75,-465.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$372.00	$500.00	$400.00
(2)	240.00	150.00	200.00
(3)	1.50	2.50	2.00
(4)	.60	.54	.75
(5)	.40	.69	.75
(6)	1.80	1.50	1.00
(7)	.01	.01	.01
(8)	1.80	2.00	1.25
(9)	6.00	10.00	5.00
(10)	1.35	2.50	2.50
(11)	1.70	3.00	2.50
(12)	25.00	30.00	28.00
(13)	17.00	21.00	22.00
(14)	25.00	30.00	26.00
(15)	3.00	3.50	3.00
(16)	30.00	30.00	35.00
(17)	.08	.08	.07
(18)	1.60	1.20	1.50
(19)	2.10	1.85	2.00
(20)	5.20	5.50	6.00
(21)	3.00	3.00	3.00
(22)	3.00	3.00	3.00

BIDS WANTED

SAN LUIS OBISPO and Monterey Cos., Cal.—Until June 16, 2 P. M., bids will be received by the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying seal coat to existing pavement on about 34 miles in San Luis Obispo and Monterey Counties between Atascadero and San Miguel and between Salinas and Monterey-Santa Cruz county line.

Plans and specifications obtainable from above office.

SAN FRANCISCO—A. G. Raisch, 1 De Haro St., at $65,065.65 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,-926, for the reconstruction and widening of Harrison Street, between Second and Fifth Streets, a PWA project.

The work involves:
(1) 500 cu.yds. rock fill;
(2) 53,000 sq.ft. basalt pavement removed;
(3) 33,000 sq.ft. asphaltic-conc. wear. surface removed;
(4) 4,000 sq.ft. asphaltic-conc. pavement removed;
(5) 104,800 q.ft. 8-in. Class E concr. pavement;
(6) 26,000 sq.ft. 6-in. Class E concr. pavement base;
(7) 1,100 tons asph. concrete base course;
(8) 1,500 tons asph. wear. surface;
(9) 200 tons asph. conform pavement;
(10) 4,800 lin.ft. reset;
(11) 2,400 sq.ft. granite curb redressed;
(12) 2,600 lin.ft. new granite curb (tangent);
(13) 950 lin.ft. armored conc. curb;
(14) 25 catch-basins reset or rebuilt;
(15) 25 concr. curb inlets;
(16) 5 new catchbasins constructed;
(17) 50 cu.yds. Class B concrete;
(18) 13,000 sq.ft. one-course concr. sidewalk;
(19) 600 sq.ft. asphalt-macadam walk;
(20) 2,600 cross-walk markers;
(21) 455 center-line traffic markers;
(22) 11,000 lin.ft. 4-in. white lacquer traffic lines;
(23) 1,000 lin.ft. 8-in. do.
(24) 2,000 lin.ft. 4-in. do.
(25) 12 street and traffic signs moved;
(26) 3,400 ft. 1½-in. conduit;
(27) 8 manholes, frames and covers;
(28) 4 new manholes complete;
(29) 300 lin.ft. 12-in. V.C.P. sewer;
(30) 280 lin.ft. 10-in. V.C.P. culvert;
(31) 6—8-in. x 12 Y branches;
(32) 870—8-in. V.C.P. side sewers;
(33) 230—6-in. V.C.P. do.
(34) 16 low pressure fire hydrants relocated;
(35) 2 electric "Stop and Go" traffic signals, relocated;
(36) 1 electric "Stop and Go" control units, relocated;
(37) 5 police and fire boxes relo-

LOS ANGELES COUNTY—Rivera Undercrossing—(State)

LOS ANGELES COUNTY, Cal.—J. E. Haddock, Ltd., 357 North Chester Ave., Pasadena, at $98,671, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for construction of an undergrade crossing under the tracks of the A. T. & S. F. railway in Los Angeles County at Rivera on San Gabriel Blvd.

The work involves:
(1) 23 stations clearing and grubbing
(2) 200 M. gallons water;
(3) 44,000 c.y. rdwy. excav.;
(4) 2,400 c.y. struc. excav.;
(5) 500 c.y. ditch and channel excav.
(6) 8,500 s.y. subgrade for pavement;
(7) 20 tons liquid asphalt, 90-95 (subgrade treatment);
(8) 23 stations finishing roadway;
(9) 830 tons mineral aggregate (plant mixed surfacing);
(10) 45 tons liquid asphalt, MC-5 or MC-extra heavy (do);
(11) 4 tons liquid asph., MC-2 (prime coat);
(12) 1,700 c.y. Class "A" Portland cement concrete (pavement);
(13) 106,000 lbs. bar reinforcing steel (pavement and structures);
(14) 3,500 each, pavement dowels;.
(15) 830 c.y. Class "A" Portland cement concrete (structures);
(16) 26 c.y. do (railing);
(17) 303,000 pounds structural steel;
(18) 450 c.y. Class "A" Portland cement concrete (slope paving);
(19) 110 l.f. 24-in. reinf. concrete pipe;
(20) 48 l.f. 18-in. corru. metal pipe;
(21) 1,000 l.f. 8-in. perf. metal pipe (underdrains);
(22) 54 c.y. rock filling material (underdrains);
(23) 530 c.y. Class "A" Portland cement concrete (curbs, gutters, and sidewalks);
(24) 40 l.f. solid timber guard rail;
(25) 6,200 lbs. misc. iron and steel;
(26) 1 only 24-in. steel pipe siphon;
(27) 106 l.f. copper strips;
(28) 1,170 c.y. asphalt concrete pavement to be removed and disposed of;
(29) 1 lot waterproofing;
(30) 1 lot pumping equipment;
(31) 1 lot electrical equipment;
(32) 1 lot misc. items of work.

Total bids follow:
(A) J. E. Haddock, Ltd., Pasadena, $98,671.
(B) Griffith Co., Los Angeles, $99,-900.10.
(C) C. O. Sparks & Mundo Engr. Co., Los Angeles, $102,266.00.
(D) John Strona, Pomona, $107,541.30.
(E) Fred E. Potts Co., Los Angeles, $108,632.
(F) Daley Corp., San Diego, $109,-752.30.
(G) Oswald Bros., Los Angeles, $113,-994.00.
(H) R. E. Campbell, Los Angeles, $115,807.50.
(I) Shofner & Gordon, Los Angeles, $139,425.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ 40.00	$ 20.00	$ 10.00	$ 30.00	$ 20.00	$ 40.00	$ 75.00	$ 15.00	$75.00
(2)	1.50	1.00	1.00	1.50	3.00	2.00	2.40	3.50	3.75
(3)	.40	.35	.40	.42	.50	.35	.48	.465	.50
(4)	1.00	.90	1.00	1.45	1.00	1.50	1.50	2.50	2.00
(5)	1.00	.90	.50	1.10	.70	1.50	1.50	1.00	1.25
(6)	.12	.10	.12	.10	.15	.16	.15	.11	.15
(7)	18.00	20.00	20.00	22.00	16.80	20.00	35.00	40.00	20.00
(8)	10.00	6.00	5.00	6.00	6.00	5.00	7.00	10.00	12.00
(9)	2.00	2.30	3.50	3.50	1.00	3.50	3.00	3.00	4.00
(10)	16.00	12.00	16.00	15.00	15.00	16.50	14.00	15.00	3.00
(11)	30.00	20.00	25.00	25.00	11.00	15.00	33.00	30.00	25.00
(12)	7.00	8.00	8.00	9.00	8.85	8.30	8.00	8.45	15.00
(13)	.04	.05	.04	.04	.035	.05	.05	.0475	.04
(14)	.11	.12	.15	.10	.10	.15	.11	.12	.15
(15)	16.50	15.37	14.00	17.00	16.00	18.00	18.00	18.20	24.00
(16)	30.00	40.00	10.00	50.00	30.00	25.00	50.00	38.00	55.00
(17)	.069	.065	.07	.0671	.063	.07	.07	.075	.07
(18)	14.00	14.00	11.00	12.00	18.00	15.00	14.25	10.70	20.00
(19)	3.00	3.00	3.00	4.00	3.00	3.00	3.00	3.50	4.00
(20)	1.50	3.00	2.00	2.00	2.00	2.75	2.00	2.00	3.00
(21)	.80	1.10	.80	.91	1.15	1.00	1.00	1.00	1.25
(22)	2.50	3.00	3.00	2.50	2.00	2.00	3.50	2.50	3.50
(23)	9.00	13.00	14.00	12.00	11.00	17.00	11.00	12.00	15.00
(24)	1.50	1.25	1.50	2.00	1.50	2.00	2.00	2.00	1.50
(25)	.12	.14	.15	.13	.13	.14	.15	.12	.15
(26)	1200.00	1400.00	1100.00	1420.00	1250.00	1000.00	1600.00	1760.00	1500.00
(27)	.50	.50	.50	.50	.50	.30	.50	.75	1.00
(28)	1.00	1.20	2.00	.60	2.00	1.50	1.75	2.20	1.50
(29)	1100.00	1200.00	1250.00	1300.00	1075.00	1200.00	1250.00	1220.00	900.00
(30)	3000.00	3000.00	3000.00	3000.00	2600.00	3025.00	3178.00	2890.00	4000.00
(31)	600.00	600.00	600.00	600.00	350.00	575.00	600.00	520.00	2000.00
(32)	600.00	1000.00	1000.00	2000.00	632.00	500.00	600.00	725.00	1157.50

cated.

Total bids follow:

(A) A. G. Raisch.....$65,065.65
(B) Lowrie Paving Co. Inc..... 65,729.60
(C) Chas. L. Harney..... 67,032.25
(D) M. J. Lynch..... 71,797.00
(E) Pacific States Const. Co. 71,945.00
(F) Fay Improvement Co..... 73,807.62
(G) Eaton & Smith..... 75,843.85

All bidders of San Francisco.

COMPLETE BID LISTING

SAN LUIS OBISPO CO., Cal.—L. A. Brisco, Arroyo Grande, at $10,227.50, as previously reported, submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo County, between Nipomo and Arroyo Grande, between Santa Maria and Pismo, and between Edna and San Luis Obispo.

The work involves:

(1) 420 tons liquid asphalt, SC-2, in place (road-mix surf. treatment)
(2) 34,600 sqy. prepare, mix and shape shoulders;
(3) 50 tons liquid asphalt, SC-3, in place (Class A seal coat);
(4) 310 tons sand in place;
(5) 60 tons liquid asphalt, ROMC-4, in place (Class B seal coat);
(6) 550 tons screenings in place (Class B seal coat).

Total bids follow:

(A) L. A. Brisco, Arroyo Grande, $10-227.50.
(B) John Fesler, Santa Maria, $11,-294.50.
(C) A. S. Vinnell Co., Los Angeles, $11,492.50.

Unit bids follow:

	(A)	(B)	(C)
(1).....	$ 8.00	$ 9.60	$10.00
(2).....	.08	.09	.06
(3).....	11.00	12.00	13.50
(4).....	1.95	2.10	3.40
(5).....	17.00	18.50	21.00
(6).....	3.50	3.25	4.05

BIDS OPENED

ALAMEDA COUNTY, Cal.—Jones & King, Jackson St., Hayward, at $16,295 submitted low bid to the State Highway Commission, Sacramento, for about 1.9 miles surfacing with plant-mixed surfacing in Alameda County, between Irvington and Centerville.

The work involves:

(1) 3800 tons mineral aggregate;
(2) 200 tons liquid asphalt MC-5 or MC extra heavy;
(3) 18 tons asphaltic emulsion (prime coat);
(4) 25 tons liquid asphalt MC-3 (seal coat);
(5) 260 tons screenings (seal coat).

Total bids follow:

(A) Jones & King, Hayward, $16,-295.
(B) Independent Constr. Co., Ltd., Oakland, $16,700.
(C) E. A. Forde, San Anselmo, $17,-423.50.
(D) Lee J. Immel, Berkeley, $17,-975.30.
(E) W. H. Larson, Oakland, $19,716.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	$ 2.95	$ 3.05	$ 3.35	$ 3.40	$ 3.80
(2).....	17.00	18.00	16.00	18.00	18.00
(3).....	22.50	20.00	17.50	22.60	22.00
(4).....	20.00	20.00	17.50	17.50	20.00
(5).....	3.00	2.50	2.85	2.35	3.00

BIDS WANTED

WHITE PINE COUNTY, Nevada—Until June 17 (tentative date) bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highwty Engineer, Heroes Memorial Building, Carson City, for 5.38 miles asphaltic road-mix surface treatment in White Pine County, bet. Preston and Lund, Route 38-A.

The work involves:

(1) 371 tons asphaltic road material, type SC-2;
(2) 31 tons asphaltic road material, type MC-2;
(3) 5.38 miles roadmix;
(4) 5.38 miles finish roadway;
(5) 54 each culvert markers.

Plans and specifications obtainable from above office upon deposit of $5, of which abount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco. •

May 29, 1936

CONTRACT AWARDED

ORANGE COUNTY, Calif.—Geo. R. Curtis Paving Co., 2440 E 26th St., Los Angeles, at $143,965.50 awarded contract by the State Highway Commission, Sacramento, for about 9.8 miles Portland cement concrete pavement widening in Orange County between Seal Beach and Newport Beach.

June 4, 1936

BIRS OPENED

WASHOE COUNTY, Nevada—Following bids received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for furnishing 425 tons of Type SC-2 liquid asphaltic road material for use on Section B of Route 2, the Mt. Rose National Forest Highway, Tahoe Nafitional Forest, Washoe County, Nev., as follows:

Gilmore Oil Co., Shell Oil Co., Associated Oil Co., Standard Oil Co., and Richfield Oil Co, $5.50 per tone f.o.b Bakersfield; General Petroleum Co., $5.50 f.o.b. Seguro; Union Oil Co., $5.50 f.o.b. Maltha; Gilmore Oil Co., 7f.o.b Richmond; Associated Oil Co., Standard Oil Co., Richfield Oil Co., $5.00 f.o.b. Los Angeles.

Bids under advisement. •

BIDS OPENED

CRESCENT CITY, Del Norte Co., Cal.—Meyer Rosenberg, 255 Bayshore Blvd., at $5900 (work complete) submitted low bid to the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8187, for repairs to roadway leading from Crescent City to the Naval Direction Finder Station,, Point St. George (Crescent City).

Complete bids follow:

(1) Work complete;
(2) Work complete omitting patching.

Meyer Rosenberg, San Francisco, (1) $5900; (2) $2930.
John Burman & Sons, Eureka, (1) no bid; (2) $2438.
Albert Helwig, Sebastopol, (1) no bid; (2) $3400.

Bids held under advisement. •

CONTRACT AWARDED

VENTURA COUNTY, Calif.—Southwest Paving Co., Inc., 11402 Radford Ave., P. O. Box D, Roscoe, at $58,-816.25 awarded contract by the State Highway Commission, Sacramento, for about 14.6 miles surfacing with plant-mixed surfacing in Ventura County between Santonio Creek and Ojai, between Mound School and 2.7 miles east, and between Simi and 0.4 mile east of Santa Susana Overhead.

CONTRACT AWARDED

SAN LUIS OBISPO CO., Cal.—L. A. Brisco, Arroyo Grande, at $10,227.50 awarded contract by the State Highway Commission, Sacramento, for applying seal coat and road-mix surface treatment on about 16 miles in San Luis Obispo County between Nipomo and Arroyo Grande, between Santa Maria and Pismo, and between Edna and San Luis Obispo.

LOS ANGELES COUNTY—Rio Hondo Bridge—(State)

LOS ANGELES COUNTY, Cal.—Oscar Oberg, 150 N Vista St., Los Angeles, at $117,876.10, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete girder bridge across Rio Hondo, 2 miles west of El Monte, in Los Angeles County, consisting of nine 67-ft. spans and two 26-ft. spans.

The work involves:

(1) 1 only existing bridge to be removed and disposed of;
(2) 60 M. gals. water;
(3) 500 c.y. rdwy. excav., unclass.;
(4) 2600 c.y. structure excavation;
(5) 5600 c.y. imported borrow;
(6) 65 tons liquid asphalt, SC-2 (road-mix surface treatment);
(7) 5000 s.y. preparing, mixing and shaping roadbed;
(8) 132 c.y. Class "A" Portland cement concrete (pavement);
(9) 225 each pavement dowels;
(10) 710,000 lbs. bar reinf. steel;
(11) 3145 c.y. Class "A" Portland cement concrete (struc.);
(12) 5727 l.f. concrete piles cast in place;
(13) 1650 c.y. light riprap;
(14) 150 l.f. temporary 36-inch corru. metal pipe;
(15) 25 c.y. Class "A" Portland cement concrete (curbs and gutters);
(16) 1270 l.f. steel railing;
(17) 150 each, guide posts;
(18) 1 lot misc. items of work.

Total bids follow:

(A) Oscar Oberg, Los Angeles, $117,-876.10.
(B) J. E. Haddock, Ltd., Pasadena, $122,924.40.
(C) Byerts & Dunn, Los Angeles, $129,852.15.
(D) Carlo Bongiovanni Const. Co., Ltd., Los Angeles, $131,144.70.
(E) Daley Corp., San Diego, $132,-749.50.
(F) R. R. Bishop, Long Beach, $133,-405.50.
(G) Shofner & Gordon, Los Angeles, $143,146.
(H) Case Const. Co., Alhambra, $147,-393.85.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$7,200.00	$4600.00	$3600.00	$12,300.00	$5500.00	$8000.00	$5800.00	$12,500.00
(2)...	1.00	3.00	3.00	3.00	5.00	2.00	2.50	1.50
(3)...	.66	1.00	1.00	1.00	.60	.75	.50	50
(4)	2.50	2.50	1.85	2.50	3.00	2.00	.60	1.25
(5)	.36	.30	.65	.60	.35	.65	.35	.45
(6)	8.70	8.00	7.50	9.00	10.00	13.00	19.00	8.50
(7)	.12	.10	.10	.15	.25	.08	.15	.12
(8)....	10.00	9.00	10.95	10.00	10.00	10.00	10.00	11.50
(9)	.12	.12	.10	.25	.16	.15	.12	.12
(10)....	.036	.037	.035	.0425	.046	.038	.045	.04
(11)....	15.00	16.00	16.00	14.00	16.00	16.00	21.00	20.00
(12)....	2.30	2.20	2.00	2.30	2.50	2.25	2.75	2.55
(13)....	2.60	4.00	7.20	5.00	4.00	4.00	3.50	6.90
(14)....	.45	4.50	1.00	2.00	.50	1.00	.80	.70
(15)	13.30	9.00	18.07	15.00	15.00	16.00	15.00	18.00
(16)	5.15	7.00	5.50	6.50	6.80	6.80	7.00	7.25
(17)	.80	1.00	1.00	1.00	1.00	1.00	1.50	.80
(18)	2,000.00	1500.00	8126.00	600.00	500.00	7500.00	964.75	400.00

CONTRACT AWARDED

WASHOE COUNTY, Nev. — Dodge Construction, Inc., Fallon, at $201,-765.49 submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City, for the construction of a portion of the State highway system in Washoe County, Route 1, Section A1, from Lawton to Reno, a length of approximately 4.86 miles.

BIDS WANTED

SAN FRANCISCO.—Until June 17, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,936, for the improvement of Anza Street between Arguello Blvd. and Parker Ave. Estimated cost, $26,350.

The work involves:

(1) 5,200 c.y grading (excavation);
(2) 600 c.y. grading (fill);
(3) 13 each, brick catchbasins, complete;
(4) 730 l.f. 10-in. VCP culvert in place;
(5) One manhole frame and cover in place;
(6) 2,500 l.f. unarmored conc. curb;
(7) 85,000 s.f. asphalt-concrete pavement, consisting of a 6-in. Class F concrete pavement and a 2-in. asphaltic concrete wearing surface;
(8) 40 tons asphaltic concrete conform pavement;
(9) 2,200 s.f. one-course conc. sidewalk;
(10) 220 each center line traffic markers, in place;
(11) 2,600 l.f. 4-in. white lacquer traffic lines in place;
(12) 1,230 l.f. 1½-in. black enameled wrought steel conduit, in place.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of $10.

CONTRACT AWARDED

DOUGLAS COUNTY, Nev.—Nevada Rock and Sand Co., 949 E 4th Street, Reno, at $51,822.70 submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City for the construction of a portion of the State highway system in Douglas county, from the junction of State Route 3 to Genoa, a length of approximately 3.66 miles.

U. B. Lee, San Leandro, Calif., at $54,498.30 submitted second low bid.

Complete bids will be given shortly.

COMPLETE BID LISTING

SAN LUIS OBISPO COUNTY, Cal. —Paulsen & March, Inc., 8275 Compton Ave., Los Angeles, at $11,343.60, as previously reported submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for furnishing and appyling liquid asphalt on about 41 miles in San Luis Obispo County, between Cambria and Route 2, between Morro and Shandon, and between Santa Margarita and Creston.

The work involves 1370 tons liquid asphalt SC-2, in place.

Complete bids follow:

Paulsen & March, Inc., Los Angeles, (1) $8.28 per ton; total, $11,343.60.
Lambs Transfer Co., Long Beach, (1) $8.32; total, $11,398.40.
Oilfields Trucking Co., Bakersfield, (1) $8.65; total, $11,850.50.
L. A. Brisco, Arroyo Grande, (1) $8.74 total, $11,973.80.

CONTRACT AWARDED

RIVERSIDE and San Bernardino Cos., Cal.—George Herz & Co., P. O. Box 191, San Bernardino, at $63,603.20 awarded contract by the State Highway Commission, Sacramento, for about 19.4 miles surfacing with plant-mixed surfacing (slow curing type) and applying seal coat thereto, in San Bernardino and Riverside Counties at various locations.

BIDS WANTED

GREENLEE COUNTY, Ariz.—Until June 25, 10 A. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, 414 Title & Trust Bldg., Phoenix, for grading Section B (portion) of Route 19, the Clifton - Alpine National Forest, a length of approximately 1.854 miles.

The work involves:

(1) 15 acres clearing;
(2) 49,850 cu. yds. unclass. excav.;
(3) 300 cu. yds. unclass. excav. for structures;
(4) 11,000 sta. yds. overhaul;
(5) 28 cu. yds. cement rubble masonry
(6) 208 lin. ft. CMP;
(7) 501 lin. ft. remove, clean and relay existing CMP;
(8) 600 lin. ft. Type 1 protection ditch

Plans and specifications obtainable from the above office and at the Federal Office Bldg., Civic Center, San Francisco, upon deposit of $10.

CONTRACT AWARDED

SAN LUIS OBISPO CO., Cal.—Oilfields Trucking Co., Box 751, Bakersfield, at $5,908.50 awarded contract by the State Highway Commission, Sacramento, for treating shoulders with road mix surface treatment on about 7.8 miles in San Luis Obispo County, between Torro Creek and Cambria.

BIDS OPENED

TEHAMA COUNTY, Calif. — N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $13,961.80 submitted the only bid received by the Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 0.3 mile of grading and paving with Portland cement concrete in Tehama County at the sout hentrance to Red Bluff.

CONTRACT AWARDED

MARION COUNTY, Ore.—R. O. Dail and Warren Bros., Inc., Aberdeen, at $59,718 awarded contract by R. H. Baldock, State Highway Engineer, Portland, for 9.7 miles resurfacing and oiling and furnishing crushed rock in stockpiles on the Rocky Point School South Falls Section of Silver Creek Secondary Highway in Marion Co.

Bids were opened May 21 and referred to the engineer with power to award contract.

May 29, 1936

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—G. R. Curtis Paving Co., 2440 E 26th St., Los Angeles, at $29,887.25 awarded contract by the State Highway Commission, Sacramento, for constructing shoulders of plant-mixed surfacing on bituminous macadam on about 6.8 mi. in Los Angeles County between Castaic School and Piru Creek.

CONTRACT AWARDED

VENTURA COUNTY, Cal.—Oswald Bros., 366 E 58th St., Los Angeles, at $18,164 awarded contract by the State Highway Commission, Sacramento, for grading and paving with asphalt concrete and Portland cement concrete the roads within the State Hospital grounds at Camarillo, Ventura Co.

CONTRACT AWARDED

ORANGE COUNTY, Calif.—Gibbons & Reed Co., 221 East San Fernando Blvd., Burbank, at $166,813.75 awarded contract by the State Highway Commission, Sacramento, for about 2.7 miles grading and paving with Portland cement concrete in Orange County between Gypsum Creek and the Riverside County Line.

STANISLAUS COUNTY—4.2 Mi. Grade & Surface—(State)

STANISLAUS CO., Calif.—Stewart M. McGaw, 425 Lexington Ave. Stockton, at $44,163 50 submitted low bid to the State Highway Commission at Sacramento, for about 4.2 miles of grading and surfacing with bituminous treated crushed gravel or stone (plant mixed) in Stanislaus County between Turlock and Keyes.

The work involves:

(1) 219 sta. clearing and grubbing right of way;
(2) 415 M. gals. water;
(3) 800 c.y. rdwy. excav., unclass.;
(4) 20 c.y. struc. excav.;
(5) 11,000 c.y. imported borrow;
(6) 50 c.y. salvaged surfacing;
(7) 219 sta. finishing rdwy.;
(8) 1,015 tons untreated crush. stone or gravel (base and surfacing);
(9) 6,550 tons mineral agg. (bituminous treated surf.);
(10) 458 ton asphaltic emulsion 90-95 (bituminous treated surf.);
(11) 22 tons asphaltic emulsion 90-95 (paint binder and seal coat);
(12) 100 tons sand (seal coat);
(13) 16,250 s.y. preparing, mixing and shaping shoulders;
(14) 100 tons liquid asphalt SC-2;
(15) 100 lbs. bar reinf. steel;
(16) 1 c.y. Class A Portland cement concrete;
(19) 46 l.f. 12-in. CMP;
(18) 1 each cast steel frame and cover for drop inlet;
(19) 93 c.y. existing concrete pave and struc. removed and disposed of;
(20) 7 each monuments complete in place.

Total bids follow:

(A) Stewart M. McGaw, Stockton, $44,163.50.
(B) Heafey-Moore Co., Oakland, $44,-628.00.
(C) Pacific States Const. Co., S. F., $45,893.25.
(D) Biasotti, Willard and Biasotti, Stockton, $48,351.00.
(E) A. Teichert & Son, Inc., Sacramento, $48,378.75.
(F) M.J.B. Const. Co., Stockton, $54,-405.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 2.00	$ 2.50	$ 2.00	$ 2.00	$ 2.50	$ 6.90
(2)	2.00	2.00	1.25	2.00	2.50	1.00
(3)	.50	.50	.50	.45	.60	.85
(4)	1.00	1.50	1.00	1.50	1.50	1.00
(5)	.60	.50	.45	.45	.40	.41
(6)	2.00	1.00	2.00	1.00	1.50	1.70
(7)	6.00	5.00	5.00	5.00	8.00	6.00
(8)	1.80	2.00	2.30	3.00	2.15	2.48
(9)	3.35	3.50	3.80	4.00	3.92	4.60
(10)	15.00	15.00	16.50	15.00	17.00	20.25
(11)	26.00	25.00	30.00	25.00	50.00	26.00
(12)	4.00	3.50	2.00	3.00	5.00	2.75
(13)	.06	.10	.07	.10	.07	.07
(14)	15.00	14.00	2.00	15.00	11.00	14.00
(15)	.06	.10	.07	.10	.10	.08
(16)	30.00	30.00	28.00	40.00	35.00	28.00
(17)	2.00	2.00	1.50	3.00	2.00	2.25
(18)	40.00	40.00	35.00	50.00	45.00	32.00
(19)	2.00	2.50	2.50	3.00	4.00	4.00
(20)	3.00	3.00	3.00	3.00	3.00	3.00

BIDS WANTED

ALAMEDA, Cal.—Until June 15, 5 P. M. (bids to be opened June 16, 11 A. M.) new bids will be received by Alameda City Council for improvement of Maitland Drive, consisting of resurfacing present pavement and other incidental work, involving:

(1) 2117 tons asphaltic concrete leveling course
(2) 1650 tons asphaltic top concrete, Type D;
(3) 3081 tons of crusher run base and shoulders;
(4) 8000 sq. ft. rock gutter;
(5) 18,000 sq. ft. ditch grading;
(6) 37,160 sq. ft. armor coat for shoulders;
(7) 130 lin. ft. 8-in. corrugated metal pipe culvert in place;
(8) 80 lin. ft. 8-in. do;
(9) 3 cu. yds. Class A concrete for headwalls.

On previous bid opening lowest bid was submitted by Heafey-Moore Co., Oakland, at $22,179.95.

Plans and specifications may be obtained from City Engineer upon deposit of $25.

BIDS OPENED

ORANGE CO., Cal.- C. O. Sparks, 2309 E Olympic Blvd., Los Angeles, at $7,067.50 submitted low bid to the Division of Highways, S. V. Cortelyou, District Engineer, Los Angeles, for about two miles surfacing with plant-mixed surfac'g (asphaltic emulsion type) in Orange County between Brea and northerly boundary.

The work involves:

(1) 80 tons asphaltic cement, Grade D in place;
(2) 55 tons asphaltic emulsion tempering fluid in place;
(3) 1900 tons mineral agg. in place;
(4) 23,700 s.y. asphaltic paint binder in place.

Total bids follow:

(A) C. O. Sparks Los Angeles..$7,067.50
(B) A. S. Vinnell Co., L. A..... 7,554.00
(C) Goode & Schroeder, L. A. 7,782.50
(D) Paul R. Hughes, Long Beach 10,480.00

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$14.00	$14.00	$14.00	$15.00
(2)	30.00	22.00	24.00	22.00
(3)	1.95	2.50	2.50	3.00
(4)	.025	.02	.025	.10

30—RESERVOIRS & DAMS

BIDS WANTED

SNAKE RIVER PROJECT, Idaho—Until June 25, 10 A. M., bids will be received by the Bureau of Reclamation, H. A. Parker, Construction Engineer, Ashton, Idaho, under Spec. No. 683, for construction of the diversion dam, canal headworks and earthwork, canal lining, and structures for the Cross Cut Canal, Upper Snake River Project, Idaho.

The work is located near Chester, Idaho, and the principal items of work involved are:

(1) 265,000 cu. yds. all classes of excavation for canal;
(2) 10,000 sta. cu. yds. overhaul;
(3) 8150 cu. yds. all classes of excavation for structures;
(4) 2300 cu. yds. backfill;
(5) 2500 cu. yds. concrete in diversion dam;
(6) 1110 cu. yds. concrete in structures;
(7) 180 cu. yds. concrete in canal lining;
(8) 350 sq. yds. dry-rock paving;
(9) 125 cu. yds. riprap;
(10) 350 cu. ft. pressure grouting;
(11) Placinf 112,000 lbs. reinf. bars;
(12) Installing 160 lin. ft. metal water stops;
(13) Drilling 920 lin. ft. grout holes;
(14) Installing 6500 lbs. grout pipe and connections;
(15) Laying 88 lin. ft. 24-in. diam. concrete pipe;
(16) Laying 224 lin. ft. 12-in. & 18-in. diam. corrugated metal pipe;
(17) Erecting 180 MFBM timber in structures;
(18) Erecting 780 lin. ft. No. 48 metal flume;
(19) Installing 21,200 lbs. gates and gate hoists;
(20) Installing 10,000 lbs. pipe handrails and stop plank guides.

Work shall be commenced within 30 calendar days and completed within 350 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainabale from the Bureau of Reclamation at Ashton, Idaho; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others $2 per copy, not returnable.

BIDS WANTED

KENNETT, Calif.—Until June 18, 10 A. M., bids will be received by the Bureau of Reclamation, 206 Old Postoffice Building, Sacramento, Walker Young, Construction Engineer, under Spec. No. 800-D, for core-drilling and excavation for investigation of Kennett dam site, Central Valley Project.

The work is located about 12 miles north of Redding and the principal items of work involved are:

(1) 460 l.f. excavation of river shaft and under-river tunnel;
(2) 2,405 l.f. excavation of tunnels above river level;
(3) 350 l.f. excavation of shafts above river level;
(4) Furnishing and erecting 20 M F B M of permanent timbering in tunnels and shafts;
(5) 3,800 l.f. horizontal core - drilling from tunnels;
(6) 400 l.f. vertical or inclined do;
(7) 200 l.f. vertical core-drilling from the surface;
(8) 700 l.f. core-drilling in roofs of tunnels.

Plans and specifications obtainable from the Bureau of Reclamation at Sacramento or Denver, Colo., without charge to prospective bidders; to others, $1 per copy, not returnable.

BIDS WANTED

BONNEVILLE DAM, Oregon.—Until June 9, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694,36-388, for furnishing 120 concrete stop logs for the powerhouse intake gate slots at Bonneville.

The total quantity is made up of 12 sets of stop logs, one set of 10 logs for each gate position.

Delivery fob cars at north end of powerhouse at Bonneville.

Specifications obtainable from above office.

31 — PIPE LINES & WELLS

BIDS OPENED

SAN FRANCISCO COUNTY, Cal.—California Nursery Co., Inc., Niles, at $13,935 submitted low bid to the State Highway Commission, Sacramento, for furnishing and planting various varieties of trees and shrubs grading and planting lawn and furnishing and installing a water system at the Fifth Street Plaza in San Francisco.

The work involves:

(1) 18 each key No. 1 plants;
(2) 52 each key No. 2 plants;
(3) 40 each key No. 3 plants;
(4) 12 each key No. 4 plants;
(5) 14 each key No. 5 plants;
(6) 8 each key No. 6 plants;
(7) 92 each key No. 7 plants;
(8) 2 each key No. 8 plants;
(9) 14 each key No. 9 plants;
(10) 8 each key No. 10 plants;
(11) 4 each key No. 11 plants;
(12) 170 each key No. 12 plants;
(13) 10 each key No. 13 plants;
(14) 8 each key No. 14 plants;
(15) 288 each key No. 15 plants;
(16) 4 each key No. 16 plants;
(17) 8 each key No. 17 plants;
(18) 196 each key No. 18 plants;
(19) 2 each key No. 19 plants;
(20) 4 each key No. 20 plants;
(21) 2 each key No. 21 plants;
(22) 6 each key No. 22 plants;
(23) 22 each key No. 23 plants;
(24) 2 each key No. 24 plants;
(25) 2 each key No. 25 plants;
(26) 2 each key No. 26 plants;
(27) 135 each key No. 27 plants;
(28) 3 each key No. 28 plants;
(29) 64,000 sq. ft. lawn;
(30) 39 ea. ¾-in. street washer boxes;
(31) 690 l.f. 2-in. galvanized iron pipe
(32) 960 l.f. 1½-in. do;
(33) 500 l.f. 1¼-in. do;
(34) 920 l.f. 1-in. do;
(35) 1,220 l.f. ¾-in. do;
(36) 2 each master sprinklers;
(37) 12 each quick coupling valve heads;

Total bids follow:

(A) California Nursery Company, Inc. Niles, $13,935.
(B) Rexroth & Rexroth, Bakersfield, $22,377.
(C) Walter A. Hoff, San Francisco, $24,506.60.

Unit bids follow:

	(A)	(B)	(C)
(1)	$57.86	$90.00	$67.50
(2)	47.08	60.00	57.50
(3)	48.69	60.00	61.00
(4)	35.65	50.00	49.00
(5)	37.85	60.00	50.00
(6)	32.86	70.00	59.00
(7)	2.23	5.00	12.25
(8)	77.86	60.00	58.00
(9)	22.86	50.00	45.50
(10)	9.18	50.00	30.00
(11)	8.86	15.00	33.50
(12)	2.23	4.00	12.50
(13)	6.18	15.00	15.00
(14)	37.86	60.00	53.00
(15)	2.37	4.00	12.50
(16)	6.36	5.00	30.50
(17)	8.36	15.00	31.50
(18)	2.10	4.00	5.50
(19)	52.86	25.00	36.50
(20)	6.86	10.00	24.75
(21)	22.86	20.00	36.00
(22)	6.11	5.00	13.00
(23)	4.13	5.00	12.00
(24)	7.86	25.00	29.50
(25)	42.86	25.00	42.50
(26)	8.86	25.00	28.50
(27)	.78	3.00	3.00
(28)	6.36	6.00	22.50
(29)	.0333	.08	.05
(30)	3.65	5.00	3.60
(31)	.46	.50	.45
(32)	.39	.40	.38
(33)	.37	.40	.36
(34)	.31	.35	.30
(35)	.28	.35	.27
(36)	10.50	15.00	10.00
(37)	5.60	7.50	5.50
(38)	1.10	1.50	1.00

BIDS WANTED

SACRAMENTO, Cal.—Until June 5, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-251, for boring a well and furnishing and installing a 7⅝-inch wrought well casing therein, at the U. S. Engineer Depot at the Sacramento Weir, Sacramento.

Bids will be taken as follows:

(1) Lump sum, moving to job, setting up equipment ready for drilling, and dissembling and moving from job at end of work;
(2) Drilling and casing 1 to 50 ft.;
(3) Do 51 to 100 ft.;
(4) Do 101 to 150 ft.;
(5) Do 151 to 200 ft.;
(6) Testing yield;
(7) Perforating pipe 30 ft.

Specifications obtainable from above office.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BOND ELECTION

GUSTINE, Merced Co., Cal.—A special election will be held June 16 to submit to voters a proposal to issue $8,000 in bonds for acquiring, constructing, and completing main and lateral sewers.

Due to a technical error the bonds voted April 14 are invalid and it has been necessary to call a new election. The vote at the previous election was 234 to 72.

CONTRACT AWARDED

SANTA BARBARA, Cal.— Water works Supply Co., 417 S. Hill St., Los Angeles, at $990.86 awarded contract by the Santa Barbara City Council (subject to PWA approval) for furnishing two electric driven sludge pumps.

CONTRACT RE-AWARDED

SANTA BARBARA, Calif. — Iowa Valve Co., 417 S. Hill St., Los Angeles, at $3375 awarded contract by the Santa Barbara city council (subject to approval by PWA), for furnishing gate valves for the new filtration plant and the Sheffield reservoir. This rescinds the contract formerly awarded to Crane Co. on May 7th.

PERMIT ASKED

BALBOA ISLAND, Orange County, Calif.—Application has been made by The Irvine Company of Tustin, Calif., for War Department permit to construct two pleasure piers and install two units of floating boat slips along the easterly side of the channel easterly of Balboa Island, one unit, with length of 500 feet, to extend 80 feet channelward, and the other, with length of 300 feet, to extend 90 feet channelward from the U. S. Bulkhead line, in Newport Bay. Drawings showing the location and plan of the proposed work may be seen at the U. S. Engineer's Office, 751 So. Figueroa St., Los Angeles, until 11 a.m., June 4. Major Theodore Wyman, Jr., District Engineer.

BIDS OPENED

INDEPENDENCE, Inyo Co., Calif.—S. M Milovich, 503 Whittier Blvd., Montebello, at $27,408.15, submitted low bid to D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, 207 S. Broadway, Los Angeles, for construction of a sewer system for the town of Independence, Inyo County, California, under Specifications No. X-24, PWA Docket 1929-R, Unit No. 24. Lump sum bids were taken on the complete system, including all trenching, backfilling, pipe installation, house connections, manholes and covers, treatment plant, outfall lines and resurfacing. The complete bids follow:

S. M. Milovich, $27,408.15.
E. L. Fleming, $29,624.00.
V. C. K. Construction Co., $33,000; alt. concr. pipe, $31,781.40.
J. C. Hickey, $35,700; add $2000 for vit. pipe.
Gogo & Rados, $37,320.
Case Constr. Co., $43,500.
A. & B. Constr. Co., $45,356.44.
Mike Radich and C. T. Brown, $46,-283.07.
John Grancich, $46,906.66; deduct $.02 per ft. for concr. pipe.

BIDS WANTED

LOS ANGELES, Cal.—Until June 24 10 A. M., new bids will be received by the Los Angeles board of public works, 153 City Hall, for construction of sewers in Redwood Ave. between southeasterly line of Lucille Ave. and northwesterly line of first alley northwest of Venice Blvd. (known as the Centinela Ave. and Venice Blvd. Sewer District), under the 1911 act. Bids previously received on Aug. 21 were rejected. Engineer's estimate, $54,-341.86.

The items are:

(1) Lump sum, sanitary sewer complete, not inc. house connections or resurfacing, involving:
1,341.20 ft. 10-in. extra strength vit. clay pipe inc. 64 x10x6-in. wyes and 5 10x6-in. tees;
11,962.31 ft. 8-in. std. strength vit. clay pipe, inc. 521 8x6-in. wyes;
9,016.49 ft. 8-in. extra strength, vit. clay pipe, inc. 347 8x6-in. wyes;
41 standard manholes S (Standard Plan No. 17935);
7 standard junction chambers F (Standard Plan No. 27937);
1 standard junction chamber H (Standard Plan No. 27952);
8 standard junction chambers G (Standard Plan No. 27950);
3 standard drop manholes S)std. Plan No. 27965);
3 standard drop manholes S (Std. (Standard Plan No. B-1611);
10 standard flush tanks (Standard Plan No. B-713 and D-3296, Sec. 102);
3 standard flush tanks (Standard Plan No. B-742 and D3296, Sec. 102);
3 standard flush tanks (Standard Plan No. B-741 and D-3296, Sec. 102);
7 standard lampholes X (Standard Plan 27949);
40 manhole frame and cover sets (Plan No. B-1742);
41 manhole frame and cover sets (Plan No. B-1743);
(2) 4360 ft. 6-in. vit. clay house connection sewers, inc. 290 ft. 6-in. ⅛th bends;
(3) 39 vertical ft. chimney pipe;
(4) 4409 sq. ft. Class A resurfacing;
(5) 278,790 sq. ft. Class AA resurf.;
(6) 23 sq. ft. Class C resurfacing;
(7) 253 sq. ft. Class D resurfacing.

BIDS OPENED

PASADENA, Calif. — Oliver United Filters, Inc., San Francisco, submitted the only bid to the Pasadena city directors June 1 at $10,769.22 (assembled) and $9,945.22 (non-assembled) for furnishing sewage sludge de-watering apparatus.

BIDS WANTED

HAMILTON FIELD, Marin Co., Cal. —Until June 15, 11 A. M., bids will be received by the Quartermaster, Hamilton Field, San Rafael, under Bid No. QM 373-36-15, for furnishing and installing a 500-gpm. vertical sewage pump, powered by a 15-h.p. gasoline engine in the sewage pumping plant at Hamilton Field.

Plans and specifications obtainable from the above office.

33— WATER WORKS

CONTRACT AWARDED

SANTA BARBARA, Cal.—Dorr Co., Central Bldg., Los Angeles, at $16,900 awarded contract (subject to approval by the PWA), by the Santa Barbara city council for furnishing 68,000 lbs. clarifier mechanism for 2 squares clarifiers and 16,000 lbs. flocculator mechanism for 2 flocculator basins. Complete bids published May 28.

CONTEMPLATED

NORTH SACRAMENTO, Cal.—The Chamber of Commerce will name a committee to investigate formation of a joint district with Hagginwood for constructing water system.

BIDS WANTED

SANTA BARBARA, Cal.—Until June 11, 1 P. M., bids will be received by the City of Santa Barbara for furnishing 52,000 lbs. of electrically welded steel pipe and fabricated steel fittings in sizes 12- to 24-in. in dia. for filtration plant and Sheffield reservoir. Quinton, Code and Hill-Leeds & Barnard, 905 Edison Bldg., Los Angeles, are consulting engineers.

34 — PARKS AND PLAYGROUNDS

BIDS REJECTED

HOLLYWOOD, Los Angeles Co., Cal.—Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., has rejected all bids received for planting and seeding grounds at the Hollywood post office.

BIDS WANTED

MT. VERNON, Wash.—Uutil June 19, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for seeding and planting grounds at the U. S. Post Office, Mount Vernon.

BIDS WANTED

SAN DIEGO, Cal.—Until June 16, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway San Diego, under Spec. No. 8219, for nonclimable wire fence at the Naval Operating Base (Marine Corps Base) San Diego.

The work includes, in general, the furnishing and installing of approximately 5170 l.f. of nonclimable wire fence including two pairs of gates (20-ft. wide openings each) and five single pedestrian gates (4-ft. wide openings each).

Specifications obtainable from above office upon deposit of $10.00.

BIDS OPENED

SAN FRANCISCO. — Rockwood Sprinkler Co., 7 Front St., at $1,248 submitted low bid to Department of Public Works, for furnishing and installing lawn sprinkling system for San Francisco War Memorial buildings, at Van Ness Ave., Grove, Franklin and McAllister Streets.

Complete bids follow:

Rockwood Sprinkler Co.	$1,248
Herman Lawson Co.	1,433
Scott Company	1,467

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO. — Pacific Nurseries, Colma, at $431, submitted low bid to Department of Public Works for planting at the Lawton School, Lawton St. bet. 30th and 31st Aves.

Complete bids follow:

Pacific Nurseries, Colma	$431.00
Walter A. Hoff, S. F.	483.85
California Nurseries, S. F.	664.00

Bids held under advisement.

BIDS OPENED

SAN MATEO, San Mateo Co., Cal. —Kurt Schmidt, San Mateo, at $404.90 submitted low bid to Treasury Dept., Washington, D. C., for seeding and planting grounds at the U. S. post office, San Mateo.

Complete bids follow:

Kurt Schmidt, San Mateo	$404.90
California Nursery Co., Niles	735.00
New Peninsula Nursery, San Mateo	737.00
The Cities Nursery, San Mateo	770.75

Bids held under advisement.

BIDS OPENED

SAN BENITO COUNTY, Cal.—Leo F. Piazza, 296 N 6th St., San Jose, at $19,973.45 submitted low bid to the State Highway Commission, Sacramento, for landscape development at the junction of Routes 2 and 22, San Benito County.

The work involves:

(1) 42 each Key No. 1 plants;
(2) 94 each Key No. 2 plants;
(3) 14 each Key No. 3 plants;
(4) 6 each Key No. 4 plants;
(5) 12 each Key No. 5 plants;
(6) 27 each Key No. 6 plants;
(7) 13 each Key No. 7 plants;
(8) 9 each Key No. 8 plants;

(9) 10 each Key No. 9 plants;
(10) 444 each Key No. 10 plants;
(11) 444 each Key No. 11 plants;
(12) 21 each Key No. 12 plants;
(13) 10 each Key No. 13 plants;
(14) 19 each Key No. 14 plants;
(15) 12 each Key No. 15 plants;
(16) 35 each Key No. 16 plants;
(17) 72 each Key No. 17 plants;
(18) 52 each Key No. 18 plants;
(19) 14 each Key No. 19 plants;
(20) 14 each Key No. 20 plants;
(21) 1,100 each Key No. 21 plants;
(22) 2,200 c.y. rdwy. excav., unclass.;
(23) 266 c.y. struc. excav.;
(24) 1,000 c.y. selected top soil;
(25) 272 c.y. Class B Portland cement concrete (curbs and footings);
(26) 16,400 c.y. adobe construction;
(27) 21 c.y. cement mortar caps;
(28) 750 l.f. property fences moved & reset;
(29) 1,340 l.f. 1½-in. galv. iron pipe;
(30) 560 l.f. 1-in. galv. iron pipe;
(31) 440 l.f. ¾-in. galv. iron pipe;
(32) 1 pumping unit;
(33) 1 lot misc. items of work;
(34) 4 each monuments complete in place.

Total bids follow:
(A) Leo F. Piazza, San Jose, $19,-973.45.
(B) Bodenhamer Const. Co., Oakland, $23,679.22.
(C) Rexroth & Rexroth, Bakersfield, $29,224.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 2.86	$ 2.20	$ 3.00
(2)	3.60	2.57	3.50
(3)	3.60	2.20	4.00
(4)	3.60	2.20	4.00
(5)	2.13	2.20	4.00
(6)	2.13	1.32	1.50
(7)	1.25	1.03	1.50
(8)	1.54	1.47	1.50
(9)	1.54	1.10	1.50
(10)	1.40	1.03	1.50
(11)	1.40	.88	1.50
(12)	1.40	1.47	1.50
(13)	5.80	4.05	10.00
(14)	1.10	.40	1.00
(15)	1.25	1.10	1.50
(16)	1.25	.80	1.50
(17)	1.25	.95	1.50
(18)	1.25	.95	1.50
(19)	1.25	.95	1.50
(20)	1.25	.95	4.00
(21)	.26	.10	.05
(22)	.75	.55	2.00
(23)	1.00	1.50	3.00
(24)	.90	.95	3.00
(25)	15.50	20.50	20.00
(26)	.49	.58	.50
(27)	25.00	25.75	50.00
(28)	.07	.06	.25
(29)	.30	.38	.40
(30)	.27	.28	.35
(31)	.21	.25	.35
(32)	260.00	482.00	700.00
(33)	865.00	2472.00	2000.00
(34)	3.00	4.00	5.00

BIDS OPENED

SAN FRANCISCO. — Pacific Nurseries, Colma, at $397, submitted low bid to Department of Public Works for planting at Marina Junior High School, Fillmore Street bet. Bay and Chestnut.

Complete bids follow:

Pacific Nurseries, Colma	$397.00
Walter A. Hoff, S. F.	522.75
California Nurseries, S. F.	770.09

Bids held under advisement.

35— TUNNELS

BIDS OPENED

LOS ANGELES, Cal.—Mike Radich and C. T. Brown, 410 N Formosa St., Los Angeles, at $75,881.40 submitted low bid to D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, for the construction of the Ivanhoe Reservoir outlet tunnel and appurtenant structures under Spec. No. X-25, a PWA project. The site of the work is approximately 4 miles northerly of 2nd and Broadway, Los Angeles.

The work involves:
(1) excavate 1447 l.f. tunnel from Glendale Blvd. to screen well;
(2) line with concrete and complete 1447 l.f. tunnel (item 1);
(3) excavate shaft and construct a concrete gate tower, inc. 4 sluice gates and other appurtenances, involving 400 c.y. excavation and 159 c.y. concrete;
(4) excavate 113 l.f. tunnel from screen well to Ivanhoe reservoir
(5) line with concrete and complete 113 l.f. tunnel (item 4);
(6) excavate 156 l.f. tunnel from the screen well to Silver Lake reservoir;
(7) line with concrete and complete 156 l.f. tunnel (item 6);
(8) furnish and install 27 l.f. 40x⅜-in. steel pipe at east portal of tunnel in Ivanhoe reservoir;
(9) excavate tunnel approach, Ivanhoe reservoir 475 c.y. excav.;
(10) construct headwall at tunnel portal in Ivanhoe reservoir, 13 c.y.;
(11) excavate tunnel approach in Silver Lake reservoir, 75 c.y. excavation;
(12) construct headwall at tunnel portal in Silver Lake reservoir, 13 c.y.

Total bids follow:
(A) Mike Radich and C. T. Brown, Los Angeles, $75,881.40.
(B) Emsco Concrete Corp., Los Angeles, $78,107.50.
(C) R. A. Wattson, Los Angeles, $82-752.55.
(D) Case Const. Co., Alhambra, $97,-556.20.

LOW BIDDERS

YAKIMA PROJECT, Wash.—Morrison-Knudsen Co., P. O. Box 1518, 318 Broadway, Boise, Idaho, at $292,012 submitted low bid to the Bureau of Reclamation, Yakima, C. E., Crownover, Construction Engineer, under Spec. No. 682, for construction of Tunnel No. 1, Station 59 plus 38 to Station 102, Yakima Ridge Canal, Roza Division, Yakima Project.

Sam Orino, Realty Bldg., Spokane, at $353,191 submitted second low bid, and V. R. Dennis Constr. Co., San Diego, at $384,539 submitted third low bid.

Complete bids will be published shortly. * 5

29— STREETS AND HIGHWAYS

BIDS OPENED

ALAMEDA COUNTY, Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at $8,197.20 submitted low bid to the Division of Highways, Jno. H. Skeggs District Engineer, State Building, San Francisco, for approximately 0.1 mile grading and surfacing with plant-mixed surfacing in the City of Oakland at the Berkeley city line.

The work involves:
(1) 8,000 c.y. rdwy. excav., unclass.;
(2) 15 c.y. structure excavation;
(3) 207,200 sta. yds. overhaul;
(4) 3,450 s.y. preparing subgrade;
(5) 2,850 s.y. finishing slopes;
(6) 410 tons mineral aggregate in place (plant-mixed surf.);
(8) 3 tons liquid asphalt, MC-2;
(9) 21 tons liquid asphalt, MC-5, or extra heavy, in place (plant-mixed surfacing);
(10) 2 tons liquid asphalt, MC-3 in place (seal coat);
(11) 2 tons liquid asphalt, SC-1A, in place (shoulders);
(12) 1.5 tons liquid asphalt, SC-2, in place (shoulders);
(13) 25 tons screenings in place (seal coat and shoulders);
(14) 2 storm water inlets complete in place;
(15) 17 l.f. 10-in. vit. clay pipe complete in place;
(16) 200 l.f. laminated guard railing in place.

Total bids follow:
(A) Hanrahan Co., San Francisco, $8-197.20.
(B) Lee J. Immel, Berkeley, $9,989.50.
(C) W. H. Larson, Oakland, $10,-226.50.
(D) Ransome Co., Emeryville, $10,-255.94.
(E) Granfield-Farrar & Carlin, S. F., $11,017.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$0.26	$0.36	$ 0.38	$0.37	$0.30
(2)	1.40	1.50	2.00	2.50	.50
(3)	.001	.005	.005	.0052	.01
(4)	.09	.10	.09	.12	.10
(5)	.10	.10	.11	.105	.20
(6)	2.10	2.29	2.25	2.37	2.50
(7)	3.00	4.00	3.50	3.30	3.75
(8)	35.00	20.00	24.00	23.00	20.00
(9)	25.00	16.00	18.00	20.00	20.00
(10)	28.00	20.00	27.00	23.00	20.00
(11)	28.00	15.00	20.00	23.00	13.00
(12)	28.00	15.00	24.00	25.00	15.00
(13)	3.50	2.70	3.00	3.50	2.50
(14)	75.00	60.00	100.00	62.50	40.00
(15)	1.00	2.50	2.00	1.25	2.00
(16)	2.00	1.00	1.80	1.50	1.00

BIDS WANTED

SACRAMENTO COUNTY, Calif. — Until June 22, 10 a.m., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for the construction of an asphaltic armor top surface on Greenback Lane.

The work involves:
(1) 2,500 tons crushed rock;
(2) 1,874 tons screenings;
(3) 309 tons liquid asphalt, 95 plus.

Plans and specifications obtainable from the office of County Surveyor John Rooney upon deposit of $10.

BIDS WANTED

SACRAMENTO COUNTY, Calif. — Until June 22, 10 a.m., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for constructing shoulders on the Lower Stockton Road.

Work consists of placing 23,555 sq. yds. of cementic road rock, furnished by the county. Contractor will be required to haul the rock approximately three miles, place in shoulders, and cover with 50-60 road oil.

Specifications obtainable at the office of County Surveyor John Rooney upon deposit of $10. *

LOW BIDDER

RIVERSIDE COUNTY, Calif. — Oswald Bros., 366 E. 58th St., Los Angeles, at $65,160.40 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 2.4 mile grading and paving with plant-mixed surfacing in Riverside County, between the San Bernardino County line and Beaumont.

Complete bids will be published shortly. * 29

LOW BIDDER

LOS ANGELES COUNTY, Calif. — C. F. Robbins, 602 Fairmount Ave., Glendale, at $50,716.40 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 0.6 mile grading and paving with Portland cement concrete in Los Angeles County at Walnut Canyon.

Complete bids will be published shortly. * 29

CONTRACT AWARDED

ALCATRAZ ISLAND, Calif.—Ingersoll-Rand Co., at $411.33 awarded contract by the Bureau of Prisons, Alcatraz Island Penitentiary, J. A. Johnson, Warden, under Bid No. PI-135, for furnishing one two-stage air compressor with 80-gal. tank.

Complete bids published May 21.

MACHINERY & MATERIAL

Bid calls for construction machin ery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

OAKLAND CITY

OAKLAND, Cal.—Until June 9, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for furnishing brick, emulsified pre-mix, lumber, and sewer pipe for the fiscal year.

Specifications obtainable from above office.

WAR DEPARTMENT

FORT MASON, Cal.—Until June 8, 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-333, for furnishing six electric water heaters and 3 distribution transformers, 60 cycle, single phase, alternating current.

Specifications obtainable from the above office.

EAST BAY UTILITY DIST.

OAKLAND, Calif. — Until June 10, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, for furnishing miscellaneous materials as follows:

PROP. NO. 755: 250,000 c.f. oxygen gas and 200,000 c.f. acetylene gas;

SPEC. NO. L. S. 177: Electric welding of approx. 7,000 l.f. on 36-inch steel pipe line 20,000 ft. in length;

PROP. NO. 753: (a) 25 tons of quick lime delivered at Corporation Yard (b) 150 tons do delivered at Valley Springs, out of Stockton; (c) 50 tons hydrated lime delivered at Corporation Yard;

SPEC. NO. L. S. 175: 200,000 gallons emulsified asphalt to be delivered fob district trucks at bidder's plant.

Specifications obtainable from above office.

NAVY DEPARTMENT

SAN FRANCISCO.—Until June 11, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Customhouse, San Francisco, under Bid No. 868-36-34, for furnishing Manila rope for delivery in California, Oregon, Washington and Honolulu, T. H.

Specifications obtainable from above office.

WAR DEPARTMENT

SAN FRANCISCO.—Until June 9, 10 A. M., bids will be received by Capt. S. W. Hulse, Constructing Quartermaster, Fort Mason, under Bid No. W 6616-36-36, for furnishing one feed water heater, de-aerating and metering type, without meter, capacity 40-000 lbs. per hour.

Specificatons obtainable from above office.

FORT MASON, Cal.—Until June 13, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-341, for furnishing 100 gals. synthetic enamel, 40 gals. enamel thinner and 20 gals. synthetic remover.

Specifications obtainable from above office.

TEHAMA COUNTY

RED BLUFF, Tehama Co., Cal.—Until June 11, 7:30 P. M., bids will be received by the Board of Trustees of Red Bluff Union High School Dist., Fred H. Weeks, Clerk, for furnishing one automobile pick-up and one school bus with a capacity of 54 students. Bids may be submitted on the bus complete or on chassis and body separately.

Specifications obtainable from the above office.

BERKELEY CITY

BERKELEY, Cal.—Until June 16, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing approximately 500 tons of Type B and Type C asphaltic concrete surfacing materials.

Specifications obtainable from the above office.

BERKELEY, Cal.—Until June 16, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing library furnitnre for the new North Berkeley branch library, The Alameda and Hopkins Street.

Specifications obtainable from the above office.

MET. WATER DISTRICT

LOS ANGELES, Calif.—Until June 18, 2 p.m., bids will be received by the Metropolitan Water District of Southern California, 306 W. 3rd St., Los Angeles, for furnishing structural steel radial gates and gate hoists, wall plates, and anchor bolts for same, under Spec. No. 158. Bids will be received on five schedules. Schedules 1 and 2 are for furnishing 6 radial gates for wasteways. Schedule 2 is for furnishing wall plates and anchor bolts for 5 radial gates, and Schedules 4 and 5 are for furnishing 6 hand-operated radial gate hoists. Schedules 1, 3 and 4 are alternative respectively to Schedules 2 and 5. Schedules 1, 3 and 4 provide for delivery at the bidder's plant. Schedules 2 and 5 provide for delivery f.o.b. cars at the railheads nearest the job or, at the bidder's option, for delivery f.o.b. trucks at the job.

Each proposal must be accompanied by a certified or cashier's check in an amount not less than 10 per cent.

CANAL ZONE

PANAMA CANAL ZONE—Until June 11, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3151, for furnishing 60,000 bbls. Bunker "C" fuel oil.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE—Until June 16, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Pamana Canal, Washington, D. C., under Schedule No. 3152, for furnishing 35,000 bbls. of Diesel oil.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

SAN FRANCISCO CITY

SAN FRANCISCO, Cal.—Until June 19, 3 p.m., bids will be recieved by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1500, for furnishing machine shop equipment and tools for the School Department.

Specifications obtainable from the above office upon deposit of $10.

U. S. FOREST SERVICE

SAN FRANCISCO, Calif.—Bids will be received by P. C. Brown, Procurement Officer, Forest Service, 916 Phelan Bldg., San Francisco, as follows:

June 9, 2 p.m.:

BID No. 824—8 rippers, complete with hydraulic operating cylinders, hydraulic pumps, control valves, connecting hoses, etc., for installation on Cletrac 55 tractors.

June 10, 2 p.m.:

BID No. 825—5 drag scrapers, 4 c.y. size, without tractors but with power takeoffs and double drum hoist controls, complete, for attachment to Allis Chalmers Model "75."

June 11, 2 p.m.:

BID No. 826—2 drag scrapers, 3 c.y. size, without tractors, but complete with hydraulic operating cylinders, hydraulic pumps, control valves, connecting hoses, etc., for attachment to Caterpillar "50" tractors

June 12, 2 p.m.:

BID No. 847—8 rippers, complete with power takeoff and double drum hoist controls, for installation on Allis Chalmers "75" tractors.

Specifications obtainable from the above office

GOVERNMENT ISLAND, Cal.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

Government Island.

JUNE 8, 2 P. M.:

BID NO. 3584: 3,000 ft. ¾-in. water hose and 96 ft. 2½-in. suction hose fob bidder's shipping point and/or Government Island;

BID NO. 3585: 1 oxy-acetylene welding and cutting outfit for Susanville and one do for Willows; fob bidder's shipping pt. and/or destinations shown.

Specifications obtainable from above office.

SAN FRANCISCO.—Bids will be received by P. C. Brown, Procurement Officer, Forest Service Supply Depot, 916 Phelan Bldg., 760 Market St., as follows:

JUNE 15, 2 P. M.:

BID NO. 843: 4 concrete mixers, size 7-S, two-wheel trailer type with gasoline engine; fob Government Island.

JUNE 16, 2 P. M.:

BID NO. 846: 15 trailbuilder attachments, cable controlled; fob Oakland.

GOVERNMENT ISLAND, Cal.—Bids will be received by Frank Haynie, Supply Officer, Forest Service, Supply Depot, Government Island, Oakland, as follows:

JUNE 5, 2 P. M.:

BID NO. 3587: 5225 lbs. wire, open, 12 ga. NBSG, bare copper; fob San Diego;

BID NO. 3586: 300 miles No. 9 BWG iron telephone wire; fob Government Island.

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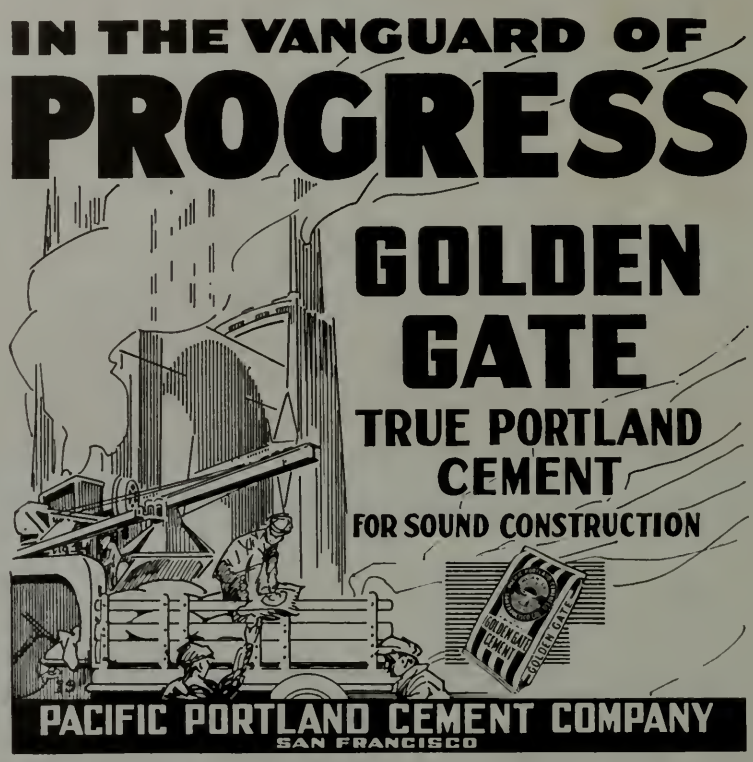

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$685,000 Exposition Contract Bids June 24; Shoals Work Ahead Schedule

Bids will be received June 24 for constructing two steel and concrete airplane hangars on the Yerba Buena Shoals airport site, E. G. Cahill, manager of public utilities, announced yesterday. The buildings are estimated to cost approximately $685,000. They will be used during the 1939 Golden Gate International Exposition as exhibit buildings, the construction costs being borne jointly by the Exposition Corp. and PWA.

The buildings are to be located at the south end of the 430-acre exposition site. They will be constructed on pile foundations. Work is expected to start early in July, however, possibility of delay in proceeding with the contract has been mentioned because of difficulty in obtaining labor. Under the existing PWA regulations labor on the contract will be limited to a 30-hour week of five 6-hour days. Contractors are reporting increasing difficulty in obtaining building mechanics on these terms because of the demand for men on private work where they can obtain higher pay by working eight hours a day and forty hours a week.

Plans for the hangars were prepared by the Exposition Corporation architectural and engineering staff under Architect W. P. Day, director of works, and the Exposition Architectural Commission of which Architect George Kelham is chairman.

Directors of the Golden Gate International Exposition yesterday received the first annual report of Leland W. Cutler, president, and re-elected officers of the organizations.

Besides Cutler, those chosen to continue at the head of the Fair were Atholl McBean, chairman of the board; B. B. Meek, Kenneth R. Kingsbury, and George D. Smith, vice-presidents, and John F. Forbes treasurer.

Chosen as general counsel was Col. Allen G. Wright, wh ohas filled the office as secretary since organization of the Exposition Company. He will also continue in the latter post, as acting secretary until his successor is picked.

In the absence of Mr. Cutler, who is in the East, his report was read by Mr. Meek.

The report called attention to the fact that construction of the Exposition is proceeding ahead of schedule, with more than 3,000,000 cubic yards of sand alrealy pumped into the fair site at Yerba Buena shoal and more than 1,000 ft. of the rock retaining wall in place.

Mr. Cutler reported that progress has been "more than satisfactory," and hailed accomplishments to date as "an augury of a most successful exposition in 1939." He pointed out that the past two weeks have seen Congress accord the Exposition official Federal recognition, and empower President Roosevelt to invite foreign countries to participate in the fair.

Financing operations are going ahead satisfactorily, Mr. Cutler reported, and private subscriptions to be raised later, coupled with Federal grants already received totaling more than $6,200,000, assure the completion of the Exposition on time.

$95,000 WHARF BIDS JUNE 22

Oakland Board of Port Commissioners is receiving bids June 22 on a contract to construct a timber apron wharf extension to the Ninth Avenue terminal. The work is estimated at $95,000. It includes a section of wharf 506 x 42 feet, with fender system, asphalt concrete pavement, shipside railroad tracks, piping, etc. Plans were prepared by the port engineering department. They are available to prospective bidders on deposit of $25.

STAFF OF 225 FOR HIGHWAY PLAN SURVEY

California Division Seeks Men For Year's Road-Traffc Study

The California State Division of Highways has filed a request with the State Employment Service for 225 men to be employed for a year or more in a complete survey of the State's highway system bieng conducted jointly by the State and the U. S. Bureau of Public Roads. The survey will cost approximately $250,000.

It will involve a complete mapping of the highway system, topographical studies and traffic counts. Trucks will be weighed and he effect of truck traffic on various types of surface will be noted.

California's study will be part of the national survey determined upon by the Bureau of Public Roads as a means of long range planning for the nation's highway development. The new Hayden-Cartwright appropriation provides that one and one-half per cent of the total be used in continuing such surveys and plans.

Personnel requirements of the State for the present survey are listed with the labor division as follows:

Four assistant highway engineers, 25 road inventory party chiefs, 25 recorders, 25 road inventory department clerks, 10 draftsmen, five supervisors of a blanket traffic count, 66 traffic recorders, two supervisors of weight survey to determine traffic loads, seven party chiefs to direct pit scale crews, four engineering sides, 26 general clerks, 25 typists and one holleriter key punch operator.

1937 WATER WORKS MEET IN SACRAMENTO

Sacramento has been chosen for the 1937 convention of the California section of the American Water Works Assn., it was announced yesterday during the annual convention in Los Angeles.

BIDS JUNE 30 FOR $600,000 L. A. PRISON

Plans Available Here For U. S. Jail Contract At San Pedro

A $600,000 Federal prison at San Pedro is to be contracted this month by the Treasury Department for the U. S. Bureau of Prisons. Bids will be opened in Washington June 30, on a contract for the general work and a separate contract for furnishing and installing elevators.

The prison buildings will be erected in a restangle, covering an area of 680 by 250 feet. The units will face a central court, separate buildings being planned for administrative offices, storage warehouse shops, power house, dormitories, recreation rooms, cell blocks, auditorium, mess halls, etc.

Walls, partitions, floors and roof will be of reinforced concrete. Cold storage and refrigeration system, heating and ventilating system, power plant and steam distributing lines all are included in the general contract.

Plans may be obtained from Architect W. A. Newman, district engineer for the Treasury Department, Federal Office Building, San Francisco, or from the Treasury Department, Washington, D. C.

Army Planning Early Start on Sacramento Base

Appointment of Captain A. W. Parker to be constructing quartermaster for the Army Air Corps supply base at Sacramento is reported unofficially from Washington. Capt. Parker was attached to the Ninth Corps Area headquarters office several years ago and since that time has been in Washington.

Temporary offices for the constructing staff will be established in Sacramento shortly, possibly in the old Southern Pacific terminal post office building. An appropriation of $4,000,000 for immediate construction is included in the second deficiency bill and authorization for $3,000,000 additional, for which money will be provided when required.

Contractors seeking information about the air base project are invited by the Sacramento Chamber of Commerce to address letters to the Constructing Quartermaster in care of the chamber. These will be held and delivered to the officer in charge as soon as he arrives in Sacramento. Mechanics seeking employment on the base construction contracts also may enter their applications with the chamber of commerce.

$45,700,000 Construction And Equipment Expenditure Proposed For S. F. Subways

San Francisco's rapid transit system, proposing subways in Market, Mission, Geary and Montgomery streets, will require an estimated expenditure of $45,700,000 on construction and equipment, exclusive of right-of-way purchase and interest charges in the construction period, according to the report filed with the Board of Supervisors by E. G. Cahill, manager of utilities. The amount includes, subway excavation, tunnels, stations, tracks, signals, rolling stock change over and additional cars, and new carbarns and shop.

The total cost of the proposed system is distributed as follows:

Market Street Route	$17,900,000
Mission Street-Bernal Cut Route	14,200,000
Geary-Montgomery Street Route	13,600,000
Right-of-way to be acquired	1,000,000
Interest during construction	6,000,000
	$52,700,000

The Market Street route extends from Church Street east to Fremont, with an extension under Fremont to the Bay Bridge Terminal, between Mission and Howard and Fremont and First. This route is to be subsurface over its full length, connecting at Church Street with surface lines of the Municipal Railway. It will require 2½ miles of double track subway.

Costs of major units in this project are estimated:

Market Street Subway

Fremont to Gough, 1.86 miles	$12,650,000
Tunnel, Gough to Church, 0.44 mile	1,200,000
Fremont Street subway, 0.19 mile	2,650,000
Track, signals, electrical work, car changes, carhouse & trial operation	1,400,000
	$17,900,000

The initial Mission subway would branch from the Market subway at Van Ness Avenue, South, and extend southerly under Mission to Twenty-fourth Street and the Southern Pacific Company right-of-way which would be utilized to a ramp bringing tracks to the surface in the neighborhood of Dolores and Twenty-seventh Streets. From that location they would continue on the surface over the old Southern Pacific right-of-way and thru Bernal Cut to Monterey Boulevard. The total length from Market St. is 3½ miles, of which two miles will be in subway and 1½ miles on the surface.

Costs of the major units in this section are estimated:

Mission Street Route

Eleventh and Market Sts. to 24th and Mission, 1.64 mi.	$ 9,500,000
Twenty-fourth and Mission Sts. to Monterey Blvd., 1.89 mi., exclusive of right-of-way	3,000,000
Track, signals, electrical work, cars, trial operation	1,700,000
	$14,200,000

Terminal of the Geary-Montgomery section would be at Hamilton Square, near Steiner Street. From Steiner Street the subway would run under Geary to Market. In Market between Kearny and Montgomery it would parallel the Market route in such way as to provide convenient transfer contact with that line. At Montgomery the route would turn north and after bisecting the financial district come to the surface in Columbus Avenue.

Estimated costs of this section are:

Geary-Montgomery Route

Scott to Buchanan Street subway, 0.38 mi.	$ 1,720,000
Buchanan to Van Ness tunnel, 0.47 mi.	1,625,000
Van Ness to Kearny subway, 1.00 mil	5,955,000
Market and Kearny to Montgomery and Columbus Ave. subway, 0.53 mi.	3,700,000
Tracks, signals, electrical work, equipment changes and trial operation	600,000
	$13,600,000

Underground stations are planned at intervals averaging one-third of a mile. Those on Market Street, and possibly some other locations, will be of the mezzanine type. These have a floor between the street surface and the train platform which gives passenger the privilege of entering or leaving the station from either side of Market Street. Pedestrians desiring to cross the street may also use the mezzanine floor as an underground passage.

At the bridge terminal plans are to construct passenger ramps and stairways with provision for installation of escalators to connect the subway and interurban train platforms.

San Jose Adopts $145,000 Street Improvement Plans

San Jose city council has approved a $145,636 street improvement program will be financed with state gas tax funds, subject to approval of the State Division of Highways. City Engineer W. L. Popp is authorized to prepare plans and specifications for work on the following thoroughfares:

Fourth Street, $99,800; San Carlos Street, $16,450; Park Ave., $10-325; Polhemus-Taylor, $7,900; Julian Street, $13,100.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1135	Happy	Birdsall	4000
1136	Happy	Birdsall	4000
1137	Happy	Birdsall	4000
1138	Happy	Birdsall	4000
1139	Happy	Birsdall	4000
1140	Howard	Tait	19000
1141	Sneider	Akard	2500
1142	Rothschild	Bernhardt	3000
1143	Sterling	Wagner	4000
1144	Reco	Owner	4000
1145	Reco	Owner	4000
1146	Basler	Owner	1000
1147	Piombo	Owner	3500
1148	Blausteln	Owner	4500
1149	Stoneson	Owner	3500
1150	McKeener	Cobby	1400
1151	Benson	Owner	3950
1152	McEvoy	Cobby	2000
1153	New	Windeler	1360
1154	Nathan	Owner	1000
1155	Cornblum	Owner	3000
1156	Cornblum	Owner	3000
1158	Quinn	Owner	1250
1159	Sterling	Emanuel	8000
1160	Krueger	Anderson	3500
1161	Perott	Well	4000
1162	Maffei	Kimball	1000
1163	Gabiati	Owner	1000
1164	Arnott	Owner	3500
1165	Arnott	Owner	3500
1166	Arnott	Owner	3500
1167	Arnott	Owner	3500
1168	Arnott	Owner	3500
1169	Arnott	Owner	3800
1170	Arnott	Owner	3500
1171	Allied	Lindgren	9500
1172	Boe	Owner	5000
1173	Lindsay	Owner	3500
1174	Lindsay	Owner	3500
1175	Lindsay	Owner	3500
1176	Stoneson	Owner	3500
1177	Stoneson	Owner	3500
1178	Brunn	Owner	3000
1179	Lindsay	Owner	3500
1180	Crocker	Teza	1450
1181	Nemer	Aoyal	3275
1182	Stoneson	Owner	3500
1183	Tower	Hardy	1500
1184	Childrens	——	3000
1185	Childrens	——	3500

DWELLING
(1135) W TWENTY - NINTH AVE. 150 N Rivera St. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St.
Architect—Not Given.
Contractor — S. K. Birdsall, 646 47th Ave., San Francisco. $4000

DWELLING
(1136) W TWENTY - NINTH AVE. 225 N Rivera St. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Ave., San Francisco. $4000

DWELLING
(1137) W TWENTY-NINTH AVE. 250 N Rivera St. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St.
Architect—Not Given.
Contractor—S. K. Birdsall, 464 47th Ave., San Francisco. $4000

DWELLING
(1138) W TWENTY - NINTH AVE. 175 N Rivera St. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Ave., San Francisco.

DWELLING
(1139) W TWENTY - NINTH AVE. 200 N Rivera St. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 30th Ave. and Rivera St.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Ave., San Francisco. $4000

FLATS
(1140) N JACKSON ST. 188 W Broderick St. Three-story frame flats.
Owner—Henry T. Howard, 580 Market St., San Francisco.
Architect—Not Given.
Contractor—Wm. C. Tait, 883 Market St., San Francisco. $19,000

STORE
(1141) W BRODERICK ST. 125 N North Point St. One-story frame store.
Owner—F. W. Sneider, % Contractor
Architect—Not Given.
Contractor—W. C. Akard, 225 Cervantes Blvd. $2500

STORE
(1142) S TARAVAL 85 E 21st Ave. One-story frame store.
Owner—S. V. Rothschild, care contractor.
Architect — Hyman and Appleton, 68 Post Street.
Engineer—H. Rosenthal.
Contractor—Bernhardt & Cowen, 924 Taraval St. $3,000

ALTERATIONS
(1143) 1049 MARKET ST. Alter store.
Owner—Sterling Furniture Co., premises.
Architect—Gardner A. Dailey, 210 Post Street.
Contractor—Geo. Wagner, 181 South Park. $5,000

DWELLING
(1144) E ALEMANY BLVD. 210 N Ottawa. One-story and basement frame dwelling.
Owner and Builder—Reco Corp., 1136 Clement Street.
Architect—Not Given. $4,000

DWELLING
(1145) W EIGHTH AVE. 150 N Fulton St. One-story and basement frame dwelling.
Owner and Builder—Reco Corp., 1136 Clement Street.
Architect—Not Given. $4,000

DWELLING
(1146) N VALLEY 254 W Diamond. One-story frame dwelling.
Owner and Builder—Jack W. Balser. 167 Humboldt Road.
Architect—Not Given. $1,000

ALTERATIONS
(1147) 124 PARKER AVENUE. Alter flats.
Owner—L. Piombo, premises.
Architect—Not Given. $3,500

DWELLING
(1148) E 27th AVE. 175 N Anza. Two story and basement frame dwelling.
Owner and Builder — Sam Blaustein. 559 21st Ave.
Architect—W. E. Huson, 2808 Pierce Street. $4,500

DWELLING
(1149) SW MT. VERNON ST. 150 SE Cayuga Ave. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(1150) NO. 184 PARKER AVE. Alter dwelling.
Owner—J. McKeever, Premises.
Architect—Not Given.
Contractor—J. W. Cobby & Son, 260 Tehama St., San Francisco. $1400

DWELLING
(1151) E THIRTY-FOURTH AVE. 33 S Santiago St. One-story and basement frame dwelling.
Owner—Andrew J. Benson, 2324 15th Ave., San Francisco.
Architect—Not Given. $3950

ALTERATIONS
(1152) NO. 190 PARKER AVE. Alter dwelling.
Owner—J. W. McEvoy, 220 Anza St., San Francisco.
Architect—Not Given.
Contractor—J. W. Cobby & Son, 260 Tehama St., S. F. $2000

ALTERAATIONS
(1153) SE SEVENTEENTH A N D Sanchez Sts. Alter laundry.
Owner — New Method Laundry, 407 Sanchez St., San Francisco.
Engineer—W. H. Archer, 564 Market St., San Francisco.
Contractor—Geo. Windeler, 2201 Jerrold Ave., S. F. $1360

FLATS
(1154) W NOE ST. 245 S 30th St. One-story frame flats.
Owner — Robert Nathan, 35 Laidley St., San Francisco.
Architect—Not Given. $1000

DWELLING
(1155) N RHINE 50 W Flournoy St. One-story and basement frame dwelling.
Owner—A. Cornblum, 437 Kearny St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1156) N RHINE ST. 100 W Flournoy St. One-story and basement frame dwelling.
Owner—A. Cornblum, 437 Kearny St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(1158) 2459 LARKIN ST. Alter apts.
Owner—F. B. Quinn, 2034 Beach St.
Architect—Not Given. $1250

ALTERATIONS
(1159) 1053-7 MARKET ST. Alter store.
Owner—Sterling Furniture, 1045 Market Street.
Architect—Not Given.
Contractor—L. & E. Emanuel, Inc., 2665 Jones St. $8,000

DWELLING
(1160) W 30th AVE. 275 N Fulton St. One - story and basement frame dwelling.
Owner—L. Krueger, 2681 28th Street.
Architect—Not Given.
Contractor—J. A. Anderson, 2321 Cecilia Avenue. $3500

DWELLING
(1161) E 17th AVE. 290 N Quintara. One - story and basement frame dwelling.
Owner—Edward F. Peroot, 519 California Street.
Architect—Not Given.

Contractor—Well - Built Homes, Inc., 519 California St. $4,000

ALTERATIONS
(1162) 1045 GENEVA Avenue. Alter dwelling.
Owner—Louis D. Maffei, premises.
Architect—Not Given.
Contractor—Fred M. Kimball, 128 9th Avenue. $1,000

ALTERATIONS
(1163) SE PACIFIC AVENUE AND Montgomery St.
Owner—L. Gabiati, 383 Broadway.
Architect—Not Given. $1,000

DWELLING
(1164) W CECILIA AVE. 28 S Rivera St. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1165) W CECILIA AVE. 121 S Rivera St. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval St., San Francisco.
Architect—Not Given $3500

DWELLING
(1166) W CECILIA AVE. 59 S Rivera St. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1167) W CECILIA AVE. 90 S Rivera St. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval St., San Francisco.
Architect—Not Given $3500

DWELLING
(1168) W CECILIA AVE. 152 S Rivera St. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval St., San Francisco.
Architect—Not Given $3500

DWELLING
(1169) SW RIVERA ST. AND CECILIA Ave. One-story and basement frame dwelling.
Owner—Jas. Arnott & Sons, 633 Taraval St., San Francisco.
Architect—Not Given. $3800

DWELLING
(1170) W CECILIA AVE. 183 S Rivera St. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval St., San Francisco.
Architect—Not Given $3500

ALTERATIONS
(1171) NW POST AND STOCKTON Sts. Alter hotel.
Owner—Allied Properties, Clift Hotel San Francisco.
Architect—G. A. Lansburgh, 321 Bush St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., S. F. $9500

DWELLING
(1172) W FAIRFIELD WAY 72 S Kenwood Way One - story and basement frame dwelling.
Owner—A. M. Boe, 700 Joost Ave., San Francisco.
Architect—Not Given. $5000

DWELLING
(1173) E CAYUGA AVE. 120 N Seneca Ave. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1174) E CAYUGA AVE. 170 N Seneca Ave. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1175) E CAYUGA AVE. 145 S Seneca Ave. One-story and basement frame dwelling.
Owner—C. T. Yindsay, 140 Dubzoco Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1176) SE ROME ST. 188 NE Mt. Vernon St. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1177) SE ROME ST. 163 NE Mt. Vernon St. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1178) E TWENTY-THIRD AVE. 150 N Ortega St. One-story and basement frame dwelling.
Owner—Carl F. Brunn, 1308 Hayes St San Francisco.
Architect—Not Given $3000

DWELLING
(1179) E CAYUGA AVE. 195 N Seneca Ave. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given $3500

ALTERATIONS
(1180) NO. 675 BROADWAY. Alter restaurant.
Owner—Crocker First National Bank, Montgomery and Post St., S. F.
Architect—Not Given
Contractor—Mark Teza, 2668 Diamond St., San Francisco $1450

ALTERATIONS
(1181) NO. 1053 MARKET ST. Alter store
Owner—Marie Nemer, 943 Market St., San Francisco.
Architect—Not Given.
Contractor—Royal Show Case Co., 770 McAllister St., S. F. $3275

DWELLING
(1182) SE ROME ST. 213 NE Mt. Vernon St. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given $3500

ALTERATIONS
(1183) NO. 1015 MARKET STREET. Alter store.
Owner—Tower of Jewels, Inc., Prem.
Architect—Not Given.
Contractor—A. N. Hardy, 736 Clementina St. $1500

ALTERATIONS
(1184) CALIFORNIA AND MAPLE Sts. Alter hospital.
Owner—Childrens Hospital, Prem.
Architect—Not Given.
Contractor—Not Given. $3000

ALTERATIONS
(1185) CALIFORNIA AND MAPLE Streets. Alter hospital.
Owner—Childrens Hospital, Premises
Architect—Not Given.
Contractor—Not Given. $3500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
869	Van Ness	Owner	2700
870	Owens	Custodis	2842
871	Owens	Custodis	5290
872	Owens	Custodis	62000
873	Lapham	Lapham	1000
874	Terwilliger	Schneck	2000
875	Beery	Wiggins	6000
876	Seghetti	Owner	4200
877	Van Ness	Owner	2700
878	Wallace	Anthony	2000
879	Tuck	Owner	2800
880	Centina	Early	1000
881	Wright	Owner	2200
882	Davis	Krattenmarker	1600
883	Stevens	Schulz	6000
884	Brodner	Malmstrom	4500
885	Bigge	Kelly	5800
886	Hammer	Owner	1250
887	Gleandrot	Jensen	4000
888	Stover	Acme	2500
889	Allegretti	Philbrick	2500
890	State	Clinton	360857
891	Soares	Pressler	5000
892	Bucan	Delucchi	1600
893	Jordan	Nicholson	4763

DWELLING
(869) NO. 3930 PATTERSON AVE., **OAKLAND.** One-story five-room dwelling.
Owner—L. E. Van Ness.
Architect—Not Given. $2700

CHIMNEY BASE
(870) ND. 4000 ALAMEDA AVENUE **OAKLAND.** Two concrete chimney bases.
Owner — Owens-Illinois Pacific Co., 1855 Folsom St., San Francisco.
Architect—Not Given.
Contractor—Alphons Custodis, 96 Nassau St., New York. $1421 each

CHIMNEYS
(871) NO. 4000 ALAMEDA AVENUE, **OAKLAND.** Three reinforced concrete chimnies.
Owner—Owens-Illinois Pacific Co., 1855 Folsom St., San Francisco.
Architect—Not Given.
Contractor—Alphons Custodis, 96 Nassau St., N. Y. $5290 each

BUILDING
(872) NO. 4000 ALAMEDA AVENUE **OAKLAND.** Two-story corrugated iron building.
Owner — Owens-Illinois Pacific Coast Co., 1855 Folsom St., S. F.
Architect—Not Given.
Contractor—Alphons Custodis, 96 Nassau St., New York. $62,000

DWELLING
(873) NO. 907 HILLCROFT CIRCLE, **OAKLAND.** Two - story 8-room dwelling.
Owner—A. R. Lapham, 947 Hillcroft Circle, Oakland.
Architect—Not Given.
Contractor — Theo. H. Lapham, 546 Kenmore Ave., Oakland. $10,000

ALTERATIONS
(874) NO. 4158 LAKESHORE AVE., **OAKLAND.** Alterations and addition.
Owner—Dr. G. H. Terwilliger.
Architect—Not Given.
Contractor—A. W. Schneck, 3127 Herriott Ave., Oakland. $2000

DWELLING
(875) NO. 1907 CARTER STREET, **OAKLAND.** Two-story six-room dwelling.
Owner—J. C. Beery.
Architect—Williams & Wastell.
Contractor—Wiggins & Swanson, 77 Stratford Road, Berkeley. $6000

DWELLING
(876) NO. 1316 FIFTIETH AVENUE, **OAKLAND.** One - story six-room dwelling.
Owner—A. Seghetti, 1207 51st Avenue, Oakland.
Architect—Not Given. $4200

DWELLING
(877) NO. 3924 PATTERSON AVE., **OAKLAND.** One-story five-room dwelling.
Owner—Elbert Van Ness, 5826 Morse Drive, Oakland.
Architect—Not Given. $2700

ALTERATIONS
(878) NO. 2206 SHATTUCK AVE., **BERKELEY.** Alterations.
Owner—W. E. Wallace, Premises.
Architect—Not Given.
Contractor—J. B. Anthony, 2014 Shattuck Ave., Berkeley. $2000

ADDITION
(879) NO. 1451 THIRTY - SECOND St., **OAKLAND.** One-story addition to shop.
Owner — George A. Tuck, 100 Santa Paula Ave., San Francisco.
Architect—Not Given. $2800

REPAIRS
(880) NO. 1812 SIXTY-SIXTH AVE. **OAKLAND.** Fire repairs.
Owner—A. B. Centina, 1812 66th Ave., Oakland.
Architect—Not Given.
Contractor—F. J. Early Jr., 366 40th St., Oakland. $1000

ALTERATIONS
(881) NO. 2935 BROADWAY, **OAKLAND.** Alterations.
Owner—S. C. Wright, 1524 Lafayette St., Alameda.
Architect—Not Given. $2200

ALTERATIONS
(882) NO. 7500 FOOTHILL BLVD., **OAKLAND.** Alterations and additions.
Owner—S. A. Davis, 7506 Foothill Blvd., Oakland.
Architect—Not Given.
Contractor—C. J. Krattenmaker, 5322 James Ave., Oakland. $1600

DWELLING
(883) 622 GRIZZLY PEAK BLVD., **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner—Geo. Stevens, 1805 Highland Place, Berkeley.
Architect—R. W. Jeans, 244 Kearny St., San Francisco.
Contractor—H. K. Schulz, 811 Mendocino St., Berkeley. $6000

DWELLING
(884) NO. 2713 SHASTA STREET, **BERKELEY.** Two-story 5-room frame dwelling and garage.
Owner—A. G. Brodner, Premises.
Architect—Not Given.
Contractor — J. B. Malmstrom, 6856 Broadway Terrace, Berkeley $4500

SHOP
(885) NO. 1659 TWENTY-FOURTH St., **OAKLAND.** One-story shop.
Owner—H. W. Bigge, 1638 24th St., Oakland.
Architect—Not Given.
Contractor—Kelly & Tullock, 335 8th St., Oakland. $5800

DWELLING
(886) NO. 6621 HERZOG STREET, **OAKLAND.** Two-story 3 - room dwelling.
Owner—N. I. Hammer, 1095 56th St., Oakland.
Architect—Not Given. $1250

DWELLING
(887) NO. 5821 MORPETH STREET, **OAKLAND.** One-story five-room dwelling.
Owner—A. J. Geandrot.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor—Jensen & Pedersen, 3413 Adeline St., Oakland. $4000

DWELLING
(888) NO. 10,000 BURR ST., **OAKLAND.** One-story 5-room dwlg.
Owner—Gay H. Stover, 8730 Foothill Blvd., Oakland.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Contractor — Acme Constr. Co., 354 Hobart St., Oakland. $2[illegible]

ADDITION
(889) NO. 2145-53 THIRTY-FIFTH Ave., **OAKLAND.** One-story steel addition.
Owner—J. C. Allegretti, 2145 35th Ave. Oakland.
Architect—Not Given.
Contractor—A. L. Philbrick, 424 Euclid Ave., Oakland. $2500

ADMINISTRATION BLDG.
(890) E END SAN FRANCISCO-Oakland Bay Bridge, **OAKLAND.** Three-story Class B administration building.
Owner—State of California, 500 Sansome St., San Francisco.
Architect — Timothy L. Pflueger, 580 Market St., San Francisco.
Contractor—Clinton Constr. Co., 923 Folsom St., S. F. $360,857

DWELLING
(891) NO. 1927 CARTER STREET, **OAKLAND.** One-story six-room dwelling
Owner—Henry P. Soares, 2914 Minna Ave., Oakland.
Architect—Not Given
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland. $5000

ALTERATIONS
(892) NO. 1141 PERALTA STREET, **OAKLAND.** Alterations and addition.
Owner—J. Bucan, Premises.
Architect—Not Given
Contractor—P. Delucchi & Son, 5443 Claremont Ave., Oakland. $1600

DWELLING
(893) NO. 52 ELROD AVE., **OAKLAND.** One-story five-room dwlg
Owner—J. C. Jordan, Oakland.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland
Contractor — D. W. Nicholson, 550 Blossom Way, San Leandro. $4763

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
56	Sandroni	Rocca	8700
57	Roman	Dowd	4881
58	Roman	Knittle	5129

DWELLING
(56) N FILBERT ST. 182 W Hyde St. All work for two-story frame dwelling.
Owner — Giuseppe and Giuseppina Sandroni, 770 Filbert St., S. F.
Architect—Not Given.
Contractor—Frank Rocca, 2935 Franklin St., San Francisco.
Filed June 4, '36. Dated May 27, '36.
Excavation & foundations completed $1740
Roof completed 1740
Brown coated 1740
Building completed 1740
Usual 35 days 1740
TOTAL COST, $8700
Bond, $8700. Surety, ——. Limit. Sept. 27, 1936. Forfeit, none. Plans and specifications filed.

PLUMBING, ETC.
(57) SE BROADWAY AND FRANKlin St. All work for furnishing and installing all plumbing for St. Brigids School.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco.
Contractor—Dowd & Welch, 3516 16th St., San Francisco.
Filed June 10, '36. Dated May 28, '36.
End of each month 75%
Usual 35 days 25%
TOTAL COST, $4881
Bond, $4881. Surety, Hartford Accident & Indemnity Co. Limit, Oct. 16, 1936. Forfeit, $50 per day. Plans and specifications filed.

(58) FURNISHING AND INSTALLing all heating work on above.
Contractor—Knittle Bros., 224 Fifth St., San Francisco.
Filed June 10, '36. Dated May 15, '36.
Payments same as above .....
TOTAL COST, $5129
Bond, $5129. Surety, Massachusetts Bonding & Insurance Co. Limit, Oct. 16, 1936. Forfeit, $50 per day. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
72	U. Of. C.	Dinwiddie	——
74	City	Norgrove	11969
73	Jordan	Nicholson	4763

ALTERATIONS
(72) UNIVERSITY OF CALIFORNIA Campus, Berkeley. All work for alterations to Henry Morse Stephens Memorial Hall.
Owner—University of California.
Architect—G. W. Kellham, 315 Montgomery St., San Francisco.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.
Filed June 5, '36. Dated May 28, '36
Fee of 7½% payable to contractor for supervision of work. This fee to be 7½% of total cost.
TOTAL COST, $——
Bond, limit, forfeit, plans and specifications, none.

RESIDENCE
(73) LOT 11 Claremont Terrace, Oakland. All work for frame residence and garage.
Owner—J. C. Jordan.
Architect—Wm. Edw. Schirmer, Bank of America Bldg., Oakland.
Contractor — D. W. Nicholson, 550 Blossom Way, San Leandro.
Filed June 8, '36. Dated May 10, '36.
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, $4763
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

FIRE HOUSE
(74) NINTH AND CEDAR STS., being Lots 18 to 27 Blk 58 Tract E, Berkeley. All work for fire house.
Owner—City of Berkeley.
Architect—Jas. W. Plachek, 511 Mercantile Bldg., Berkeley.
Contractor—C. M. Norgrove, 613 Key Route Blvd., Berkeley.
Filed June 9, '36. Dated June 8, '36.
Each 30 days 75%
Usual 35 days 25%
TOTAL COST, $11,969
Bonds, Performance, $2992.25; Labor and Material, $5984.50. Surety Standard Accident Indemnity Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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4.—Factories and Warehouses
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6.—Garages and Service Stations
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8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 2459 Larkin Street.
Alterations to apartments.
Owner—F. B. Quinn, 2034 Beach St., San Francisco.
Architect—Not Given.

Sub-Bids Being Taken.
APARTMENTS Cost, $50,000
SAN FRANCISCO. N Beach Street E Avila.
Three-story and basement frame and stucco apartment building (18 2- and 3-room apts.) steam heating system, wood sash, hardwood floors, colored tile baths, electric refrigeration, etc.
Owner and Builder—Viggo Rasmussen 1690 Beach Street.
Architect—R. R. Irvine, 2048 Market.
Structural Engineer—James M. Smith, 251 Kearny Street.

Bid Opening Postponed.
APARTMENTS Cost, $——
SAN MATEO, San Mateo Co., Calif. Seville and El Camino Real.
Two-story frame and rustic apartment building (four 4-room apts.) Colonial type; shingle roof, hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Bids were scheduled to be opened June 8, but has been postponed for a few days.

3— CHURCHES

Preparing Working Drawings
ALTER CHURCH Cost, $15,000
RICHMOND, Contra Costa Co., Calif.
Alterations and additions to church building (add Sunday School, etc.)
Owner — First Presbyterian Church, Richmond.
Architect—Charles F. Maury, Monadnock Bldg., San Francisco.
Bids will be asked about Aug. 15th.

Bid Opening Postponed Until June 19, 6 P. M.
CHURCH Cost, $——
TAFT, Kern County, Calif.
One-story church building.
Owner—First Methodist Church of Taft.
Architect—Not Given.
Bids will be opened by the Building Committee, George W. Garner, Chairman, at 7:30 P. M. on June 19.
Plans and specifications may be obtained from the chairman.
Date was previously set for June 5.

Contract Awarded
ALTERATIONS Cost, $6,000
FRESNO, Fresno Co., Calif. M Street and Divisadero.
Alterations to church building.
Owner—First Congregational Church.
Architect—Not Given.
Contractor—Harris Const. Co. 577 McKinley St., Fresno.

4— FACTORIES & WAREHOUSES

CHIMNEY CONTRACT AWARDED
OAKLAND, Ala. Co., Calif.—Owens-Illinois Pacific Coast Company, 85 Second Street, San Francisco, awarded a contract to the Alphone Custodis Chimney Construction Company, New York at approximately $20,000, for the construction of three, 200-foot concrete chimneys to be erected at the new glass manufacturing plant on Fruitvale and Alameda Avenues, Oakland. Kaj Theill, 580 Market St., San Francisco, is the structural Engineer and P. J. Walker Company, Sharon Building, San Francisco, managers of construction.

Contract Awarded
ADDITION Cost, $2,742
SAN JOSE, Santa Clara Co., Calif. Auzerais St. near Sunol Street.
Addition to cannery, Plant No. 54.
Owner—California Packing Corp., 101 California St., San Francisco.
Engineer—Philip Bush, 101 California St., San Francisco.
Contractor—J. C. Bateman, 573 Hedding St., San Jose.

Contract Awarded
STORAGE BLDG. Cost, $30,000
SACRAMENTO, Sacramento Co., Cal.
One-story steel and concrete storage building (80x242 feet) steel sash, corrugated iron roof, metal fire doors, etc.
Owner—Bekin Van & Storage Co.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Structural Engineer—R. J. Fisher.
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.

Plans Being Figured—Bids Close June 17.
WAREHOUSE Cost, $——
OAKLAND, Alameda Co., Calif. Pier St. bet. Ferry and Terminal.
One-story steel frame warehouse (80x 170 feet).
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner

Sub-Contracts Awarded
SHED EXTENSION
Contract Price, 49,240
OAKLAND, Alameda Co., Cal. Outer Harbor.
Superstructure for extension to Transit Shed No. 2 (270 feet northerly extension) steel and concrete construction).
Owner — City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Contractor—E. T. Lesure, 87 Ross Circle, Oakland.
Roofing—General Roofing Co., 3985 Beach St., Oakland.
Plumbing—Scott Co., 113 Tenth St., Oakland.
Electric Wiring—Spencer Electric Co., 2059 Webster St., Oakland.
Sheet Metal—Central Sheet Metal Works, 3246 Ettie St., Oakland.
Glass—W. P. Fuller & Co., 259 10th St., Oakland.
Lumber—Sam Humphrey, 2844 Madera St., Oakland.
Steel Sash—Gleason Steel Prod. Co., 1310 63rd St., Oakland.
Steel Rolling Doors—Kinnear Mfg. Co. 361 Brannan St., San Francisco.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.

Bids Opened.
WAREHOUSE Cost, $——
SACRAMENTO, Sacramento Co., Cal. Third and R Streets.
One-story reinforced concrete warehouse.
Owner — Thomson-Diggs Co., Sacramento.
Structural Engineer — T. Ronneberg. Crocker Bldg., San Francisco.
Low BidderWilliam C. Keating, 1121 24th St., Sacramento.
Complete bids follow:

Wm. C. Keating, Sacto.	$ 76,500
Campbell Constr. Co., Sacto.	77,714
Barrett & Hilp, S. F.	78,784
K. E. Parker Co., S. F.	79,770
H. W. Robertson, Sacto.	79,980
Dinwiddie Constr. Co., S. F.	80,500
Lindgren & Swinerton, Sacto.	82,387
Holdener Constr. Co., Sacto.	82,860
C. J. Hopkinson, Sacto.	85,940
Clinton Constr. Co., S. F.	87,500
MacDonald & Kahn, S. F.	100,000

Bids held under advisement.

Sub-Contracts Awarded
FACTORY Cost, $13,500
SAN FRANCISCO. S Folsom Street E Juniper Street.
One-story Class C concrete factory.
Owner—Lawrence A. Myers, 58 Sutter Street.
Architect—Hyman & Appleton, 68 Pist Street.
Contractor—Jacks & Irvine, 620 Market Street.
Roofing—Alta Roofing Co., 976 Indiana Street.
Plastering—Gene Martinelli, 355 15th Avenue.
As previously reported, structural steel awarded to Schrader Iron W'ks, Inc., 1247 Harrison St.; reinforcing steel to Gunn, Carle & Co., 20 Potrero Avenue.

Contract Awarded.
SHOP Cost, $6500
OAKLAND, Alameda Co., Cal. No. 1659 24th Street.
One-story shop.
Owner—H. W. Bigge, 1638 24th St., Oakland.
Architect—Not Given.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.

Bids Wanted—To Close June 24, 3 P. M.
HANGARS Cost, $685,300
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Two permanent airplane hangars (pile foundations, reinforced concrete and steel construction).
Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President) Financial Center Bldg., San Francisco.
Architect — W. P. Day, Director of Works, Financial Center Building, San Francisco.
Specifications W. D. 107.
Plans and specifications may be obtained from the San Francisco Water Department, Room 605, 425 Mason St., upon deposit of $20.00.

Contract Awarded
WAREHOUSE Cost, $22,200
STOCKTON, San Joaquin Co., Calif. 940-48 East Church Street.
One-story brick warehouse.

Owner—Eastside Warehouse Company
Architect—Not Given.
Contractor—T. E. Williams, P. O. Box 93, Stockton. *

5— FLATS

Sub-Bids Being Taken.
FLATS Cost, $20,000
SAN FRANCISCO. N Jackson St. W Broderick Street.
Three-story frame and stucco flats ,1 6 room and 1 7 room flats) 2 baths eacsh; tar and gravel roofing, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Henry T. Howard.
Architect — Henry T. Howard, 580 Market St.
Contractor—Wm. C. Tait, 833 Market St., San Francisco.

Plans Being Prepared.
FLATS Cost, $11,000 each
SAN FRANCISCO. Rossi Avennue (Francisco Heights).
Nine two-story and basement frame and stucco flat buildings (2 5 room flats in each building) gas heating systems, wood sash, tile baths, hardwood floors, etc.
Owner and Builder — Ben Liebman, 3319 Fillmore St., San Francisco.
Architect—R. R. Irvine, 2048 Market St., San Francisco.
Sub-bids will be taken within a week.

7— FEDERAL BUILDINGS

Contract Awarded
POST OFFICE Contract Price, $62,688
UKIAH, Mendocino Co., Calif. NW Oak and Perkins Streets.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Robt. McCarthy, 1363 14th Ave., San Francisco.
Complete bids published May 11.

BIDS WANTED
NAPA, Napa Co., Calif.—Until July 3, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for decorative painting, plastering, etc., in the U. S. post office at Napa.
Specifications obtainable from above office and from the Custodian of the building at Napa.

BID OPENING DATE POSTPONED
SUMMIT, C. Z.—Until July 8, 11 A. M. (date postponed from June 24) bids will be received by Bureau of Yards & Docks, Navy Department, Washington, D. C., for the construction of facilities building; four quarters, refrigeration system in the barracks building and roads and walks at the Naval Radio Station, Summit, C. Z. Est. cost, $140,000. Spec. No. 7890.
The work includes concrete, brick and hollow tile, steel and iron work, tile and built-up roofing, sheet metal work, steel windows, metal and metal-covered doors, metal studding, and lathing; plaster and stucco, marble and tile work, carpentry and joinery; metal and wood screens; water distribution, and sewage; plumbing, refrigeration and electric work; and bituminous macadam roads.
Plans and specifications may be obtained from above office upon deposit of $30.00.

CONTRACT AWARDED
SAN DIEGO, Cal. — V. R. Dennis Constr. Co., P. O. Box F, Station A, San Diego, at $3895 awarded contract by Bureau of Yards and Docks, Navy Department for intercommunicating telephone system at San Diego.

CONTRACT AWARDED
SAN FRANCISCO—Ceco Weather Strip & Screen Co., Chicago, Ill., at $325 awarded contract by Treasury Department for furnishing and installing insect screens in the San Francisco Post Office.

CONTRACT AWARDED
SANTA MARIA, Santa Barbara Co., Cal.—Ceco Weatherstrip & Screen Co., Chicago, Ill., at $289 awarded contract by Treasury Department, Washington, D. C., for furnishing and installing insect screens in the U. S Post Office, Santa Maria.

BIDS OPENED
STOCKTON, San Joaquin Co., Cal. —Public Buildings Contractors, Bronx New York, at $497 submitted only bid to Procurement Division, Public Works Branch, Washington, D. C., for installing insect screens and window ventilators in the U. S. Post Office at Stockton.

BIDS WANTED
SAN FRANCISCO.—Until June 22, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing metal shelving in the U. S. Federal Office Building, San Francisco.
Plans and specifications may be obtained from above office and from the Custodian of the building, San Francisco.

BIDS WANTED
SAN PEDRO, Los Angeles Co., Cal. —Until June 30, 1 P. M., bids will be received by the Procurement Division Public Works Branch, Washington, D. C., for furnishing and installing one freight elevator in the new jail building to be erected at Reservation Point, San Pedro.
Plans and specifications may be obtained from above office and at the office of the District Engineer, W. A. Newman, 232 Federal Office Bldg., San Francisco.
No deposit required for one set of plans and specifications.

LOW BIDDER
VENTURA, Ventura Co., Calif.—R. F. Kurt Haas, Los Angeles, submitted low bid to the Procurement Division at $176 for plaster models for the Ventura post office. Other bids were: B. Mako, $198; Van Waldt-Hausen Studio, $437.

CONTRACT AWARDED
PEARL HARBOR, T. H.—Honolulu Iron Works, Queen St., Honolulu, at $233 awarded contract by Bureau of Yards and Docks for asphalt tile flooring in Quarters No. 401, Kuahua, T. H.

BIDS OPENED
PT. ARENA, Mendocino Co., Cal.— F. J. Horiup, Petaluma, at $4,913.26 submitted low bid to Associate Civil Engineer, Government Island, for the plumbing and heating system at the Coast Guard Station, Point Arena.
Complete bids follow:
F. J. Horiup, Petaluma.....$4,913.26
M. J. Reeves Heating Co., San Francisco 4,989.00
J. H. Pinkerton Co., S. F..... 5,929.00
Bids held under advisement.

BIDS WANTED
NEAH BAY, Washington — Until June 19, 2 P. M., bids will be received by Andrew Foudchy, Associate Civil Engineer, Room 219, Administration Bldg., Government Island, for remodeling boat room and alterations to launchway at the tCoast Guard Station, Government Island.
Plans and specifications may be obtained from above office. *

WILLAPA, Wash.—Until June 15, 2 P. M., bids will be received by Andrew Fourchy, Associate Civil Engineer, Room 219, Administration Bldg., Government Island, for heating and plumbing system and grading at the Coast Guard Station, Willapa, Wash.
Plans and specifications may be obtained from above office. *

BIDS OPENED
PUGET SOUND, Wash.—Otis Elevator Co., 1 Beach St., San Francisco at $3,794 submitted low bid to Bureau of Yards and Docks, Navy Department, for furnishing and installing freight elevator for Building No. 104 at Puget Sound. Only other bid was submitted by the Montgomery Elevator Co., San Francisco, at $4,344.
Bids held under advisement.

Bids Wanted—To Close June 30, 1 P. M.
FEDERAL JAIL Cost, $600,000
SAN PEDRO, Los Angeles Co., Calif. Reservation Point.
New federal jail to serve Southern California and Arizona.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Plans and specifications may be ob-
BIDS WANTED
tained from above office and from W A. Newman, District Engineer, 232 Federal Office Bldg., San Francisco. No deposit required.
The plant will be built in the shape of a rectangle and will cover an area of 680x250 feet. It will consist of a number of units constructed around a central court, including an administration building, storage warehouse, shops, power house, dormitories, recreation rooms, cell blocks, auditorium mess hall, service rooms, etc.
The walls, partitions, floors and roof will be built of reinforced concrete, timber pile foundations, metal skylights, waterproofing concrete stack with brick lining, architectural terra cotta, prison equipment, tubular doors steel rolling curtains, detention type windows, vault and arsenal doors, hollow metal work, metal plumbing enclosures, steel partitions, composition roofing, insulation, stucco, refrigeration system, cold storage and refrigeration rooms, boiler plant, steam distribution system, vacuum heating system, fan blast, heating for outside cell blocks, ventilating apparatus, elevators, steel tank and tower, granolithic work, etc.

CONTRACT AWARDED
FORT POINT, San Francisco—Jas. H. Pinkerton Co., 927 Howard St., at $3523 awarded contract by Andrew Fourchy, Assistant Civil Engineer, Room 219, Administration Building, Government Island, for alterations and repairs to crew's quarters, including new boiler room, heating plant and new floors, etc., at Fort Point, Presidio, San Francisco.

CONTRACT AWARDED
SANTA CLARA Cal.—Ceco Weather Strip & Screen Products Co., Chicago, Ill., at $295 awarded contract by the Treasury Dept., Washington, D. C., for furnishing and installing insect screens in the U. S. Post Office at Santa Clara.

BIDS WANTED
MERCED, Cal.—Until July 3, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for decorative painting plaster, etc., in the U. S. Post Office, etc., at Merced.
Specifications may be obtained from the Custodian of the building at Merced. No deposit required.

8— CLUB BUILDINGS

Sub-Contracts Awarded
ALTERATIONS Cost, $7500
SAN FRANCISCO. 1355 Franklin St.
Alterations to Club building.
Owner—Century Club.
Architect—Not Given.
Contractor—N. F. Nielsen, 2869 Green Street.
Plumbing—Frank J. Klim, 456 Ellis.
Electric Wiring—Frank F. Goodman, 1466 33rd Avenue.
Brick Work—Nick Anderson, 2427 24th Avenue.
Lumber—Beronia Lumber Co., Powell and Beach Streets.
Hardware—E. M. Hundley, 666 Mission Street.
Concrete—A. C. Anderson, 4775 19th.
Elevator—Otis Elevator Co., 1 Beach.

9— HOSPITALS

Bid Opening Date Postponed Until June 22, 12 Noon.
ADDITION Cost, $80,000
SAN FRANCISCO. Geary Street and Fifth Avenue.
Two-story reinforced concrete Class A addition to French Hospital (new surgery and maternity units)
Owner—French Hospital Association.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Date was previously set for June 8. (7154) 1st report June 13, 1935; 6th

Contract Awarded
ADDITION Cont. Price, $7,460
STOCKTON, San Joaquin Co., Calif. County Hospital.
Addition to county general hospital (psysiotherapy unit) hollow tile, metal stud and lath walls, etc.
Owner—County of San Joaquin.
Architect — Eric Johnson, Exchange Bldg., Stockton.
Contractor—J. C. Meyers, Rte. 1, Box 439, Stockton.

PLANS BEING FIGURED—BIDS CLOSE JUNE 17.
LOS ANGELES, Cal.—Architect H. O. Sexsmith, 6636 Hollywood Blvd., is taking bids from a selected list of contractors for a one-story and basement reinforced concrete hospital to be built at 13,840 Riverside Drive, Van Nuys district, for McKinley Home for Boys.

Bids Opened
ADDITION Cost, $160,000
CAMARILLO, Ventura Co., Cal. State Hospital.
Addition of Units 12 and 13 at State Hospital (addition to dining room and hall and new one-story industrial building) reinforced concrete construction, metal sash, tile roof, etc.)
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Low bids follow:
General Work—Los Angeles Contracting Co. and C. G. Wopschall, 4816 W Pico Blvd., Los Angeles, $112,465.
Heating and Ventilating—Scott Co., 243 Minna St., San Francisco, $8,678.
Electric—Seaside Electric Co., 97 So. Oak St., Ventura, $7,255.
Plumbing—Scott Co., 243 Minna St., San Francisco, $15,387.
Complete bids follow:

General Work
Los Angeles Contr. Co. and C. G. Wopschall, L. A. $112,465
L. F. Dow, Santa Monica 117,347
L. A. Geisler, Huntington Pk. 129,864

Plumbing
Scott Co., San Francisco $15,387
J. A. Fazio, Oakland 15,898
Johnston & Washer, L. A. 17,114
Munger & Munger, Pasadena 17,928

Heating and Ventilating
Scott Co., San Francisco ..... $ 8,678
Yale Riddell Co., L. A. 8,993
J. Herman Co., Los Angeles 9,260
American Engr. & Contr. Co., Los Angeles 9,471
Pacific Heating and Ventilating Co., Oakland 10,295
Johnston & Washer, L. A. 10,459
Munger & Munger, Pasadena 10,750

Electric
Seaside Electric Co., Ventura ..... $ 7,255
Central Electric Co., S. F. 7,700
H. H. Walker, Los Angeles 7,877
Coast Electric Co., L. A. 8,085
Moore Electric Co., L. A. 8,120
Bids held under advisement. *

Plans Being Figured—Bids Close June 16, 4 P. M.
ALTERATIONS Cost, $3500
SAN FRANCISCO. California and Maple Streets.
Alterations and additions to offices on first floor of hospital.
Owner—Children's Hospital.
Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.
Bids being received from a selected list of contractors only.

Plans Being Figured—Bids Close June 16, 4 P. M.
ALTERATIONS Cost, $3500
SAN FRANCISCO. California and Maple Streets.
Alterations and additions to X-Ray Department of Hospital.
Owner—Children's Hospital.
Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.

10— HOTELS

Contract Awarded
ALTERATIONS Cost, $10,000
SAN FRANCISCO. NW Post Street and Stockton.
Alterations to hotel.
Owner—Allied Properties, Clift Hotel.
Architect—G. A. Lansburgh, 321 Bush.
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.

12— POWER PLANTS

Planned.
AUDITORIUM Cost, $200,000
REDDING, Shasta Co., Calif.
New Civic Auditorium.
Owner—City of Redding.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Application will be filed with the PWA for a loan and grant to finance proposed structure.

Associated Architect Selected.
STATE CAPITOL Cost, $2,200,000
SALEM, Oregon.
Three-story State Capitol bldg. (light stone or marble facing, grilled windows and doors) rectangular shape, approx. 400x164 feet with cylindrical tower rising from center section to height of 166 feet; administrative office on first floor, legislative chambers, etc., on 2nd floor, assembly hall on 3rd; basement to contain barber shop, cafeteria and state dept. work rooms.
Owner—State of Oregon.
Architect — Goodhue Livingston, 1 0 1 Park Ave., New York.
Associated Architect—Whitehouse and Church, Railway Exchange Bldg., Portland. *

BIDS WANTED
FRESNO, Fresno Co., Calif.—Until June 16, 10 A. M., bids will be received by E. Dusenberry, Clerk, Fresno County Board of Supervisors for alterations and installation of metal counters, desks, filing equipment and other furnishings required for the Fresno County Hall of Records Bldg. in Fresno.
Plans and specifications may be obtained from W. D. Coates, architect, Rowell Bldg., Fresno.

Planned
CITY HALL, ETC. Cost, $25,00
ORLAND, Butte Co., Cal. SE Fourth and Swift Streets.
Two - story city hall, firehouse and jail.
Owner—City of Orland.
Architect—Not Selected.
Application will be filed with WPA to furnish labor.

PLANS COMPLETE
LOS ANGELES, Cal.—Engineer J. A. Barlow, 10206 Orton Avenue, West Los Angeles, has completed plans for a one-story power house (82x112-ft.) to be built at the 20th Century-Fox Film Studio, 10260 Orton Ave., West Los Angeles. Bids will be taken soon. Cost, $50,000.

BIDS WANTED
ALCATRAZ, Cal.—Until June 17, bids will be received by Department of Justice, Washington, D. C., for alterations and additions to power plant at the U. S. Penitentiary, Alcatraz Island. Spec. No. 843, Schedule 1164.
Plans and specifications may be obtained from above office.
One copy is on file at Alcatraz Island and may be inspected by those interested.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

PLANS COMPLETE
POMONA, Los Angeles Co., Calif.—Plans and specifications for Buildings 1 and 2 of live stock exhibit buildings, Los Angeles County Fairgrounds, Pomona, were filed with the county supervisors June 8 by R. E. Shonerd, county mechanical engineer. The proposed contracts will be as follows. General construction, Spec. No. 367; plumbing work, Spec. No. 368; electrical wiring and fixtures, Spec. No. 369. Buildings No. 1 with be 370x200 ft. and Building No. 2 291x87 ft., each one-story in height, containing pens, corrals, stalls, etc. The builidngs will have concrete foundation walls, footings, cement floors, piers, steps, walks curbs, platforms, storm drain catchbasin, redwood siding exterior, asphalt and gravel roofing, roofing felt, galvanized steel grating, carpentry, framing, finish hardware, galvanized metal work, plumbing, electric wiring and electric fixtures.

Preparing Working Drawings.
LIBRARY Cost, $35,000
SAN FRANCISCO. Bernal Heights District.
One-story reinforced concrete library building.
Owner—City and County of San Francisco.
Architect—F. H. Meyer, Kohl Bldg.

BIDS OPENED
SAN FRANCISCO—Western Asbestos Co., 675 Townsend St., at $3195 submitted only bid to Department of Public Woorks for acoustical correction in band practice rooms Nos. 12 and 464 in the San Francisco War Memorial building, Van Ness Ave. and McAllister Street.
Bids held under advisement.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Calif. No. 5821 Morpeth Street.
One-story frame and stucco residence (5 rooms).
Owner—A. K. Geandrot.

Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor—Jensen — Pedersen, 3443 Adeline St., Oakland.

Contract Awarded.
RESIDENCE Cost, $4763
OAKLAND, Alameda Co., Cal. Claremont Terrace.
One-story frame and stucco residence.
Owner—J. C. Jordan.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor — D. W. Nicholson. 550 Blossom Way, San Leandro.

Sub-Contracts Awarded.
RESIDENCE Cost, $7000
BURLINGAME, San Mateo Co., Calif. Lot 8 Blk 27, Bloomfield.
Two-story frame and stucco residence
Owner — J. S. Mattos, 231 N. Delaware St., Burlingame .
Architect—Not Given.
Contractor—Peninsula Builders, 1150 Burlingame Ave., Burlingame.
Roofing — Izmirian Sheet Metal & Roofing Co., San Mateo.
Plumbing—Frank McGuire, San Mateo
Electric Wiring — E. Cocconni, San Mateo.
Heating and Sheet Metal — Izmirian Sheet Metal & Roofing Co., San Mateo.
Tile Work—Suburban Tile Co., Redwood City.
Brick Work — R. E. Farrell, Menlo Park.
Lathing & Plastering—Walter Badle, San Carlos.
Lumber—San Mateo Planing Mill Co., San Mateo.
Steel Sash—Arthur H. Meyn Co., San Francisco.
Mill Work—Trollman Mfg. Co., Millbrae.
Painting—W. L. Ball, San Mateo.
Concrete—John Morle, Redwood City.

Contracts Awarded
SAN FRANCISCO. N Pacific Avenue
SAN FRANCISCO. N Pacic Avenue between Pierce and Scott Streets.
Two - story and basement frame and stucco residence (11 rooms and 4 baths) tile roof, warm air heating system, tile baths, hardwood floors wood sash, etc.
Owner—Withheld.
Architect—F. W. Dakin, 625 Market.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley.
Plumbing—Frank J. Klimm Co., Inc., 456 Ellis St.

June 10, 1936

Contract Awarded
RESIDENCE Cost, $18,813
PALO ALTO, Santa Clara Co., Calif. Crescent Park.
Two - story and basement frame and stucco residence.
Owner—Mrs. May Burrel Haehl.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor—Harry H. Dabinett, 959 Guinda St., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $5000
ALAMEDA, Alameda Co., Calif.
One and one-half-story frame and stucco residence (6 rooms and 2 baths) wood shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—J. R. Parkinson.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor—Harry Knight, 1435 Harrison St., Oakland.

Sub-Contracts Awarded
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 1766 Fulton Street.
Two-story frame and stucco residence
Owner—C. S. Salz.
Architect—Birge and David Clark, 310 University Ave., Palo Alto.
Contractor—R. C. Knight, 595 Bailey Ave., Mountain View.
Plumbing—Wallace and Stump, Palo Alto.
Electric Wiring—Stanford Elec. Co., Palo Alto.
Heating—George Mead, Palo Alto.
Tile Work—H. H. Broomhall, Belmont
Brick Work—Walker Bros., Palo Alto.
Lathing and Plastering—E. J. Silva, Menlo Park.
Lumber—McElroy-Cheim Lumber Co., Palo Alto.
Mill Work—Progress Mill, Palo Alto.
Painting—Otto Freeborn, Palo Alto.

Additional Contracts Awarded
RESIDENCE Cost, $12,000
SAN FRANCISCO. Germain Ave. W Twin Peaks Blvd.
Two-story frame and stucco residence
Owner—L. H. Nishkian.
Engineer—L. H. Nishkian 525 Market Street.
Contractor—J. H. Hjul, 128 Russ St.
Stairs—J. di Cristina & Son, 3150 18th Street.
Heating—Howe Furnace Co. 2222 Bush Street.
Case Work—Liberty Mill. 1335 Folsom Street.
Bids are being taken on plastering and roof tile.
As previously reported, concrete awarded to Readymix Concrete Co., 1280 Indiana St.; reinforcing steel to W. C. Hauck & Co., 280 San Bruno.

To Be Done By Day's Work.
RESIDENCE Cost, $11,000
OAKLAND, Alameda Co., Cal. No 6127 Acacia Avenue.
Two-story and basement frame and stucco residence (9 roomst).
Owner and Builder—H. P. Fisher, 376 17th St., Oakland.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $12,000
SAN JOSE, Santa Clara Co., Calif. No. 1605 Emory Street.
Two-story and basement frame and stucco residence (8 rooms).
Owner—J. E. Fitzgerlad, Pine Ave., San Jose.
Architect—Not Given.
Contractor — George Kocher, Notre Dame and Carlysle Sts., San Jose.

Contract Awarded.
DUPLEX RESIDENCE Cost, $8500
SAN JOSE, Santa Clara Co., Calif. No. 904 McKendrie Street.
Two-story frame and stucco duplex residence.
Owner — W. C. Kaneen, 76 East San Fernando St., San Jose.
Architect—Not Given.
Contractor—A. R. Calvelli, 1625 Emory St., San Jose.

Contract Awarded.
RESIDENCE Cost, $8750
BAYWOOD PARK, San Mateo Co.
Two-story frame and stucco residence
Owner—Charles W. Oaglie et al, San Bruno.
Architect—Not Given.
Contractor—Joseph Bettancourt, 422 San Anselmo Ave., San Bruno.

Contract Awarded.
RESIDENCE Cost, $6720
BURLINGAME, San Mateo Co., Calif. No. 1540 Coral Avenue.
Two-story frame and stucco residence
Owner—Frederick Seitz.
Plans by John Sorquist, 5811 California St., San Francisco.
Contractor—C. H. Bessett Bldg. Co., 826 Walnut Ave., Burlingame.

Plans Being Prepared
RESIDENCE Cost, $4,000
LOS ALTOS, Santa Clara Co., Calif.
One-story frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, tile floors in baths, tile drainboards, etc.
Owner—C. McGill.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Prepared
DUPLEX RESIDENCE Cost, $8,000
STOCKTON, San Joaquin Co., Calif.
Two - story and basement frame and stucco residence (one 6-room and one 5-room dwelling) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Bids will be taken in about 1 week.

Plans Being Figured
RESIDENCES Cost, $4500 each
SAN ANSELMO, Marin Co., Calif.
Three one-story and basement frame and stucco residences (five rooms each) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,194
SAN MATEO, San Mateo Co., Calif. Aragon Tract. Edenburgh Ave. and Sonora Ave.
Two-story frame, stucco and shingle residence.
Owner—D. J. Diamond.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Chas. Pedersen, 734 Prospect Ave., San Mateo.

To Be Done By Day's Work.
RESIDENCES Cost, $3000 each
SAN FRANCISCO. N Rhine St., 50 and 100 W Flournoy Street.
Two one-story and basement frame dwellings.
Owner—A. Cornblum, 437 Kearny St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6500
SAN MATEO, San Mateo Co., Cal. Lot 31 Blk 2-A Seville.
Two-story frame and stucco residence
Owner—Curtis Roth, 606 S. Delaware St., San Mateo.
Architect—Not Given.
Contractor—Hugo Huttberg, 29 San Mateo Drive, San Mateo. 14

Contract Awarded.
RESIDENCE Cost, $6500
BURLINGAME, San Mateo Co., Cal. Lot 6 Blk 4, Grove Street.
Two-story frame and stucco residence
Owner—H. H. Huckaba.
Architect—Not Given.
Contractor—Gordon Hess, 1446 Burlingame Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $7500
SAN MATEO, San Mateo Co., Calif. No. 215 Elm Street.
Two-story frame and stucco residence
Owner—Harry A. Cox.
Architect—Not Given.
Contractor—Roy Allen, 1919 Ivy St., San Mateo.

Contract Awarded.
RESIDENCE Cost, $6500
SAN MATEO, San Mateo Co., Calif. Avila Road.
One-story and basement frame and stucco residence.
Owner—H. C. Macertney.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, San Mateo. 4

Contract Awarded.
RESIDENCE Cost, $6500
SAN MATEO, San Mateo Co., Calif. Maple and Seville Way.
Two-story frame and stucco residence

Owner—C. W. Band, 1010 Palm St., San Mateo.
Architect—Not Given.
Contractor — Jos. H. McFarland, 710 47th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $3450
SAN JOSE, Santa Clara Co., Calif. S Younger Ave. bet. 2nd & 3rd Sts.
One-story frame and stucco residence
Owner—Angelo Di Salvo, San Jose.
Architect—Not Given.
Contractor—Salvatore Guardino, 690 Mission St., San Jose.

Contract Awarded.
RESIDENCE Cost, $8500
SAN MATEO, San Mateo Co., Calif. No. 218 Seville Avenue.
Two-story and basement frame and stucco residence.
Owner—John F. Lenden.
Architect—Not Given.
Contractor—E. S. Shaver, 2600 Easton Drive, Burlingame.

Sub-Bids Wanted
ADDITION Cost, $2,000
HAYWARD, Alameda Co., Cal. 19,-870 Waelton Ave. (Castro Valley).
Addition to residence (frame and stucco construction, oak floors, floor furnace, composition shingle roofing, etc.)
Owner—Withheld.
Architect—Not Given.
Contractor—Acme Const. Co., 354 Hobart St., Oakland.

Contract Awarded.
RESIDENCE Cost, $7500
SAN FRANCISCO. W Noe Street N Nineteenth Street.
Two-story and basement frame and stucco residence.
Owner—O. F. Zachorech.
Architect — Martin Sheldon, Monadnock Bldg., San Francisco.
Contractor — R. J. Forbes, Monadnock Bldg., San Francisco.

Plans Being Prepared.
RESIDENCES Cost, $6000 each
SAN FRANCISCO. Pinelake Park.
Two one-story and basement frame and stucco residences (6 & 7 rms.) tile roof and flat tile roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—A. J. Herzig, 2300 Ocean Ave. San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $——
PALO ALTO, Santa Clara Co., Calif.
Two-story frame and stucco residence
Owner—Wheeler H. Thayer.
Architect—J. K. Branner, 210 Post St. San Francisco.
B. Tunberg & Co., Box 732, Palo Alto, is the only contractor figuring the plans.

Contract Awarded.
RESIDENCE Cost, $——
SAN RAFAEL, Marin Co., Calif.
One-story and basement frame and stucco residence.
Owner—A. W. Feidler, San Rafael.
Plans by James A. Magee, 9 Bolinas Ave., Ross.
Contractor—R. Leonhart, 56 Tamalpais Ave., San Anselmo.

Contract Awarded.
ALTERATIONS Cost, $3000
PALO ALTO, Santa Clara Co., Calif. No. 215 Lowell Avenue.
Alterations to residence.
Owner—H. M. Creech, 215 Lowell Ave. Palo Alto.
Architect—Leslie Nichols, 532 Emerson St., Palo Alto.
Contractor — W. P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded.
ADDITION Cost, $2400
BELVEDERE, Marin Co., Calif.
Garage building with living quarters above.
Owner—Allan K. Hulme, Belvedere.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—Preston R. Burris, Box 445, Mill Valley.

Contract Awarded.
RESIDENCE Cost, $12,500
MILL VALLEY, Marin Co., Calif.
Two-story and basement frame and stucco residenece (9 rooms and 4 baths), shake roof, gas heating system, woor sash, hardwood floors, tile baths, wallboard, etc.
Owner—Philip Dietz.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—A. C. Lindgren, 346 Lowell St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 1951 Leimert Blvd.
Two-story frame and stucco residence (six rooms)
Owner—Walter Norberg.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—A. F. Andersen, 3524 Harbor View Ave., Oakland.

Contract Awarded.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E 30th Ave. N Rivera Street.
Five one-story and basement frame and stucco residences.
Owner—Happy Homes Bldg. Co., 30th Ave. & Rivera St., San Francisco
Architect—Not Given.
Contractor — S. K. Birdsall, 646 47th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Thirty-third Ave. S Rivera Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—Boyd C. Lindsay, 183 Oxford St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCES Cost, $6000 each
SAN FRANCISCO. N Romain St. E Market Street.
Two one-story and basement frame and stucco residences.
Owner—Anza Home Building Co., 321 Kearny St., San Francisco.
Architect — Albert H. Larsen, 1400 Portola Drive, San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.

Plans Being Prepared.
RESIDENCES Cost, $4500 each
SAN ANSELMO, Marin Co., Calif.
Three one-story and basement frame and stucco residences (5 roome each); shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
General bids will be asked about June 8.

Contract Awarded
RESIDENCE Cost, $15,000
ORINDA, Contra Costa Co., Calif.
Two-story and basement frame, stucco and brick residence (10 rooms and 4 baths) shake roof, wood sash, hardwood floor, tile baths.
Owner—Frank Moller, Oakland.
Plans by W. K. Strickland, 1278 Sunnyhills Road, Oakland.
Contractor—David Nordstrom, 4150 Roosevelt Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $——
TURLOCK, Stanislaus Co., Calif.
Two-story frame and stucco residence (9 rooms, 3 baths) shake roof, oil burning heating system, steel sash hardwood floors, tile baths, etc.; Monterey type.
Owner—Harry Hjelm.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—C. A. Hillberg, P. O. Box 52, Turlock.

Contract Awarded
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO, Calif., W. 29th Ave., N. Rivera Street.
Five 1-story and basement frame and stucco residences.
Owner—Happy Homes Building Co., 30th Ave. and Rivera Street.
Architect—Not given.
Contractor—S. K. Birdsall, 646 47th Ave.

Construction Postponed Indefinitely
RESIDENCE Cost, $10,000
LOS GATOS, Santa Clara Co., Calif., Kennedy Road.
Two - story and basement frame and stucco (7 rooms).
Owner—H. Putman.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.

Contract Awarded.
RESIDOENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 1907 Carter Street.
Two-story six-room residence.
Owner—J. C. Beery, 6545 Liggett Dr., Oakland.
Architect — William & Wastell, 374 17th St., Oakland.
Contractor — Wiggins & Swanson, 11 Stratford Road, Oakland.

Contract Awarded
RESIDENCE Cost, $6,255
SAN JOSE, Santa Clara Co., Calif. NE Tenth and Washington Sts.
One - story frame and stucco duplex residence.
Owner—Anthony and Mary Peters.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Contractor—N. J. Nielsen, 1270 Iris Court, San Jose.

Plans Being Prepared
RESIDENCE Cost, $6,500
SANTA ROSA, Sonoma Co., Calif.
Two - story and basement frame and stucco residence (7 rooms and 2 baths) shake roof, gas heating system, wood sash, tile baths, hardwood floors, etc.
Owner—E. W. White.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.

Plans Being Prepared
RESIDENCE Cost, $5,500
SANTA ROSA, Sonoma Co., Calif.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—Thorn Gale, Santa Rosa.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.

Contract Awarded
RESIDENCE Cost, $12,000
OAKLAND, Ala. Co., Calif., 907 Hillcroft Circle.
Two-story and basement frame and stucco residence (8 rooms).
Owner—A. R. Lapham, 947 Hillcroft Circle, Oakland.
Architect—Not given.
Contractor — Theo. H. Lapham, 546 Kenmore Ave., Oakland.

Plans Being Prepared
RESIDENCES Cost, $3700 each
SANTA ROSA, Sonoma Co., Calif.
Group of one - story and basement frame and stucco residences (five

rooms each) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Stone & Co., Santa Rosa.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.

Contract Awarded
RESIDENCE Cost, $5,000
SANTA ROSA, Sonoma Co., Calif.
One - story and basement frame and stucco residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—Melvin Huffman.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.

Contract Awarded
RESIDENCE Cost, $5,000
SANTA ROSA, Sonoma Co., Calif.
One - story and basement frame and stucco residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—L. F. Gillmore.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.

Contract Awarded
RESIDENCE Cost, $——
SONORA, Tuolumne Co., Calif.
Two-story frame and stucco residence (9 rooms, 3 baths) tile roof.
Owner—John Balestra, Sonora.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor — Wendell Thompson, 436 James St., Modesto.

Plans Being Completed
RESIDENCES Cost, $——
SAN FRANCISCO. West of Junipero Serra Boulevard.
Twelve 1½-story frame and stucco residences (6- and 7-rooms and 2 baths) mineral shingle and tile roofs, gas heating shingle and tile roofs, gas heating systems, wood sash, hardwood floors, tile baths, canvas walls, etc.
Owner & Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Harold Stoner, 41 Sutter.
Sub-bids will be asked in about two weeks.

Construction Postponed Indefinitely
RESIDENCE Cost, $6000
STOCKTON, San Joaquin Co., Calif. Five miles out of Stockton.
One-story and basement frame and stucco residence (5 rooms) shingle roof, wood sash, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—Donald Phitts.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.

Plans Being Revised
RESIDENCE Cost, $5,500
OAKLAND, Ala. Co., Cal. Rockridge District.
One - story and basement frame and stucco residence (6 rooms and 2 baths) shingle roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Ray Keefer, 585 Mandane Blvd., Oakland.

Plans Being Revised
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Cal. Montclair District.
One-story frame, stucco, board and batten residence (6 rooms, 1 bath and extra lavatory) shake roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.

Contract Awarded
RESIDENCE Cost, $18,000
SAN FRANCISCO. Twenty-fifth Ave.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) composition shingle and flat roofing, oil or gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—J. W. Dinkelspiel.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter Street.

Plans Being Figured—Bids Close June 15, 2 P. M.
RESIDENCES Cost, $——
SAN FRANCISCO.
Two 2-story and basement frame and stucco residences.
Owner—H. E. Fisher and L. E. Goodman.
Architect—Hyman & Appleton, 68 Post Street.
A. F. Mattock, 212 Clara St., is figuring the plans and desires sub-bids on all portions of the work.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. SE Rome St. NE Mt. Vernon Street.
Two one-story and basement frame & stucco residences.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. E Cayuga Ave. N Seneca Avenue.
Three one-story and basement frame and stucco residences.
Owner and Builder—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. W Cecilia Ave. S Rivera Street.
Seven one-story and basement frame and stucco residences.
Owner and Builder—James Arnott & Son, 633 Taraval St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. No. 6173 Contra Costa Road.
Two-story frame and stucco residence (6 rooms).
Owner—M. C. Frailey, 2454 67th Ave., Oakland.
Architect—Not Given.
Contractor—Paul H. Haller, 6221 Buena Vista Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal. No. 445 Vassar Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—Milton S. Bonds, 583 Spruce St., Berkeley.
Plans by Owner.

Contracts Awarded.
RESIDENCE Cost, $12,000
CONTRA COSTA COUNTY. Outside Berkeley City Limits.
Two-story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, oil burning heating system, steel sash, hardwood floors, tile baths, etc.
Owner—John W. Givens.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Glass and Glazing — W. P. Fuller & Co., 301 Mission St., San Francisco, $187.
Heating & Sheet Metal—J. C. Owens, 1616 Carlton St., Berkeley, $967.
Plumbing—Carl T. Doell, 467 21st St., Oakland, $944.
Lathing & Plastering—Joe Giachetto, 1209 Derby St., Berkeley, $1250.
Garage Door—Overhead Door Co., 608 16th St., Oakland, $108.50.
Hardwood Floors and Linoleum, Etc. Higgins Co., 2335 Broadway, Oakland, $604.
Mill Work — Pacific Mfg. Co., Santa Clara, $1404.
Lumber — E. K. Wood Lumber Co., Oakland, $838.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland, $229.
Concrete—Schnoor Bros., 6016 Claremont Ave., Oakland, $590.
Ornamental Stone — George Pittock, 1298 Hopkins St., Berkeley, $100.

Contract Awarded.
OAKLAND, Alameda Co., Cal. No. 1872 Greenoch Avenue.
Two-story frame and stucco residence (six rooms).
Owner—A. E. Hopfer.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. No. 6200 Contra Costa Road.
Two-story frame and stucco residence (six rooms).
Owner—F. H. Phaffenburger.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

15— SCHOOLS

Sub-Contracts Awarded.
HIGH SCHOOL Cont. Price, $89,642
GUSTINE, Merced Co., Calif.
One-story frame & stucco high school (steel truss in auditorium) four classrooms, auditorium to seat 500 and cafeteria.
Owner — Gustine Union High School District.
Architect—W. G. Corlett and E. A. Russ, 1801 Bank of America Bldg., Oakland.
Contractor — Carl N. Swenson, 355 Stockton Ave., San Jose.
Roofing—Central Roofing & Insulation Co., Modesto.
Plumbing—Scott Co., 113 10th Street, Oakland.
Electric Wiring — Eddy Electric & Mechanical Co., Stockton.
Sheet Metal—Richmond Sheet Metal Works, Richmond.
Heating—Scott Co., 113 10th Street, Oakland.
Tile—Thos. H. Price Co., San Jose.
Glass—Valley Glass Co., Fresno.
Toilet Partitions—Price Bldg. Specialties Co., San Francisco.
Kitchen Equipment — Mangrum Holbrook Co., San Francisco.
Lathing and Plastering—E. C. Vipham Palo Alto.
Lumber—Smith Lumber Co., Oakland
Blackboards—Munthe Equipment Co., 102 New Montgomery St., San Francisco.
Mill Work — Pacific Mfg. Co., Santa Clara.
Hardware—San Jose Hardware Co., San Jose.
Painting—Jos. J. Burdon & Son, Oakland.
Window Hardware — Universal Window Co., Berkeley.
Window Shades—West Coast Window Shade Co., Oakland.
Acousti Celotex — Western Asbestos Co., San Francisco.
Reinforcing Steel—Gunn, Carle & Co., San Francisco.
Structural Steel — Independent Iron Works, Oakland.

Contract Awarded
COLLEGE BLDG. Cont. Price, $38,804
SANTA ROSA, Sonoma County, Cal.
Santa Rosa Junior College campus
One - story Class B frame and brick veneer domestic science and commercial building (fourth unit) flat tile roof.
Owner—Santa Rosa Junior College District (Floyd Bailey, President) Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Louis C. Dunn, 424 Monadnock Bldg., San Francisco.

BONDS VOTED
JUNCTION CITY, Shasta Co., Cal. —Junction City School District voted bonds in the amount of $4000. Proceeds to finance construction of a new school in Junction City.

Sub-Contracts Awarded
SCHOOL Cont. Price, $65,435
PETALUMA, Sonoma Co., Cal. Howard and Walnut Streets.
Two - story and basement reinforced concrete parochial school (8 classrooms; 37x156 feet) St. Vincent's Parochial School.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Arnold Constable, 580 Market St., San Francisco.
Structural Engineer — K. Theill, 580 Market St., San Francisco.
Contractor—John H. Schnieder, 5621 Shafter Ave., Oakland.
Plumbing — O'Mara and Stewart, 218 Clara St., San Francisco.
Excavation—Baker Co., Santa Rosa.
Sand, Gravel and Cement—Santa Cruz Portland Cement Company, Crocker Bldg., San Francisco.
Lumber—Sterling Lumber Co., Petaluma.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Streets, San Francisco.
Mill Work—Lannom Bros. Mfg. Co., Fifth and Magnolia Sts., Oakland.
Miscellaneous Iron—Patterson & Koster Iron Works, 280 13th St., San Francisco.
Recut Stone—P. Grassi and Co., 445 Bayshore Blvd., Oakland.
Electric—Norman Russell, Santa Rosa

BIDS WANTED
LINCOLN, Placer Co., Cal.—Until June 18, 12 Noon, bids will be received by V. M. Tupper, Clerk, Lincoln Union Grammar School, for construction of an addition to the Lincoln Grammar School.
Plans and specifications may be obtained from Architects Starks & Flanders, Bank of America Bldg., Sacramento, and from Principal of the Grammar School at Lincoln.

CONTRACT AWARDED
BRAWLEY, Imperial Co., Calif.—Aage Kaiser, 2nd and D Sts., Brawley, awarded contract at $40,991.01 (subject to PWA approval) by Brawley School District for the construction of three frame school buildings at 10th and K Sts., Brawley. C. A. Balch, 1914 S Vermont Ave., Los Angeles, architect.

Plans Awaiting Approval
RECONST. SCHOOL Cost, $50,000
SAN LEANDRO, Alameda Co., Calif.
Reconstruction of existing unit and construct additional new units at the Roosevelt School (wood frame and stucco construction).
Owner—San Leandro School District.
Architect—Geo. Klinkhardt, Bank of America Bldg., Oakland.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans have been forwarded to State Division of Architecture, Sacramento, and upon approval bids will be asked.

CONTRACT AWARDED
SACRAMENTO, Cal.—Turner Company, 557 Market St., San Francisco, at $2,664 awarded contract by Sacramento Board of Education for furnishing and delivering 800 portable auditorium chairs fob the Sacramento High School, 34th and Y Streets.

Sub-Contracts Awarded.
SCHOOL Cost, $——
SAN FRANCISCO. Franklin St. and Broadway (St. Brigid's).
Three-story reinforced concrete parochial school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.
Architect—H. A. Minton, 525 Market St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—James L. McLaughlin, 251 Kearny St., San Francisco.
Steel Forms — Concrete Engineering Co., 1280 Indiana St.
Reinforcing steel—W. S. Wetenhall, 17th and Wisconsin Sts.
Window Hardware—Universal Window Co., 906 Parker St., Berkeley.
Finish Hardware—Palace Hardware Co., 581 Market St.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Plastering—Herman Bosch, 2075 Folsom St.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard St.
Granite — California Cut Stone & Granite Works, South San Francisco.
Tile—Scott Co., 243 Minna St.
Marble—Eisele & Dondero, 2395 Third Street.
Electric—Edwin J. Lynch, 2080 Sutter Street.
As previously reported, plumbing awarded Dowd & Welch, 3516 76th St.; heating to Knittle Bros., 224 5th St.

SITE SELECTED
SAN FRANCISCO—Board of Education has acquired site in Balboa Park at Phelan and Ocean Avenues for new Junior College Building. With $300,000 provided in the 1936-37 budget for construction, the board is expected to appoint an architect shortly.

Bid Opening Date Postponed Until June 13, 8 P. M.
GYMNASIUM Cost, $25,000
CLOVERDALE, Sonoma Co., Calif.
One - story frame and stucco gymnasium at high school.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plans and specifications may be obtained from the architects upon deposit of $15.00. The board of trustees will not be in a position to award contract until 90 days after date of opening bids and no bidder may withdraw his bid during that period, the award being contingent upon a bond election to be called after bids have been opened.

BIDS WANTED
CORCORAN, Kings Co., Cal.—Until June 22, 8 P. M., bids will be received by T. K. Brown, Clerk, Corcoran Union High School District for construction of certain part of boys' locker room addition to gymnasium building at the high school.
Fred L. Swartz, Brix Bldg., Fresno architect.
Plans and specifications may be obtained from the architect.

Plans Being Completed
GYM. AND POOL Cost, $155,000
DALY CITY, San Mateo Co., Calif.
One - story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring) reinforced concrete swimming pool (40x75 feet).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine Street, San Francisco.
Structural Engineer—L. H. Nishkian, 825 Market St., San Francisco.
Mechanical and Electrical Engineer—Robert L. St. John, 544 Market St. San Francisco.
Plans will be forwarded to Sacramento for approval about July 1.

Plans Being Completed
ADDITIONS Cost, $19,500
WATSONVILLE, Santa Cruz Co., Cal.
One-story frame and stucco addition to Roache School (5 classrooms) plaster interior partitions, composition shingle roofing, Oregon pine flooring, hot air heating system, gas furnace, etc.
Owner—Roache School District.
Architect—A. W Story, Pajaro Valley Bank Bldg., Watsonville.
Plans will be completed in about two weeks.

BIDS WANTED
SAN FRANCISCO, Calif. — Until June 17, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 4160, for painting all exterior woodwork at the Longfellow School, Morse and Lowell Streets. Estimated cost, $2,500.
Specifications obtainable from the office of City Architect Chas. Sawyer, Room 265, City Hall.

CONTRACTS AWARDED
LIVERMORE, Alameda Co., Calif. —Schrader Iron Works, 1247 Harrison St., San Francisco, at $6,489 was awarded contract for structural steel, and Diamond Match Co., Livermore, at $750 awarded contract for miscellaneous items for the reconstruction of the main building of the Livermore High School.
Harold B. Hammill, 381 Bush St., San Francisco, structural engineer.

Preliminary Plans Awaiting Approval.
GYM, SHOP, ETC. Cost, $50,000
COVELO, Mendocino Co., Calif.
One-story gymnasium building, one-story shop building and small auditorium (frame and stucco construction).
Owner—Round Valley High School District.
Architect—C. A. Caulkins, Rosenberg Bldg., Santa Rosa.
Preliminary plans are awaiting approval of the State Division of Architecture, Sacramento.
The loan has been approved by the PWA.

BIDS WANTED
SAN FRANCISCO, Calif. — Until June 17, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 4159, for laying of floors at Longfellow School, Morse and Lowell Sts. Estimated cost, $4,000.
Work involves removing all wooden floors on first and second stories, and replacing with flooring 1⅛-in. thick by 3¼-in. face.
Specifications obtainable from the office of City Architect Chas. Sawyer, Room 265, City Hall.

Contract Awarded.
SCHOOL Cont. Price, $29,493
BIG CREEK, Fresno Co., Calif.
One-story reinforced concrete elementary school.
Owner—Big Creek Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor — Jolly & Harrington, 834

Arthur St., Fresno.
Concrete—E. H. Brostrom, 641 Recreation St., Fresno.
Structural, Reinforcing and Miscellaneous Iron—Kyle & Co., Fresno
Roofing—Valley Lumber Co., Fresno.
Plastering—W. H. Daniel, 2941 Washington, Fresno.
Plumbing—Pettijohn & Co., Delano.
Materials — Swastika Lumber Co., Fresno.
Painting—Carl Larsen, 3119 Alta St., Fresno.
Wiring—Fresno Electric Co., Fresno.
Millwork—Hollenbeck - Bush Planing Mill, Fresno.

Sub-Contracts Awarded.
SCHOOL Cont. Price, $63,390
OAKLAND, Alameda Co., Cal. Monticello and Fleming Aves.
Structural alterations to Maxwell Park School (16 classrooms).
Owner—Oakland School District.
Architect — W. G. Corlett, Oakland Board of Education.
Contractor — Carl N. Swenson, 355 Stockton Ave., San Jose.
Roofing—Central Sheet Metal & Roofing Co., 3246 Ettie Street.
Plumbing — Geo. A. Schuster, 2059 Webster Street.
Electric Wiring — California Electric Co., 12th and Oak Streets.
Tile—Superior Tile Co., 3743 Broadway.
Glass — Cobbledick Kibbe Glass Co., 301 Washington St.
Gunite—Cement Gun Constr. Co., 9 Main St., San Francisco.
Lathing and Plastering—Fatta & Rinaldi, 2247 Filbert Street.
Lumber—Smith Lumber Co., 19th and Estuary Sts.
Painting—Jos. J. Burdon & Son, 3817 Forest Hill Avenue.
Concrete—Melrose Building Materials Co., 4501 —— Street.
Toilet Partitions—Trask & Squier, 39 Natoma St., San Francisco.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave., San Francisco.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts.
All of Oakland unless otherwise noted.

Prospective Bidders
SCHOOL Cost, $15,000
LAYTONVILLE, Mendocino Co., Cal.
One-story frame and rustic school.
Owner — Laytonville Grammar School District.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Following is partial list of prospective bidders. Bids open June 9, 8 p.m.
Oliver M. Rousseau, 321 Kearny St., San Francisco.
Hannah & Wooldridge, 268 Market St., San Francisco.
A. O. Lightford, Upper Lake.
Theo. Johanns, 2020 15th St., San Francisco.
Plans and specifications may be obtained from the architect and clerk of the Board at Willits.

BIDS REJECTED
LOS ANGELES, Cal.—All bids for painting and miscellaneous work on the administration building at the William McKinley junior high school, 885 East 45th St., were rejected by the Los Angeles board of education on June 8, due to the fact that the low bidder, Raphael Co., did not quote on the alternate proposal specified. New bids will be called for shortly. The complete bids received on June 3 were:
Raphael Co., $5866; (Alt.) deduction for omission of certain work, no bid.
T. A. Rucker, $6287; (Alt.) $1250.
David Wein, $6525; (Alt.) $1200.
D. Zelinsky & Sons, $7649; (Alt.) $1-650.
Patterson Bros., $11,995; (Alt.) $3,-180.

CONTRACT AWARDED
LOS ANGELES, Cal.—Harry Wasserman, 424 N Crescent Heights Blvd. awarded contract by the Los Angeles board of education at $2750, for painting and miscellaneous work on the administration, home economics (including second story addition) and industrial arts buildings at the San Pedro high school, 121 S Gaffey St., San Pedro.

Contract Awarded.
RECONSTRUCT SCHOOL
Cont. Price, $48,493
OAKLAND, Alameda Co., Calif. 47th Avenue and Foothill Blvd.
Reconstruct Fremont High School.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco, and 366 40th St., Oakland.

CONTRACT AWARDED
TURLOCK, Stanislaus Co., Cal.—Andy Thorsen, 134 Lander Avenue, Turlock, at $1070 awarded contract by Turlock Union High School District for furnishing and installing heating system in the music building at the Turlock High School. Other bids were:
C. B. Hedman, Turlock.....$1140
George C. Bell, Oakland..... 1345

Bids Wanted — To Close June 22, 8 P. M.
JUNIOR HIGH SCHOOL $100,000
BELLINGHAM, Washington.
Two-story brick Junior High School red pressed brick exterior, terra cotta entrance, linoleum for corridors, etc.) assembly room, stage with entrance lobby, dressing rooms, offices, rest rooms, lunch room and kitchen, classrooms, library, etc.
Owner—Bellingham Consolidated School District.
Architect — F. Stanley Piper, Herald Bldg., Bellingham, Wash.
Plans and specifications may be obtained from the archtiect upon deposit of $15.

BIDS WANTED
TUCSON, Ariz.—Until June 20, 11 A. M., new bids will be received by Pima County Board of Supervisors, Tucson, for the construction of a classroom addition to the Drachman school. A contract which was previously awarded to Claud Monier, of Tucson, at $10,381 was rescinded as the school district failed to comply with PWA regulations. The work will include addition of a two-classroom wing and teacher's restroom. Plans were prepared by Architect M. H. Starkweather, 40 W Congress Street, Tucson.

BIDS WANTED
SAN FRANCISCO — Until June 19 10:30 A. M., bids will be received by the Department of Public Works, Room 251, City Hall, for removal and replacing of plaster in the Starr King School, 25th and Utah Streets. Spec. No. 4713. Estimated cost $3900.
Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall. No deposit required.

BIDS WANTED
SAN FRANCISCO—Until June 19, 10:30 A. M. bids will be received by the Department of Public Works, Rm. 251, City Hall, for painting interior and exterior of Garfield School, Filbert and Kearny Streets. Spec. No. 4170. Estimated cost $2400.
Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall. No deposit required.
Work must be completed by August 15.

BIDS WANTED
SAN FRANCISCO—Until June 19, 10:30 A. M., bids will be received by Department of Public Works, Room 251, City Hall, for removal of old floors and installation of 2x3-ll. magnasite sleepers on two floors at the Jean Parker School, Broadway bet. Powell and Mason Streets. Spec. No. 4172. Estimated cost $7000.
Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall. No deposit required.

BIDS WANTED
SAN FRANCISCO—Until June 19, 10:30 A. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, for painting all interior plaster, woodwork, sheet metal and paper hanging at the Daniel Webster School, 20th and Missouri Sts. Spec. No. 4170. Estimated cost $1900.
Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall. No deposit required.

16—BANKS, STORES AND OFFICES

Contract Awarded.
STORE Cost, $2500
OAKLAND, Alameda Co., Cal. No. 7963 Foothill Blvd.
One-story frame store building.
Owner—Gus Morra, 3301 Foothill Blvd. Oakland.
Architect—Not Given.
Contractor — C. Ganlats, 2092 40th Ave., Oakland.

Contract Awarded.
ALTERATIONS Cost, $——
HANFORD, Kings Co., Cal. Irwin St. and Lacey Blvd.
Alterations to store building (decorating, fixtures, partition work, etc.)
Owner — Montgomery Ward & Co., Chicago, Ill.
Plans by Engineering Dept. of Owner.
Contractor—Hudson & Vickers, 606 N. Irwin St., Hanford.

Bids In—Held Under Advisement.
ADDITION Cost, $——
SAN FRANCISCO. Mission St. near Fifth Street.
Interior remodeling of office building.
Owner—San Francisco Remedial Loan Assn., 932 Mission Street.
Architect—Kent & Hass, 525 Market.
Mechanical Engineer—Hunter & Hudson, 41 Sutter Street.
Announcement will be made within a few days.

CONTRACT AWARDED
SANTA BARBARA CO., Cal.—Andrew Jensen, 220 E Figueroa Street, Santa Barbara, awarded contract for erection of a frame and stucco restaurant building at Nipomo, Santa Barbara County, for Everett Smith. Lessee of the building has not yet been determined.

Plans Being Prepared.
ALTERATIONS Cost, $——
SAN FRANCISCO. Kearny and Sutter Streets.
Alterations and additions to ten-story building (work involves painting, plastering, decorating, carpentry, etc.)
Owner—Sherman Clay & Co. (Dwight F. McCormack, Vice President & General Manager).
Architect — William Wilson Wurster, 260 California St., San Francisco.
Consulting Interior Designers—Parrish & Co., New York City.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 1015 Market Strett.

Alterations to store building.
Owner—Tower of Jewels, Inc, Prem.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. No. 1053-57 Market Street.
Alterations to store building.
Owner—Sterling Furniture Co., 1045 Market St., San Francisco.
Architect—Not Given.
Contractor—L. & E. Emanuel, Inc., 2665 Jones St., San Francisco.

Carpentry Contract Awarded
STORE FRONT Cost, $——
BERKELEY, Alameda Co., Calif. 2206 Shattuck Avenue.
New store front (marble and glass).
Owner—Wallace & Wallace, 2206 Shattuck Ave., Berkeley.
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley.
Carpentry—S. M. Shapero, 1849 Arch St., Berkeley.

Plans Being Prepared.
STORE Cost, $——
SAN FRANCISCO. SE 26th Ave. and Lawton Street.
One-story frame and stucco store building (4 or 5 stores).
Owner — Martin Stelling, 155 Montgomery St., San Francisco.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Bids will be asked within one week.

BIDS WANTED
SAN FRANCISCO—Until June 19, 3 P. M., bids will be received by Public Utilities Commission, Room 287, City Hall, for painting the San Francisco Water Department Building, 425 Mason St. Specifications W.D. 117.
Specifications may be obtained at Room 605, 425 Mason St., upon deposit of $:.

Contract Awarded
ALTERATIONS Cost, $25,000
STOCKTON, San Joaquin Co., Calif.
Alterations & additions to store bldg.
Owner—Federal Outfitting Company.
Architect—Not Given.
Contractor—Lewis & Green, P. O. Box 121, Stockton.

Sub-Contracts Awarded
BANK AND STORE Cost, $100,000
BURLINGAME, San Mateo Co., Calif. Burlingame Ave. 308 ft. W Primrose Road.
One - story reinforced concrete bank and store uilding.
Owner—San Francisco Bank, 526 California St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Reinforcing Steel—Bethlehem Steel Co. 20th and Illinois Sts., San Francisco.
Concrete Materials—San Mateo Feed & Fuel Co., San Mateo.
Cement—Pacific Portland Cement Co., 111 Sutter St., San Francisco.
Lumber—Wisnom Lbr. Co., San Mateo
Roof Trusses—M. J. Henry, 132 Bancroft, Burlingame.

Sub-Contracts Awarded.
STORE Cost, $22,000
SALINAS, Monterey Co., Cal. Alisal and Salinas Streets.
One-story reinforced concrete and steel store building (Johns-Manville asbestos shingle roof), cement floors, leaded glass, etc.
Owner—Earl Wilson.
Architect — Chas. Butner, 630 Pajaro St., Salinas.
Contractor—F. C. Carlsen, 336 Lincoln St., Salinas.
Lumber—Tynan Lumber Co., Salinas
Reinforcing Steel — Dick Richards, 3322 Piedmont Ave., Oakland.
Structural Steel — Golden Gate Iron Works, 1541 Howard St., S. F.
Rock and Sand—Central Supply Co., Salinas.

SUB-CONTRACTS AWARDED
SAN FRANCISCO.—Reed & Reed, Hearst Bldg., awarded the following sub-contracts for the construction of a new administration building at the San Francisco Airport, Airport Contract No. 38. Building will be a reinforced concrete structure with reinforced concrete structural walls, metal lath and plaster partitions on metal studs, tile roof and will have a timber frame kitchen wing on northerly side.
Moving — Pearson and Johnson, 2031 Bryant Street.
Pile Driving—M. B. McGowan, Inc., 74 New Montgomery Street.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Street.
Millwork—Pacific Mfg. Co., 454 Montgomery Street.
Finish Hardware — Palace Hardware Co., 581 Market Street.
Structural Steel—Shrader Iron Works 1247 Harrison Street.
Lathing and Plastering—W. G. and A. Gilmour, Builders' Exchange.
Roofing & Waterproofing—Alta Roofing Co., 976 Indiana Street.
Electric Heating, Ventilating, Plumbing—Alta Elec. & Mech. Co., 467 O'Farrell Street.
Painting—R. P. Paoli Co., 2560 Lombard Street.
Travertite and Terrazzo—P. Grassi & Co., 1945 San Bruno Ave.
Tile—Art Tile & Mantel Co., 221 Oak.
Sheet Metal—Morrison & Co., 76 Duboce Avenue.
Ornamental Iron—Anchor Post Fence Co., 460 Fifth Street.
Steel Sash—Soule Steel Co., 1750 Army Street.
Rolling Doors—Kinnear Mfg. Co., 361 Brannan Street.
Glass—W. P. Fuller & Co., Beale and Mission Streets.
Pneumatic Tubes—The Lamson Co., 611 Howard Street.
Weatherstripping and Caulking—Monarch Weather Strip Co. 4328 Geary Street.
Wet Mix Concrete—Ready-Mix Concrete Co., 19th and Carolina Sts.

Contract Awarded
ALTERATIONS Cost, $15,000
SAN JOSE, Santa Clara Co., Calif. 98 South Second Street.
Alterations to bulding.
Owner—California West'n States Life Insurance Company.
Architect — George Sellon, California State Life Bldg., Sacramento.
Contractor—W. M. Caldwell 1241 Hedling St., San Jose.

SUB-BIDS WANTED
SAN FRANCISCO.—A. F. Mattock, 212 Clara St., desires sub-bids on all portions of the work for the construction of alterations to offices in the Pacific Building for the Home Owners' Loan Association, for which bids are now being received.

Contract Awarded.
ALTERATIONS Cost, $6250
SAN FRANCISCO. No. 354-360-362 Geary Street.
Alterations to store building.
Owner—United Realty Co., 350 Geary St., San Francisco.
Architect—Not Given.
Contractor—Fink & Schindler Co., 552 Brannan St., San Francisco.

Planned
STORE Cost, $——
SANTA CLARA, Santa Clara Co., Cal. Franklin Street.
One-story frame and stucco store bldg. (Mission style).
Owner—Emil Buchser, Santa Clara.
Architect—Not Given.
Bids for razing present building on site are now being received by the owner.

Contract Awarded
ALTERATIONS Cost, $6,000
SAN FRANCISCO. 1049 Market St.
Alterations to store building.
Owner—Sterling Furniture Company.
Architect—Gardner A. Dailey, 210 Post Street.
Contractor—Geo. Wagner, 181 South Park.

Contract Awarded
STORE Cost, $4,500
SAN FRANCISCO. S Taraval E 21st Avenue.
One-story frame store building.
Owner—S. V. Rothschild.
Architect — Hyman and Appleton, 68 Post Street.
Engineer—H. Rosenthal.
Contractor—Bernhard & Cowen, 924 Taraval Street.

Contract Awarded
STORE Cost, $3,500
SAN FRANCISCO, Calif., W. Broderick St., 125 ft. N. North Point.
One-story frame store building.
Owner—F. W. Sneider.
Architect—Not given.
Contractor—W. C. Akard, 225 Cervantes Blvd.

Planned
ALTERATIONS Cost, $15,000
SACRAMENTO, Calif., 16th and North B Streets.
Alterations to building (160x320 feet).
Architect—Not given.
Owner—United Grocers.

17— THEATRES

Contract Awarded
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Calif. 3422 Fruitvale Avenue.
Alterations to Dimond Theatre (new front, remodel lobby, new drapes, electric fixtures, etc.)
Owner—Golden State Theatre and Realty Co., 25 Taylor Street, San Francisco.
Architect—A. A. Cantin, 222 Kearny Street, San Francisco.
Contractor—A. J. Hopper, 1769 Pleasant Valley Road, Piedmont.

LOW BIDDERS
HICKAM FIELD, T. H —.. Woolley, Honolulu, T. H., [illegible] submitted low bid to [illegible] contracting Officer, [illegible] for the construction of dock, boathouse and mole, including utilities at Hickam Field. Second low bid submitted at Hickam Field was E. E. Black, Ltd., Honolulu, at $123,318. Robert E. McKee, Los Angeles, submitted only bid at Fort Mason, San Francisco, at $159,600.
Bids held under advisement.

BIDS OPENED
SAN JOAQUIN CO., Cal.—Bundesen & Lauritzen, P. O. Box 395, Pittsburg, at $3,987 submitted low bid to the San Joaquin County Board of Supervisors, Stockton, for the construction of ferry landings at the Rindge Tract Ferry, across Disappointment Slough between Bishop Tract and Rindge Tract, about ten miles northwest of Stockton on the King Island Road.
Complete bids follow:

Bundesen and Lauritzen, Pittsburg	$3,987
John Hachman, Stockton	4,400
C. A. Lauritzen, Antioch	4,450
Pomeroy Sinnock, Stockton	4,825

Bids held under advisement.

18— WHARVES & DOCKS

Bids Wanted—To Close June 22, 4:30 P. M.

EXTENSION $95,000
OAKLAND, Alameda Co., Cal. Ninth Avenue Pier.
Extension to Ninth Avenue Pier (506x 42 feet) timber apron wharf including fender system, trestle with asphaltic concrete pavement, piping, valves, shipside railroad tracks, asphaltic pavement on pier extension, etc.
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Plans and specifications may be obtained from above office upon deposit of $25.

19—MISC. CONSTRUCTION

CONTRACT AWARDED

GRAND CANYON, Arizona—Ryberg Bros., Salt Lake City, Utah, awarded contract by Union Pacific Utah Parks Co., Omaha, Neb., for rebuilding the Union Pacific Lodge on the north rim of the Grand Canyon of the Colorado. The building will house dining rooms, lounge and shops; sleeping quarters will be provided in Deluxe cabins. The work will be done on a cost plus fixed fee basis. Cist is estimated at $250,000. *

TO PREPARE PLANS

MARE ISLAND, Calif.—Appropriation of $150,000 approved by Congress to be used in preparing plans and making site investigations for dry dock at Mare Island. Preliminary work will be directed by Captain C. A. Carlson, public works officer at Mare Island.

Plans Being Completed.

TOLL PLAZA Cost, $300,000
SAN FRANCISCO, Golden Gate bridge Toll Plaza (16 toll houses, administration building and services, probably concrete construction).
Owner—Golden Gate Bridge Co., 111 Sutter Street (J. B. Strauss, Chief Engineer).
Engineer—Jos. B. Strauss, Cheif Engineer, Golden Gate Bridge Co., 111 Sutter St., San Francisco.
Plans will be completed about July 15.

BIDS WANTED

FORT MASON, Cal.—Until June 19, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, for construtcion of ten-ton forced draft type incinerator building and can wash equipment at the Presidio, San Francisco.
Plans and specifications may be obtained from above office upon deposit of $5.00.
(9801) *

BIDS OPENED

BONNEVILLE DAM, Oregon—Acme Metal Works, 2223 W. Williams Ave., Portland, at $12,933 submitted low bid to U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 691-36-362, for the installation of a complete ventilating system in the Bonneville Power House at Bonneville.
Work consists of the manufacture and installation of a ventilating plant complete with fans, motors, air washers, pumps, air heaters, thermostats, ducts, dampers, grilles, doors, etc.
Complete bids follow:
Acme Metal Works, Portland $12,933
A. G. Rushlight & Co., Portland 14,312
J. C. Bayer, Portland 14,587
Grand Sheet Metal W'ks, Portland 15,560
Bids held under advisement.

Planned.

RADIO STATION Cost, $—
SANTA CRUZ, Santa Cruz Co., Calif Corcoran Lagoon.
Radio broadcasting station (tower, 190 feet in height, antenna system, etc.)
Owner — Vernon Berlin and B. A. Thompson, 531 Mission St., Santa Cruz.
Architect—Not Given.

CONTRACT AWARDED

SEBASTOPOL, Sonoma Co., Calif. —W. C. Carr, Sebastopol, at $400 was awarded contract by Sebastopol Union School District for sale of the Sebastopol grammar school building.
Other bids were:
E. U. White, Santa Rosa $265
Dolan Wrecking Co., S. F. 10

NEW BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until June 18, 10 A. M., new bids will be received by the Signal Officer, Ninth Corps Area, Presidio of San Francisco, under Bid No. C.P. No. 1804 SC 36-4, for the installation of Antenna Masts at R.O.T.C., University of California, Berkeley.
Work consists of furnishing and installing identical two masts (wood flagpole type) where directed on the inner (west) face of the parapet wall of the East Track Bleachers, Edwards Field, University of California.
Plans and specifications obtainable from the above office. *

BIDS WANTED

TUOLUMNE COUNTY, Cal.—Until June 19, 3 P. M., bids will be received by Public Utilities Commission, Rm. 287, City Hall, San Francisco, for constructing Early intake camp buildings. Contract H.H.W.A. 159.
Plans and specifications may be obtaned from the San Francisco Water Department, 425 Mason Street, upon deposit of $10.00.

Planned

RADIO STATION Cost, $25,000
SACRAMENTO, Sacramento Co., Cal. Site to be selected.
New radio station.
Owner—H. N. Mitchell, et al, Oschner Bldg., Sacramento.
Architect—Not Selected.
Further details will be announced upon approval of application by the federal communications commission.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

OAKLAND, Cal.—Mueller Co., 1072 Howard St., San Francisco, at $6220 awarded contract by the East Bay Municipal Utility District, Oakland, under Spec. No. L.S. 172, for furnishing 50,000 lin. ft. ¾-in. seamless copper tubing.

CONTRACT AWARDED

OAKLAND, Cal.—Grinnell Co. of the Pacific, 5th and Brannan Sts., San Francisco, at $6421.94 awarded contract by the East Bay Municipal Utility District, Oakland, under Spec. No. L.S. 174, for furnishing 2355 cast iron pipe fittings, 4-in. to 12-in.

CONTRACT AWARDED

lb MERCED, Calif.—Valley Paving & Constr. Co., P. O. Box 1349, Fresno, at $4.65 per ton submitted low bid and awarded contract by the Merced City Council for furnishing approximately 400 tons of asphalt concrete pavement mix.

CONTRACT AWARDED

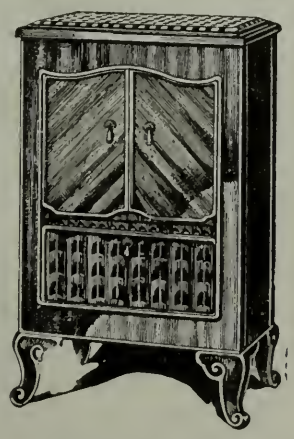
BOISE PROJECT, Idaho. — Oregon Portland Cement Co., Portland, at $54,758 awarded contract by Bureau of Reclamation, Denver, under Bid No. 21007-A, for furnishing 22,000 barrels of cement for the Payette Division, Boise Project, Idaho.

CONTRACT AWARDED

CARLSBAD PROJ., N. M. — United States Portland Cement Co., Denver, at $66,173.60 awarded contract by the Bureau of Reclamation, Denver, for furnishing 25,000 bbls. of cement for construction of the Alamogordo Dam, Carlsbad Project, N. M.

CONTRACT AWARDED

BOULDER CITY, Nev. — American Automatic Elec. Sales Co., Chicago, at $11,043.96 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 782-D, for furnishing two complete units of manual telephone apparatus for installation in the Boulder Dam power plant, Boulder Canyon Project.



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OAKLAND

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

U. S. FOREST SERVICE

SAN FRANCISCO, Cal.—Until June 17, 2 p.m., bids will be received by P. C. Brown, Procurement Officer, Forest Service, Room 916, Phelan Bldg., for furnishing 3 Concrete Mixers, size 7-S, trailer type complete with gasoline engine.

Specifications obtainable at above office.

SAN FRANCISCO—Until June 18, 2 P. M., bids will be received by P. C. Brown, Procurement Officer, Forest Service, Room 916, 760 Market St. under Bid No. 848 for furnishing 6 rippers with hydraulic cylinders, hydraulic pumps, control valves, hose and other attachments for intsallation on "55" tractors.

SAN FRANCISCO—Until June 19, 2 P. M., bids will be received by P. C. Brown, Procurement Officer, Forest Service, 916 Phelan Bldg., unler Bid No. 845, for furnishing one concrete mixer, size "14-S", non-tilting, side discharge, 4-wheel solid rubber tired trailer type complete with gasoline engine.

Delivery f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until June 20, 10 A. M., bids will be received by P. C. Brown, Procurement Officer, Forest Service, 916 Phelan Bldg., San Francisco, under Bid No. 849, for furnishing two portable gasoline engine-driven, self-priming centrifugal well-point pumps complete.

Delivery fob bidder's shipping point and/or Government Island.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows.

JUNE 18, 2 P. M.:

BID NO. 3602: 500 packsacks; fob bidders' shippping point and/or Government Island.

JUNE 22, 2 P. M.:

BID NO. 3607: 20 doz. aluminum pails and covers; fob bidder's shipping point/or Government Island.

Specifications obtainable from above office.

WAR DEPARTMENT

SACRAMENTO, Cal. — Until June 16, 3 P. M., bids will be received by Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under bid No. 36-266, for furnishing 25 cyl. of oxygen; 12 no. 5 cyl. acetylene; f.o.b. Rio Vista.

SAN FRANCISCO—Until June 15, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-36-36, for furnishing one clamshell bucket, one cu. yd. double line.

Delivery to be made at Samoa or Rolph, Humboldt County.

Specifications obtainable from the above office.

BENICIA, Solano Co., Cal.—Until June 23, 10 A. M., bids will be received by the Commanding Officer, Benicia Arsenal, under Bid No. 146-36-48, for furnishing glycerine, oil, rosin, paint, varnish, and white lead.

Delivery f.o.b. Benicia Arsenal.

Specifications obtainable from the above office.

SAN FRANCISCO, Cal.—Until June 16, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-36-37, for blue printing, Van Dyke negatives, blue line prints, brown line prints, and black line prints, for the fiscal year beginning July 1, 1936.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until June 17, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-267, for furnishing bowl type reflectors, shallow dome reflectors, sockets, fuse links, plugs, conduit, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL.—Until June 18, 10:30 A. M., bids will be received by General Purchasing Officer, The Panama Canal, Washington, D. C., for furnishing miscellaneous items as follows: Portland phantom load, wire rope, brass pipe, cast iron pipe fittings warehouse trucks, extension ladders, step ladders, ingot copper, monotype metal, bearing metal, phosphor tin, pig tin, antimony, paint, drums and cans, asphalt, calcium carbide, fire clay, powdered rosin, caustic soda, enamel, primer, white and red lead, chrome yellow, metallic brown, zinc oxide, spar mixing varnish, turpentine, linseed oil, ethyl alcohol, rust preventive compound, manganese linoleate, rubber hose, gasoline hose, air brake hose, divers' air hose, asbestos-magnesia pipe covering, boiler lagging, flax packing, asphalt prepared roofing, corkboard, goggles, white ash, port orford cedar, cypress, white pine or sugar pine, maple, white oak and poplar; Sec. No. 3153.

Bid information available from the above and from the Assistant General Purchasing Officer, Fort Mason.

CANAL ZONE—Until June 22, 10:30 A. M., bids will be received at the Office of the General Purchasing Officer, Washington, D. C., for furnishing miscellaneous items for the Panama Canal under Schedeule No. 3154, including:

Power saw bench, power band saw, pneumatic paving breakers and steels, pneumatic rock drills, pneumatic riveting hammers and chipping hammers, holderson, grinders, sump pumps, micrometer caliper sets, die heads, chucks, tool holders, grinding houlers, cutters, laths tool sets, pipe bushings, platform scales, grindstone frames, hand lanterns, drink mixers, refrigerator casters, casement fasteners, gate hooks-and-eyes, rim locks, machine screw unts, cap screws, sprinkling cans, pocket transits, hygrograph, sabatier knives, adjustable watercloset-float guides, chair seats, file handles, varnish brushes, cast-iron pipe tees, cast-iron water pipe, gate valves and pig lead.

Specifications and proposal forms from above and from Assistant General Purchasing Officer, Fort Mason, San Francisco.

HUMBOLDT COUNTY

EUREKA, Humboldt Co., Cal.—Until June 16, 8 P. M., bids will be received by the Eureka City Council, A. Walter Kildale, City Hall, for furnishing one tractor, Caterpillar type, with a minimum of 20-h.p. and maximum of 30-h.p. Bidders must take allowance for old 20-h.p. Cletrac tractor now in use by the Street Department and which may be seen at the Corporation Yard, 6th and C Streets.

Specifications obtainable from above office.

BERKELEY CITY

BERKELEY, Alameda Co., Calif.—Until June 23, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing library furniture, including tables, chairs, charging desks, and a fire-side bench, for the new North Berkeley branch library, The Alameda and Hopkins St.

Specifications obtainable from the above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

Cable, flameproof, 4,000 ft., Mare Island and Puget Sound.

Cable, 4,000 ft., flameproof; 68,000 ft. general interior communication; 4,800 ft. lighting and power; 290,000 ft. portable; 8,000 ft. flameproof; Mare Island and Puget Sound. Sch. 8004; June 9.

Iron, foundry pig; 50 tons, Mare Island; 7 tons, San Diego; 36 tons, Puget Sound. Sch. 8040; June 15.

Zinc Oxide, dry, 200,000 lbs.; Mare Island. Sch. 8043; June 16.

Tubes, 424 steel boiler; Mare Island. Sch. 8049; June 16.

Safes, 6 burglar-resisting, size No. 2; Mare Island. Sch. 8046; June 16.

Ovens, 7 electric warming, Mare Island; 6 electric food-baking ovens and spares, Puget Sound. Sch. 8029; June 16.

Sterilizers, 2 electrically-heated combination; Mare Island. Sch. 8061; June 16.

Treads, metallic ladder, aluminum alloy; San Diego and Mare Island. Sch. 8064; June 19.

Chairs, aluminum, 3, Mare Island, 6, Puget Sound. Sch. 8066; June 19.

Ranges, electric and spares; 2, Mare Island. Sch. 8073; June 19.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., Civic Center, San Francisco.

SAN FRANCISCO CITY

SAN FRANCISCO—Until June 15, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1573, for furnishing manual training benches, woodworking tools and sheet metal shop tools for the School Department.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

TO ASK FUNDS

YOLO COUNTY, Cal.—Board of Supervisors will renew effort to obtain PWA aid for constructing bridge to replace ferry across Sutter Slough at Courtland. Yolo and Sacramento counties will share costs jointly over amount granted by PWA.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—J. E. Haddock, Ltd., 357 North Chester Avenue, Pasadena, at $98,671 awarded contract by State Division of Highways for constructing an undergraduate crossing under tracks of the A.T. & S.F. Railway in Los Angeles County at River Street and San Gabriel Boulevard.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal.—John Oberg, 3470 E. Eighth St., Los Angeles, at $20,736 awarded contract by State Division of Highways, for constructing overhead crossing over the tracks of he A.T. & S.F. railway at Palm Avenue, about three miles south of Colton, San Bernardino Co., and grading and surfacing approaches with plant-mixed surfacing.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Oscar berg, 150 N. Vista St., Los Angeles, at $117,876.10 warded contract by State Division of Highways for constructing reinforced concrete girder bridge across Rio Hondo, two miles west of El Monte, Los Angeles County, consisting of nine 67-ft. spans and two 26-ft. spans.

CONTRACT AWARDED

PLACER COUNTY, Cal.—Lord and Bishop, Native Sons Bldg., Sacramento, at approximately $7,174 submitted low bid and awarded contract by the Placer County Board of Supervisors, Auburn, for construction of a steel span on steel pile foundations with wood deck, over Coon Creek, about 6½ miles north of Lincoln. The bridge will be 85 feet long with an 18-foot roadway.

Complete bids follow:

Lord and Bishop, Sacramento: (1) lump sum bid, $5,800; (2) steel H piles per lb., $0.03; (3) driving piles, $20.00 each; (4) approximate total, $7,174.

John C. O'Leary, San Francisco: (1) $5,860; (2) $0.038; (3) $18; (4) $7,328.92.

M. A. Jenkins, Sacramento: (1) $5,987; (2) $0.032; (3) $20; (4) $7,(408.12.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until June 22, 10 A. M., bids will be received by the Santa Clara County Board of Supervisors, Court House, San Jose, Frank W. Hogan, County Clerk, for salvaging an existing truss bridge at Alviso and re-erecting it in back of the Calaveras Reservoir on Arroyo Hondo Road. The bridge is 700 feet long with a 20 ft. roadway.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1 pr set.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—Collins & Martin, 1139 Glenn Avenue, San Jose, at $1396 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, San Jose, for construction of a reinforced concrete culvert over Silver Creek in District No. 2.

Complete bids follow:

Collins & Martin, San Jose	$1396
Earl W. Heple, San Jose	1500
N. J. Nielsen, San Jose	1570
O. G. Ritchie, San Jose	1590
Leo F. Piazza, San Jose	1650
J. J. Casey, Auburn	1759
Engineer's Estimate	1180

BIDS WANTED

SOLANO COUNTY, Cal.—Until June 22, 1:30 P. M., bids will be received by the Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for removing the existing fender for the east pier at Rio Vista Bridge, across the Sacramento River and constructing a new fender.

The work involves:

(1) 1 only existing fender to be removed;
(2) 124 l.f. existing pipe hand rail to be removed and reset;
(3) 1 lot existing protection pier lights to be removed and reset;
(4) 15 MFBM treated Douglas fir timber, select structural grade;
(5) 3,000 lbs. hardware;
(6) 5,500 l.f. furnishing treated Douglas fir piles;
(7) 71 each driving treated Douglas fir piles.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—P. F. Bender, 1012 Del Paso Blvd., Sacramento, at $12,313.93 awarded contract by Sacramento County Board of Supervisors, Sacramento, for the construction of a trestle over Burton Slough, 8 miles south of Franklin on the Lower Stockton Road.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—M. A. Jenkins, 3560 Y St., Sacramento, at $2,973.36 awarded contract by the Sacramento County Board of Supervisors, Sacramento, for construction of a bridge on California Vineyard Road.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

MARIN COUNTY, Cal.—Until June 22, 11 A. M., bids will be received by the Marin County Board of Supervisors, San Rafael, for the construction of a reinforced concrete bridge over Novato Creek on Sutro Ave., Novato.

The work involves:

(1) 180 c.y. Class A Portland cement concrete in place;
(2) 19,000 lbs. reinf. steel, in place.

Plans and specifications obtainable from the office of County Surveyor Rodney Messner, Court House, San Rafael, at a charge of $0.35 per copy.

June 11, 1936

COMPLETE BID LISTING

STOREY COUNTY, Nevada — Nevada Rock & Sand Co., Inc., 949 E. 4th St., Reno, at $14,123, as previously reported, submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a concrete and steel overpass over the Virginia & Truckee Railway near Virginia City, Route 17, Section B, a length of approximately 0.013 mile.

The work involves:

(1) 225 c.y. structure excavation;
(2) 0.013 mile finish roadway;
(3) 59 c.y. Class A concrete;
(4) 59 c.y. Class D concrete;
(5) 17,300 lbs. reinforcing steel;
(6) 22,900 lbs. new structural steel;
(7) 47,200 lbs. place structural steel;
(8) 19 c.y. cement rubble masonry.

Total bids follow:

(A) Nevada Rock & Sand Co., Reno, $14,123.
(B) Isbell Constr. Co., Reno, $15,093.
(C) Pacific Constr. Co., San Francisco, $15,946.
(D) Engineer's Estimate, $12,734.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)..	$ 3.00	$ 2.00	$ 4.00	$ 2.50
(2)..	1000.00	3000.00	2000.00	2000.00
(3)..	45.00	28.00	50.00	35.00
(4)..	50.00	30.00	50.00	40.00
(5)..	.08	.10	.10	.08
(6)..	.10	.20	.10	.12
(7)..	.08	.10	.10	.07
(8)..	20.00	8.00	20.00	15.00

CONTRACT AWARDED

SAN BERNARDINO CO., Cal.—Daley Corp., 4430 Boundary St., San Diego, at $128,392.60 awarded contract by the State Highway Commission, Sacramento, for constructing three reinforced concrete bridges across Santa ana River, Warm Creek and an overflow channel, and grading and paving approaches with Portland cement concrete near Colton, San Bernardino Co.

BIDS WANTED

LAKE COUNTY, Cal.—Until June 17, 10 A. M., bids will be received by the Lake County Board of Supervisors, W. M. Patterson, County Clerk, Courthouse, Lakeport, for repairing of the Rodman Bridge, situated on the Lucerne Cut-off Road.

Plans and specifications obtainable from the above office upon deposit of $10.00.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

SONOMA CO., Cal.—Until June 23, 3 P. M., bids will be received by U. S. Engineer Office, Col. J. A. Dorst, District Engineer, Custom House, San Francisco, for dredging in Petaluma Creek. The work extends from a point about 800 feet downstream from Haystack Landing to the foot of Western

Ave., Petaluma, a total length of 12,-710 feet.

The work includes redredging the channel and dredging a portion of the bank, from a point about 800 ft. easterly from Haystack Landing upstream for a distance of about 4,650 feet to a point about 200 feet northwest of Northwesern Pacific railroad bridge at McNear, 100 feet wide on the bottom and 10 feet deep at mean lower low water.

The work involves:

(1) 282,020 cubic yards dredging.

Specifications and drawings available on application to above office.

BIDS WANTED

CONTRA COSTA CO., Calif.—Until July 8, 3 P. M., bids will be received by U. S. Engineer Office, Col. J. A. Dorst, Dist. Engineer, Custom House, San Francisco, for dredging in Richmond Harbor.

The work is located at the upper end of Richmond Inner Harbor; opposite Terminal No. 2 and in the Santa Fe channel adjacent thereto. The dredging in the inner harbor channel is for a length of from 930 to 1,190 feet, 850 feet wide on the bottom to a depth of 31 feet at mean lower low water. Redredging in Santa Fe channel is for a length of about 2,500 ft., extending northwesterly from downstream end, 200 feet wide on the bottom to a depth of 31 feet.

The work involves:

(1) 211,760 cubic yards dredging.

Specifications and drawings available on application to above office.

23—IRRIGATION PROJ.

CONTRACT AWARDED

ALL-AMERICAN CANAL.—Bethlehem Steel Co., Bethlehem, Pa., at $9,-970.56 fob Potholes, Cal., awarded the contract by the Bureau of Reclamation, Denver, under Bid No. A-42,-014-A, for furnishing 310 pices of 40-ft. long sheet steel piling for the Imperial Dam and Desilting Works, All-American Canal System.

24— STREET LIGHTING SYSTEMS

BIDS OPENED

OAKLAND, Cal.—Taper Tube Pole Co., Monadnock Bldg., San Francisco, at $11,925.36 submitted low bid to the Oakland City Council for furnishing lighting standards for the Department of Electricity.

Union Metal Co. at $12,195.30 submitted the only other bid. *

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SANTA CLARA & SANTA CRUZ COS., Calif.—A. E. Garcia, Jr., Irvington, at $2.70 per hour submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one pneumatic-tired tank truck, capacity not less than 1,000 gals. equipped with 2-in. pipe connections for unloading, for aproximately 240 hours, for use in Santa Clara and Santa Cruz Counties.

Complete bids follow:

A. E. Garcia, Irvington, $2.70.

Hayward Bldg. Materials Co., Hayward, $2.75.

Lee J. Immel, Berkeley, $6.00.

25

BIDS OPENED

SONOMA AND MARIN COUNTIES, Cal.—Identical low bids at $4.00 per hour were submitted by E. A. Forde, 640 Redhill Ave., San Anselma, and Chas. Kuppinger, Lakeport, to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one pneumatic-tired tank truck, capacity not less than 2400 gals., for approximately 200 hours, for use in Sonoma and Marin Counties.

The other bids were:

Albert Helwig, Sebastopol.....$$4.40

E. A. Garcia Jr., Invington..... 4.50

Hayward Bldg. Materials Co., Hayward 5.00

Lee J. Immel, Berkeley..... 7.00

Bids held under advisement. *

CONTRACT AWARDED

ALCATRAZ ISLAND, Calif.—Warren Steam Pump Co., at $1,038.50 awarded contract by the Bureau of Prisons, Alcatraz Penitentiary, under Bid No. 667, for furnishing one 10-in. x 6-in x 10-in. boiler feed pump of the horizontal outside end packed plunger, pot valve type, bronze fitted throughout.

BIDS OPENED

SACRAMENTO, Cal .— C. Mankel, 2924½ 35th St., Sacramento, at $4.91 per hour; total $1473 submitted low bid to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 36-253, for furnishing and operating one dragline for 300 hours. Minimum dimensions of dragline to be as follows: 40-ft. boom, ½-cu. yd. bucket, and 55-hp. engine.

Complete bids follow:

C. Mankel, Sacramento, $4.91 per hour; total, $1473.

Lord & Bishop, Sacramento: $5 per hour; total, $1500.

J. R. Reeves, Sacramento, $5.25 per hour; total, $1575.

Delta Dredge Co., Pittsburg: $5.70 per hour; total, $1710.

Rock & Gravel Trucking Co., Oakland $6.80 per hour; total, $2040.

Bids held under advisement. * 25

CONTRACT AWARDED

OAKLAND, Cal.—Baker Rauling Co. at $2450 awarded contract by Oakland Port Commission for furnishing one dock lift truck, 3-ton capacity.

CONTRACT AWARDED

OAKLAND, Cal. — Edward Barron Estate Co., Russ Bldg., San Francisco, at $3500 awarded contract by Oakland Port Commission for furnishing one used 15-ton locomotive crane.

CONTRACT AWARDED

OAKLAND, Cal.—Superior Grinding & Motor Parts Co., 865 Post St., San Francisco, at $2700 awarded contract by Oakland Port Commission for furnishing 60 4-wheel dock trucks.

CONTRACT AWARDED

OAKLAND, Cal.—Superior Grinding & Motor Parts Co., 865 Post St., San Francisco, at 1745 awarded contract by Oakland Port Commission for furnishing two dock tractors; industrial type.

June 11, 1936

CONTRACT AWARDED

FORT PECK, Montana — Chicago Bridge & Iron Works, 2407 Old Colony Bldg., Chicago, at $908,960 awarded contract by the U. S. Engineer Office, Kansas City, Mo., for approximately 14,950,000 lbs. of steel plate tunnel lining in sections about 25 feet long, for Fort Peck Tunnel No. 1.

27—FIRE ALARM SYSTEM

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—Until June 15, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, for the installation of a fire alarm system.

Plans and specifications obtainable from the office of City Engineer E. P. Wilsey. *

29—STREETS AND HIGHWAYS

BIDS WANTED

YOLO COUNTY, Calif.—Until June 22, 19:30 A. M., bids will be received by State Division of Highways, C. H. Whitmore, District Engineer, 703 B Street, Marysville, for constructing portland cement concrete widening strips on about 0.4 mile between M Street Subway and Sacramento River Bridge in Yolo County.

The work involves:

(1) 3,300 sq. yds. subgrade for pave.;

(2) 25 tons untreated crushed gravel or stone in place (foot paths);

(3) 5 tons sand in place (penetration oil treatment);

(4) 2.7 tons liquid asphalt, Type SC-2 (penetration oil treatment);

(5) 630 c.y. Class A portland cement concrete (pavement);

(6) 1,140 pavement dowels;

(7) 2,050 lbs. bar reinf. steel (pave.)

Specifications may be obtained from the above office and are on file at the office of Daily Pacific Builder.

BIDS OPENED

SAN FRANCISCO—M. Bertolino, 32 Shotwell St., at $0.29 per sq. ft., total, $1740 submitted low bid to the Department of Public Works, City Hall, under Spec.t No. 18,927, for construction of sidewalks on Lincoln Way and other locations, involving construction of approximately 6000 sq. ft. of one-course concrete sidewalk.

Thomas Gallagher, at $0.35 per sq. ft., total $2100 submitted the only other bid. *

BIDS WANTED

MENDOCINO, Humboldt and Del Norte Counties, Cal.—Until July 1, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public W'ks Bldg., Sacramento, for furnishing and stockpiling road-mix surfacing material at various locations on about 21.5 miles of roadway in Mendocino, Humboldt and Del Norte Counties.

The work involves:

(1) 330 c.y. struc. excav.;

(2) 1,600 l.f. 8-in. perf. metal pipe;

(3) 305 c.y. rock filling material;

(4) 17,880 c.y. mineral aggregate;

(5) 1,175 tons liquid asphalt, SC-4;

(6) 2,900 c.y. screenings.

The State will furnish perforated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications obtainable from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineers at Eureka, San Francisco and Los Angeles. *

CONTRACT AWARDED

SAN BERNARDINO CO., Cal.—Oswald Bros., 366 E 58th St., Los Angeles, at $71,273.20 awarded contract by the State Highway Commission at Sacramento, for about 1.3 miles grading and paving with Portland cement concrete and asphalt concrete in San Bernardino County bet. Colton and Waterman Ave.

CONTRACT AWARDED

SHASTA COUNTY, Cal.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $59,617.30 awarded contract by the State Highway Commission, Sacramento, for about 2.4 miles grading and surfacing with crusher run base and road-mix surfacing in Shasta County between Viola and Forest Boundary.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—C. F. Robbins, 915 Merritt Bldg., Los Angeles, at $50,716.40 awarded contract by the State Highway Commission at Sacramento for grading and paving with Portland cement concrete on about 0.6 mile at Walnut Canyon, Los Angeles County.

CONTRACT AWARDED

ORANGE CO., Cal.—C. O. Sparks, 2309 E Olympia Blvd., Los Angeles, at $7,067.50 awarded contract by the State Highway Commission at Sacramento, for about two miles surfacing with plant-mixed surfacing (asph. emulsion type) in Orange County between Brea and the northerly boundary.

BIDS OPENED

RIVERSIDE COUNTY, Cal.—Martin Bros. Trucking Co., 1389 Gladys Ave., Long Beach, at $0.83 per c.y., total $7,055 submitted low bid to the Division of Highways, E. E. Wallace, District Engineer, San Diego, for about 16.5 miles surfacing with pit run gravel surfacing in Riverside County between Palo Verde and Route 64, near Blythe, involving 8,500 c.y. of pit run gravel surfacing in place.

Complete bids follow:

Martin Bros. Trucking Co., Long Beach, $0.83 per c.y.

A. C. Bussey, Riverside, $0.85 per c.y.

A. S. Vinnell Co., Los Angeles, $0.98 per c.y.

R. E. Hazard & Sons, San Diego: $1.23 per c.y.

V. R. Dennis Const. Co., San Diego, $1.23 per c.y.

Jack Starkenburg, $1.65 per c.y.

PLANNED

BERKELEY, Alameda Co., Calif.—City Engineer Harry Goodridge is preparing plans for construction of a pedestrian underpass crossing San Pablo Ave. at Virginia St. Estimated cost $8500 to be financed from city's share of gasoline tax funds.

BIDS WANTED

MARIN COUNTY, Cal.—Until June 22, 11 A. M., bids will be received by the Marin County Board of Supervisors, Court House, San Rafael, for applying liquid asphalt treatment on about 2.8 miles of the Wilson Hill-Hicks Valley Road, and on about 6.5 miles of the Marshall-Petaluma Road from Wilson Hill-Hicks Valley Road to Maggetti's Ranch.

The work requires about 210 tons of liquid asphalt, Type SC-2.

Rodney Messner, Court House, San Rafael, County Surveyor.

BIDS OPENED

ALAMEDA COUNTY, Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at $121,538.70 submitted low bid to the State Highway Commission, Sacramento, for about 2.4 miles grading and surfacing with crusher run base and plant-mix surfacing in Alameda County, between Folger Ave. and Camelia Street.

The work involves:

(1) 20,000 c.y. rdwy. excav., unclass.
(2) 500,000 sta. yds. overhaul rdwy. excavation;
(3) 31,700 c.y. imported selected material;
(4) 78,400 mile yds. haul imported selected material;
(5) 260 c.y. struc. excav.;
(6) 120 sta. finishing rdwy.;
(7) 25,000 tons crusher run base;
(8) 58 tons liquid asph. SC-2 (prime coat);
(9) 9,690 tons mineral agg. (plant-mixed surf.);
(10) 484 tons liquid asphalt MC-5 or MC extra heavy (plant-mixed surface);
(11) 40 tons liquid asphalt MC-3 (seal coat);
(12) 555 tons stone screenings (seal coat and shoulders);
(13) 73 tons liquid asphalt SC - 1A (shoulders);
(14) 38 tons liquid asphalt SC - 2 (shoulders);
(15) 220 lbs. bar reinf. steel (struc.);
(16) 6 c.y. Class A Portland cement concrete (struc.);
(17) 7,700 tons riprap;
(18) 220 l.f. 12-in. CMP;
(19) 130 l.f. 12-in. vit. clay pipe;
(20) 400 each guide posts;
(21) Alterations to existing ferry pier.

Total bids follow:

(A) Hanrahan Co., San Francisco, $121,538.70.
(B) Heafey - Moore Co., Oakland, $125,006.65.
(C) United Contracting Co., Portland, Oregon, $126,574.
(D) Union Paving Co., San Francisco, $128,340.

	(A)	(B)	(C)	(D)
(1)	$ .22	$ .25	$ .20	$ .30
(2)	.005	.005	.005	.005
(3)	.23	.30	.29	.25
(4)	.15	.10	.12	.15
(5)	.90	1.25	1.50	1.00
(6)	8.00	6.00	6.00	9.00
(7)	1.80	1.50	1.60	1.50
(8)	12.00	14.00	13.80	14.00
(9)	2.25	2.25	2.80	2.60
(10)	15.00	17.50	18.00	17.00
(11)	19.00	20.00	18.00	20.00
(12)	2.50	2.25	2.50	3.00
(13)	11.00	12.00	11.00	14.00
(14)	13.00	14.00	13.80	15.00
(15)	.06	.07	.06	.20
(16)	20.00	21.00	20.00	35.00
(17)	1.65	2.15	2.25	2.50
(18)	1.10	1.60	1.50	1.50
(19)	.85	1.60	1.50	3.00
(20)	1.25	1.50	1.00	2.00
(21)	2000.00	1500.00	2000.00	2000.00

* 29

LOW BIDDERS

YAVAPAI COUNTY, Ariz.—Pearson & Dickerson, Prescott, at $114,563 submitted low bid to Arizona State Highway Commission, Phoenix, for construction on the Prescott-Flagstaff Highway, WPMH, 96-D, A.F.E. 7912. The work which extends from Jerome to Clarkdale, a distance of about 4⅔ miles, consists of grading and draining the roadway, furnishing and placing select material, aggregate base course and cutback plant mix; salvaging and relying existing oil cake; and is to be complete on or before Nov. 15, 1936.

The principal items and approximate quantities are:

34,000 cu. yds. roadway excavation;
2,000 cu. yds. structural excavation;
22,700 sta. yds. overhaul;
11,800 c. y. mi. haul;
18,400 cu. yds. select material (CIP);
9,800 tons agg. base course (CIP);
49 cu. yds. class A concrete;
2,000 lbs. reinf. steel;
2,100 lin. ft. 8-in. perforated C. M. pipe;
1,662 lin. ft. C. M. pipe (7 sizes);
186 cu. yds. cement rubble masonry
300 lin. ft. rail bank protection;
2,800 lin. ft. combined curb and gutter;
8,432 lin. ft. road guard;
7,350 tons plant mix;
340 tons cutback asphalt;
120 tons emulsified asphalt;
1,350 tons screenings;
4,200 tons relaying old oil mix;
500 hours rolling;
1,000 M gal. sprinkling;
800 lin. ft. lowering 12-in. pipe line.

T. S. O'Connell, State Highway Engineer.

Pleasant-Hasler Co., Phoenix, submitted the second bid at $123,747

CONTRACT AWARDED

SHASTA COUNTY, Calif. — C. F. Frederickson & Sons, Lower Lake, at $3852.40 awarded contract by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for applying bituminous treatment (light surface application) on 5.722 miles of Sections G and H of Route 77, Mt. Shasta-Mt. Lassen National Highway, Shasta and Lassen National Forests, Shasta County.

BIDS OPENED

SACRAMENTO, Calif.—A. Teichert & Son, Inc., 1846 37th St., Sacramento at $49,772.95 submitted low bid to the State Highway Commission, Sacramento, for about 0.6 mile grading and paving with asphalt concrete and Portland cement concrete in Sacramento between C Street and American River.

The work involves:

(1) 1,100 c.y. rdwy. excav., unclass.;
(2) 3,100 c.y. struc. excav.;
(3) 200 c.y. existing asph. concrete and Portland cement concrete removed and disposed of;
(4) 8,300 s.y. preparing subgrade;
(5) 1,880 tons asphalt concrete (base and leveling course);
(6) 1,430 tons asphalt concrete (type A surf. course);
(7) 1,025 c.y. Class A Portland cement concrete (pave.);
(8) 32 c.y. Class A Portland cement concrete (struc.);
(9) 85 c.y. Class A Portland cement concrete (sidewalks and curbs);
(10) 5,500 lbs. bar reinf. steel (pave. and struc.);
(11) 1,350 each pavement dowels;
(12) 120 c.y. salvaged surf.;
(13) 387 l.f. 6-in. vitrified clay pipe;
(14) 363 l.f. 10-in. do;
(15) 529 l.f. 12-in. do;
(16) 591 l.f. 15-in. do;
(17) 1,150 l.f. 18-in. do;
(18) 231 l.f. 24-in. do;
(19) 14 each catchbasin covers and frames;
(20) 4 each manhole covers & frames;
(21) 17 each gutter drain assemblies;
(22) 3 each gutter drain assemblies removed and salvaged;
(23) 3 ea. manholes adjusted to grade
(24) 3 each, gutter drains, adjusted to grade;
(25) 9,300 s.y. asph. paint binder;
(26) 17 each pave. crossing devices (type C-10);
(27) 9 each do (type C-12);
(28) 12 ea. moving and resetting pave. crossing devices (type C-10);
(29) 4 each do (type C-12).

Total bids follow:

(A) Teichert & Son, Inc., Sacramento $49,772.95.
(B) Heafey-Moore Co., Oakland, $53,639.00.

Unit bids follow:

	(A)	(B)
(1)	$1.00	$ .90
(2)	1.60	2.00
(3)	3.60	3.00
(4)	.11	.15
(5)	4.28	4.30
(6)	4.48	4.70
(7)	15.00	12.50
(8)	30.00	35.00
(9)	15.00	20.00
(10)	.06	.10
(11)	.20	.50
(12)	1.00	4.00
(13)	.70	1.00
(14)	1.00	1.50
(15)	1.15	2.25
(16)	1.70	2.75
(17)	2.75	3.50
(18)	3.20	4.50
(19)	40.00	40.00
(20)	90.00	80.00
(21)	25.00	30.00
(22)	2.50	10.00
(23)	15.00	15.00
(24)	5.00	10.00
(25)	.02	.05
(26)	40.00	40.00
(27)	50.00	50.00
(28)	25.00	20.00
(29)	30.00	20.00

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Oswald Bros., 366 E 58th St., Los Angeles, at $65,160.40 awarded contract by the State Highway Commission, Sacra-

mento, for about 2.4 miles grading and paving with plant-mixed surfacing in Riverside County between the San Bernardino County line and Beaumont.

COMPLETE BID LISTING

MONTEREY COUNTY, Cal.—L. A. Brisco, Arroyo Grande, at $14,950.50, as previously reported, submitted low bid to the Division of Highway, L. H. Gibson, District Engineer, San Luis Obispo, for applying road-mix surface treatment to existing shoulders on about 12.2 miles in Monterey County, between Seaside Road and Castroville.

The work involves:

(1) 795 tons liquid asphalt, SC-3, in place;
(2) 65,000 sq. yds. prepare, mix, and shape shoulders.

Complete bids follow:

L. A. Brisco, Arroyo Grande: (1) $13.90 (2) $0.06; total, $14,950.50.
Lee J. Lmmel, Berkeley: (1) $13.46; (2) $0.07; total, $15,250.70.
Oilfields Trucking Co., Bakersfield: (1) $13.98; (2) $0.125; total, $19,239.10.

CONTRACT AWARDED

TEHAMA COUNTY, Calif. — N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $13,961.80, as previously reported, submitted the only bid received by the Division of Highways. F. W. Haselwood, District Engineer, Redding, and awarded contract by State Highway Commission, for about 0.3 miles grading and paving with Portland cement concrete in Tehama County at the south entrance to Red Bluff.

Unit bids follow:

(1) 50 M. gals. water in place, $2.00;
(2) 1,200 c.y. rdwy. excav., unclass., $0.50;
(3) 3,800 c.y. imported selected material in place, $0.75;
(4) 3,430 s.y. prepare subgrade, $0.15;
(5) 16 sta. finishing rdwy., $7.00;
(6) 160 c.y. remove existing pavement, $2.50;
(7) 130 c.y. salvaged surface in place borders, $2.50;
(8) 2 tons asphaltic emulsion in place (seal coat) $40;
(9) 10 c.y. sand in place (seal coat) $4.00;
(10) 674 c.y. Class A Portland cement concrete pavement, $12.25;
(11) 3,200 lbs. bar reinf. steel in place $0.08;
(12) 1,406 each pave. dowels, in place, $0.30;
(13) 2 each monuments, in place, $3.

CONTRACT AWARDED

GLENN COUNTY, Cal.—N. M. Ball Sons, P. O. Box 404, Berkeley, at $43,671.65 awarded contract by State Division of Highways for constructing a reinforced concrete bridge and about 1.5 mile highway construction in Glenn County, between 4 miles north of Willows and 1 mile south of Artois, of which about 0.5 mile is to be graded and surfaced with crusher run base and plant-mixed surfacing, about 0.6 mile to be widened and borders of crusher run base constructed and fences to be reconstructed over the remainder.

NOTICE TO BIDDERS

VENTURA COUNTY, Cal—A representative of the District Office will accompany prospective bidders over the proposed project in Ventura County, at Camarillo State Hospital, near Camarillo, road VII - Ven - Camarillo State Hospital, for which bids are to be received in Los Angeles June 25.

Said representative will meet prospective bidders at Camarillo State Hospital on Tuesday, June 16, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

MARIPOSA COUNTY—5.835 MI. GRADING— (GOVT.)

MARIPOSA COUNTY, Cal. — Wm. Von der Hellen, Medford, Oregon, at (369,376.20 submitted low bid to the Bureau of Public Roads, Federal Office Bldg., San Francisco, for approximately 5.835 miles grading on Sections A3 andA4 of Route 3, the Big Oak Flat Road, Yosemite National Park, Mariposa County.

The work involves:

(1) 43 acres clearing;
(2) 134 acres cleanup clearing;
(3) 262,000 cu. yds. unclassified excavation;
(4) 10,500 cu. yds. do for borrow;
(5) 2570 cu .yds. do from structures;
(6) 575,000 sta. yds. overhaul;
(7) 19.200 cu. yds. miles haul;
(8) 2004 cu. yds. hand laid rock embankment;
(9) 220 lin. ft. 12-in. perforated corrugated metal pipe;
(10) 1022 lin. ft. 18-in. C.G.M.P.;
(11) 3048 lin. ft. 24-in. do;
(12) 224 lin. ft. 30-in. do;
(13) 110 lin. ft. 48-in. C.G.M.P.(12-ga.)
(14) 292 lin. ft. 48-in. C.G.M.P. (8-ga)
(15) 70 lin. ft. 54-in. C.G.M.P.;
(16) 44 lin. ft. 60-in. do;
(17) 6 pipe culvert anchors;
(18) One 48-in. (8-ga) CMP elbow;
(19) 2 12-in. CMP elbows;
(20) 50 cu. yds. crushed rock or gravel for backfill;
(21) 10 cu. yds. Class A concrete;
(22) 410 lbs. reinforcing steel;
(23) 7 each cast steel grates;
(24) 372 cu. yds. masonry;
(25) 60 sq. yds. mortar backfill seal;
(26) Extra work, obliterating existing roads.

Total bids follow:

(A) Wm. Von der Hellen, Medford, $369,376.20.
(B) Ralph A. Bell, Portland, $440,340.40.
(C) Isbell Constr. Co., Reno, $484,749.10.
(D) Morrison-Knudsen Co., Los Angeles, $610,955.10.
(E) Engineer's Estimate, $355,716.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$760.00	$900.00	$600.00	$1000.00	$500.00
(2)	180.00	300.00	200.00	200.00	100.00
(3)	1.03	1.12	1.42	1.75	1.00
(4)	.25	.50	.50	1.00	.35
(5)	1.00	2.25	1.50	3.00	2.00
(6)	.01	.02	.02	.03	.02
(7)	.20	.30	.10	.30	.25
(8)	2.50	4.00	5.50	6.00	4.00
(9)	1.30	1.75	1.50	2.00	1.50
(10)	1.50	2.50	1.90	2.20	2.00
(11)	2.50	3.50	3.00	2.40	2.75
(12)	3.30	4.40	3.50	3.00	3.50
(13)	6.50	7.40	7.25	9.00	7.50
(14)	9.00	12.50	10.00	11.00	11.00
(15)	6.50	10.65	9.00	11.00	8.75
(16)	9.00	14.00	11.70	13.00	13.50
(17)	10.00	10.00	35.00	10.00	10.00
(18)	35.00	50.00	30.00	20.00	75.00
(19)	7.50	9.00	7.00	5.00	8.00
(20)	5.00	8.00	4.00	5.00	4.00
(21)	40.00	40.00	40.00	80.00	40.00
(22)	.10	.08	.10	.15	.10
(23)	10.00	56.00	125.00	30.00	20.00
(24)	19.00	25.00	20.00	30.00	20.00
(25)	2.00	2.00	.25	2.00	.50
(26)	500.00	500.00	500.00	500.00	500.00

Bids held under advisement.

ALAMEDA COUNTY—Niles Underpass & Paving—(State)

ALAMEDA COUNTY, Calif.—Eaton & Smith, 715 Ocean Ave., San Francisco, at $453,162.22 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer at Sacramento, for constructing six under grade crossing structures under the tracks of the Southern Pacific and the Western Pacific railroads, and constructing one bridge and about 2.89 miles grading and paving with Portland cement concrete and plant-mixed surfacing on crusher run base in Alameda County, near Niles.

The work involves:

29

(1) 1 only exist bridge to be removed
(2) 870 cu. yds. exist. Portland cement to be removed and disposed of;
(3) 152 sta. clearing and grubbing;
(4) 500 M. gals. water;
(5) 110,000 cu. yds. roadway excav. unclass.;
(6) 11,690 cu. yds. struc. excav.;
(7) 1,200,000 sta. yds. overhaul;
(8) 144 sta. finishing roadway;
(9) 9600 tons crusher run base;
(10) 7300 tons min. aggregate (plant-mixed surf.);
(11) 365 tons liquid asphalt MC-5 or extra heavy (plant-mixed surf.)
(12) 50 tons. liq. asph. MC-2 (prime coat);
(13) 280 tons screenings (seal coat);
(14) 30 tons liquid asphalt MC-3 (seal coat);
(15) 105 tons liquid asphalt SC-1A (road connections & shoulders)
(16) 70 tons liq. asphalt SC-2 (road connections and shoulders);
(17) 2430 cu. yds. Class A Portland cement concrete (stand pave.);
(18) 635 cu. yds. Class B Portland cement concrete (thick pave);
(19) 4080 each pave dowels;
(20) 853,000 lbs. bar reinf. steel;
(21) 7722 cu. yds. Class A Portland cement concrete (strucs.);
(22) 31 cu. yds. Class F Portland cement concrete (railing);
(23) 365,000 lbs. struc. steel in place;
(24) 1,048,000 lbs. struc. steel (furnishing and painting);
(25) 1650 lin. ft. furnishing treated Douglas Fir piles, including test piles;
(26) 66 each driving treated Douglas Fir piles, including test piles;
(27) 4544 lin. ft. furnishing steel piles, including test piles;
(28) 144 each driving steel piles, including test piles;
(29) 620 lbs. bronze expansion plates;
(30) 20 cu. yds. rubble masonry;
(31) 600 cu. yds. riprap;
(32) 800 lin. ft. 15-in. reinf. concrete pipe;
(33) 160 lin. ft. 24-in. do;
(34) 1542 lin. ft. 8-in. CMP;
(35) 1320 lin. ft. 10-in. CMP;
(36) 580 lin. ft. 12-in. CMP;
(37) 362 lin. ft. 15-in. CMP;
(38) 1470 lin. ft. 18-in. CMP;
(39) 52 lin. ft. 24-in. CMP;

(40) 590 lin. ft. 30-in. CMP;
(41) 770 lin. ft. 8-in. perf. metal pipe;
(42) 2280 lin. ft. 8-in. perf. metal pipe (furnished by the State);
(43) 435 cu. yds. rock filling material
(44) 418 lin. ft. remove and relay pipe culverts;
(45) 887 lin. ft. remove and salvage pipe culverts;
(46) 1200 lin. ft. 8-in. vit clay pipe;
(47) 755 cu. yds. Class A Portland cement concrete (curbs, gutters and sidewalks);
(48) 1240 lin. ft. guard railing;
(49) 48 each guide posts;
(50) 32 each culvert markers;
(51) 933 lin. ft. pipe handrail;
(52) 3.5 miles new property fences;
(53) 20 each tubular gates;
(54) 2580 sq. yds. membrane waterproofing;
(55) 70 each monuments;
(56) 3220 lin. ft. 1¼-in. cast iron irrigation pipe;
(57) 32 each ¾-in. irrigation outlets;
(58) 150 lin. ft. 10-in. cast iron discharge pipe;
(59) 820 lin. ft. 12-in. cast iron discharge pipe;
(60) 3290 lbs. misc. iron and steel;
(61) 2 each spillway assemblies;
(62) 1700 lbs. copper strips;
(63) 300 lin. ft. lighting conduit;
(64) 1 lot pumping equipment;
(65) 1 each brick manhole;
(66) 17 cu. yds. Class A Portland cement conc. (ditch lining);
(67) 1300 lin. ft. tree stakes;
(68) 170 cu. yds. top soil;
(69) 134 each trees (eucalyptus polyanthemos);
(70) 1070 ea. roses (Rosa Wichuriana) riana);
(71) 1 lot misc. items of work.

Complete bids follow:

(A) Eaton & Smith, San Francisco, $453,162.22.
(B) J. F. Knapp, Oakland, $467,356.
(C) MacDonald & Kahn Co., Ltd., San Francisco, $476,344.50.
(D) F. O. Bohnett, Campbell, $482,-272.10.
(E) Wood & Bevanda, Stockton, $486-903.10.
(F) Guy F. Atkinson, San Francisco, $513,134.80.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$7500.00	$10000.00	$9000.00	$7500.00	$5000.00	$14200.00
(2)	3.70	4.00	3.50	3.00	3.00	4.00
(3)	37.00	10.00	15.00	15.00	15.00	35.00
(4)	1.25	2.00	2.00	1.00	1.00	1.00
(5)	.45	.40	.39	.40	.50	.45
(6)	.75	1.25	1.50	1.50	1.00	1.50
(7)	.003	.005	.01	.004	.005	.005
(8)	6.00	8.00	8.00	10.00	10.00	15.00
(9)	1.50	1.75	1.90	1.65	1.80	1.65
(10)	2.05	2.50	2.85	2.50	2.75	2.50
(11)	17.00	20.00	18.00	16.50	17.00	16.50
(12)	22.50	22.50	19.00	18.50	17.00	18.50
(13)	3.00	2.50	2.50	2.50	2.70	2.50
(14)	22.00	22.50	20.00	18.00	17.00	18.00
(15)	14.00	15.00	13.00	11.50	12.00	11.50
(16)	15.20	16.00	14.00	12.50	12.50	12.50
(17)	7.90	10.00	9.50	10.00	10.00	9.00
(18)	6.40	11.00	9.00	9.00	9.00	7.00
(19)	.25	.25	.25	.25	.25	.20
(20)	.05	.045	.045	.05	.05	.05
(21)	14.61	14.00	15.00	15.00	16.00	18.00
(22)	60.00	75.00	50.00	60.00	60.00	50.00
(23)	.07	.07	.83	.08	.07	.07
(24)	.06	.055	.055	.07	.065	.06
(25)	.63	.55	.70	.65	.50	.75
(26)	25.00	15.00	25.00	13.00	10.00	20.00
(27)	1.67	1.50	1.30	1.55	1.40	1.50
(28)	18.00	20.00	5.00	18.00	10.00	20.00
(29)	.30	.30	.55	.50	.35	.50
(30)	14.50	15.00	13.00	15.00	20.00	15.00
(31)	4.85	5.00	2.00	1.50	3.00	4.00
(32)	1.80	2.50	2.10	1.50	1.25	2.50
(33)	3.00	3.50	3.50	2.00	2.50	3.50
(34)	1.00	1.00	1.00	.90	1.00	1.00
(35)	1.21	1.10	1.20	1.00	1.50	1.25
(36)	1.27	1.25	1.35	1.20	2.00	1.50
(37)	1.60	1.50	1.60	1.50	2.00	2.00
(38)	1.70	1.75	1.90	2.20	2.25	2.50
(39)	2.50	2.50	3.00	2.50	4.00	3.50
(40)	3.30	3.00	3.50	3.00	5.00	4.50
(41)	1.00	1.00	1.00	.90	1.50	1.00
(42)	.25	.40	.35	.20	1.00	.50
(43)	2.10	2.00	2.30	1.75	2.00	2.50
(44)	.50	1.00	1.10	1.25	1.00	1.50
(45)	.35	.50	.60	.50	.50	1.00
(46)	.60	.60	.60	.55	.75	.60
(47)	14.50	18.00	14.00	15.00	15.00	16.00
(48)	1.25	1.00	1.00	.85	1.00	1.50
(49)	3.10	2.00	2.50	1.50	2.00	2.50
(50)	3.00	2.00	2.50	1.80	2.00	2.50
(51)	2.40	2.00	2.20	1.75	2.00	2.00
(52)	600.00	550.00	600.00	600.00	400.00	600.00
(53)	18.00	20.00	15.00	16.00	20.00	25.00
(54)	.80	.75	1.00	.80	1.00	.35
(55)	3.50	2.50	3.00	3.00	3.00	3.00
(56)	.30	.30	.45	.35	.30	.50
(57)	6.00	1.00	5.00	2.00	2.00	2.00
(58)	2.50	2.00	2.70	2.20	2.00	5.00
(59)	2.75	2.50	3.00	2.75	3.00	6.00
(60)	.25	.20	.25	.25	.25	.15
(61)	12.00	10.00	25.00	15.00	40.00	15.00
(62)	.40	.30	.45	.50	.35	.60
(63)	.36	.50	.40	.25	1.00	.50
(64)	4480.00	3500.00	4500.00	5000.00	2000.00	4000.00
(65)	100.00	100.00	200.00	75.00	100.00	150.00
(66)	11.00	15.00	20.00	15.00	15.00	16.00
(67)	.05	.075	.10	.10	.05	.065
(68)	1.25	1.25	1.50	1.25	1.00	1.00
(69)	1.90	2.50	2.50	2.50	2.50	2.20
(70)	.30	.70	.75	.65	1.00	.60
(71)	1200.00	12000.00	4100.00	5000.00	2000.00	2600.00

BIDS WANTED

SAN FRANCISCO — Until June 24, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,946, for the widening and reconstruction of Sixth Street, between Market and Townsend Streets, a PWA project. Estimated cost, $72,154.

The work involves:

(1) 6600 lin. ft. stone curb reset, all sizes;
(2) 2700 sq. ft. stone curb redressed;
(3) 600 lin. ft. armored concrete curb
(4) 48 each brick catchbasins reset or reconstructed;
(5) 48 each concrete curb inlets;
(6) 13 each brick catchbasins complete;
(7) 220 lin. ft. 10-in. VCP culvert;
(8) 2 each manhole frames and covers, installed;
(9) 3 each brick manholes, complete
(10) 800 lin. ft. 6-in. VCP side sewers, in place;
(11) 24 each street and traffic signs reset;
(12) 25 each low pressure hydrants moved;
(13) 12 each high pressure hydrants moved;
(14) 7500 lbs. new cast iron pipe and special lead;
(15) 900 lbs. lead;
(16) 70 cu. yds. excavation fo high pressure pipe;
(17) 2000 lbs. wrought iron bolts, nuts and washers;
(18) 6 each electric traffic signals relocated (vehicular);
(19) 3 each electric traffic signals relocated (pedestrian);
(20) 2 each electric traffic signal control units relocated;
(21) 1 each electric traffic signals relocated (combination vehicular and pedestrian);
(22) 4 each fire alarm boxes relocated
(23) 3 each combination fire alram and police telephone boxes relocated
(24) 4 each electroliers relocated;
(25) 42,000 sq. ft. removal of pavement, consisting of a base and a brick or asphaltic concrete wearing surface;
(26) 7000 sq. ft. basalt block pavement removed;
(27) 7200 sq. ft. brick wearing surface removed;
(28) 53,000 sq. ft. asphaltic concrete wearing surface removed;
(29) 3800 cu. yds. crushed rock fill;
(30) 54,000 sq. ft. 8-in. Class E concrete pavement parking lane;
(31) 3400 tons asphaltic concrete base course;
(32) 2480 tons asphaltic concrete wearing surface;
(33) 200 tons asphaltic concrete conform pavement;
(34) 23,500 sq. ft. Class F concrete paving base (4 sacks cement per cu. yd.);
(35) 275 each center line traffic markers in place;
(36) 11,000 lin. ft. 4-in. white lacquer traffic lines, in place;
(37) 2200 lin. ft. 6-in. white lacquer traffic lines, in place;
(38) 1625 new cross-walk markers furnished;
(39) 18 each new turning buttons furnished;
(40) 2450 each cross-walk markers installed;
(41) 26 each turning buttons installed
(42) 17,500 sq. ft. one course concrete sidewalk;
(43) 4400 sq. ft. asphalt - macadam sidewalk;
(44) 2100 lin. ft. 1½-in. conduit in place;
(45) 80 cu. yds. Class B concrete in place.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of $10.

BIDS OPENED

TUOLUMNE COUNTY, Cal.—M.J.B. Const. Co., 319 Elks Bldg., Stockton, at $63,611.10 submitted low bid to the State Highway Commission, Sacramento, for about 2.4 miles grading and surfacing with road-mix surfacing on untreated crushed gravel or stone base in Tuolumne County between 3½ miles east of Sullivan Creek and Pooleys.

The work involves:

(1) 16 stations clearing and grubbing right of way;
(2) 1,000 M. gals. water;
(3) 53,000 c.y. rdwy. excav., unclass.;
(4) 1,400 c.y. struc. excav.;
(5) 1,850 c.y. ditch and channel excavation;
(6) 115,000 sta. yds. overhaul;
(7) 11,000 mi. yd. haul selected material;
(8) 126 sta. finishing rdwy.;
(9) 300 c.y. ditch lining;
(10) 8,250 tons crushed gravel or stone base;
(11) 4,000 tons mineral agg. (road-mix surf.);
(12) 60 tons liquid asph. SC-2 (prime coat and detour);
(13) 200 tons do. SC-3 or SC-4 (road-mix surf.);
(14) 24 tons do MC-3 (seal coat);
(15) 220 tons sand (seal coat);
(16) 40 c.y. rubble masonry;
(17) 288 l.f. 8-in. CMP;
(18) 674 l.f. 18-in. CMP;
(19) 300 l.f. 24-in. CMP;
(20) 38 l.f. 30-in. CMP;
(21) 238 l.f. 36-in. CMP;
(22) 976 l.f. 8-in. perf. metal pipe (underdrains);
(23) 170 c.y. rock filling material (do)
(24) 30 l.f. cleaning and relaying CMP
(25) 498 l.f. cleaning and salvaging do
(26) 6 each spillway assemblies;
(27) 29 each culvert markers;
(28) 4.4 miles new property fences;
(29) 0.12 mile moving and resetting property fences;
(30) 35 each drive gates;
(31) 44 each monuments complete in place.

Total bids follow:

(A) M.J.B. Const. Co., Stockton, $63,611.10.
(B) Union Paving Co., San Francisco, $68,466.00.
(C) Biasotti, Willard and Biasotti, Stockton, $74,743.28.

Unit bids follow:

	(A)	(B)	(C)
(1)	$55.00	$50.00	$40.00
(2)	1.00	1.25	1.00
(3)	.34	.39	.45
(4)	1.00	1.30	1.20
(5)	.75	.75	.75
(6)	.01	.01	.01
(7)	.20	.15	.10
(8)	6.00	5.00	7.00
(9)	3.00	10.00	6.00
(10)	1.60	1.50	1.90
(11)	1.70	1.75	2.15
(12)	15.00	16.00	16.00
(13)	17.00	20.00	20.00
(14)	22.00	25.00	24.00
(15)	3.00	5.00	5.00
(16)	16.00	16.00	15.00
(17)	1.00	1.25	1.15
(18)	2.25	2.25	1.79
(19)	3.25	2.75	2.83
(20)	3.60	3.50	3.50
(21)	5.00	5.50	6.00
(22)	1.00	1.25	1.12
(23)	5.00	4.00	4.00
(24)	1.50	1.00	1.00
(25)	1.00	.50	.50
(26)	16.00	16.00	15.00
(27)	2.50	3.00	5.00
(28)	520.00	500.00	600.00
(29)	300.00	300.00	300.00
(30)	18.00	16.00	20.00
(31)	2.50	3.00	3.00
			29

BIDS OPENED

RIVERSIDE COUNTY, Cal.—Regal Oil Co., 2305 Orange Ave., Long Beach at $4,155.30 submitted low bid to the Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for furnishing and applying liquid asphalt on about 12.5 miles in Riverside County between 12 miles east of Desert Center and 2.2 miles west of Blythe, and between Routes 26 and 187, involving:

(1) 285 tons liquid asphalt SC-2 (Location A);
(2) 190 tons do (Location B).

Complete bids follow:

Regal Oil Co., (1) $9.34; (2) $7.86; total, $4155.30.

Morgan Bros., (1) $9.48; (2) $9.48; total, $4503.00.

Paulsen & March: (1) $10.41; (2) $8.70; total, $4619.85.

Gilmore Oil Co.: (1) $10.88; (2) $8.93 total, $4797.50.

Lamb Transfer Co.: (1) $10.93; (2) $8.97; total, $4819.35.

Square Oil Co.: (1) $11.95; (2) $8.00; total, $4925.75.

Oil Fields Trucking Co.: (1) $11.05; (2) $10.05; total, $5058.75.

CONTRACT AWARDED

STOREY COUNTY, Nev. — Nevada Rock and Sand Co., 949 F 4th Street, Reno, at $14,123 submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City for the construction of a concrete and steel overpass over the Virginia and Truckee Railway near Virginia City, Route 17, Section B, a length of approximately 0.013 mile.

Isbell Const. Co., Reno, at $15,093 submitted second low bid.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—Earl W. Heple, 494 Delmas Ave., San Jose, at $13,635 submitted low bid and awarded contract by the Santa Clara County Board of Supervosirs, San Jose, for the improvement of Calaveras Road, from the State highway in Milpitas to a paint near Evans Road, involving:

(1) 184,100 sq. ft. pavement, oil macadam;
(2) 2300 sq. ft. plant-mix surfacing;
(3) 540 sq. ft. additional plant-mix railroad crossings.

A. J. Raisch, San Jose, at $13,735.50 submitted the only other bid.

Engineer's estimate, $13,810.

SAN BERNARDINO CO.—1.3 Mi. Grade & Pave—(State)

SAN BERNARDINO COUNTY, Cal.—Oswald Bros., 366 E 58th St., Los Angeles, at $71,273.20, as previously reported, submitted low bid to State Highway Engineer, State Bldg., Los Angeles, for about 1.3 miles grading and paving with Portland cement concrete and asphalt concrete in San Bernardino County, between Colton and Waterman Avenue.

The work involves:

(1) 2,206 M. gals. water;
(2) 104,000 c.y. rdwy. and dike embankment;
(3) 285 c.y. struc. excav.;
(4) 16,360 s.y. subgrade for pave.;
(5) 50 sta. finishing roadway;
(6) 131 tons liquid asphalt SC-2 (road mix surface treatment)
(7) 12,700 s.y. preparing, mixing and shaping shoulders (road - mix surf. treatment);
(8) 14 tons liquid asphalt 90-95 (seal coat);
(9) 159 tons screenings (seal coat);
(10) 2,290 tons asphalt concrete;
(11) 2,550 c.y. Class A Portland cement concrete (pave.);
(12) 5,300 each pavement dowels;
(13) 12,000 lbs. bar reinf. steel (pave and struc.);
(14) 28 c.y. Class A Portland cement concrete (struc.);
(15) 140 l.f. 8-in. CMP;
(16) 74 l.f. 18-in. CMP;
(17) 60 l.f. 24-in. CMP;
(18) 130 l.f. 36-in. CMP;
(19) 102 l.f. 30x3⅝-in. part circle corrugated metal;
(20) 126 l.f. 36x7½-in. do;
(21) 10 each spillway assemblies;
(22) 6 c.y. Class A Portland cement concrete (sidewalks);
(23) 12 each culvert markers;
(24) 150 each guide posts;
(25) 2.2 miles new property fence;
(26) 8 each drive gates;
(27) 3,200 s.y. asphaltic paint binder;
(28) 11 c.y. existing concrete to be removed and disposed of;
(29) 9,600 each willow cuttings;
(30) 30 each monuments complete in place.

Total bids follow:

(A) Oswald Bros., Los Angeles, $71,273.20.
(B) Griffith Co., Los Angeles, $77,922.60.
(C) Dimmitt & Taylor, Los Angeles, $80,036.20.
(D) C. O. Sparks and Mundo Engr. Co., Los Angeles, $83,177.70.
(E) V. R. Dennis Const. Co., San Diego, $84,255.60.
(F) Matich Bros., Elsinore, $85,609.80; (Note: bidder made error in his unit price on item (1). Total given is bidder's own figure, not as computed by the State.)
(G) Daley Corp., San Diego, $86,783.75.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 1.25	$ .75	$ .80	$ 1.00	$ 1.10	$3970.80	$ 1.50
(2)	.26	.29	.325	.30	.31	.39	.39
(3)	1.00	1.00	1.00	1.00	.80	.60	1.50
(4)	.11	.09	.12	.10	.10	.12	.15
(5)	4.00	5.00	7.00	5.00	10.00	5.00	5.00
(6)	9.00	10.00	10.00	9.00	12.00	8.00	10.00
(7)	.045	.06	.06	.05	.07	.04	.05
(8)	19.50	18.00	20.00	25.00	18.00	20.00	25.00
(9)	2.60	2.50	2.50	3.50	4.00	2.20	2.75
(10)	3.35	4.50	4.90	4.50	4.00	4.30	4.00
(11)	8.35	8.87	8.05	8.50	10.00	7.40	10.85
(12)	.11	.11	.12	.15	.25	.10	.15
(13)	.04	.05	.07	.05	.045	.08	.045
(14)	22.00	20.00	30.00	25.00	24.00	18.00	22.00
(15)	1.10	1.00	1.00	1.00	1.25	1.00	1.00
(16)	1.90	2.00	2.00	1.50	2.00	2.00	1.50
(17)	2.80	3.00	3.00	2.50	3.00	3.00	2.50
(18)	5.15	5.00	5.50	5.00	6.00	5.00	4.50
(19)	2.25	1.50	2.00	2.00	2.00	2.75	1.50
(20)	2.85	2.00	2.70	2.70	3.00	3.75	2.50
(21)	15.00	13.00	16.00	15.00	14.00	15.00	15.00
(22)	15.00	13.00	20.00	25.00	20.00	12.00	18.00
(23)	2.00	2.00	2.25	3.00	1.50	2.00	2.25
(24)	1.80	2.00	2.00	3.00	1.50	2.00	2.25
(25)	500.00	500.00	450.00	550.00	500.00	500.00	500.00
(26)	18.50	20.00	16.00	25.00	15.00	15.00	15.00
(27)	.025	.03	.03	.05	.03	.03	.03
(28)	3.50	2.00	7.00	4.00	5.00	5.00	5.00
(29)	.25	.25	.14	.70	.30	.20	.25
(30)	3.00	3.00	3.00	3.00	2.00	3.00	2.50

PLACER COUNTY, Cal.—Hemstreet & Bell, Marysville, 411 C St., Marysville, at $163,069 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 7.1 miles grading and surfacing with plant-mixed surfacing on crusher run base in Placer County between 4½ miles northeast of Tahoe City and the Nevada state line.

The work involves:

(1) 38 acres clearing and grubbing right of way;
(2) 1,850 M. gals. water;
(3) 39,000 c.y. rdwy. excav., unclass.;
(4) 263,000 sta. yds. overhaul;
(5) 11,100 c.y. imported borrow;
(6) 1,950 c.y. struc. excav.;
(7) 375 sta. finishing rdwy.;
(8) 20,00 tons crusher run base;
(9) 13,700 tons mineral agg. (plant-mixed surf.);
(10) 360 c.y. sand (prime coat);
(11) 550 tons stone screenings (seal coat);
(12) 100 tons liquid asph. SC-2 (prime coat);
(13) 680 tons liquid asphalt ROMC-4 or ROMC-5 (plant-mixed surf.);
(14) 60 tons liquid asphalt ROMC-3, or ROMC - 4 or ROMC - 5 (seal coat);
(15) 90 lbs. bar reinf. steel;
(16) 1 c.y. Class A Portland cement concrete (struc.);
(17) 85 c.y. rubble masonry (head-walls);
(18) 30 c.y. dry rubble (retaining walls);
(19) 324 l.f. 12-in. CMP;
(20) 2,148 l.f. 18-in. CMP;
(21) 78 l.f. 24-in. CMP;
(22) 204 l.f. 30-in. CMP;
(23) 1 each cast steel frame and cover for drop inlet;
(24) 620 l.f. existing pipe culverts removed, cleaned and relaid;
(25) 103 l.f. existing pipe culverts removed, cleaned and salvaged;
(26) 116 each culvert markers;
(27) 264 each guide posts;
(28) 0.2 mile new property fence;
(29) 1.0 mile existing property fences moved and reset;
(30) 3 each drive gates;
(31) 175 each monuments complete in place.

Total bids follow:

(A) Hemstreet and Bell, Marysville, $163,069.
(B) Union Paving Co., San Francisco, $179,283.70.
(C) George Pollock Co., Sacramento, $192,072.80.
(D) J. A. Casson, Hayward, $196,596.
(E) Isbell Const. Co., Reno, $218,-338.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(F)
(1)	$200.00	$300.00	$300.00	200.00	$350.00
(2)	1.50	1.00	2.50	2.00	1.50
(3)	.85	.80	.60	1.40	1.20
(4)	01	.02	.02	.01	.02
(5)	.65	.80	.90	.75	.70
(6)	1.50	2.00	1.40	2.00	1.50
(7)	7.50	10.00	10.00	10.00	10.00
(8)	2.05	2.20	2.60	2.00	2.00
(9)	2.30	2.20	3.20	2.50	4.50
(10)	3.00	4.00	2.00	1.50	8.00
(11)	300	4.00	3.00	3.00	4.50
(12)	22.50	25.00	20.00	25.00	19.00
(13)	22.50	27.50	25.00	30.00	24.00
(14)	25.00	30.00	27.00	30.00	26.50
(15)	.10	.20	.10	.10	.10
(16)	40.00	40.00	40.00	40.00	40.00
(17)	15.00	20.00	22.00	25.00	20.00
(18)	5.00	12.00	17.00	5.00	10.00
(19)	1.25	1.80	1.75	1.50	1.50
(20)	2.00	2.50	2.25	2.00	2.05
(21)	3.00	3.50	3.00	2.80	3.10
(22)	3.50	4.50	3.50	4.00	4.00
(23)	40.00	50.00	40.00	15.00	40.00
(24)	.60	1.00	.80	1.00	.50
(25)	.50	.50	.60	.50	.50
(26)	2.50	3.00	3.50	3.00	3.25
(27)	2.50	3.00	3.00	3.00	2.75
(28)	1000.00	800.00	700.00	500.00	600.00
(29)	350.00	400.00	600.00	300.00	450.00
(30)	20.00	20.00	25.00	20.00	20.00
(31)	3.00	3.00	4.00	3.00	3.50

CONTRACT AWARDED

CLARK COUNTY, Nevada.—J. C. Compton, McMinnville, Ore., at $23,-839.52 submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City, for the construction of an asphaltic road-mix surface on a portion of the State highway system in Clark County between Logandale and a point 0.74 mi. south of Overton, Route 12, Section B2, a length of approximately 6.21 mi.

U. B. Lee, San Leandro, Calif., at $28,412.70 submitted second low bid.

CONTRACT AWARDED

SAN LUIS OBISPO COUNTY, Cal.—Paulsen & March, Inc., 8275 Compton Ave., Los Angeles, at $11,343.60 awarded contract by State Division of Highways for furnishing and applying liquid asphalt on about 41 miles in San Louis Obispo County, between Cambria and Route 2, between Morro and Shandon and between Santa Margarita and Creston.

BIDS WANTED

HAYWARD, Alameda County, Calif.—Until June 12, 8 p.m., bids will be received by the Hayward City Council M. C. Pembleton, City Clerk, for armor coating on Alice and Park Streets. Estimated cost, $1100.

Plans and specifications obtainable from the office of City Engineer John Mancini upon deposit of $5.

ALAMEDA & CONTRA COSTA CO.—3.1 mi. Grade & Surf.

ALAMEDA COUNTY, Calif.—Union Paving Co., Call Bldg., San Francisco, at $209,335.50 submitted low bid to the State Highway Commission, Sacramento, for about 3.1 miles grading and surfacing with crusher run base and plant-mixed surfacing in Alameda and Contra Costa Counties, between Camelia Street and San Pablo Ave.

The work involves:

(1) Clearing and grubbing right of way;
(2) 155,000 c.y. rdwy. excav., unclass.
(3) 5,500,000 sta. yds. overhaul;
(4) 3,800 c.y. struc. excav.;
(5) 163 sta. finishing rdwy.;
(6) 35,000 tons crusher run base;
(7) 96 tons liquid asph. SC-2 (prime coat);
(8) 15,800 tons mineral agg. (plant-mixed surf.);
(9) 790 tons liquid asphalt MC-5 or MC extra heavy (plant-mixed surf.);
(10) 65 tons liquid asph. MC-3 (seal coat);
(11) 810 tons stone screenings (seal coat and shoulders);
(12) 84 tons liq. asph. SC-1A (shoulders);
(13) 43 tons liq. asph. SC-2 (shoulders);
(14) 44,500 lbs. bar reinf. steel (struc.)
(15) 520 c.y. of Class A Portland cement concrete (struc.);
(16) 220 l.f. 8-in. CMP 16 gauge;
(17) 800 l.f. 18-in. CMP 16 gauge;
(18) 740 l.f. 21-in. CMP 12 gauge;
(19) 350 l.f. 24-in. CMP 14 gauge;
(20) 80 l.f. 30-in. CMP 10 gauge;
(21) 5 each spillway assemblies;
(22) 106 l.f. 18x2½-in. part circle CM, 10 gauge;
(23) 332 l.f. 24x5-in. do,
(24) 140 l.f. 30x3⅝-in. do, 8 gauge;
(25) 2,750 l.f. 6-in. vit. clay pipe;
(26) 40 l.f. 12-in. vit. clay pipe;
(27) 1,000 l.f. 18-in. vit. clay pipe;
(28) 155 c.y. Class A Portland cement concrete (curbs, gutters & sidewalks);
(29) 1,600 l.f. redwood curbs;
(30) 1,640 l.f. laminated guard rail;
(31) 95 each guide posts;
(32) 25 each culvert markers;
(33) 1.0 mile property fence;
(34) 50 each monuments;
(35) 21 each manholes;
(36) 28 each adjusting manholes to grade;
(37) 3 each lampholes;
(38) 2,200 M. gals. water.

Total bids follow:

(A) Union Paving Co., San Francisco, $209,335.50.
(B) Peninsula Paving Co., San Francisco, $211,386.80.
(C) Hanrahan Co., San Francisco, $224,123.00.
(D) Heafey-Moore Co., Oakland, $268-987.00.
(E) Wood & Bevanda, Stockton, $278,-888.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$4000.00	$1500.00	$2200.00	$2000.00	$2000.00
(2)	.28	.35	.30	.40	.64
(3)	.002	.003	.0025	.005	.005
(4)	1.00	1.00	.90	1.00	1.50
(5)	9.00	5.00	10.00	10.00	10.00
(6)	1.50	1.50	2.05	2.00	1.83
(7)	13.00	12.00	12.00	15.00	12.00
(8)	2.40	1.70	2.40	2.80	2.40
(9)	17.00	18.00	15.00	15.00	19.00
(10)	20.00	20.00	20.00	20.00	19.00
(11)	3.00	2.25	3.00	3.00	2.50
(12)	14.00	12.00	12.00	15.00	11.00
(13)	16.00	12.00	12.00	15.00	12.00
(14)	.05	.05	.05	.06	.05
(15)	18.00	20.00	16.00	20.00	20.00
(16)	1.00	.90	.90	1.00	1.25
(17)	2.00	1.75	1.36	2.00	2.25
(18)	3.00	3.00	2.37	3.00	3.50
(19)	3.00	2.50	2.10	3.00	4.00
(20)	5.00	5.00	4.16	4.00	5.00
(21)	16.00	15.00	15.00	20.00	15.00
(22)	1.25	1.40	1.05	2.00	1.25
(23)	2.00	1.70	1.35	2.50	1.75
(24)	2.50	2.25	1.90	3.00	2.25
(25)	1.20	1.00	1.00	1.00	.75
(26)	3.00	1.50	1.57	1.50	1.00
(27)	4.00	2.50	2.00	3.00	2.00
(28)	14.00	15.00	15.00	20.00	15.00
(29)	.30	.30	.25	.30	.30
(30)	1.00	1.25	.80	1.00	1.00
(31)	2.00	1.75	1.36	2.00	2.00
(32)	2.00	2.25	1.36	2.00	2.00
(33)	500.00	650.00	600.00	1000.00	500.00
(34)	2.50	3.00	2.00	3.00	3.00
(35)	75.00	75.00	65.00	80.00	100.00
(36)	10.00	5.00	10.00	10.00	15.00
(37)	15.00	40.00	12.00	20.00	25.00
(38)	1.00	1.50	1.00	2.00	1.50

BIDS OPENED

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., at $19,836.30 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,905, for construction of the Clay Street Hill extension to the Auxiliary Water Supply System for Fire Protection, a PWA project.

The work involves:

Cast Iron Pipe and Special Castings In Place

(1) 1198 l.f. 12-in. Class F bell and spigot, plain;
(2) 180 l.f. 12-in. Class F bell and spigot, lugged;
(3) 360 l.f. 12-in. Class E bell and spigot, plain;
(4) 612 l.f. 12-in. Class E bell and spigot, lugged;
(5) 811 l.f. 10-in. Class G bell and spigot, plain;
(6) 132 l.f. 10-in. Class F bell and spigot, lugged;
(7) 335 l.f. 10-in. Class F bell and spigot, plain;
(8) 52 l.f. 8-inch Class F bell and spigot, lugged;
(9) 23 lin. ft. 8-inch Class G bell and spigot, lugged;

NOTE: Items 1 to 9 inclusive, cast iron pipe and part of the special castings, will be furnished by the City. Such special castings as the City does not have in stock shall be furnished by the contractor, as hereinafter called for.

(10) 7 each 10-in. gate valves, furnished, tested and delivered;
(11) 6 each, 8-in. gate valves, furnished, tested and delivered;

NOTE: Items 10 and 11: All materials furnished by the contractor.

(12) 3 each standard h.p. hydrants, repaired and reconditioned (not in place);
(13) 7 each 10-in. gate valves, in place
(14) 6 each, 8-in. gate valves, in place
(15) 6 each, standard high pressure hydrants, in place;

NOTE: Items 12 to 15 inclusive, standard high pressure hydrants, will be furnished by the City, three of which will be reconditioned by contractor under Bid Item (12). (Gate valves shall be furnished by the contractor under Bid Items 10 and 11).

(16) 14,300 lbs. pig lead furnished and delivered;
(17) 2,000 lbs. cast steel special castings, furnished and delivered;
(18) 23,000 lbs. cast iron special castings, furnished and delivered;
(19) 5,200 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed;
(20) 7,050 lbs. wrought iron bolts, nuts and washers, furnished & placed;
(21) 1,200 lbs. reinforcing steel, furnished and placed;
(22) 17 c.y. Class B concrete in place;
(23) 1950 c.y. backfill;
(24) 6100 s.f. asphalt-concrete pavement (2-in.—6-in.) Class F concrete;
(25) 500 s.f. asphaltic concrete wearing surface, 2-in. thick;
(26) 3350 s.f. concrete pavement, 6-in. thick, Class E concrete;
(27) 140 s.f. concrete sidewalks (one course);
(28) 5 c.y. broken rock, furnished and placed;
(29) 9 tons bell and spigot pipe, or double spigot pipe, without lugs. In classes E and F inclusive, and in nominal diameters of 8- to 12-in. inclusive;
(30) 2 tons bell and spigot pipe, or double spigot pipe, with bolting lugs. In Classes E and F inc., and in nominal diameters of 8- to 12-in. inclusive;

NOTE: Items 16 to 30 inclusive; all materials, including pipe, shall be furnished by the contractor.

(31) 4 lengths 10-in. Class F bell and spigot lugged pipe, cleaned and painted;
(32) 13 lengths 12-in. Class E bell and spigot plain pipe; cleaned and painted;
(33) 38 lengths 12-in. Class F bell and spigot plain pipe; cleaned and painted;
(34) 3 lengths 10-in. Class F bell and spigot lugged pipe; cut, grooved banded, cleaned and painted;
(35) 58 lengths 12-in. Class F bell and spigot plain pipe; cut, cleaned and painted.

NOTE: Items 31 to 35 inclusive: all pipe will be furnished by the City.

Total bids follow:

(A) Eaton & Smith.....$19,836.30
(B) M. J. Lynch..... 20,166.77
(C) Lowrie Paving Co..... 20,788.54
(D) Pacific States Const. Co. 23,334.65
(E) Chas. L. Harney..... 26,390.40

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	$ 2.10	$ 1.80	$ 1.82	$ 1.70	$ 3.00
(2)..	2.10	2.00	1.95	2.50	3.00
(3)..	2.10	1.80	1.85	1.70	3.00
(4)..	2.10	2.00	2.10	2.00	3.00
(5)..	1.35	1.65	1.83	1.70	3.00
(6)..	1.35	1.90	2.20	2.50	3.00
(7)..	1.35	1.60	1.75	1.70	3.00
(8)..	7.50	3.00	4.00	3.00	5.00
(9)..	7.50	3.00	4.00	3.00	5.00
(10)..	196.00	200.00	202.00	235.00	200.00
(11)..	107.00	110.00	110.00	130.00	125.00
(12)	60.00	60.00	60.00	80.00	75.00
(13)..	15.00	15.00	25.00	20.00	50.00
(14)..	12.00	15.00	15.00	18.00	35.00
(15)..	15.00	20.00	12.50	20.00	35.00
(16)..	.05	.05	.053	.055	.044
(17)..	.19	.19	.195	.22	.30
(18)..	.08	.075	.08	.08	.07
(19)..	.07	.07	.07	.095	.07
(20)..	.12	.1025	.104	.145	.10
(21)..	.05	.05	.04	.06	.05
(22)..	10.00	30.00	15.00	30.00	30.00
(23)..	1.00	1.50	1.60	2.40	2.00
(24)..	.22	.22	.25	.23	.20
(25)..	.07	.08	.07	.10	.20
(26)..	.25	.20	.20	.23	20
(27)..	.20	12	.15	.15	.20
(28)..	2.00	2.50	3.00	2.00	3.00
(29)..	50.00	52.00	50.00	55.00	53.00
(30)..	60.00	62.00	60.00	65.00	63.00
(31)..	6.00	5.00	4.80	3.50	5.00
(32)..	6.00	5.50	4.90	4.00	5.00
(33)..	6.00	5.00	4.90	4.00	5.00
(34)..	11.00	8.00	6.80	8.50	10.00
(35)..	11.00	8.50	7.20	9.50	10.00

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—Jones & King, Jackson Street, Hayward, at $16,295 awarded contract by State Division of Highways for about 1.9 miles surfacing with plant-mixed surfacing in Alameda County, between Irvington and Centerville.

LOS ANGELES COUNTY—0.6 Mi. Grade & Pave—(State)

LOS ANGELES, Calif.—C. F. Robbins, 915 Merritt Bldg., Los Angeles, at $50,716.00 submitted the low bid to State Division of Highways, Los Angeles, for grading and paving with Portland cement concrete about 0.6 mile at Walnut Canyon, Los Angeles County (as previously reported).

The work involves:

(1) 32 sta. clearing and grubbing right of way;
(2) 1,800 M. gals. water;
(3) 87,000 c.y. rdwy. excav., unclass
(4) 63,000 sta. yds. overhaul;
(5) 800 c.y. struc. excav.;
(6) 32 sta. finishing rdwy.;
(7) 510 tons sand (subgrade blending);
(8) 60 tons asphaltic emulsion (subgrade blending);
(9) 8,200 s.q. subgrade mixing;
(10) 7 tons liquid asphalt SC-2 (prime coat);
(11) 75 tons do (shoulders)
(12) 6,400 s.y. preparing, mixing and shaping shoulders and connection;
(13) 7 tons liquid asphalt 90-95 (seal coat);
(14) 80 tons screenings (seal coat);
(15) 1,435 c.y. Class A Portland cement concrete (pave.);
(16) 5,600 lbs. bar reinf. steel (pave. and struc.);
(17) 2,920 each pavement dowels;
(18) 10 c.y. Class A Portland cement concrete (struc.);
(19) 200 l.f. 24-in. standard reinforced concrete pipe;
(20) 190 l.f. 24-in. extra strength do;
(21) 320 l.f. 48-in. extra strength do;
(22) 270 l.f. 8-in. CMP;
(23) 4 each spillway assemblies;
(24) 25 c.y. concrete removed and disposed of;
(25) 39 each timber guide posts;
(26) 10 each timber culvert markers;
(27) 1.0 mile moving and resetting property fences;
(28) 2 each drive gates;
(29) 6 each monuments.

The total bids were:

(A) C. F. Robbins, $50,716.40.
(B) Oswald Bros., Los Angeles, $52,266.40.
(C) C. O. Sparks and Mundo Eng'g Co., Los Angeles, $52,603.
(D) Geo. R. Curtis Paving Co., Los Angeles, $53,506.80.
(E) Gibbons & Reed Co., Burbank, $54,177.60.
(F) A. S. Vinnell Co., Los Angeles, $56,136.10.
(G) J. E. Haddock, Ltd., Pasadena, $57,211.90.
(H) R. E. Campbell, Los Angeles, $69,427.90.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$15.00	$7.50	$6.00	$10.00	$5.00	$10.00	$20.00	$10.00
(2)	1.50	1.25	1.50	1.20	1.50	1.90	1.00	1.50
(3)	.27	.25	.26	.27	.27	.32	.28	.435
(4)	.005	.01	.008	.01	.005	.01	.01	.005
(5)	1.00	1.35	1.50	1.00	1.00	1.00	1.50	2.50
(6)	5.00	10.00	5.00	5.00	5.00	10.00	10.00	10.00
(7)	1.50	1.00	1.50	2.50	1.25	.90	2.35	1.20
(8)	27.00	30.00	30.00	28.60	29.00	25.00	35.00	29.00
(9)	.10	.065	.20	.15	.15	10	.12	.15
(10)	12.00	12.00	10.00	15.40	8.50	10.00	15.00	11.50
(11)	10.00	9.00	10.00	7.20	8.50	8.50	9.00	9.00
(12)	.09	.055	.06	.05	.10	.10	.10	.09
(13)	20.00	25.00	20.00	22.40	22.00	20.00	25.00	21.00
(14)	3.00	3.00	3.50	3.00	3.00	3.50	3.50	4.00
(15)	8.00	10.50	9.00	9.97	10.75	8.00	11.00	10.00
(16)	.06	.08	.05	.06	.06	.08	.08	.05
(17)	.12	.12	.15	.12	.13	.10	.12	.12
(18)	30.00	35.00	25.00	30.00	30.00	40.00	30.00	25.00
(19)	3.00	3.25	3.50	3.05	3.25	4.00	3.00	3.50
(20)	3.50	4.25	4.00	3.70	4.00	4.50	4.00	4.00
(21)	10.00	9.65	9.00	9.10	9.20	10.00	9.00	10.00
(22)	1.00	.50	1.00	.30	.30	.30	1.00	.50
(23)	15.00	15.00	20.00	18.00	15.00	15.00	15.00	15.00
(24)	3.00	2.50	4.00	1.25	1.25	8.00	4.00	4.00
(25)	2.00	2.00	3.00	2.40	2.00	1.40	2.00	2.00
(26)	2.00	2.25	3.00	2.40	2.00	2.00	2.50	2.00
(27)	300.00	250.00	500.00	480.00	400.00	400.00	400.00	200.00
(28)	15.00	20.00	30.00	18.00	15.00	30.00	15.00	20.00
(29)	2.00	3.00	3.00	3.00	3.00	1.50	3.00	4.00

CONTRACT AWARDED

TULARE COUNTY, Calif. — John —Jurkovitch, 3530 Balch Ave., Fresno, at $6,640 awarded contract by State Division of Highways for applying road-mix surface treatment to existing shoulders on about 11.1 miles in Tulare County, between Tulare and 7.6 miles south, between 0.6 mile south and 2.8 miles north of Goshen Subway, and between Goshen Subway and 0.7 mile west.

BIDS WANTED

SACRAMENTO, Cal.—Identical low bids at $10,000 were submitted by A. Teichert & Sons, Inc., 1846 37th Ave., Sacramento, and J. R. Reeves, R. D. No. 3, Box 100, Sacramento, to the Sacramento City Council for the planing of 1,000,000 sq.ft. of bituminous concrete pavement on various major streets.

The other bids were:

Asphalt Planing Co., Oakland, $11,-000.

E. F. Hilliard, Sacramento, $12,700.

BIDS OPENED

SAN FRANCISCO.—Eaton & Smith 715 Ocean Ave., at $1,039 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,948, for grading and draining the Turk Street slide opposite Baker St.

The work involves:

(1) 1000 cu. yds. slide excavation, including hauling from job;
(2) 150 cu. yds. excavation under sidewalk, including hauling from job and dry backfill;
(3) 5 cu. yds. trench excavation for drain, including earth and broken rock backfill;
(4) 50 lin. ft. 8-inch perforated corrugated metal pipe drain in place, including coupling bands and elbows;
(5) 1 cu. yd. Class B concrete outlet and concrete box in place, including reinforcing steel;
(6) 50 lin. ft. reset granite curb;
(7) 550 sq. ft. one-course concrete sidewalk;
(8) 2250 sq. ft. oiled surfacing, including trimming surface and furnishing and placing the fuel oil.

Total bids follow:

(A) Eaton & Smith.....$1,039.00
(B) Max Rosenberg 1,176.80
(C) Devincenzi Bros. & Co..... 1,272.75
(D) Chas. L. Harney..... 1,347.50
(E) M. J. Lynch..... 1,355.80
(F) R. A. Farish..... 1,414.00

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)..	$0.72	$0.60	$0.75	$0.715	$0.88	$0.75
(2)..	.50	1.48	1.75	1.50	1.00	2.00
(3)..	4.00	5.90	3.25	7.00	2.00	4.00
(4)..	1.00	1.00	1.45	2.00	1.50	2.00
(5)..	25.00	28.85	35.00	75.00	27.00	25.00
(6)..	.20	.42	.40	.40	.25	.25
(7)..	.13	.234	.13	.20	.12	.13
(8)..	.03	.043	.02	.03	.06	.06

COMPLETE BID LISTING

RIVERSIDE COUNTY, Calif.—Oswald Bros., 366 E 58th St., Los Angeles, at $65,160.40, as previously reported, submitted low bid to State Highway Engineer, State Building, Los Angeles, for about 2.4 miles grading and paving with plant-mixed surfacing in Riverside County between the San Bernardino county line and Beaumont.

The work involves:

(1) 1,134 M. gals. water;
(2) 56,700 c.y. rdwy. excav., unclass.
(3) 77,000 sta. yds. overhaul;
(4) 1,570 c.y. struc. excav.;
(5) 199 sta. finishing rdwy.;
(6) 7,900 tons mineral agg. (plant-mixed surfacing);
(7) 416 tons liquid asph. SC-4 (plant-mixed surfacing);
(8) 465 tons liquid asphalt SC-2 (road mixed surf. treatment);
(9) 56,300 s.y. preparing, mixing and shaping roadbed, detours, and shoulders (road-mix surf. treat.)
(10) 66 tons liquid asphalt 90-95 (seal coat);
(11) 784 tons screenings (seal coat);
(12) 195 c.y. Class A Portland cement concrete (struc.)
(13) 21,400 lbs. bar reinf. steel;
(14) 1 each spillway assemblies;
(15) 90 l.f. 8-in. CMP;
(16) 104 l.f. 18-in. CMP;
(17) 78 l.f. 24-in. CMP;
(18) 80 l.f. existing CMP culverts to be removed and salvaged;
(19) 488 l.f. existing CMP culverts to be removed and relaid;
(20) 10 each spillway assemblies to be moved and reinstalled;
(21) 22 each culvert markers;
(22) 139 each guide posts;
(23) 1.5 miles new property fence;
(24) 2 each drive gates;
(25) 19,200 s.y. asphaltic paint binder
(26) 160 tons coarse rock (subgrade);
(27) 1,112 c.y. existing concrete to be removed and disposed of;
(28) 24 each monuments complete in place.

Total bids follow:

(A) Oswald Bros., Los Angeles, $65,-160.40.
(B) George R. Curtis Paving Co., Los Angeles, $65,410.
(C) R. E. Hazard & Son, San Diego, 175,966.50.
(D) Matich Bros., Elsinore, $77,546.50.
(E) George J. Bock Co., Los Angeles, $80,603.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	$ 3.00	$ 1.30	$ 2.50	$ 2.00	$ 2.50
(2) .	.27	.30	.40	.47	.40
(3)	.01	.01	.01	.005	.005
(4)..	1.00	1.00	1.00	1.00	1.25
(5)..	3.00	4.80	5.00	8.00	8.00
(6)..	2.20	2.31	3.05	2.60	3.20
(7)	13.40	12.90	12.00	12.00	12.00
(8)..	9.60	8.40	9.00	8.50	9.00
(9)..	.0425	.05	.04	.045	.045
(10)	20.00	24.00	13.00	20.00	24.00
(11)..	2.10	2.75	2.00	2.50	2.50
(12)..	22.00	19.00	20.00	25.00	24.00
(13)..	.053	.048	.05	.05	.05
(14)..	15.00	18.00	20.00	5.00	15.00
(15)..	.50	.30	2.00	.30	.20
(16)..	.65	.45	1.00	.50	.40
(17)..	.75	.60	1.25	.75	.50
(18)..	.50	.80	1.25	.60	1.00
(19)..	.70	.80	1.50	.90	1.00
(20)..	6.00	18.00	25.00	10.00	10.00
(21)..	210	2.40	3.00	2.00	2.50
(22)..	1.85	2.40	3.00	2.00	2.50
(23)..	500.00	600.00	300.00	550.00	525.00
(24) .	19.00	1800	25.00	15.00	20.00
(25)..	.02	.02	.03	.02	.025
(26)..	2.50	3.10	2.00	3.00	3.25
(27)..	1.80	2.00	1.00	1.40	1.49
(28)..	3.00	3.00	3.00	3.00	3.00

SAN BERNARDINO CO. — Concrete Bridges & Approaches

SAN BERNARDINO, Calif.—Daley Corp., 4430 Boundary Street, San Diego, at $128,363 submitted low bid to State Division of Highways, Los Angeles, for constructing three reinforced concrete bridges across Warm Creek, Santa Ana River and an overflow channel, and grading and paving approaches with Portland cement concrete, near Colton, San Bernardino County (as previously reported).

The work includes:

The work involves:

(1) 557 M. gals. water
(2) 26,000 c.y. rdwy. embankment;
(3) 8,000 c.y. struc. excav.;
(4) 3,700 s.y. subgrade for pave.;
(5) 93 c.y. concrete to be removed and disposed of;
(6) 11 sta. finishing rdwy.;
(7) 23 tons liquid asphalt SC-2 (road mix surf. treatment)
(8) 2,200 s.y. preparing, mixing and shaping shoulders (road - mixed surface treatment);
(9) 3 tons liquid asphalt 90-95 (seal coat);
(10) 30 tons screenings (seal coat);
(11) 714 c.y. Class A Portland cement concrete (pave.);
(12) 3,100 c.y. Class A do (struc.);
(13) 82 c.y. Class A Portland cement concrete (railing);
(14) 580,000 lbs. bar reinf. steel;
(15) 1,570 each pavement dowels;
(16) 0.4 MFBM redwood timber, dense select, all-heart structural grade (railing);
(17) 11,240 l.f. furnish treated Douglas fir piles, includ. test piles;
(18) 557 each driving do;
(19) 800 c.y. Class A Portland cement concrete (slope pave.);
(20) 88 l.f. 12-in. CMP;
(21) 92 l.f. 54-in. CMP;
(22) 6 each spillway assemblies;
(23) 8 each culvert markers;
(24) 42 each guide posts;
(25) 0.6 mile new property fence;
(26) 9 each monuments;
(27) 1 lot misc. items of work.

The total bods were:

(A) Daley Corp., San Diego, $128,363.
(B) Byerts & Dunn, Los Angeles, $138,542.95.
(C) Bent Bros., Inc., Los Angeles, $145,989.
(D) Griffith Co., Los Angeles, $147,-320.40.
(E) V. R. Dennis Const. Co., San Diego, $148,072.80
(F) J. E. Haddock, Ltd., Pasadena, $149,723.
(G) John Strona, Pomona, $153,554.80.
(H) R. R. Bishop, Long Beach, $154,-440.40.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 2.00	$1.25	$2.00	$ 1.00	$1.50	$1.00	$2.00	$2.00
(2)	.40	.33	.32	.35	.26	.30	.40	.40
(3)	.70	1.00	1.50	1.25	1.00	1.50	2.20	3.00
(4)	.10	.13	.15	.12	.11	.11	.10	.15
(5)	4.00	8.50	3.00	2.00	5.00	4.00	2.00	1.00
(6)	10.00	5.00	10.00	5.00	10.00	10.00	10.00	15.00
(7)	10.00	8.50	12.00	12.00	12.00	10.00	15.00	10.00
(8)	.20	.10	.11	.12	.08	.10	.08	.15
(9)	20.00	33.40	30.00	30.00	18.00	25.00	26.00	25.00
(10)	2.50	2.25	5.00	3.00	4.00	3.00	3.00	3.00
(11)	9.00	9.00	8.00	10.00	11.00	10.00	10.00	9.00
(12)	16.80	16.20	21.00	20.00	22.00	20.40	20.50	17.00
(13)	40.00	50.00	70.00	40.00	40.00	50.00	50.00	40.00
(14)	.037	.0358	.038	.042	.045	.04	.039	.038
(15)	.15	.11	.10	.12	.25	.10	.10	.12
(16)	125.00	160.00	100.00	100.00	200.00	200.00	100.00	100.00
(17)	.74	.53	.55	.60	.67	.60	.57	.55
(18)	11.00	9.30	11.00	11.00	11.00	10.00	11.00	15.00
(19)	12.30	14.25	12.00	14.00	11.00	19.00	13.00	17.00
(20)	1.50	2.00	2.00	1.50	1.50	1.25	1.50	1.50
(21)	7.00	7.50	8.00	10.00	11.00	8.00	5.00	6.00
(22)	15.00	20.00	20.00	20.00	18.00	15.00	15.00	15.00
(23)	2.25	2.00	1.50	2.00	1.50	3.00	2.00	3.00
(24)	2.25	1.50	2.00	2.00	1.50	2.00	2.00	1.50
(25)	500.00	150.00	500.00	500.00	600.00	600.00	530.00	300.00
(26)	3.00	5.00	3.00	3.00	2.00	3.00	5.00	4.00
(27)	500.00	134.32	700.00	3000.00	800.00	1000.00	1400.00	3500.00

BIDS WANTED

YOLO, YUBA, Colusa, Placer, Sutter and Sacramento Cos., Cal.—Until July 1, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying seal coat to existing road bed on about 37 miles at various locations in Yolo, Yuba, Colusa, Placer, Sutter and Sacramento Counties, all in District III.

The work involves:
(1) 25 tons asphaltic emulsion, Unit 1
(2) 225 tons sand, Unit 1;
(3) 50 tons liquid asphalt MC-4, Unit 2;
(4) 430 tons sand, Unit 2;
(5) 25 tons liquid asphalt, MC-4 Unit 3;
(7) 225 tons and, Unit 3;
(8) 55 tons asphaltic emulsion, Unit 4;
(9) 500 tons sand, Unit 3;
(10) 47 tons liquid asphalt MC-4, Unit 5;
(11) 420 tons sand, Unit 5;
(12) 40 tons asphaltic emulsion, Unit 6;
(13) 350 tons sand, Unit 6;
(14) 100 tons asphaltic emulsion, Unit 7;
(15) 900 tons sand, Unit 7;
(16) 21 tons liquid asphalt MC-4, Unit 8;
(17) 200 tons sand, Unit 8.

Specifications obtainable from State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the offices of the District Engineers in Marysville, San Francisco and Los Angeles.

BIDS WANTED

SAN MATEO, San Mateo County, Calif.—Until June 15, 8 p.m., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, for the improvement of North Fremont St., North Grant St., and North Humboldt St., from the north line of Mt. Diablo Ave. to the southerly line of Indian Ave., and of East Santa Inez Ave. from North Fremont St. to North Humboldt St.

The work involves:
(1) 1,500 c.y. grading;
(2) 7,500 l.f. curb and gutter;
(3) 3,320 sq.ft. sidewalks;
(4) 120,000 sq.ft. pavement;
(5) 100 l.ft. 12-in. concrete pipe;
(6) 4 catchbasins;
(7) 30 l.f. 6-in. sewer;
(8) 2,700 l.f. 4-in. lateral sewer.

Plans and specifications obtainable from the office of City Engineer E. P. Wilsey. *

BIDS WANTED

SIERRA COUNTY, Cal.—Until June 22, 2 P. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for furnishing and applying asphaltic road material on Route 27, a portion of Section A, Sierraville-Hobart Forest Highway, Tahoe National Forest, Sierra County.

The work involves:
(1) 12 tons furnishing and applying asph. road material, Type SC-2.

Specifications obtainable on application to the above. *

BIDS REJECTED

SACRAMENTO COUNTY, Cal.—All bids received by the Sacramento County Board of Supervisors, for spreading 2100 tons of road rock on the Christensen Road between the Galt-New Hope Highway and the Wilder-Ferguson Road, a length of three miles, were rejected. *

CONTRACT AWARDED

PRESIDIO OF SAN FRANCISCO.—A. G. Raisch, 1 DeHaro St., at $1,597 awarded contract by the Constructing Quartermaster, Fort Mason, for constructing a parking area with curbs at Letterman General Hospital, Presidio of San Francisco.

SACRAMENTO COUNTY—Jibboom St. Overcrossing—State

SACRAMENTO COUNTY, Cal. — Lord & Bishop., Sacramento, at $136,-962.50 submitted low bid to the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Southern Pacific Railroad at Jibboom Street in Sacramento.

The work involves:
(1) 20 M. gallons water;
(2) 1,250 c.y. structure excavation;
(3) 1,500 c.y. imported borrow;
(4) 700 s.y. subgrade for pavement;
(5) 90 c.y. Class A Portland cement concrete (pavement);
(6) 350 each, pavement dowels;
(7) 200,000 lbs. bar reinf. steel;
(8) 1,535 c.y. Class A Portland cement concrete (structures);
(9) 870,000 lbs. carbon struc. steel;
(10) 64,000 lbs. silicon struc. steel;
(11) 15,900 lbs. cast steel;
(12) 2,190 l.f. pipe hand railing;
(13) 15,130 lin. ft. furnishing treated Douglas fir piles, including test piles;
(14) 301 each, driving treated Douglas fir piles, inc. test piles;
(15) 70 c.y. Class A Portland cement concrete (curbs, gutters, and sidewalks);
(16) 1 lot lighting equipment;
(17) 1 lot misc. items of work.

Total bids follow:
(A) Lord & Bishop, Sacramento, $136-962.50.
(B) F. C. Amoroso & Sons, San Francisco, $136,987.35.
(C) M. B. McGowan, Inc., San Francisco, $142,956.00.
(D) A. Teichert & Son, Inc., Sacramento, $144,940.50.
(E) George Pollock Co., Sacramento, $149,888.50.
(F) Lindgren & Swinerton, Sacramento, $150,198.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 1.50	$ 4.00	$ 5.00	$ 3.00	$ 2.00	$ 3.00
(2)	1.50	2.00	2.50	1.75	2.00	3.00
(3)	1.25	1.25	1.25	.70	.75	2.00
(4)	.25	.20	.25	.15	.25	.15
(5)	12.00	10.00	11.50	15.00	12.00	12.00
(6)	.30	.40	.30	.25	.28	.30
(7)	.05	.047	.053	.05	.048	.05
(8)	17.50	16.30	16.00	18.00	25.00	22.00
(9)	.065	.065	.072	.068	.066	.065
(10)	.075	.076	.084	.08	076	.08
(11)	.12	.13	.14	.15	.13	.15
(12)	5.75	5.80	5.00	6.00	5.50	5.00
(13)	.67	.645	.60	.75	.65	.80
(14)	12.50	15.00	20.00	18.00	15.00	20.00
(15)	18.00	25.00	12.00	20.00	35.00	17.00
(16)	3200.00	2800.00	1500.00	3000.00	2600.00	2500.00
(17)	750.00	1925.00	2751.00	1500.00	1100.00	706.50

ALAMEDA COUNTY—BELL RANCH BRIDGE—(COUNTY)

ALAMEDA COUNTY, Cal.—W. J. Tobin, 3701 Balfour Ave., Oakland, at $39,829 submitted low bid and awarded contract by Alameda County Board of Supervisors, Court House, Oakland, for the construction of the Bell Ranch Bridge over Alameda Creek on Decoto Road in Washington township. The bridge will be of the steel truss type with a 24-ft. roadway and two 4-ft sidewalks.

The work involves:
(1) 950 c.y. excavation for structures.
(2) 100 l.f. creosoted timber piles.
(3) 680 c.y. Portland cement concrete in abutments and walls.
(4) 142 c.y. Portland cement concrete in deck and sidewalks.
(5) 55,000 lbs. reinforcing steel.
(6) 280,000 lbs. structural steel.
(7) 1,000 lbs. additional structural steel.
(8) 100 l.f. electric fillet weld, shop.
(9) 100 l.f. electric fillet weld, steel.
10) Lump sum, removal of existing bridge, cleaning site, etc.

The work involves:
Total bids follow:
(A) W. J. Tobin, Oakland, $39,829.00.
(B) J. E. Branagh, Piedmont, $40,-096.00.
(C) Carl N. Swenson, San Jose, $40,-122.80.
(D) E. T. Lesure, Oakland, $40,162.
(E) W. K. Van Bokkelen, Oakland, $42,482.50.
(F) A. Soda & Son, Oakland, $42,870.
(G) C. C. W. and H. H. Haun, San Francisco, $42,975.00.
(H) B. A. Howkins, San Francisco, $43,240.00.
(I) Underground Const Co., Berkeley, $44,343.26.
(J) M. B. McGowan, Inc., San Francisco, $44,453.00.
(K) A. W. Kitchen, San Francisco, $47,405.00.
(L) MacDonald & Kahn Co., Ltd., San Francisco, $48,208.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	$ 1.15	$ 2.00	$ 2.00	$ 1.50	$ 3.25	$ 3.35	$ 2.60	$ 2.50	$ 3.40	$ 3.00	$ 4.35	$ 4.00
(2)	2.50	3.25	2.00	1.50	3.25	2.00	2.10	1.60	1.35	1.20	1.75	2.00
(3)	13.00	13.25	14.75	48.50	14.00	10.40	16.00	12.50	10.84	10.00	12.80	18.00
(4)	18.00	18.00	16.90	21.00	22.50	16.50	20.00	20.00	20.93	20.00	22.00	19.00
(5)	.045	.04	.05	.055	.055	.0475	.045	.049	.05	.055	.0475	.05
(6)	.071	.07	.078	.0725	.07	.08	.075	.081	.08	.093	.0836	.075
(7)	.08	.08	.078	.07	.08	.09	.07	.10	.10	.10	.078	.07
(8)	1.50	1.00	2.00	2.00	2.60	2.40	1.80	2.00	1.75	2.50	2.34	2.00
(9)	2.00	1.25	2.25	2.50	2.00	1.80	1.90	2.50	1.75	1.50	1.68	1.50
(10)	4305.00	4200.00	500.00	1900.00	3250.00	4550.00	3500.00	2000.00	5035.00	2278.00	4789.00	5700.00

Burnett Hamilton, County Engineer.

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until July 1, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 5.9 miles to be graded and road-mix surface treatment applied, between Farallone City and Rockaway Beach, San Mateo County.

The work involves:

(1) 312 sta. clearing and grubbing right of way;
(2) 3,100 M. gals. water;
(3) 865,000 c.y. rdwy. excav., unclass.
(4) 5,900 c.y. ditch & channel excav.
(5) 8,800,000 sta. yds. overhaul;
(6) 7,500 c.y. struc. excav.;
(7) 30 c.y. existing concrete removed and disposed of;
(8) 312 sta. finishing rdwy.;
(9) 694 tons liquid asphalt SC-2;
(10) 6 miles preparing, mixing and shaping roadbed;
(11) 8,100 lbs. bar reinf. steel;
(12) 110 c.y. Class A Portland cement concrete (struc.);
(13) 7.5 MFBM Douglas fir timber;
(14) 2.5 MFBM Redwood timber, dense select all-heart struc. grade;
(15) 21 MFBM Redwood timber, select all-heart struc. grade;
(16) 620 l.f. furnishing treated Douglas fir piles;
(17) 26 each driving piles;
(18) 550 c.y. rubble masonry;
(19) 435 l.f. masonry parapet;
(20) 56 l.f. 18-in. extra strength reinf. concrete pipe;
(21) 60 l.f. 24-in. do;
(22) 382 l.f. 30-in. do;
(23) 1,500 l.f. 8-in. CMP;
(24) 3,050 l.f. 18-in. CMP;
(25) 1,150 l.f. 24-in. CMP double rivetted;
(26) 256 l.f. 30-in. do;
(27) 152 l.f. 48-in. CMP 10-ga. do;
(28) 50 each spillway assemblies;
(29) 2,700 l.f. 8-in. perf. metal pipe underdrains;
(30) 460 c.y. rock filling material underdrains;
(31) 8,000 l.f. laminated guard railing;
(32) 110 each culvert markers;
(33) 280 each guide posts;
(34) 3 miles new property fence;
(35) 8 each drive gates;
(36) 2 ea. manholes adjusted to grade
(37) 150 each monuments complete in place.

Plans and specifications obtainable from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineers in San Francisco and Los Angeles.

TO ASK BIDS

WASHOE COUNTY, Nev.—District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco, has approved Nevada State Highway project for asphalt road-mix surfacing on a portion of the state highway system in Washoe Co. from Sparks to Junction of Route 33; Junction Rte. 3 to United Airport; Peckham Lane; and Plumas Street from south Reno city limits to Junction with Route 3, a lengh of 7.98 miles. Bids will be asked shortly by State Highway Engineer R. A. Allen.

The work involves:

(1) 473 tons asphaltic road material, Type SC-2;
(2) 54 tons do, Type MC-2;
(3) 5.23 miles roadmix;
(4) 2.75 miles scarify and remix roadmix surface;
(5) 7.98 miles finish roadway.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—Irving L. Ryder, P. O. Box 265, San Jose, at $3382 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, San Jose, for the improvement of Fillmore, Judah, Market, and Basset Streets in the town of Agnew.

A. J. Raisch, San Jose, at $3384 submitted the only other bid.

BIDS OPENED

SANTA CRUZ COUNTY, Calif.—L. C. Karstedt, Hotel Resetar, Watsonville, at $8649.14 submitted low bid and awarded contract by Santa Cruz County Board of Supervisors for relocating about 3000 feet of roadway, including grading to 30 ft. width with 24 ft. pavement and constructing a 72-ft. culvert and fill across Thompson Gulch, between Live Oak and Capitola.

The work involves:

(1) 13,400 cu. yds. roadway excav.;
(2) 72 cu. yds. structure excavation;
(3) 42 cu. yds. Class A concrete;
(4) 1850 lbs. reinforcing steel;
(5) Two corrugated metal pipe spillway assemblies, 8-in.;
(6) 66 lin. ft. corrugated metal culvert, 8-in.;
(7) 144 lin. ft. corrugated metal culvert, 72-in., 10 gauge;
(8) 150 lin. ft. corrugated metal culvert, 12-in.;
(9) 1400 cu. yds. crusher run base (rock furnished free at County quarry);
(10) 4935 gals. 50-60 road oil.

Complete bids follow:

(A) L. C. Karstedt, Watsonville, $8,649.14.
(B) X. Cardithers, San Mateo, $9,189.04.
(C) Granite Constr. Co., Watsonville, $10,698.10.
(D) Leo. F. Piazza, San Jose, $10,794.95.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	$ .215	$ .28	$ .29	$ .29
(2).....	1.00	1.04	2.00	1.00
(3).....	20.00	20.85	20.00	23.00
(4).....	.06	.0751	.06	.05
(5).....	20.00	11.21	15.00	15.75
(6).....	1.00	1.06	1.50	1.75
(7).....	14.96	15.35	20.00	21.50
(8).....	1.25	1.72	1.80	2.00
(9).....	1.50	1.10	1.53	1.35
(10).....	.04	.05	.06	.07

BURLINGAME, Calof. — Cost of widening and resurfacing Oak Grove Avenue, from El Camino Real to California Drive, estimated by Acting City Engineer Cecil Longson at $13,363. Project will be submitted to State Division of Highways for approval for financing with city's apportionment of gas tax funds. *

BIDS WANTED

SACRAMENTO, Cal.—Until June 18 8:15 P. M., as previously reported, bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of 57th Street between H and J Streets.

The work involves:

(1) 1092 c.y. excavation (grading);
(2) 15 c.y. fill;
(3) 84 l.f. remove concrete curb and gutters;
(4) 300 s.f. remove 3½-in. concrete sidewalk;
(5) 15 l.f. construct conc. curb alone;
(6) 2063 l.f. construct concrete curb and gutter, No. 6;
(7) 3 manholes reconstruct to grade;
(8) 3 gutter drains, No. 10, in place;
(9) 3 gutter drains to be reset;
(10) 824 l.f. 4-in. VI sewer to be constructed;
(11) 70 l.f. 6-in. do;
(12) 300 s.f. 3½-in. conc. sidewalk;
(13) 1200 s.f. 5½-in. asphalt concrete pave. to be removed;
(14) 2150 l.f. 4-in. drain tile in rock-filled trench, complete;
(15) 270 c.y. cem. gravel base course, 3-in. thick, compressed;
(16) 526 tons asphalt concrete pave. 3-in. (leveling course);
(17) 350 tons do 2-in. (top course, seal coat and screenings).

Plans and specifications obtainable from the office of the City Clerk, Rm. 203, City Hall.

CONTRACT AWARDED

MARIN COUNTY, Cal.—F. E. Crews Fairfax, at $11.24 per ton, total $2,529 submitted low bid and awarded contract by the Marin County Board of Supervisors, Court House, San Rafael, for the improvement of county highways in Road Districts Nos. 4 and 5 as follows:

(A) Chileno Valley Road from the Tomales-Petaluma Road southerly for a distance of 7.1 miles.

(B) Marshall - Petaluma Road from Chileno Valley Road to the Wilson Hill-Hicks Valley Road, a distance of approximately 2.6 miles, to be treated with SC-2 liquid asphalt.

The work involves approximately 225 tons of liquid asphalt, Type SC-2.

Complete bids follow:

F. E. Crews, Fairfax: $11.24 per ton; total, $2,529.

E. A. Forde, San Anselmo: $11.71 per ton; total, $2,634.75.

Lee J. Immel, Berkeley: $11.86 per ton; total, $2,668.50.

Helwig Const. Co., Sebastopol, $12,10 per ton; total, $2,722.50.

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BIDS REJECTED

WOODLAND, Yolo Co., Cal.—Woodland City Council has rejected all bids received June 8 for about 0.23 mile grading and paving on Main St. between Elm St. and Second St. Plans will be revised and the work readvertised. Work will be financed by the city's share of State gasoline tax funds.

Bids were taken as follows:

(1) 40,702 sq. ft. grading;
(2) 40,702 sq. ft. gravel sub-base, 4-in. thick;
(3) 40,702 sq. ft. stabilized crusher run base, 4-in. thick;
(4) 40,702 sq. ft. emulsified asphalt pre mix surface, 2-in. thick.

Total bids follow:

(A) A. Teichert & Son, Inc., Sacramento, $13,146.75.
(B) Pacific States Const. Co., S. F., $13,533.40.
(C) Heafey-Moore Co., Oakland, $14,245.70.

Unit bids follow:

	(A)	(B)	(C)
(1).....	$0.115	$0.12	$0.10
(2).....	0.065	0.0525	0.07
(3).....	.075	0.085	0.08
(4).....	0.068	0.075	0.10

BIDS OPENED

PLUMAS COUNTY, Calif.—Helwig Const. Co., 115 South Main, Sebastopol, at $5,966.87 submitted low bid to the Bureau of Public Roads, Federal Office Bldg., San Francisco, for bituminous treatment (light surface application) on 6.285 miles of Sections A and B of Route 20, Tthe Almanor Naional Forest Highway, Plumas National Forest, Plumas County.

The work involves:

(1) 159 tons liquid asphalt road material, Type MC-2;
(2) 84 tons do, Type MC-2 or MC-3;
(3) Extra work, maintenance of traffic control under one-way control.

Complete bids follow:

Helwig Const. Co., Sebastopol: (1) $24.25; (2) $22.75; (3) $300; total, $5,966.87.

C. F. Fredericksen & Sons, Lower Lake: (1) $23.90; (2) $22.80; (3) $300; total, $6,015.30.

Hayward Bldg. Materials Co., Hayward: (1) $27; (2) $25.50; (3) $300; total, $6,735.00.

Engineers' estimate: (1) $25; (2) $24; (3) $300; total, $6,281. *

BIDS WANTED

SACRAMENTO COUNTY, Calif. — Until June 22, 1936, 10 a.m., bids will be received by the Sacramento County Board of Supervisors, T. F. Paterson, County Clerk, Room 201, Court House, Sacramento, for construction of an asphaltic concrete surface on Marconi Ave.

Specifications obtainable from the office of County Engineer John Rooney upon deposit of $10. * 10

BIDS WANTED

SACRAMENTO, Cal.—Until June 18 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of 57th St. between H and J Streets.

Plans and specifications obtainable from the office of the City Clerk, Rm. 203, City Hall. *

AWARD RECOMMENDED

MARIPOSA COUNTY, Cal.—Award of a contract to Wm. Von der Hellen, Medford, Oregon, at $369,376.20 for approximately 5.835 miles grading on Sections A3 and A4 of Route 3, the Big Oak Flat Road, Yosemite National Park, Mariposa County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until June 22, 10 A. M., as previously reported, bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for construction of an asphaltic concrete surface on Marconi Ave.

The work involves:

(1) 3,052 tons asphaltic concrete;
(2) 18,700 l.f. header boards.

Plans and specifications obtainable from the office of County Engineer J. Rooney upon deposit of $10.00.

CONTRACT AWARDED

BENICIA, Cal.—Westco Pump Sales Co., 560 7th St., San Francisco, at $930 awarded contract by the Constructing Quartermaster, Benicia Arsenal, for furnishing one centrifugal pump, 1,000 g.p.m., for pumping water from the bay.

Byron-Jackson Co., Berkeley, at $1,044.90 submitted the only other bid.

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until June 23, 2 P. M., bids will be received by the Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Ave., Eureka, for grading and removing timber bridges on about 0.5 mile in Mendocino County at locations between Gualala and Navarro River.

Plans and specifications obtainable from the above office.

BIDS WANTED

MONO COUNTY, Calif.—Until July 1, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, state highway engineer, Public Works Bldg., Sacramento, for about 1.8 miles to be graded and surfaced with road-mix surface treatment at grade crossings near Chalfant, Hammil and 2½ miles south of Benton, Mono County.

The work involves:

(1) 10,700 c.y. rdwy. excav., unclass.;
(2) 5,000 sta. yds. overhaul;
(3) 180 c.y. struc. excav.;
(4) 125 c.y. ditch excav.;
(5) 3,850 c.y. imported borrow;
(6) 130 tons liquid asphalt SC-2;
(7) 1.76 miles preparing, mixing and shaping roadbed.
(8) 274 l.f. 18-in. CMP;
(9) 46 l.f. 24-in. CMP;
(10) 54 l.f. CMP clean and salvage;
(11) 73 l.f. CMP clean and relay;
(12) 16 each culvert markers;
(13) 22 each monuments;
(14) 100 c.y. road mix material, stockpile.

The state will furnish CMP as more explicitly set forth in the special provisions.

Plans and specifications obtainable from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineers in Bishop, San Francisco and Los Angeles * 9

BIDS WANTED

KERN COUNTY, Calif.—Until July 1, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, state highway engineer, Public Works Bldg., Sacramento, for about 0.4 mile to be graded and surfaced with road - mix surfacing on crusher run base and timber bridges to be constructed, between three and four miles northeast of Taft, Kern Co.

The work involves:

(1) 400 M. gals. water;
(2) 7,100 c.y. rdwy. excav., unclass.;
(3) 4,000 sta. yds. overhaul;
(4) 450 c.y. struc. excav.;
(5) 230 c.y. existing concrete removed and disposed of;
(6) 19 sta. finishing rdwy.;
(7) 850 tons crusher run base;
(8) 600 tons mineral aggregate, road mix surf.;
(9) 35 tons liquid asphalt ROMC-3, road-mix surf.;
(10) 8 tons liquid asphalt SC-2 (prime coat);
(11) 75 tons liquid asphalt SC-2 road-mix surf. treat.;
(12) 5,600 sq. yds. preparing, mixing and shaping detour;
(13) 270 c.y. salvaged detour surf.;
(14) 122 c.y. Class A Portland cement concrete;
(15) 19,000 lbs. bar reinf. steel;
(16) 6,530 l.f. furnishing treated Douglas fir piles, including test piles;
(17) 186 each driving do;
(18) 43 MFBM dense, select, all-heart struc. redwood;
(19) 90 c.y. riprap;
(20) 38 l.f. 8-in. CMP;
(21) 76 l.f. 24-in. CMP;
(22) 8 each spillway assemblies;
(23) 222 l.f. existing culverts removed and salvaged;
(24) 30 each guide posts;
(25) 30 each guide posts, move and reset.

The state will furnish CMP as more explicitly set forth in the special provisions.

Plans and specifications obtainable from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineers in Fresno, San Francisco and Los Angeles. * 9

31—PIPE LINES & WELLS

CONTRACT AWARDED

LOS ANGELES, Cal. — Lovrich & Konjevod, 606 N. Kings Road, Los Angeles, at $69,619.30 awarded contract by the Los Angeles Water & Power Bureau for the construction of sanitary protection work at Hollywood Reservoir, under Spec. No. X-20. Complete bids published May 25.

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until June 24, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 107, for the reconstruction of portions of the Pilarcitos and Stone Dam aqueduct, a PWA project.

Work consists of the construction of two pipe lines to replace portions of existing aqueduct known as the Pilarcitos Aqueduct and Stone Dam Aqueduct, both in San Mateo County.

The portions of the Pilarcitos aqueduct to be constructed consists of approximately 600 ft. of 36-in. diam. welded steel pipe of ¼-in. plate and 7510 ft. of 28-in. diam. welded steel pipe of 3/16-in. plate. The point of beginning of this pipe line os approximately 3 miles westerly of Millbrae where connection is to be made to the existing 44-in. diam. pipe, form which point the pipe runs in a general northeasterly direction terminating at the San Andres Reservoir.

The portion of the Stone Dam aqueduct to be constructed consists of approximately 2110 ft. of 44-in. diam. welded steel pipe of ¼-in. plate, its point of beginning also being approximately 3 miles westerly of Millbrae, and southerly from the point of beginning of the Pilarcitos pipe; and runs in a general easterly direction to the Crystal Springs canal.

Work includes construction of timber supports for short sections of the pipes which are above ground, a wood cover around certain portions of this pipe on timber supports, and certain other work.

The work involves:

(1) 2110 lin. ft. furnish and lay 44-in. x ¼-in. welded steel pipe;
(2) 600 lin. ft. furnish and lay 36-in. x¼-in. welded steel pipe;
(3) 7510 lin. ft. furnish and lay 28-in. x 3/16-in. welded steel pipe;
(4) 7900 lbs. furnihh and install steel pipe specials not included in other items;
(5) 44 each furnish and install beveled courses for curved sections in 44-in.x¼-in. welded steel pipe
(6) 22 each, furnishing and installing beveled courses for curved sections in 36-in. x ¼-in. do;
(7) 140 each, furnish and install beveled courses for curved sections in 28-in. x 3/16-in. welded steel pipe;
(8) 184,000 sq. ft. applying bituminous enamel protective coating & lining to steel pipe;
(9) 90,000 sq. ft. felt wrapping on steel pipe;
(10) One only, furnishing and installing 36-in. flexible coupling;
(11) 4200 lbs. furnishing and installing miscellaneous steel work attached to pipe;
(12) 5700 lbs. furnish and install miscellaneous steel work NOT attached to pipe;
(13) 8 each, furnish and install 4-in. gate valves;
(13a) 3 each, furnish and install 6-in. gate valves;
(14) 2 each, furnish and install 4-in. vacuum valves;
(15) 2 each, furnish and install air release valves;
(16) 2750 lbs. furnish and install cast iron pipe and fittings;
(17) 750 lin. ft. remove existing timber flume;
(18) 9500 cu. yds. earth excavation for pipe trenches;
(19) 120 cu. yds. additional rock excavation for trenches;
(20) 50 cu. yds. excavation for structures, unclassified;
(21) 4100 cu. yds. backfill and embankment of unscreened trench excavated material;
(22) 570 cu. yds. backfill and embankment of unscreened material from borrow pits;
(23) 1000 cu. yds. backfill and embankment of screened material;
(24) 10 MFBM furnish and install redwood timber.
(25) 100 lin. ft. relay existing consumers' pipes at service connections;
(26) 3 each, furnish and install steel stand pipes for consumers' service connections.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason St., upon deposit of $10.

N. A. Eckart, Chief Engineer.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

STOCKTON, San Joaquin County, Calif.—Until June 24, 5 p.m. (to be

opened at 8 p.m.), bids will be received by the Stockton City Council. B. L. Trahern, City Clerk, for extensions to the north and south sewage disposal plants. Estimated cost approximately $125,000.

Lump sum bids will be taken for work at the north and at the south plant with an optional bid for the detritor unl.

Work a the north plant includes construction of a detritor unit, a bucket elevator for screenings, a clarifier, sludge receiving sump, screening pulverizer, sludge pumps and sludge pressure lines foconveying sludge to the south disposal plant, together with the necessary channels, pipe lines, gates, valves, walkways, hoisting equipment, and building structures for housing the units.

An addition will be constructed at the south plant and the Imhoff tanks converted into preliminary digestor tanks and sludge lagoon levees constructed.

Plans and specifications obtainable from the office of City Engineer Lyle Payton upon deposit of $25.

C. C. Kennedy, Call Bldg., San Francisco, consulting engineer. * 82

33— WATER WORKS

BIDS OPENED

AIEA, T.H.—Geo. Hess, P. O. Box 260, Honolulu, at $133,600 submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington D. C., under Spec. No. 8139, for construction of a water supply, tunnel, and supply pipe line at the Aiea Naval Reservation, Oahu, T. H.

Work includes excavation, concrete work, pumping equipment, piping, electrical work, sheet metal work, fencing and macadam paving.

Complete bids follow:

George Hess, Honolulu: (1) $133,600; (2) $133,100; (3) $132,000.

Ralph E. Woolley, Honolulu: (1) $142,700; (2) $142,400; (3) $141,100.

E. J. Lord, Honolulu: (1) $146,100; (2) $145,750; (3) $145,350.

E. E. Black, Ltd., Honolulu: (1) $168,620; (2) $167,220; (3) $167,120.

Case Const. Co., Inc., Alhambra: (1) $170,585; (2) $170,000; (3) $170,000.

Bids held under advisement.

CONTRACT AWARDED

OAKLAND, Cal.—Rensselaer Valve Co., 35 New Montgomery St., San Francisco, at $5983 awarded contract by the East Bay Municipal Utility District, Oakland, under Spec. No. L.S. 173, for furnishing 450 gate valves.

CONTRACT AWARDED

YAKIMA PROJECT, Washington—J. A. Terteling & Sons, 2232 Fairview Ave., Boise, at $275,213.50, awarded contract by the Bureau of Reclamation, Yakima, under Spec. No. 675, for the construction of earthwork, canal lining, and structures, Station 313 plus 00 to Station 576 plus 81.5, Yakima Ridge Canal, Roza Division, Yakima Project.

BIDS AWARDED

SAN FRANCISCO, Cal.—M. Greenberg and Sons, 765 Folsom Street, at $19,950 awarded contract for Fire Hydrants and Parts, under Invitation to Bid No. 1551, by T. A. Brooks, Purchaser of Supplies, Purchasing Dept., San Francisco.

BOND ELECTION PLANNED

WALNUT CREEK, Contra Costa County—City Council will call election shortly on bond proposal to provide funds for constructing a water system, including 300,000 gallon storage tank, distributing mains and pumps. Mayor E. B. Bradley has been notified that the project is approved for a WPA grant of $40,000 to be available about July 15. City Engineer George Oliver esmitates cost of materials to be supplied by the city at $42,100.

BIDS OPENED

ANTIOCH, Contra Costa Co., Cal.—Fairbanks, Morse & Co., Spear and Harrison Sts., San Francisco, at $2,209.21 submitted low bid to the Antioch City Council for furnishing a 10-inch centrifugal pump, 3750 - g.p.m., for the municipal water system, to pump water from the river to the reservoir.

Complete bids follow:

Fairbanks, Morse & Co., San Francisco	$2,209.21
Untied Iron Works	2,400.00
Waterworks Supply Co.	2,483.20
Ingersoll-Rand Co.	2,507.20
Merrill & Co. (Pennsylvania Pump Co.)	2,596.16
De Laval Steam Turbine Co.	2,613.00
Worthington Company	2,741.70
Westco Pump Sales Co.	2,810.00
Allis-Chalmers	3,050.00

Bids held under advisement until June 15. * 33

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

SAN FRANCISCO COUNTY.—California Nursery Co., Inc., Niles, at $13,935 awarded contract by the State Highway Commission, Sacramento for furnishing and planting various varieties of trees and shrubs, grading, and planting lawn and furnishing and installing a water system at the Fifth Street Plaza in San Francisco.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Pacific Nurseries, Colma, at $431 awarded contract by the Department of Public Works, City Hall, for planting at the Lawton School, Lawton St., between 30th and 31st Aves.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Pacific Nurseries, Colma, at $397 awarded contract by the Department of Public Works, City Hall, for planting at Marina Junior High School, Fillmore Street, between Bay and Chestnut Sts. 34

NEW BIDS WANTED

ROSEVILLE, Placer Co., Cal.—Until June 14, 10 A. M., new bids will be received by the Custodian, U. S. Post Office, Roseville, for furnishing and installing lawn sprinkling system at the U. S. post office, Roseville. No bids were received June 4. *

CONTRACT AWARDED

WINSLOW, Ariz.—Norman Nursery Phoenix, at $625 awarded contract by Treasury Department for seeding and planting grounds at the Winslow P. O.

29— STREETS AND HIGHWAYS

BIDS WANTED

NYE COUNTY, Nevada—Until June 24, 3:15 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphalt road-mix surface on a portion of the State highway system in Nye County, Route 4, Section D2, between 7 miles northeast of Lockes and Callaways, a length of approximately 14.07 miles.

The work involves:

(1) 1109 tons asphaltic road material, Type SC-2;
(2) 84 tons do, Type MC-2;
(3) 14.07 miles roadmix;
(4) 14.07 miles finish roadway;
(5) 37 each culvert markers.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco. * 29

BIDS WANTED

LASSEN COUNTY, Cal.—Until June 20, 2 p.m., bids will be received by the Lassen-Modoc Joint Highway District No. 14, B. F. Lyle, Secretary, at the office of the District Engineer, County Court House, Susanville, for 6.7 miles grading, placing culverts, constructing one bridge, and two cattle guards, and covering 2.9 miles now graveled with binder material from an earth borrow pit, all in Lassen County, between Susanville and Adin.

Plans and specifications obtainable from the District Engineer upon deposit of $10. * 29

BIDS OPENED

OAKLAND, Cal.—Following bids received by the East Bay Municipal Utility District, Oakland, under Spec. No. L. S. 176, for street paving repairs for the period ending June 30, 1937, involving:

(1) 1,000 c.f. asphaltic concrete base, complete in place;
(2) 40,000 s.f. asphaltic street paving repairs, complete surf. course;
(3) 1,000 s.f. asphaltic street paving repairs, skin patching only;
(4) 1,500 c.y. concrete, wet mix, delivered at trench.

Ransome Co., Emeryville: (1) $360; (2) $9,000; (3) $120; total, $9,480.

W. H. Larson, Oakland: (1) $500; (2) $9,400; (3) $100; total, $10,000.

Identical bids at $12,525 submitted by Chas. Hughes, Melrose Building Materials Co., Transit Concrete, Ltd., and Rhodes & Kennedy, Inc.

Bids held under advisement.

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Regal Oil Co., 2305 Orange Ave., Long Beach at $4155.30 awarded contract by the State Highway Commission, Sacramento, for furnishing and applying liquid asphalt on about 12.5 miles in Riverside County, between 12 miles east of Desert Center and 2.2 miles west of Blythe, and between Routes 26 and 187.

Complete bids published June 4.

BIDS WANTED

WHITE PINE COUNTY, Nev.—Until June 24, 2:15 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphaltic road mix surface on a portion of the State highway system in White Pine County, Route 38, Section A, between Preston and Lund, a length of approximately 5.38 miles.

The work involves:

(1) 371 tons asphaltic road material, Type SC-2;
(2) 31 tons do, Type MC-2;
(3) 5.38 miles roadmix;
(4) 5.38 miles finish roadway;
(5) 54 each culvert markers.

NOTE: It was previously reported that bids would be opened June 17.

Plans and specifications obtainable from above office upon deposit of $5, of which about $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

CONTRACT AWARDED

KERN COUNTY, Cal.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at $18,211.85 awarded contract by the State Highway Commission, Sacramento, for about 9.1 miles sufracing with road-mix surfacing and seal coat in Kern County, between three miles and 12 miles north of Mojave.

Complete bids published May 28.

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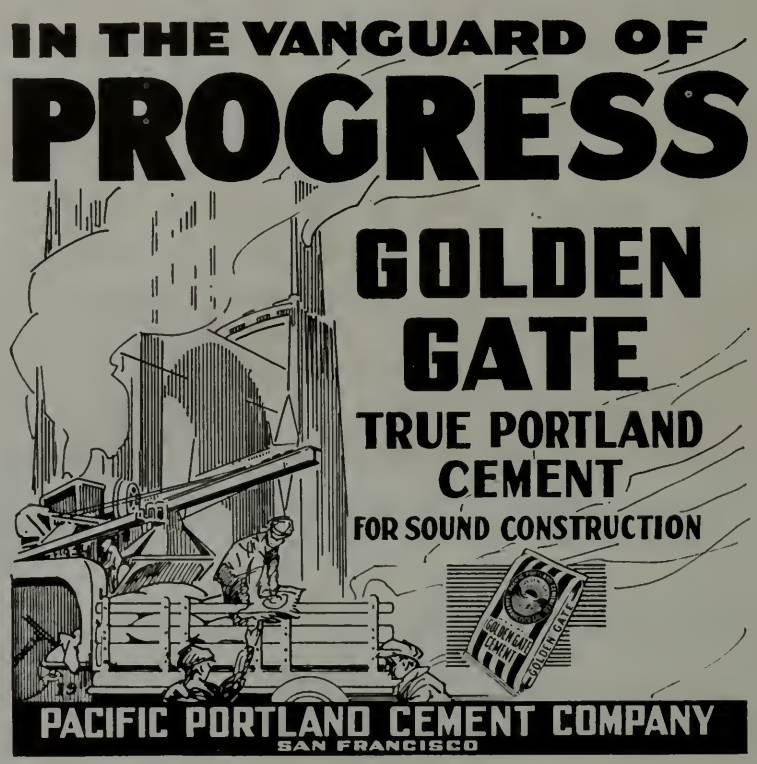

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Vol. XIX SANFRANCISCO, CALIF., JUNE 20, 1936 No. 25

L. A. BIDDERS LOW ON WORK AT KENNETT DAM

Bids Taken For Preliminary Excavation On Valley Project Unit

SACRAMENTO, June 18.—Low bid tunnelling and exploratory core drilling at the Kennett Dam site was submitted today to Construction Engineer Walker Young by L. E. Dixon, Bent Bros. Inc., and Case Construction Co., Los Angeles.

Following are the bids received:

L. E. Dixon, Bent Bros., Inc., and Case Const. Co., L. A.	$ 87,217
Geo. Pollock Co., Sacramento	108,502
Malcolm & Bell, Portland	118,105
R. G. Clifford, San Francisco	140,038

This is the first contract to be offered in the Kennett Dam division of the Central Valley Project. It involves opening of a shaft and excavation of a tunnel under the river, tunneling above the river level to connect with existing drifts opened by Reclamation Service crews and extensive core drilling. The work is located about 12 miles northeast of Redding on the Sacramenot River. It will be under supervision of Roy M. Snell, Kennett Division engineer.

Contract for similar exploratory work at the Friant Dam site was let recently to R. G. Clifford, San Francisco.

Lang Realty Co. Plans 10 Houses In San Rafael

Lang Realty Co., San Francisco, will commence construction of ten five-room residences on Belle Ave. in San Rafael immediately, it was announced yesterday. Sherwood Building Company will handle construction and is taking bids on segregated portions of the work.

The houses are designed by Architect Harold Stoner, San Francisco. They will be one-story and basement frame and stucco, with asphalt shingle roofing, and gas heating systems.

SODIUM VAPOR LIGHTING FOR GATE BRIDGE

Supplemental Work Order Given Contractor Under New Specifications

Revision of the Alta Electric & Mechanical Company contract for electrical work on the Golden Gate Bridge has been authorized by the district directors to provide for installation of sodium vapor lighting units, which with other changes in the contract will add approximately $100,000 to the original bid price of $169,000. Higher efficiency of the sodium vapor light, which also has been specified for the San Francisco-Oakland Bay Bridge, as well as lower operating cost were factors influencing the bridge directors to change the specifications, it is announced.

The improvements in sodium vapor lighting equipment have been developed largely since original bridge lighting specifications were prepared nearly four years ago, Chief Engineer Joseph B. Strauss pointed out.

New plans for the electrical installation include complete sub-station equipment to receive power at 11,000 volts and re-distribute it for the bridge lighting and mechanical systems. Electrical controls will be centralized in a power house at the toll terminal on the San Francisco side.

As preparations for installation of the electrical equipment are getting under way on other units of the Golden Gate Bridge is going forward rapidly. Compacting the 36½-inch cables has been completed and workers are engaged in removing the storm system which was necessary during spinning operations, as well as the balance of the cable spinning equipment. The next cable operation will be the adjustment of the suspender rope saddles and hanging the suspenders from these. This work will be completed in approximately a months' time and by the middle of July erection of the suspended structure will get under way.

In anticipation of this the Bethlehem Steel Company has erected heavy derrick booms and other equipment at each tower.

S. F. BUILDING COSTS HIGHEST IN COAST CITIES

11% Differential Shown Between Prices Here And In Los Angeles

San Francisco building costs are higher than in any other large city on the Pacific Coast. They are about 11 per cent higher than those prevailing in Southern California.

These conclusions are indicated from a careful survey of actual material and labor prices made by the reconditioning division of the Home Owners Loan Corporation for the Federal Home Loan Bank Board. The corporation offices are making a quarterly report on current prices in cities located in every section of the United States.

The method adopted is to obtain actual quotations on the material list for a typical six-room dwelling, apply prevailing wage rates to the estimated labor requirements and add a contractor's profit.

On this computation cubic-foot costs are found to range from 21.6 cents a cubic foot in Los Angeles and approximately the same in San Diego to 27.8 cents in Great Falls, Mont. This represets a difference of almost $1500 in the costs of a house built to identical specifications. San Francisco is about midway of the cost range, costs here being higher than in Los Angeles, San Diego, Portland, Seattle and Spokane. San Francisco costs are lower than those in Salt Lake City, Boise, Phoenix, Reno and Great Falls.

The tabulation below shows comparative costs based on the latest survey by the HOLC offices:

	Total Cost	Cu. Ft. Cost
Los Angeles	$5,182	$0.216
San Diego	5,208	.217
Portland	5,349	.223
Seattle	5,485	.229
Spokane	5,711	.238
San Francisco	5,756	.240
Salt Lake City	5,793	.241
Boise	5,825	.243
Phoenix	6,108	.254
Reno	6,193	.258
Great Falls	6,663	.278

BRIDGE TRAIN CONTRACT LET BY KEY LINES

Bethlehem Steel To Build New Equipment For Transbay Service

Key System Railways, Ltd., yesterday announced award of a contract to Bethlehem Steel Corporation for constructing 23 complete electric train units to be used in service over the San Francisco-Oakland Bay Bridge and for 40 steel car bodies for which the Key System will supply trucks and will finish in the Oakland shops. The company also will rebuild some of its present equipment to provide a total of 88 two-car units for the bridge lines by January 1, 1938.

First deliveries from the Bethlehem plants are to be made about September 15 and the new equipment will be used on the present interurban lines, gradually replacing the old equipment which will be discarded or rebuilt.

An investment of approximately $3,250,000 will be made in the new trains, according to Alfred J. Lundberg, Key System president. The purchase is financed by $1,250,000 in company funds and a loan advanced by the Reconstruction Finance Corporation.

Design for the new trains was based in part on an articulated unit which the Key System has used on an experimental basis for the past two years. There will, however, be many advances over the experimental unit, Lundberg said.

The trains will be of all steel construction, with the exception of aluminum in parts where strength is not a necessary feature. A light weight steel alloy will be used.

The cars will have leather covered seats, electric heaters automatically controlled by thermostats, and forced draft ventilation. Modern indirect lighting is incorporated in the design.

The cab signal control to be provided will give visual and audible signals in the motorman's cab, in addition to railside signals. The control is fully automatic, and if the motorman fails to obey the signal within a predetermined time the control of the train is taken from him.

Electric automatic couplers to be used permit the coupling or uncoupling of units while in motion. Lundberg explained that this feature greatly will aid in cutting schedules in the short headway on which bridge trains will run, since a stop will not be necessary to make up or break up a train with several of the units.

Production of malleable iron castings was 50,954 tons for April, 1936, as against 42,035 tons for the same period last year, according to the Census Bureau.

Bondsmen Asked To Complete Work On Oakland Tunnel

Directors of Joint Highway District No. 13 have called on bondsmen for Six Companies of California, Inc., to complete the Broadway Low Level tunnel and other work included in the $3,700,000 project, which was abandoned by the contractor June 13 about 70 per cent completed. Further proceedings by the district directors await a reply from the bonding companies.

Sureties totalling $1,842,000 were posted for faithful performance. If bonding companies decline to proceed with the work the district will commence action to forfeit the bonds and let a new contract to complete the tunnel, Thos. E. Caldecott, president of the directors, said.

Henry J. Kaiser, president of Six Companies of California, filed notice with the district late Saturday that the company would not proceed with its contract after 11 P. M., June 13. The district has been assessing a penalty of $500 a day against the contractor since May 24, the original date set for completion. An extension of time was denied by the directors.

It will take seven months to complete excavation and lining of the tunnel and other portions of the contract, Mr. Kaiser estimated. Delays have been due to the treacherous nature of the ground and the contractor has sustained a heavy loss because the geological reports furnished by the district were inaccurate in representing all of the material through which the twin bores are to be driven as self-sustaining, Mr. Kaiser said.

Conference Asks 8-Hour Day on City Contracts

An amendment to the San Francisco ordinance regulating hours of work on public contracts which will return local public works to an eight-hour day was endorsed by the joint industry conference board of which Architect Harry Michelson is chairman, at a meeting June 12. The conference is representative of architects, engineers, contractors and members of the Producers' Council Club.

The six-hour day and 30-hour week have become a serious handicap to obtaining labor on public contracts due to increasing employment of building mechanics in private work, it is asserted, and delay in completing the 1939 Exposition buildings and other projects subject to the six-hour limitation is feared.

CENTRAL VALLEY FRIANT DIVISION VOTED $6,000,000

House Approves Appropriation With Restrictions On Expenditure

Central Valley Project will receive $6,900,000 in a special appropriation for continued work during the fiscal year ending June 30, 1937. This amount was authorized by the House yesterday in approving a conference report on the deficiency bill.

Of the full amount $6,000,000 is ear-marked for work on the Friant Dam and the San Joaquin valley conduits. Of the balance $250,000 will be for administrative expenses of the Bureau of Reclamation in connection with the project.

Passage of the measure in the House was effected through an agreement that none of the money voted would be utilized on the Kennett Dam division, it was reported in Washington. The Bureau has available, however, about $8,000,000 balance in funds from the 1935 Emergency Relief Appropriation which will be added to the new allotment. There is no restriction on the expenditure of this money.

Members of the California delegation in Congress said they interpreted the deficiency appropriation as a "complete authorization" for the Central Valley Project.

Other western reclamation projects are to be financed with a $31,000,000 appropriation included in the Interior Department supply bill, which has been finally accepted by the conference committee after a reduction of $27,000,000 in the amount voted originally by the Senate and rejected by the House.

ALBERT J. EVERS INSTITUTE DIRECTOR

Albert J. Evers of San Francisco has been elected regional director of the American Institute of Architects for the Sierra Nevada Division. Mr. Evers formerly was architectural advisor for the FHA in the Northern California district. He is now a member of the staff of the Golden Gate International Exposition in charge of specifications.

OPENS OFFICE

Architect Herbert E Goodpastor has opened offices in the Mitau Building, Sacramento. Mr. Goodpastor has been with the architectural offices of Harry J. Devine in Sacramento for the past four years. Prior to that he was a member of the Oakland firm of Treichel and Goodpastor. He is president of the Sacramento District Society of California Architects.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1186	McCormick	Owner	2800
1187	Barry	Cahill	45000
1188	Donaldson	Van Aalst	4700
1189	Gross	Owner	1000
1190	Johnson	Owner	3000
1191	Tyson	McFee	3000
1192	Doelger	Owner	4000
1193	Waiters'	McSheehy	1732
1194	Home	Siegrist	3500
1195	Magnin	Barett	1000
1196	Liebman	Owner	7500
1197	Arbulich	Owner	2000
1198	Associated	Michel	1500
1199	Cresta	Standard	2000
2000	Liebman	Owner	8500
2001	Oser	Johnson	6000
2002	Lindsay	Owner	3950
2003	Lindsay	Owner	3500
2003	Van Der Beets	Aetna	6000
2004	Van Der Beets	Owner	3000
2005	Associated	Owner	8000
2006	Associated	Owner	1000
2007	Bethlehem	Owner	6000
2008	McCarthy	Aetna	3500
2009	Cicerone	Owner	17500
2010	Lyon	Owner	5000
2011	Wong	Yick	1000
2012	Bendel	Owner	4000
2013	Mohler	Owner	3500
2014	Cramer	Owner	3500
2015	Cosmos	Owner	2000
2016	Blincoe	Owner	4000
2017	Davis	Anderson	8000
2018	Bethlehem	Owner	40000
2019	Doelger	Owner	4000

ALTERATIONS
(1186) 2043 19th AVE. Alter hospital.
Owner and Contractor—Dr. Thos. J. McCormick, premises.
Architect—Not Given. $2800

PRINTERY
(1187) W VAN NESS AVE. South S 228 N 13th St. One-story Class C printery.
Owner—James H. Barry Co., 1122 Mission Street.
Engineer—Jesse Rosenwald, 525 Market Street.
Architect—Not Given.
Contractor—Cahill Bros., 206 Sansome Street. $15,000

DWELLING
(1188) E 46th AVE. 200 S Taraval. Two - story and basement frame dwelling.
Owner—Charles H. Donaldson, 2325 Ocean Avenue.
Architect—Harold Stoner.
Contractor—B. G. Van Aalst, 401 West Portal Avenue. $4700

ALTERATIONS
(1189) 3026 JACKSON Street. Alter dwelling.
Owner and Contractor—Mendes Gross, 157 Sutter Street.
Architect—Not Given. $1,000

DWELLING
(1190) S PIOCHE 70 W Howard St. One - story and basement frame dwelling.
Owner and Builder—J. A. Johnson, 69 Madison Street.
Architect—Not Given. $3,000

DWELLING
(1191) SW PERSIA and Madrid. One-story and basement frame dwelling.
Owner—Louis Tyson, 310 Persia.
Architect—Not Given.
Contractor—R. A. McFee, 125 Cervantes Blvd. $3,000

DWELLING
(1192) W 16th AVE. 300 S Ortega. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

ALTERATIONS
(1193) 1256 MARKET Street. Alter union quarters.
Owner—Waiters' Union, premises.
Architect—Not Given.
Contractor—Jas. McSheehy, 137 Clifford Terrace. $1732

ALTERATIONS
(1194) 821 MARKET ST. Alter office.
Owner—Home Owners Loan Corporation, premises.
Architect—Edwar dGlass, Pacific Bldg.
Engineer—W. H. Ellison, Pacific Bldg.
Contractor—F. R. Siegrist, 604 Mission Street. $3500

ALTERATIONS
(1195) GRANT AVE. and Geary St. Alter store.
Owner—I. Magnin, premises.
Plans by L. and E. Emanuel, 2665 Jones Street.
Contractor—Barrett & Hilp, 918 Harrison St. $1000

FLATS
(1196) E ROSSI AVE. 33 N Public Lane. Two - story and basement frame flats.
Owner—Ben Liebman, 3319 Fillmore.
Architect—Richard Irvine, 2048 Market Street. $7500

ALTERATIONS
(1197) 546 BROADWAY. Alter restaurant.
Owner and Contractor—Thos. Arbulich, premises.
Architect—Not Given. $2,000

ALTERATIONS
(1198) N HAIGHT ST. bet. Stanyan and Shrader. Alter service station.
Owner—Associated Oil Co., 79 New Montomery Street.
Architect—Not Given.
Cntractor—Michel and Pfeffer, 1415 Harrison St. $1500

GAS STATION
(1199) NW GENEVA and Mission St. Class B gas station.
Owner—Standard Oil Co., 225 Bush St.
Architect—Richard Irvine, 2048 Market Street.
Contractor—Cresta Bros., care owner. $2,000

FLATS
(2000) E ROSSI AVE. 238 N Public Lane. Three-story frame flats.
Owner—Ben Liebman, 3319 Fillmore.
Architect—Richard Irvine, 2048 Market Street. $8,500

ALTERATIONS
(2001) WEST PORTAL and Vicente. Alter theatre.
Owner—Oser Est. Corp., Hobart Bldg.
Architect—Not Given.
Contractor—J. H. Johnson, 639 Brannan Street. $6,000

DWELLING
(2002) W SEVENTEENTH AVE. 150 S Moraga St. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce Ave., San Francisco
Architect—Not Given. $3950

DWELLING
(2003) E EIGHTEENTH AVE. 275 S Moraga St. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(2003) N GARFIELD AVE. 25 & 75 E Head St. Two one-story and basement frame dwellings.
Owner—R. Van Der Beets, 1401 Ocean Ave., San Francisco.
Architect—Not Given.
Contractor—Aetna Constr. Co., 1730 24th Ave. S. F. $3000 each

DWELLING
(2004) N GARFIELD AVE. 50 E Head St. One-story and basement frame dwelling.
Owner—R. Van Der Beets, 1401 Ocean Ave., San Francisco.
Architect—Not Given.
Contractor — Aetna Constr. Co., 1730 24th Ave., S. F. $3000

STATION
(2005) CALIFORNIA AND STEINER Sts. Service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Vincent Rainey, 233 Post St., San Francisco. $8000

STATION
(2006) N COLUMBUS AVE. at W Grover Place. Service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given. $1000

MILL
(2007) TWENTIETH & ILLINOIS Sts. Mill construction.
Owner—Bethlehem Ship Bldg. Corp., Premises.
Architect—Not Given. $6000

DWELLING
(2008) W BRIGHTON AVE. 275 N Grafton Ave. One-story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor—Aetna Constr. Co., 1730 24th Ave., San Francisco. $3500

MARKET
(2009) S GEARY 90 W Henderson St. Class C market.
Owner — Cicerone Co., 1101 Potrero Ave., San Francisco.
Architect—Conrad T. Kett, 519 California St., San Francisco.
Engineer—W. Adrian, 517 Market St., San Francisco $17,500

DWELLING
(2010) W PACHECO ST. 50 N Tenth Ave. Two-story and basement frame dwelling.
Owner—A. R. Lyon, 605 Pacheco St., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco. $5000

ALTERATIONS
(2011) NO. 655 PACIFIC AVE. Alter flat.
Owner—Wong Sing, Premises.
Architect—Not Given.
Contractor—Frank Yick, 670 Washington St., San Francisco. $1000

FLATS
(2012) GROVE ST. 746 E Octavia St. One-story and basement frame flats.
Owner—Mrs. Bendel, Lexington Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(2013) N CABRILLO ST. 90 E 47th Ave. One-story and basement frame dwelling.
Owner—T. E. Mohler, 751 28th Ave., San Francisco.
Architect—Not Given. $3000

FLAT
(2014) W DANVERS ST. 86 W Caselli Avenue. One-story and basement frame flat.
Owner—Mrs. Cramer, 6 Fountain St., San Francisco.
Architect—Not Given. $8500

ALTERATIONS
(2015) NW PINE AND LEAVENworth St. Alter flats.
Owner—J. Cosmos, 645 Russ Bldg., San Francisco.
Architect—Not Given. $2000

DWELLING
(2016) W THIRTY-SEVENTH AVE. 175 N Judah St. One-story and basement frame dwelling.
Owner—C. O. Blincoe, 2663 15th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(2017) SE MONCADA WAY 220 NE Cedro St. Two-story and basement frame dwelling.
Owner—W. H. Davis, % Contractor.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
Contractor — Adolph Anderson, 230 Hazelwood St., S. F. $8000

ALTERATIONS
(2018) SE TWENTIETH & ILLINOIS Sts. Alter warehouse.
Owner—Bethlehem Steel Corp., Prem.
Architect—Not Given. $40,000

DWELLING
(3019) NW SIXTEENTH AVE. AND Pacheco St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
894	Fisher	Owner	10000
895	Frailey	Haller	6000
896	Morra	Ganiats	1975
897	Bonds	Owner	6500
898	Hopfer	Armstrong	7500
899	Phaffenberger	Armstrong	6000
900	Potter	Potter	1000
901	Bailey	Lossing	1100
902	Howard	Gerwick	2000
903	Howard	Gerwick	6000
904	Oakland	Early	48193
905	Allendale	Owner	2000
906	Baker	Norgrove	5190
907	Netherby	Owner	4000
908	Howard	Johnson	60000
909	Baker	Dooley	4000
910	Church	Baker	5737
911	City	Norgrove	11969
912	Balce	Flagg	4000
913	Bank	Capital	15000
914	General	Owner	16000
915	Pollard	Owner	3000
916	Catron	Owner	2000
917	O'Kel	DuPuy	2090
918	Waddell	Haller	6000
919	Prette	Owner	1000
920	Lincoln	Owner	3775
921	Dasha	Altermatt	1000
922	Jacharie	Owner	1900
923	Sundquist	Owner	5000
924	Diamond	Hopper	9000
925	Millzner	Dixon	1000
926	Macy	Harris	1000
927	Saylor	Brown	1500
928	Postel	Pickrell	1000
929	Haulman	Owner	4000
930	Baxter	Wallin	5000
931	Bethlehem	Owner	4000
932	Warren	Owner	6000
933	Warren	Owner	2700
934	Roberts	Glynn	5000
935	Larmer	Owner	9500
936	Fong	Cvetich	1000
937	Thompson	Milton	2900
938	MacGregor	Owner	4000
939	Giorgetti	Church	1600
940	Barroca	Ortzow	5516
941	Carnes	Melrose	1000
942	Crane	Owner	3400

DWELLING
(894) NO. 6127 ACACIA AVENUE. **OAKLAND.** Two-story nine-room dwelling.
Owner—H. P. Fisher, 376 17th Street, Oakland
Architect—W. E. Schirmer, Bank of America Bldg., Oakland. $10,000

DWELLING
(895) NO. 6173 CONTRA COSTA RD. **OAKLAND.** Two-story six-room dwelling.
Owner—M. C. Frailey, 2454 67th Ave Oakland.
Architect—Not Given.
Contractor—P. H. Haller, 6221 Buena Vista Ave., Oakland. $6000

STORE
(896) NO. 7963 FOOTHILL BLVD., **OAKLAND.** One-story store.
Owner—Gus Morra, 3301 Foothill Blvd. Oakland.
Architect—Not Given.
Contractor — C. Ganiats, 2092 40th Ave., Oakland. $1975

DWELLING
(897) NO. 445 VASSAR STREET, **BERKELEY.** One-story 6-room frame dwelling and garage.
Owner—Milton S. Bonds, 583 Spruce St., Berkeley.
Architect—Not Given. $6500

DWELLING
(898) NO. 1872 GREENOCH AVE., **OAKLAND.** Two-story 6 - room dwelling and one-story garage.
Owner—O. E. Hopfer.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Architect—J. R. Armstrong, 1131 Fleet Road, Oakland. $7500

DWELLING
(899) NO. 622 CONTRA COSTA RD., **OAKLAND.** Two-story six-room dwelling.
Owner—T. H. Phaffenberger.
Architect—E. L. Snyder, 1201 Shattuck Ave., Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $6000

DWELLING
(900) NO. 4632 FAIR AVENUE, **OAKLAND.** One-story 3 - room dwelling.
Owner—Harvey W. Potter, 7563 Circle Hill Drive., Oakland.
Architect—Not Given.
Contractor—A. W. Potter, 6175 Overdale Ave., Oakland. $1000

ADDITION
(901) NO. 1022 SPRUCE STREET, **BERKELEY.** Additions.
Owner—Dr. Edna Bailey, Premises.
Architect—Not Given.
Contractor—T. S. Lossing, 47 Canyon Road, Berkeley. $1100

WHARF
(902) FOOT OF FIRST and Market Sts., **OAKLAND.** Reconstruction of apron wharf.
Owner—Howard Terminal Company.
Plans by Henry S. Howard.
Contractor—Ben C. Gerwick, 112 Market St., San Francisco. $3000

ALTERATIONS
(903) FIRST and Market Sts., **OAKLAND.** Alterations.
Owner—Howard Terminal Co., First and Market Sts., Oakland.
Architect—Not Given.
Contractor—Ben C. Gerwick, 112 Market St., San Francisco. $6,000

RECONSTRUCTION
(904) 1610 FOOTHILL BLVD., **OAKLAND.** Re-construct school.
Owner—Oakland School District, 1025 Second Ave., Oakland.
Architect—W. G. Corlett, 1025 Second Ave., Oakland.
Contractor—F. J. Early, Jr., 366 40th St., Oakland. $48,493

HALL
(905) 3600 PENNIMAN AVE., **OAKLAND.** One-story hall.
Owner & Contractor—Allendale Baptist Church, 3600 Penniman Ave., Oakland.
Architect—Not Given. $2,000

DWELLING
(906) 951 EUCLID AVE., **BERKELEY.** One-story five-room frame dwelling.
Owner—H. J. Baker, 625 17th St., Merced.
Architect—B. R. Hardman, 2068 Allston Way, Berkeley.
Contractor—C. M. Norgrove, 2220 Roosevelt, Berkeley. $5190

DWELLING
(907) 429 VASSAR St., **BERKELEY.** Two-story 6-room frame dwelling.
Owner and Builder—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given. $4,000

WAREHOUSE
(908) FIRST and Market Sts., **OAKLAND.** One-story warehouse.
Owner—Howard Terminal.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $60,000

OFFICE BLDG.
(909) 3630 HOPKINS ST., **OAKLAND.** One-story office building.
Owner—Dr. C. E. Barker.
Architect—Not Given.
Contractor—Fred T. Dooley, 3936 Vale Ave., Oakland. $4000

CHURCH
(910) 1900 ESSEX, **BERKELEY.** One-story 5-room church.
Owner—Church of New Jerusalem, 1900 Essex, Berkeley.
Architect—M. Manning, 92 7th Street, San Francisco.
Contractor—W. J. Baker, 2255 Ransome, Berkeley. $5737

FIRE HOUSE
(911) 999 CEDAR ST., BERKELEY. One-story 6-room frame fire house
Owner—City of Berkeley, City Hall.
Architect—J. W. Plachek, Berkeley.
Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. $11,969.00

DWELLING
(912) 5539 BRANN ST., **OAKLAND.** One-story 5-room dwelling.
Owner—A. H. Balce, 5706 Brookdale Ave., Oakland.
Architect—Not Given.
Contractor—John S. Flagg, 4021 East 14th St., Oakland. $4,000
Also 1-story garage, $100.

ALTERATIONS
(913) 2200-2214 BROADWAY, **OAKLAND.** Alterations.
Owner—Bank of America.
Architect—Not Given.
Contractor—Capital Co., 1212 Broadway, Oakland. $15,000

ADDITION
(914) PARR TERMINAL, Pier and Ferry Sts., **OAKLAND.** Addition to warehouse.
Owner and Contractor—General Petroleum Corp. of Calif., premises.
Architect—Not Given. $16,000

DWELLING
(915) 215 HERMOSA AVE., **OAKLAND.** One-story 5-room dwelling.
Owner and Builder—A. J. Pollard.
Architect—Not Given. $3,000

DWELLING
(916) 3937 LOMA VISTA AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner and Contractor—Henry Catron premises.
Architect—Not Given. $2,500

ALTERATIONS
(917) 17 SIERRA, **PIEDMONT.** Alterations.
Owner—Mr. and Mrs. Jack O'Kel, 17 Sierra Ave., Piedmont.
Architect—F. K. Reimers, 233 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco. $2,000

RESIDENCE
(918) 506 SCENIC AVE., **PIEDMONT.** One - story 6-room frame residence and garage.
Owner—Paul Wadsell, 2827 E 23rd St. Piedmont.
Architect—Not Given.
Contractor—Paul H. Haller, 6221 Buena Vista Ave., Oakland. $6000

ALTERATIONS
(919) NO. 1506 LINDEN STREET, **OAKLAND.** Alterations.
Owner—V. M. Prette, 1506 Linden St. Oakland.
Architect—Not Given. $1000

DWELLING
(920) NO. 4337 MASTERSON ST., **OAKLAND.** Two-story six-room dwelling.
Owner—Luther H. Lincoln, 11 Scenic Ave., Piedmont.
Architect—Not Given $3775

ALTERATIONS
(921) NO. 5036 - 5098 TELEGRAPH Ave., **OAKLAND.** Alterations.
Owner — John Dacha, 491 51st St., Oakland.
Architect—Not Given.
Contractor — J. F. Altermatt, 213 Taurus Ave., Oakland. $1000

DWELLING
(922) NO. 4130 E-SEVENTEENTH Ave., **OAKLAND.** One-story 3-room dwelling.
Owner—Mrs. Alice Zacharie, 432 E-17th St., Oakland.
Architect—Not Given. $1900

DWELLING
(923) NO. 1027 BROOKWOOD ROAD, **OAKLAND.** One-story six-room dwelling.
Owner—M. W. Sundquist, 5352 Shafter Ave., Oakland.
Architect—Not Given. $5000

ALTERATIONS
(924) NO. 3422 FRUITVALE AVE., **OAKLAND.** Alterations.
Owner—Diamond Theatre Co.
Architect—A. A. Cantin.
Contractor — Alfred J. Hopper, 1769 Pleasant Valley. $9000

ALTERATIONS
(925) NO. 3002 E - SEVENTEENTH St., **OAKLAND.** Alterations.
Owner—T. M. Millzner, Premises.
Architect—Not Given.
Contractor—Dixon & Roth, 1844 5th Ave., Oakland. $1000

ADDITIONS
(926) NO. 912 SPRUCE ST., **BERKELEY.** Additions.
Owner—L. Macy, Premises.
Architect—Not Given.
Contractor—G. A. Harris, 5912 Ayala St., Oakland. $1000

ALTERATIONE
(927) NO. 2420 ENCINAL AVENUE, **ALAMEDA.** Alterations and addition.
Owner—Saylor Candy Co., 2420 Encinal Ave., Alameda.
Architect—Not Given.
Contractor — Henry Brown, 1387 E-32nd St., Oakland. $1500

ALTERATIONS
(928) NO. 1330 PARK ST., **ALAMEDA.** Alterations.
Owner—Greta Postel.
Architect—Not Given.
Contractor—J. H. Pickrell, 1824 Alameda Ave., Alameda. $1000

DWELLING
(929) NO. 2910 FERNSIDE BLVD., **ALAMEDA.** One-story 5-room dwelling.
Owner—P. Royal Haulman, 1243 Broadway, Alameda.
Architect—Not Given. $4000

DWELLING
(930) NO. 2849 LINCOLN AVENUE, **ALAMEDA.** One-story five-room dwelling.
Owner—G. A. Baxter, Alameda.
Architect—F. D. Dechene.
Contractor — Folke Wallin, 2150 50th Ave., Oakland.

BUILDING
(931) WEBSTER AND WORK STS., **ALAMEDA.** One - story steel building.
Owner—Bethelem Shipbuilding Corp., Premises.
Architect—Not Given. $4000

DWELLINGS
(932) NO. 3242-3254 ARKANSAS ST., **OAKLAND.** Two two-story 5-room dwellings and (2) one-story garages.
Owner—Weldon H. Warren, 3044 Dakota St., Oakland.
Architect—Not Given. $3000 ea

DWELLING
(933) NO. 3248 ARKANSAS STREET, **OAKLAND.** One-story five-room dwelling and one-story garage.
Owner—Weldon H. Warren, 3044 Dakota St., Oakland.
Architect—Not Given. $2700

DWELLING
(934) NO. 5109 COCHRANE AVE., **OAKLAND.** One-story six-room dwelling.
Owner—Jas. E. Roberts, 849 Warfie' Ave., Oakland.
Architect—H. J. Scott, 3110 Octavia St., San Francisco.
Contractor—Harry Glynn, 6023 Colby St., Oakland. $5000

STORES
(935) NO. 372-74-76 GRAND AVE., **OAKLAND.** One-story concrete store building.
Owner—Edward Larmer, 90 Fairview Ave., Oakland.
Architect—Leonard Ford. $9500

FOUNDATION
(936) NO. 1614 EIGHTH STREET, **OAKLAND.** Concrete foundation.
Owner—Kay Fong.
Architect—Not Given.
Contractor—M. Cvetich, 2515 Adeline St., Oakland. $1000

STATION
(937) NO. 901 THIRTY-EIGHTH ST. **OAKLAND.** One-story steel service station.
Owner—R. Thompson, 57 Oak Street, Oakland.
Architect—Not Given.
Contractor — B. Milton, 589 Haddon Road, Oakland. $2900

DWELLING
(938) NO. 901 ALAMEDA AVENUE, **BERKELEY.** One and one-half story 6-room frame dwelling.
Owner—C. M. MacGregor, 1391 Solano St., Berkeley.
Architect—Not Given. $4000

STORAGE BLDG.
(939) NO. 9507 JONES AVE., **OAKLAND.** One-story frame storage house.
Owner—C. Giorgetti, 3542 E-14th St., Oakland.
Architect—Not Given.
Contractor — Albert A. Church, 3536 Allendale Ave., Oakland. $1600

DWELLING
(940) NO. 1550-54 THIRTY-FOURTH St., **OAKLAND.** Two-story five-room dwelling and store.
Owner—Antonio Barroca, 1552 34th St., Oakland.
Architect—Not Given.
Contractor—John Ortzow, 3924 Clarke St., Oakland. $5516

ALTERATIONS
(941) NO. 1020 BELLA VISTA AVE **OKLAND.** Alterations.
Owner — Chas. R. Carnes, 564 Mira Vista Ave., Oakland.
Architect—Not Given.
Contractor — Melrose Builders, 1700 47th Ave., Oakland. $1000

DWELLING
(942) NO. 1534 JOSEPHINE ST., **BERKELEY.** One-story six-room frame dwelling and garage.
Owner — H. W. Crane, 2635 Russell St., Berkeley.
Architect—Not Given. $3400

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
59	Wiltshire	Brodie	8056

IMPROVEMENTS
(59) 340 STOCKTON ST. Removal of 106 bath tubs, toilet tanks and toilet seats and replacement of same with new equipment.
Owner—Wiltshire Hotel, 340 Stockton.
Architect—Not Given.
Contractor—Thos. Brodie, 1281 Mission Street.
Filed, June 11, '36. Dated, May 29, '36
Monthly progress payments.
TOTAL COST, $8,056.00.
Specifications filed.

DWELLING
(60) LOT NO. 43 BLK NO. 5, According to Map Lakeview, portion of Rancho San Miguel, filed with Recorder August 11, 1890 and recorded in Map Book E and F, Pages 138 and 139. All work for frame and stucco five-room and breakfast room, Patio Type dwelling with garage underneath.
Owner—The McCarthy Co., 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor—W. Duerner Jr. (as Aetna Constr. Co.), 1730 24th Ave., San Francisco.
Filed June 17, '36. Dated June 5, '36.
Frame up 25%
Brown coat plaster on 25%
Upon completion 25%
Usual 35 days 25%
TOTAL COST, $3725
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS

ALAMEDA COUNTY

No.	Owner	Contractor	Amt
75	Norris	Griffin	10654
76	S. P.	Herrick	6784
77	S. F. Society	Baker	5737

RESIDENCE

(75) NO. 140 THORNTON AVENUE Centerville. All work for two-story residence

Owner—Judge Allen G. Norris.

Architect—B. M. and D. B. Clark, 310 University Ave., Palo Alto

Contractor — R. A. Griffin, 682 Fairview St., Oakland.

Filed June 15, '36. Dated June 9, '36.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $10,654.50

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SHED

(76) FIFTH AND KIRKHAM STS., Oakland. General construction for steel freight shed.

Owner—Southern Pacific Co., 65 Market St., San Francisco.

Architect—Not Given.

Contractor—Herrick Iron Works, 18th and Campbell Sts., Oakland.

Filed June 17, '36. Dated June 11, '36.
Close of each month 75%
Usual 35 days..... Balance
TOTAL COST, $6784

Bond, $6784. Surety, U. S. Guarantee Co. Limit, 85 days. Forfeit, none. Plans and specifications filed.

BUILDING

(77) LOCATION NOT GIVEN, Berkeley. All work for one - story cement stucco exterior building.

Owner—San Francisco Society of the New Jerusalem, San Francisco.

Architect—Mark E. Manning, 92 7th St., San Francisco.

Contractor—W. J. Baker, 2255 Ransome St., Berkeley.

Filed June 17, '36. Dated June 10, '36.
In amounts of $500 upon accrual of receipted bills .....
Usual 35 days..... Balance
TOTAL COST, $5737

Bond, limit, forfeit, plans and specifications, none.

SAN FRANCISCO UNDER $1000

SIGN, electric, $100; 3900 Third St.; owner, The Fairfax, Prem.; contractor, Apex Elec. Co. 363 Fell.

ALTER restaurant, $382; 370 Third St. owner, Mary Gohiorza, Hunters Point; contractor, Lambertson Sales Co., 942 Mission St.

FLUES, $50; 312 Texas St.; owner, John Carlson, 2239 Bryant St.; contractor, Waltens Furnace & Sheet Metal Co., 2230 Market St.

ALTER beauty parlor, $165; 3263-65 Mission St.; owner, Otto Catalano, 3286 Mission; contractor, Bay City Service Co., 920 Buchanan St.

SIGN, electric, $200; 1820-A Post St.; owner, Club Alabam, Prem.; contractor, Brumfield Elec. Co.; 965 Folsom St.

ALTER flats, $700; SW 24th and Church Sts.; owner, F. Hoffman, 3807 24th St.

ALTER restaurant, $45; 92 Sixth St.; owner ,Sullivan Estate, 318 Kearny St.; contractor, I. Grant, 791 McAllister St.

ALTER dwelling, $60; 1164 Jackson St.; owner, Paul C. Enders, Prem.

ALTER flat, $200; 1419 Church St.; owner, Thomas Keane, Prem.

SIGN, electric, $400; 650 Geary Street; owner, Islam Temple, Premises; contractor, Brumfield Elec. Co., 965 Folsom St.

ALTER restaurant, $900; 516 Kearny St.; owner, Fred Holmes, Prem.; contractor, Miller & McGillis, 527 19th Avenue.

ALTER apartments, $600; 2459 Larkin St.; owner, F. B. Quinn, 2034 Beach St.; contractor, B. E. Fisher, 71 Sutter St.

FLUE, $15; 305 Chestnut St.; owner, Mr. Belli, Premises.

ALTER manufacturing loft, $212; 665 6th St.; owner, Holbrook, Merrill & Stetson, 973 Mission St.; contractor, Michael & Pfeffer Iron Works, 1415 Harrison St.

PORCH, Sleeping, $100; 2831 Garber, Berkeley; owner, E. J. Richardson, premises; contractor, J. V. Harris, 5912 Ayala.

ALTERATIONS, $100; 1801 McGee, Berkeley; owner, J. Collinian, premises; contractor, Crown Roof Co., 1911 E. 12th St.

ALTERATIONS, $100; 1415 San Pablo Ave., Berkeley; owner, Joe Rema, 1417½ San Pablo Ave.; contractor, Crown Roof Co., 1911 E. 12th St.

REPAIRS, $60; 5876 Vallejo st., Oakland; owner, Antonio F. Cruz, premises; contractor, same.

ADDITION, $50; 1105 E. 12th St., Oakland; owner, J. A. Edgar, RFD 1, Box 86, Martinez; contractor, same.

ALTER, $40; 1061-65 Seventh street, Oakland; owner, G. Garibaldi, premises; contractor, M. E. Valente, 5118 Clarke st.

ALTER, $100; 909 Franklin st., Oakland; owner, T. Haroda, premises; contractor, E. Koyama, 626 Clay street.

GARAGE, One-story, $75; 1127 2nd Ave., Oakland; owner, John W. Gascette, 1111 2nd Ave.; contractor, same.

ALTER, $400; 5343 Grove st., Oakland; owner, Valpreda Bros., premises; contractor, Allied Bldg. Crafts, 608 16th st.

FIRE REPAIRS, $150; 1120 32d st., Oakland; owner, Thos. Rogers, 1733 Jefferson st., same.

ADDITION, $500; 5220 E. 10th st. Oakland; owner, S. Montinelli, premises; contractor, owner.

ALTERATIONS, $200; 330 105th ave., Oakland; owner, R. W. Duncan, premises; contractor, owner.

WRECK BUILDING, $100; 7520 East 14th st., Oakland; owner, Wyllie Wrecking Co., 1134 73rd Ave.; contractor, owner.

ROOF SIGN, $25; 2889 E. 12th st., Oakland; owner and contractor, Richfield Oil Co., Western Water Front.

SIGN, Electric, $225; 8242 E. 14th St., Oakland; owner, Joe Jaeger, premises; contractor, Western Neon Lite Co., 1411 40th Avenue.

SIGN, Electric, $225; 5130 E. 14th St., Oakland; owner, Joe Jaeger Service Stations; contractor, Western Neon Lite Co., 1411 40th Avenue.

SIGN, Electric, $300; 953 8th st., Oakland; owner, L. Hudson, premises; contractor, QRS Neon Corp., 690 Potrero Ave., San Francisco.

SIGN, Metal, $30; 2860 Broadway, Oakland; owner, Hudson Auto Co., premises; contractor, Morgan Signs, 4260 Piedmont Ave.

ALAMEDA COUNTY UNDER $1000

ALTER flats, $450; 652 Greenwich St.; owner, Gelasio Bibia, 1968 Powell

FLUES, $50; E Holyoke St. 50 N Bacon St.; owner, S. Larsen, 365 Ashton St.; contractor, Precita Sheet Metal Works, 3119 Harrison Street.

GARAGE, $50; 395 Vermont St. (rear) owner, Simoni Giusto, Premises; contractor, Bay Shore Concrete Co., 164 Filbert St.

ALTER factory, $450; 19th and Minnesota Streets; owner, Northern California Wine Co., Premises; contractor, S. A. Giusti & Co., 200 Green St.

SIGN, electric, $350; 2390 Mission St. owner, Granat Bros., Prem.; contractor, Elec. Prods. Co., 910 Harrison Street.

ALTER restaurant, $290; NW 8th and Minna Sts.; owner, J. McGovern, Premises.

ALTER hotel, $850; SE Fifth and Minna Sts.; owner, N. V. Doran, Mint Hotel; contractor, M. J. Lynch, Barneveld and Oakdale Avenues.

FLUES, $45; 1307 Hayes St.; owner, B. Lazzareschi, 743 Divisadero St. contractor, Cortland Sheet Metal Works, 1414 Valencia St.

SIGN, electric, $200; 3019 16th Street; owner, Superior Pork Store, 3019 16th St.; contractor, Pioneer Elec. Co., 370 Van Ness Ave.

SIGN, electric, $100; 708 Howard St.; owner, Lima, Prem.; contractor, Apex Elec. Co., 363 Fell St.

ALTER dwelling, $500; 126 Miramar St.; owner, Hugh F. McGaffigan, Premises.

ALTER dwelling, $15; 1223 34th Ave.; owner, Ludwig Foge, Premises.

ALTER factory, $200; 1331 Pacific Ave.; owner, P. F. Rathjens & Sons, Prem.; contractor, A. P. Kimball, 408 Market St.

SIGN, electric, $300; 2390 Mission St.; owner, Granat Bros., Prem.; contractor, Elec. Prods. Co., 910 Harrison St.

FLUES, $50; E Holyoke 25 N Bacon; owner, S. Larsen, 365 Ashton St.; contractor, Precita Sheet Metal Works, 3119 Harrison St.

ALTER dwelling, $400; 2534 28th Ave.; owner, Jack Castleberry, Prem.

ALTER dwelling, $140; 1359 5th Ave.; owner, Mrs. Anderson, Premises; contractor, J. Atkinson, 578 Linden St.

SIGN, electric, $175; 1562 Stockton St.; owner, Paul Oneto, Prem:. contractor, Elec. Prod. Co., 910 Harrison St.

SIGN, electric, $50! 437 Sutter St.; owner, Ruud Heater, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

SIGN, electric, $50; 1431 Haight St. owner Panhandle Family Liquor Store, Prem.; contractor, American Elec. Sign Co., 1740 Eddy St.

ALTER flats, $200; 2954 Folsom St.; owner, M. Claverie, 2959 Folsom St.; contractor, J. B. Bourdieu, 2625 20th St.

FLUE, $16; 462 Clipper St.; owner, Mrs. Weatherby, 479 Clipper St.; contractor, Cortland Sheet Metal Works, 1414 Valencia St.

SIGN, electric, $150; 508 O'Farrell St.; owner, Blue Star Legion, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. South.

ALTER dwelling, $360; 1372 Geneva Ave.; owner, E. O'Brien, Prem.; contractor, Carl Frank Co., 305 Bocana St.

ALTER dwelling, $950; 2609-11-15 Bush St.; owner, B. M. Geltjen, 2008 Lyon St.

ALTER dwelling, $15; 1306 Montgomery St.; owner, Mrs. Moreno, 1306 Montgomery St.

SIGN, electric, $400; 2265 Fillmore St.; owner, Clay Theatre,Prem.; contractor, Wonderlite Neon Prods. Co., Inc., 170 Otis St.

ALTERATIONS, $299.00; 47 Estrella, Piedmont; owner, Loomis Ward, 47 Estrella Ave., Piedmont; contractor, A. J. Maha, 1018 Rose.

ALTERATIONS, $300; 911 Kingston Ave., Piedmont; owner, Mr. and Mrs. Williams, premises; contractor, Ray Towers, 2508 Benvenue Ave., Piedmont.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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13.—Public Buildings, Fire Houses and Jails
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16.—Banks, Stores and Offices
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19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Prepared
DUPLEX APT. Cost, $——
PALO ALTO, Santa Clara Co., Calif.
One-story frame and stucco duplex apartment (two 4-rm. apts.)
Owner—Dr. Moore.
Architect—A. A. Cantin, 557 Market St., San Francisco.

Contract Awarded
APARTMENTS Cost, $35,000
CARMEL, Monterey Co., Calif.
Two - story apartment building (ten apts.) whitewashed brick and chalkrock const. heavy shingle roof, fireplaces, General Electric kitchens, etc.
Owner—Mrs. Ethel P. Young, Pebble Beach.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.
Contractor—Fred. Ruhl, Russ Bldg., San Francisco and Pebble Beach.

Plans Completed
APARTMENTS Cost, $270,000
PORTLAND, Ore. NW 22nd Ave. and Davis Street.
Six - story and basement fireproof apartment bldg. (reinforced concrete construction) 61 apartments.
Owner—Mrs. Nellie Schafer.
Architect—Hubert A. Williams, Gerlinger Bldg., Portland.
Bids will be asked shortly. *

Plans Being Prepared.
APARTMENTS Cost, $——
SAN FRANCISCO. 22nd Avenue and Vicente Street.
Two-story frame and stucco apartment and store building (four 4-room apts. and two stores) steel sash, tile baths, hardwood floors.
Owner—Withheld.
Plans by Cyril Doane, 364 Bush St.

General Bids Being Taken.
ALTERATIONS, ETC. Cost, $——
SAN FRANCISCO. No. 1086 Post St.
Alterations and additions to apartment building (paint interior and exterior, plumbing, heating, refrigeration, etc.)
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Constr. Dept. of Owner.

3— CHURCHES

Contract Awarded.
CHURCH Cost, $6500
BERKELEY, Alameda Co., Cal. No. 1900 Essex Street.
One-story frame church building.
Owner—Church of New Jerusalem.
Plans by M. Manning, 92 Seventh St., San Francisco.
Contractor—W. J. Baker, 2255 Ransome St., Oakland.

PREPARING PLANS
BEVERLY HILLS, Los Angeles Co. Calif.—Architect P. P. Lewis, 1063 Westwood Blvd., West Los Angeles, is starting plans for a reinforced concrete church building in Beverly Hills for the Beverly Hills Christian Science Church. It will be of Colonial design and will contain an auditorium seating 1240 people, Sunday school rooms, offices and rest rooms.

4— FACTORIES & WAREHOUSES

PLANNED
LOS ANGELES, Cal. — Lockheed Aircraft Corp., West San Fernando Road, Burbank, contemplates erecting a new factory building on a nine-acre site at the junction of Claybourne St. and the Southern Pacific railroad, Los Angeles. According to Robert E. Gross, president of the company, between 100,000 and 125,000 square feet of floor space will be provided in the new building.

Sub-Contracts Awarded.
ADDITION Cost, $100,000
KINGSBURG, Fresno Co., Cal. Highway 99 and Mt. View Avenue.
Addition to winery (additional storage and cooperative facilities, etc.)
Owner — Muscat Cooperative Winery Assn. (C. W. Tremper).
Architect—H. R. Lake, Pacific Southwest Bldg., Fresno.
Contractor—Trewhitt-Shields & Fisher, Pacific Southwest Building, Fresno.
Roofing—Ferris-Osborne, Fresno.
Plumbing—Frank Hudson, Fresno.
Sheet Metal—L. L. Dowd, Fresno.
Lumber—Valley Lumber Co., Selma.
Hardware—Fisher-Glassford, Fresno.
Reinforcing and structural Steel—Kyle & Co., Fresno.

Planned.
PLANT Cost, $50,000
BAKERSFIELD, Kern County, Calif. Golden State Ave., 3 miles north of City Limits.
New plant comprising office building, garage, warehouse, tool racks and electrician's building.
Owner—Shell Oil Co.
Plans by Engineering Dept. of Owner 1008 W. 6th St., Los Angeles.
Mr. J. M. Peat, Purchasing Agent, 1008 W. 6th St., Los Angeles, will be in charge of the project. Further details will be announced shortly.

Additional Sub-Contracts Awarded
WAREHOUSE, ETC. Cost, $30,000
SAN FRANCISCO. N. Townsend St. W Fifth Street.
One-story Class C concrete warehouse and office building (wood trusses, wood roof, steel sash, etc.)
Owner—A. E. Sbarboro.
Architect—John Ahnden, 822 39th Ave San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Glass—W. P. Fuller Co., 300 Mission Street.
Electric—H. S. Tittle Co., 85 Columbia Square.

To Be Done by Day's Work
ALTERATIONS Cost, $40,000
SAN FRANCISCO. S.E. 20th and Illinois Sts.
Alterations to warehouse.
Owner—Bethlehem Steel Corp., premises.
Architect—Engineering Dept. of owner. *

Sub-Contracts Awarded
PRINTING PLANT Cost, $56,000
SAN FRANCISCO. Van Ness Avenue South and 13th Street.
One-story Class C printing plant with general offices (22,000 sq. ft.) concrete walls, steel frame, mill type roof construction.
Owner—The James H. Barry Co.
Consulting Structural Engineer—Jesse Rosenwald, 525 Market Street.
Contractor — Cahill Bros., 206 Sansome St., San Francisco.
Rein. Steel—W. C. Hauck, 280 San Bruno Avenue.
Structural Steel—Bethlehem Steel Co., 20th and Illinois Sts.
Roofing—Malott & Peterson, 20th and Harrison Sts.
Mill Work—Pacific Mfg. Co., Santa Clara.
Glass—W. P. Fuller Co., 301 Mission Street.
Mis. Iron — Star Orn. Iron Works, 1271 Folsom St.
Plumbing and Heating—E. Sugarman, 3624 Geary St.
As previously reported: Painting, D. Zelinsky, 165 Grove St.; Sprinklers, Grinnell Co. of the Pacific, 601 Brannan St., both of San Francisco.

CONTRACT AWARDED
WEST LOS ANGELES, Cal.—Pozzo Const. Co., 2403 Riverside Dr., awarded contract by 20th Century-Fox Film Corp., for a three-story reinforced concrete film cutting and storage bldg. to be built at the studio site, 10,260 Orton Ave., Wes Los Angeles. J. A. Orton Ave., West Los Angeles, J. A. Angeles, engineer.

BIDS WANTED
PASADENA, Cal.—Until July 2, 11 A. M., bids will be received by the Pasadena board of directors for the construction of the Copelin warehouse on Mentone Ave., Pasadena, for the Pasadena Water Dept. The structure will contain offices ,pump room, shops and a steel frame service station. The estimated cost is $91,000. Plans may be obtained at Room 319, City Hall, upon deposit of $10. Segregated bids will be taken on the following items:
(1) 650 c.y. excavation;
(2) 1064 c.y. fill;
(3a) 116 c.y. concrete in footings;
(3b) 750 c.y. concrete in walls;
(3c) 83 c.y. concrete in floors;
(3d) 26 c.y. concrete in manholes;
(4) carpenter work, lump sum;
(5a) brick work, lump sum,. property walls;
(5b) brick walls, lump sum, building trim;
(6) plastering and metal lath, lump sum;
(7) tile work;
(8) metal sash;
(9) metal doors;
(10) finish hardware;
(11) glazing;
(12) structural steel;
(13) ornamental iron;
(14) steel service station;
(15) steel metal work;
(16) bronze letters;
(17) roofing;
(18) plumbing;
(19) gasoline equipment;
(20) electrical work;
(21) pavement;
(22) wire fence;
(23) Venetian blinds;
(24) painting;
(25) machinery:
(26) steel fixtures.

Contract Awarded
SHED Cost, $6,784
OAKLAND, Alameda Co., Calif. Fifth and Kirkham Streets.
Steel freight shed.

Owner—Southern Pacific Co., 65 Market St., San Francisco.
Plans by Engineering Dept. of Owner
Contractor—Herrick Iron Works, 18th and Campbell Sts., Oakland.

Contract Awarded
WAREHOUSE Cost, $60,000
OAKLAND, Alameda Co., Cal. First and Market Streets.
One-story steel frame warehouse.
Owner—Howard Terminal.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland.

Sub-Contracts Awarded
ADDITION Cost, $20,000
SAN FRANCISCO. Carroll and Newhall Streets.
Addition to present plant.
Owner—Pacific Can Co., Williams and Newhall Streets.
Architect—Hyman and Appleton, 68 Post Street.
Contractor—Jacks & Irvine, 620 Market Street.
Steel Sash—Detroit Steel Prod. Co., 111 Sutter Street.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard Street.
Structural Steel—Schrader Iron W'ks, 1247 Harrison Street.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Avenue.
Glass—W. P. Fuller & Co., 301 Mission Street.

Plans Being Completed.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. E-14th Street and 105th Ave.
Alterations to automobile assembly plant.
Owner—Chevrolet Motor Company.
Plans by Engineering Dept. of Owner.
Bids will be asked in about two weeks.

Low Bidder
FACTORY Cost, $30,000
SAN FRANCISCO, Brannan & Langton Streets.
One-story and basement reinforced concrete factory (145x75 feet).
Owner—H. Moffatt Co., Third and Arthur Sts., San Francisco.
Structural Engineer—Jas. Smith, 251 Kearny Street.
Low Bidder: H. E. Rahlmann, 251 Kearny Street.

6—GARAGES & SERVICE STATIONS

Planned.
SERVICE STATION Cost, $7000
LODI, San Joaquin Co., Calif. SE School and Walnut Streets.
Super service station.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.

Plans Being Figured—Bids Close July 1, 8 P. M.
BUS SHED Cost, $10,000
TURLOCK, Stanislaus Co., Cal. High School Campus.
One-story reinforced concrete bus shed (accommodate 9 cars).
Owner — Turlock Union High School District.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Plans and specifications may be obtained from the architect upon deposit of $25.

Contract Awarded.
SERVICE STATION Cost, $3000
SAN FRANCISCO. NW Geneva Ave. and Mission Street.
New service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Architect—R. R. Irvine, 2048 Market St., San Francisco.
Contractor—Cresta Bros., Premises.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. N Haight St., bet. Stanyan and Shrader Sts.
Alterations to service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Michel & Pfeffer Iron Works, 1415 Harrison St., San Francisco.

Contract Awarded.
GARAGE Cost, $10,000
STOCKTON, San Joaquin Co., Calif. 907 North Wilson Way.
One-story public garage.
Owner—F. J. Wilson.
Architect—Not Given.
Contractor—J. F. Watson, 3 E. Walnut St., Stockton.

LOW BIDDER
YERBA BUENA, Calif.—Frederick W. Snook Co., 596 Clay St., at $2,639 submitted low bid to Bureau of Yards and Docks for construction of gasoline station at Yerba Buena Island. Second low bid was submitted by F. J. Early, Jr., San Francisco, at $3,176.

Contract Awarded.
SERVICE STATION, ETC. Cost, $8000
PASO ROBLES, San Luis Obispo Co., Cal. 13th and Spring Sts.
Reconstruction of tire service building and service station.
Owner—B. H. Davis, Paso Robles.
Architect—Not Given.
Contractor—Harman Pacific Co., 422 E-Third St., Los Angeles.

Plans Completed.
SERVICE STATION Cost, $10,000
SAN FRANCISCO. California and Steiner Streets.
Steel service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Ownr.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
TUCSON, Arizona—L. M. Hart, 1441 Blackridge Drive, Tucson, Ariz., at $662 awarded contract by Treasury Department for exterior painting and repairs to U. S. Post Office, Tucson, Arizona.

CONTRACT AWARDED
SEATTLE, Wash.—Acme Ornamental Metal Works, 1327 Rainier Ave., Seattle, at $1506 awarded contract by Treasury Department for metal bar enclosures, etc., at the Immigration Station and Assay Office in Seattle.

Plans Complete
POST OFFICE Cost, $458,000
SAN DIEGO, San Diego Co., Calif. E and F Streets and 8th and 9th Avenues.
Two-story and basement reinforced concrete post office building (terra cotta trim, marble and bronze lobby, driveways, basement work room, etc.)
Owner—United States Government.
Architect—William T. Johnson, 1500 San Diego Trust & Savings Bank Bldg., San Diego.
Plans have been forwarded to the Treasury Dept at Washington for approval.

BIDS WANTED
ALCATRAZ ISLAND, Cal.—Until June 23, 2 P. M., bids will be received by the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, for furnishing and laying linoleum floors in designated rooms in certain buildings on Alcatraz Island. Invitation No. 700.
Specifications may be obtained from above office.
Bids will be opened in Room 214, Post Office Bldg., San Francisco

Complete Bids.
POST OFFICE Cost, $——
WATSONVILLE, Santa Cruz Co., Cal. U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Low Bidder — Carl N. Swenson, 355 Stockton Ave., San Jose.
Complete bids follow:

C. M. Swenson Co., San Jose	$ 86,000
W. E. Parker Co., S. F.	89,752
A. Nelson, Inc., S. F.	93,748
C. L. Wold Const. Co., S. F.	97,500
Wesco Const. Co., L. A.	100,000
L. F. Dow Co., L. A.	111,761
Monolith Const. Co., L. A.	112,222

Bids held under advisement.

BIDS WANTED
PORTERVILLE, Tulare Co., Cal.—Until June 24, bids will be received by the Purchasing Agent, Post Office Dept., Washington, D. C., for furnishing and installing venetian blinds in the U. S. post office, Porterville.

AWARDS APPROVED
SALINAS, Monterey Co., Calif.—Treasury Department approved award to Revere Brass & Copper Co. for copper water supply pipe for the U. S. Post Office being constructed in Salinas. Frank J. Reilly, 6350 Fulton St., San Francisco, general contractor.

CONTRACT AWARDED
STOCKTON, San Joaquin Co., Cal.—Public Builders & Contractors, Bronx, New York, at $497 awarded contract by Treasury Department for furnishing and installing insect screens and window ventilators in the U. S. Post Office, at Stockton.

AWARDS APPROVED
SAN RAFAEL, Marin Co., Calif.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at San Rafael. Leo Epp, 4745 Geary Blvd., San Francisco, general contractor.
Pressure reducing valve on water supply, Charles M. Bailey Co.; backwater valve, Josam Mfg. Co.; gas burning water heater, American Gas Products Corp.; indirect oil heater, Bell & Gossett Co.; hanger, Grabler Mfg. Co.; inserts, Grabler Mfg. Co.

BIDS OPENED
ELKO, Nevada.—Arthur M. Gelden, Chicago, at $893 submitted low bid to Treasury Department for painting the plaster, etc., at the Elko post office.
Complete bids follow:

Arthur M. Gelden, Chicago	$ 893
Patterson Bros., Oakland	1180
Raphael Co., San Francisco	1300

Bids held under advisement.

CONTRACT AWARDED
PUGET SOUND, Wash.—Montgomery Elevator Co., Moline, Ill., at $4,344 awarded contract by the Bureau of Yards and Docks, Navy Department, for furnishing and installing a freight elevator for Building No. 104 at Puget Sound.

BIDS WANTED
SAN FRANCISCO.—Until June 26, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for furnishing and delivering certain laboratory furniture and equipment to the U. S. Federal Office Bldg., San Francisco. Plans and specifications may be obtained from above office and from the Custodian of the Building.

CONTRACT AWARDED

POINT ARENA, Mendocino Co., Calif.—E. J. Horiup, Petaluma, at $4,913.26 awarded contract by War Department for plumbing and heating system at the Coast Guard Station, Point Arena.

CONTRACT AWARDED

LOS ANGELES, Cal.—Los Angeles Wrecking Co., Los Angeles, at $4,944 awarded contract by Treasury Department for clearing site and erecting a fence at the post office and courthouse site in Los Angeles.

BIDS OPENED

SAN FRANCISCO, Calif. — A. D. Collman, 666 Mission Street, at $21,770 submitted low bid to Andrew Forchy, Associate Civil Engineer, Room 219, Administration Bldg., Government Island, for converting life saving building at Fort Funston into radio operating building grading and removing building, trees, shrubs, walls, etc., and for sound insulation of the radio room.

Only other bid was submitted by the Sherwood Building Company, at $22,300.

Bids held under advisement.

BID OPENING POSTPONED

SUMMIT, C. Z.—Until July 15, 11 A. M. (date postponed from July 8) bids will be received by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for the construction of facilities building; four quarters, refrigeration system in the barracks building and roads and walks at the Naval Radio Station, Summit, C. Z. Est. cost, $140,000. Spec. No. 7890.

The work includes concrete, brick and hollow tile, steel and iron work, tile and built-up roofing, sheet metal work, steel windows, metal and metal covered doors, metal studding, and lathing; plaster and stucco, marble and tile work, carpentry and joinery; metal and wood screens; water distribution, and sewage; plumbing, refrigeration and electric work, and bituminous macadam roads.

Plans and specifications may be obtained from above office upon deposit of $30.00.

9— HOSPITALS

Contracts Awarded

ADDITION Cost, $143,785

CAMARILLO, Ventura Co., Cal. State Hospital.

Addition of Units 12 and 13 at State Hospital (addition to dining room and hall and new one-story industrial building) reinforced concrete construction, metal sash, tile roof, etc.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building.

General Work—Los Angeles Contracting Co. and C. G. Wopschall, 4816 Sacramento.

W. Pico Blvd., Los Angeles, $112,465.

Heating and Ventilating—Scott Co., 243, Minna St., San Francisco, $8,678.

Electric—Seaside Electric Co., 97 S. Oak St., Ventura, $7255.

Plumbing—Scott Co., 243 Minna St., San Francisco, $15,387.

Complete bids published June 10.

Plans Completed.

ADDITION Cost, $35,000

AUBURN, Placer Co., Calif.

One-story reinforced concrete ward addition to county hospital (80-bed ward) composition roofing, steel sash, steam heating system.

Owner—County of Placer.

Architect — W. E. Coffman, Forum Bldg., Sacramento.

Bids will be asked about July 1.

Plans Being Completed

NURSES' HOME AND KITCHEN Cost, $20,500

SPRINGVILLE, Tulare Co., Cal. Tulare-Kings Counties Joint Tubercular Sanitarium.

Frame and stucco nurses' home and frame and stucco kitchen.

Owner—County of Tulare.

Architect—Ernest Kump, Rowell Bldg. Fresno.

Bids will be asked shortly.

Plans Completed

ADDITION Cost, $12,000

MONTEREY, Monterey Co., Calif.

One-story frame and stucco indigents barracks (to accommodate 24 indigents and 6 employees).

Owner—County of Monterey.

Architect—Charles Butner, 51 Maple St., Salinas.

Upon approval of plans by the PWA bids will be asked.

BIDS OPENED

LIVERMORE, Alameda Co., Cal.—George Swanstrom, 1615 78th Ave., Oakland, at $10,408 submitted low bid to Veterans Administration Facility, Livermore, for alterations to Building No. 46, at the Veterans Administration Facility, Livermore. Work includes excavation, carpentry, masonry, concrete work, plastering, roofing, plumbing, heating and electrical work.

Complete bids follow:

George Swanstrom, Oakland	$10,408
C. M. Norgrove, Berkeley	11,175
John E. Branagh, Oakland	11,600
Reed & Reed, S. F.	12,000
Villadsen Bros., S. F.	12,250
W. K. Van Bokkelen, Oakland	13,500

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES, Cal.—Concrete Engineering Co., 1450 Mirasol St., Los Angeles, awarded contract by Los Angeles County Supervisors at $16,616, for screening of exterior windows of Acute Unit, General Hospital; Spec. 363 of 1936.

10— HOTELS

Contracts Awarded.

ALTERATIONS Cost,$50,000

CHICO, Butte Co., Cal. Second and Salem Streets.

Alterations and additions to hotel (add fifty bath rooms, 90 tubs; repair foundations, etc.)

Owner—Hotel Oaks, Chico.

Architect—G. N. Hilburn, 1213 I St., Modesto.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plumbing—Hanson's, Modesto.

Cooling System—General Electric Co., Russ Bldg., San Francisco.

Other awards will be made shortly.

COMPLETING PLANS

NEAR LA VEGAS, Nevada—Architects Wilson, Merrill & Alexander, 549 Petroleum Securities Bldg., Los Angeles, are completing plans and specifications for a hotel project to be built on a 880-acre tract located three miles from Las Vegas, for Boulder Dam Hotel Corp., owner, % Harry J. Wiesler, Bank of America Bldg., San Diego. The hotel building will be of Spanish style architecture and the facilities will include a casino, dining room, outdoor patio, spa with swimming pool, and five individual guest houses with air conditioning throughout all the structures. A race track and golf course is contemplated for construction after completion of the hotel buildings. The cost of the project is estimated at $2,500,000. The following men will head the corporatoin; Harry Wiesler, president; Robert Foehl, vice president; Harlan Sperbeck, treasurer; Sam Porter and Travis Rogers, directors.

Plans Being Completed.

HOTEL Cost, $——

SAN RAFAEL, Marin Co., Calif. Grand, Belle and Watt Aves.

Four-story Class A frame and reinforced concrete hotel building; two ball rooms, cocktail rooms, reinforced concrete swimming pool, tennis courts, garage in sub-basement, etc.

Owner—Hotel Rafael Corporation.

Architect—Andrew B. Talbot and H. C. Baumann, Associated, 251 Kearny St., San Francisco.

Bids will be asked in two weeks.

12— POWER PLANTS

BIDS WANTED

ORTING, Wash.—Until June 23, 3 P. M., bids will be received by Olaf L. Olsen, Director, Department of Finance, Budget and Business, Olympia, Washington, for the construction of a power house and stack for the State Soldiers' Home near Orting.

Plans and specifications may be obtained from Architect E. J. Bresemann, Perkins Bldg., Tacoma.

LOW BIDDERS

ALCATRAZ, Calif.—Walter S. Leland, Walnut Creek, submitted low bid to Department of Justice, Washington, D. C., for alterations and additions to power plant at the U. S. Penitentiary, Alcatraz Island. Spec. No. 843, Schedule 1164.

Low bids follow:

(1) Removal 3 old boilers and brick work;
(2) Installation of two new boilers;
(3) Brick setting for two new boilers and reseting one old boiler;
(4) Soot blowers for two new boilers;
(5) Draft regulators;
(6) Feed water regulatros and pump governors;
(7) Piping;
(8) Meters;
(9) Boiler feed pump.

Walter S. Leland, Walnut Creek	(1)	$ 850
	(2)	11,970
	(3)	10,830
	(5)	1,270
	(7)	5,180
	(9)	1,770
Logan Sootblowers Co., Dubois, Penna.	(4)	1,140
Bailey Meter Co., Cleveland, Ohio	(6)	496
	(8)	2,580

Complete bids will be published shortly.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Planned.

MEMORIAL Cost, $20,000

PORTOLA, Plumas Co., Calif.

New war memorial bldg. (auditorium, dance floor, banquet hall, kitchen and club rooms).

Owner—County of Plumas.

Architect—Not Selected.

Funds will be provided through levy of one mill tax on Plumas County property.

Further details will be announced at a later date.

14— RESIDENCES

Contract Awarded.

RESIDENCE Cost, $7000

CONTRA COSTA CO. Cal. — Orinda District, Moraga Road, ¾ mile from Junction on Walnut Creek Highway.

One and one-half-story frame and stucco residence (6 rooms and 2

baths) tile roof, steel sash, plank and oak floors, tile baths, oil burning hot air heating system, etc.
Owner—Herbert Hauser.
Architect—Guy L. Brown, American Bldg., Oakland.
Contractor — S. Dether, 4763 South Crest Ave., Castro Valley, Hayward.

Owner Taking Bids
DUPLEX RESIDENCE Cost, $8,000
STOCKTON, San Joaquin Co., Calif.
Two story and basement frame and stucco residence (one 6-room and one 5-room dwelling) shake roof, gas heating system, wood sash, hardwood floors, tile bats, etc.
Owner—B. G. Belew, 138 E. Cleveland, Stockton.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Owner Taking Bids.
RESIDENCE Cost, $4000
LOS ALTOS, Santa Clara Co., Calif.
One-story frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, tile floors in baths, tile drainboards, etc.
Owner—C. McGill, Olympic Hotel, San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,654
CENTERVILLE, Alameda Co., Calif. No. 140 Thornton Street.
Two-story frame and stucco residence
Owner—Judge Allen G. Norris.
Architect—Birge and David Clark, 810 University Ave., Palo Alto.
Contractor—R. A. Griffin, 682 Fairview Ave., Oakland.

Plans Being Completed
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Calif. 5339 Trask Street.
Two - story and basement frame and stucco residence (10 rooms and 4 baths) tile roof, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. A. Lyle Winslow, % architecta.
Architect—Hertzka and Knowles, 369 Pine St., San Francisco.
Bids will be asked in about 1 week.

Being Done By Day's Work By Owner
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. 1161 Forest Avenue.
Two - story frame, stucco and brick veneer residence.
Owner and Builder—E. P. Erwen, 1342 Sherman St., Palo Alto.
Architect—Farr & Ward, 68 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $6,500
PALO ALTO, Santa Clara Co., Calif. 36 Churchill Avenue.
One - story and basement frame and stucco residence.
Owner—Frank L. Crist, 346 Portola Ave., Palo Alto.
Architect—Not Given.
Contractor—A. A. Smith, 135 Byron St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Calif. 358 Dana Avenue.
Two-story frame and stucco residence
Owner—E. T. and Alma Dana, 1202 Guinda St., Palo Alto.
Architect—Not Given.
Contractor—John Christiansen, 1028 High St., Palo Alto

Plans Being Prepared.
RESIDENCE Cost, $7,500
BURLINGAME HILLS, San Mateo Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths) shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be asked in about 3 weeks.

Low Bidder
RESIDENCE Cost, $8,000
BAYWOOD, San Mateo Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas heat, system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Low Bidder—R. A. White, 744 Crossway Road, Burlingame.

Sub-Bids Being Taken.
RESIDENCE Cost, $6,500
SAN FRANCISCO. Russian Hill.
Two - story and basement frame and stucco residence (6 rooms and 3 baths) slate and composition roofing, wood sash, hardwood floors, tile baths, etc.
Owner—Wilburn Woodruff.
Plans by Cyril Doane, 364 Bush St.
Sub - bids are being taken by Mr. Doane.

Plans Being Prepared.
RESIDENCE Cost, $17,000
SAN FRANCISCO. Seacliff District.
Two - story and basement frame and stucco residence (7 rooms and 3 baths) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Plans by Cyril Doane, 364 Bush St.

Sub-Bids Being Taken.
RESIDENCES Cost, $——
SAN FRANCISCO. West of Junipero Serra Boulevard.
Twelve 1½-story frame and stucco residences (6- and 7-rooms and 2 baths) mineral shingle and tile roofs, gas heating systems, wood sash, hardwood floors, tile baths, canvas walls, etc.
Owner & Builder—Stoneson Brothers, 1630 Ocean Ave., San Francisco.
Architect—Harold Stoner, 41 Sutter St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $6500
SANMATEO, San Mateo Co., Calif. Aragon Tract.
One-story and basement frame and stucco residence (6 rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner—Geo. W. Williams Co., 315 Primrose Road, Burlingame.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Construction Postponed Indefinitely.
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Cal. Taylor Tract.
Two - story and basement frame and stucco residence (7 rooms and 3 baths) tile roof, gas heating system, hardwood floors, tile baths.
Owner—John Rowell.
Architect — Clarence Mayhew, 6026 Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $7000
SAN MATEO, San Mateo Co., Calif. No. 826 Edgewood Ave.
Two-story frame and stucco residence
Owner—Mr. Judson.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Contract Awarded.
RESIDENCE Cost, $8500
SAN MATEO, San Mateo Co., Calif. No. 209 Grinnell St.
Two-story frame and stucco residence
Owner—Charles Oaghe.
Architect—Not Given.
Contractor—J. Bettencourt, 422 San Anselmo Ave., San Bruno.

Plans Being Figured
RESIDENCE Cost, $——
LOS GATOS, Santa Clara Co., Calif.
Two-story frame, stucco residence six rooms. (Tile roof, gas heating system, hardwood floors, etc.)
Owner—Fred Oehler, American Trust Co., San Jose.
Architect—Binder & Curtis, 25 W. San Carlos St., San Jose.

Low Bidder
RESIDENCE Cost, $——
SANTA ROSA, Sonoma County, 2 mi. south of town.
Monterey type residence, 4 rooms, 1 bath, hardwood floors, circulating heat, fireplace, knotty pine walls in living room and kitchen, redwood shingle roof and redwood siding.
Owner—Mr. and Mrs. W. L. Rudy.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder: Walter Proctor, 12 W. 10th St., Santa Rosa.

Contract Awarded.
RESIDENCE Cost, $7500
BURLINGAME, San Mateo Co., Calif. No. 1540 Carol Avenue.
Two-story frame and stucco residence
Owner—Frederick Seltz.
Architect—Not Given.
Contractor — C. H. Bessett Building Co., 826 Walnut St., Burlingame.

Contract Awarded.
RESIDENCE Cost, $8500
BURLINGAME, San Mateo Co., Calif. Lot 10 Blk 1, Walnut Street.
Two-story frame and stucco residence
Owner—E. E. Anderson, 1508 Sherman St., Burlingame.
Architect—Not Given.
Contractor—Gordon Hess, 1446 Burlingame Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $——
SONORA, Tuolumne Co., Calif.
Two-story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, steel sash, oil heating system, hardwood floors, tile baths, etc.
Owner—Mr. Restano.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—Cotner Tomnitz & King, Rt. 4, Box 1209, Modesto.

Plans Being Figured.
RESIDENCE Cost, $——
SAN FRANCISCO. Sanchez Street.
Three-story frame and stucco residence (6 rooms, 1 bath, powder room, 2 separate lavatories, etc.) Spanish style, hand-made terra cotta tile roof, hot air heating system, canvas walls, steel and wood sash, Philippine mahogany trim, plank flooring, fireplace in social hall and bar, solarium on roof, tile stall showers, etc.
Owner—T. A. White.
Architect—Oscar R. Thayer, 110 Sutter Street, San Francisco.

Contract Awarded
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. Euclid Avenue.
Two-story frame and stucco residence (6 rooms) shingle roof, gas warm air heating system, wood sash, hardwood floors, etc.
Owner—H. J. Baker, 625 17th Street, Merced.
Architect—B. Reede Hardman, 2068 Allston Way, Berkeley.
Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.

Plans Completed
RESIDENCES Cost, $6,000 each
SACRAMENTO, Sacramento Co., Cal. So. Sacramento (Riverland Tract).
Four two-story frame and stucco residences (6 rooms, 2 baths each) California-Coloial type; shake roof gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—River Land Park Realty Co., Sacramento.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Preparing Working Drawings.
RESIDENCE Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. College Park.
Two-story brick and wood residence (11 rooms, 4 baths) slate roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Contract Awarded
RESIDENCES Cost, $13,500
MILL VALLEY, Marin Co., Calif.
Three 1-story frame and stucco residences (4 rooms each) shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Mr. Rabino, care architect.
Architect—D. E. Jaekle, 129 Post St., San Francisco.
Contractor—A. C. Lindgren, 346 Lowell St., San Francisco.

Plans Being Completed
RESIDENCE Cost, $5,500
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
1½-story frame and stucco residence (6 rooms) tile roof, gas heating system, wood sash, hardw'd floors tile bath, etc.
Owner and Builder—John M. Johnson 1215 aCstro St., San Francisco.
Architect—D. E. Jaekle, 129 Post St., San Francisco.
Sub-bids will be taken within one week.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. E 46th Avenue 200 S Taraval Street.
Two - story and basement frame and stucco residence.
Owner—Charles H. Donaldson, 2325 Ocean Avenue.
Architect—Harold Stoner, 41 Sutter.
Contractor—B. G. Van Aalst, 401 West Portal Avenue.

Contract Awarded.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. No. 435 Santa Rita Avenue.
Two-story frame, stucco and brick veneer residence.
Owner—J. N. Blair, 1550 Waverly St., Palo Alto.
Architect—Leslie Nichols, 5 3 2 Emerson St., Palo Alto.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $14,000
PIEDMONT, Alameda Co., Calif. St. James Wood.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.; Early California Spanish type.
Owner—Withheld.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland.

Contract Awarded.
RESIDENCE Cont. Price, $8323
SAN FRANCISCO.
One-story and basement frame and stucco residence (six rooms and 2 baths) English type; composition shingle roof, gas heating system, wood sash, colored tile, plumbing fixtures, plank floors, etc.
Owner—Withheld.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
Contractor — Adolph Anderson, 230 Hazelwood Ave., San Francisco.
Complete bids follow:
Adolph Anderson, San Francisco..$8323
C. Sandeen, Oakland..... 8500
R. Paratorie, S. F..... 8790
Peter Sartorio, S. F..... 9255

Plans Being Figured
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co. Cal.
Two - story and basement frame and stucco residence (wood roof, hot water heating system, wood sash oak floors, tile baths, etc.)
Owner—W. W. Holt.
Architect—James Mitchell, 369 Pine St., San Francisco.
Bids are being taken from a selected list of contractors.

Contract Awarded
RESIDENCE Cost, $7,386
ROSS, Marin Co., Calif. Del Mesa Tract.
One-story frame and stucco residence
Owner—Harold Brumfield, Willow Avenue, Ross.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
MENLO OAKS, San Mateo Co., Cal. Ringwood Road.
Two-story frame and stucco residence
Owner—P. Dodson Jr.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto.

Contract Awarded.
RESIDENCE Cost, $7500
SACRAMENTO, Sacramento Co., Cal. No. 1164 Markham Way.
Owner—A. C. Hoover, 1656 49th St., Sacramento.
Architect—Not Given.
Contractor—Leonard Lund, 3240 I St., Sacramento.

Contract Awarded
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. 570 Center Street.
Two - story frame, stucco and brick veneer residence.
Owner—L. M. Peterson, 520 Bowdoin St., Palo Alto.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—L. G. Frykman, Willow Road, North Palo Alto.

Contract Awarded
RESIDENCE Cost, $7,500
PIEDMONT, Alameda Co., Calif. 506 Scenic Avenue.
Two-story frame and stucco residence (six rooms).
Owner—Paul Waddell. 2827 E 23rd St., Oakland.
Architect—Not Given.
Contractor—Paul H. Haller, 6221 Buena Vista Ave., Oakland.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
AN FRANCISCO. W Seventeenth Ave. S Moraga and E 18th Ave. S Morgaa Street.
Two one-story and basement frame and stucco residences.
Owner & Builder—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given

Plans Being Prepared.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd
Two-story frame and stucco residence (6 rooms) shake roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner and Builder—Randolph Parks, 1847 Yosemite St., Berkeley.
Architect—Edwin Lewis Snyder, 2101 Addison St., Berkeley.

Plans Being Figured.
RESIDENCE Cost, $8500
BERKELEY, Alameda Co., Cal. Keeler Avenue.
Two-story frame, stucco and brick veneer residence, (7 rooms) shake roof, steel sash, hardwood floors, tile baths, etc.
Owner—F. W. Hiatt.
Architect—Edwin L. Snyder, 21001 Addison St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Cal. Taylor Gardens.
Two-story frame and stucco residence (10 rooms, 3 baths) tile roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Fred Wolfe.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Contractor—A. T. Beckett, 315 14th St., Oakland.

Sub-Bids Being Taken
Calif.
RESIDENCE Cost, $7187
EMERALD LAKE, San Mateo Co.
Two-story timber and brick veneer residence (6 rooms, 3 baths) terra cotta tile roof, entire interior of mahogany finish, hardwood floors, tile baths, etc.
Owner—E. A. Michel.
Architect—Carl Geilfuss, 1095 Market St., San Francisco.
Contractor—Emil G. Steinegger, 371 Alameda de las Pulgas, Redwood City.

Plans Being Completed.
RESIDENCE Cost, $5500
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One-story and basement frame and stucco residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—Frank Ferrea, 712 Fifth Ave., San Mateo.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Sub-bids will be taken in one week.

To Be Done By Day's Work
RESIDENCES Cost, $3,500 each
OAKLAND, Alameda Co., Calif. 3242-48-54 Arkansas Street.
Three one-story and basement frame and stucco residences (five rooms each).
Owner and Builder—Weldon H. Warren, 3044 Dakato St., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $4,000 ea.
SAN FRANCISCO. N. Garfield Ave. E Head St.
Three one-story and basement frame and stucco residences.
Owner—R. Van Der Beets, 1401 Ocean Avenue.
Architect—Not Given.
Contractor—Aetna Const. Co., 1730 24th Avenue.

Bids In—Held Under Advisement.
RESIDENCES Cost, $——
SAN FRANCISCO.
Two 2-story and basement frame and stucco residences.
Owner—H. E. Fisher and L. E. Goodman.
Architect—Hyman & Appleton, 68 Post Street.
Announcement will be made within a few days.

Contract Awarded
RESIDENCE Cost, $5,000
HAYWARD, Alameda Co., Cal. Main Street.
One-story frame and rustic residence (6 rooms, 2 baths) tar and gravel roofing, gas heating system, wood sash, hardwood floors, tile baths.
Owner—E. S. Kenyon.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Contractor—Skovmand & Lewis, 729 E. 18th St., Oakland.

Plans Being Figured—Bids Close June 22, 8 P. M.
RESIDENCE Cost,$——
HAYWARD ,Alameda Co., Calif.
One-story frame and rustic residence (5 rooms) shingle roof, gas furnace, wood sash, hardwood floors tile bath, etc.
Owner—Harvey Darneal.
Architect — George P. Simonds, 80 Main St., Hayward.

Sub-Bids Wanted.
RESIDEINCES Cost, $4500 each
SAN RAFAEL, Marin Co., Calif. Belle Avenue.
Ten one-story and basement frame and stucco residences (5 rooms each) asphalt shingle roofing, gas heating systems, wood sash, hardwood floors, tile baths, etc.
Owner—Lang Realty Co., 39 Sutter St., San Francisco.
Architect—Harold Stoner, 41 Sutter St., San Francisco.
Contractor—Sherwood Building Co., 39 Sutter St., San Francisco.
Sub-bids are wanted on all portions of the work.

Sub-Bids Being Taken.
RESIDENCE Cost, $12,000
SAN FRANCISCO. Marina Blvd. 100 E Fillmore Street.
Two-story and basement frame and stucco residence (7 rooms and 2 baths) composntion roofing, steam heating system, oak floors, canvas walls, tile baths, wood sash, plate glass shower doors, wrought iron grilles and stairways, etc.
Owner—Ben Liebman, 3319 Fillmore St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Calif. Arlington Acres.
Two-story and basement frame and rustic residence (shake roof, air conditioning system, hardwood floors, etc.
Owner—George Prifold, Jr.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Oakland.

Low Bidder.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. Arch Street.
One-story rustic residence (5 rooms) tar and gravel roof, gas heating system, wood sash, etc.
Owner—Mr. Lahey.
Architect—Geo. P. Simonds, 80 Main Street, Hayward.
Low Bidder — Albert Haskell, 255 Ridgway Ave., Oakland.
Bids held under advisement.

Contract Awarded.
RESIDENCE Cost, $10,165
ATHERTON, San Mateo Co., Calif. Selby Lane.
One-story frame, stucco and brick residence.
Owner—Sidney Herzog.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor — Arthur Payne, Upland Rd., Redwood City.

Plans Being Figured—Bids Close June 23, 5 P.M.
RESIDENCE Cost, ——
SAN FRANCISCO. Sanchez Street.
Three-story frame and stucco residence (6 rooms, 1 bath, powder room, 2 separate lavatories, etc.) Spanish style, hand-made terra cotta tile roof, hot air heating system, canvas walls, steel and wood sash, Philippine mahogany trim, plank flooring, fireplace in social hall and bar, solarium on roof, tile stall showers, etc.
Owner—T. A. White.
Architect—Oscar R. Thayer, 110 Sutter Street, San Francisco.

15— SCHOOLS

PREPARING PLANS
SAN LUIS OBISPO COUNTY, Cal. —Architects A. R. Walker and P. A. Eisen, 708 Pacific Bldg., Los Angeles, are preparing plans for a school auditorium, 54x98 feet in area, to be built at Templeton, San Luis Obispo County, for the Templeton Union High School District.

BIDS WANTED
ARROYO GRANDE, San Luis Obispo Co., Calif.—Until June 26, 8 P. M., bids will be received by the Arroyo Grande Union High School District, San Luis Obispo county, for a gymnasium and boys' and girls' locker rooms to be built at the high school in Arroyo Grande. Plans and specifications may be obtained from the clerk of the school board or from the architects, A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, upon deposit of $20.

BONDS DEFEATED
CITRUS HEIGHTS, Sacramento Co. Cal.—Sylvan School District defeated bond issue June 15, proceeds of which were to have financed construction of an addition to the school in Citrus Heights. Mrs. Itha Leonard is clerk of the school board.

BIDS OPENED
SAN FRANCISCO, Calif. — M. E. Vukicevich, 666 Mission Street, at $3,593, submitted only bid to Department of Public Works under Spec. No. 4159, for laying of floors at Longfellow School, Morse and Lowell Sts. Estimated cost, $4,000.
Work involves removing all wooden floors on first and second stories and replacing with flooring 1⅛-in. thick by 3¼-in. face.
Bid held under advisement.

Bids Wanted—To Close June 26, 10 A. M.
SCHOOL Cost, $35,000
COLUMBIA, Tuolumne Co., Calif.
One-story reinforced concrete grammar school (3 classrooms and auditorium to seat 300).
Owner — Columbia Grammar School District.
Architect— William Mooser, Monadnock Bldg., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $20.

BIDS WANTED
SAN FRANCISCO—Until June 24, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for exterior painting of Lowell High School. Estimated cost $2900. Spec. No. 4200.
Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall. No deposit required.

Low Bidder.
ADDITION Cost, $12,633
PORTERVILLE, Tulare Co., Calif.
Two-room addition to high school building (reinforced concrete construction).
Owner—Porterville Union High School District (B. B. Krelder, Clerk).
Architect—W. D. Coates, 626 Rowell Bldg., Fresno.
Low Bidder—R. P. Moore, 3662 Verrue Ave., Fresno, $12,633.77.
Bids held under advisement.

Bids Wanted — To Close June 30, 8 P. M.
ADDITION Cost, $——
CENTERVILLE, Alameda Co., Calif.
ADDITION to High School (add visual Education Room and agricultural room to main building and enlarge shop building).
Owner—Washington Un. High School District (H. F. Harrold, Clerk).
Architect — Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Plans and specifications may be obtained from the Clerk and from the architect upon deposit of $10.

Contract Awarded
SCHOOL Cont. Price, $24,546
SALINAS, Monterey Co., Calif. East of Salinas.
One - story frame and stucco elementary school (four classrooms) flat roof.
Owner — Salinas Elementary School District.
Architect—Charles Butner, 630 Pajaro Street, Salinas.
Contractor — Albert Staton, 132 Oak Street, Salinas.
Complete bids follow:
(1) add for tile work in toilet rooms;
(2) add for tile work in toilet rooms;
(3) add for linoleum in corridor floors
(4) deduct for omitting plaster molds;
(5) deduct for changing from metal lath to grip lath;
(5) for completing within 55 days.

Albert Staton, Salinas		$24,111
	(1)	525
	(2)	600
	(3)	220
	(4)	125
	(5)	785
	(6)	850
Hughey Hughes, Salinas		$25,375
	(1)	839
	(2)	664
	(3)	200
	(4)	231
	(5)	1,255
	(6)	1,546
W. J. Charters, Salinas		$25,751
	(1)	540
	(2)	600
	(3)	231
	(4)	150
	(5)	1,305
	(6)	700
P. T. Wallstrom, Watsonville		$26,890
	(1)	600
	(2)	790
	(3)	169
	(4)	225
	(5)	375
	(6)	--
Harold Geyer, Monterey		$27,745
	(1)	415
	(2)	611
	(3)	141
	(4)	50
	(5)	608
	(6)	2,000

Alternates one to five inclusive were accepted.

BIDS WANTED
COALINGA, Fresno Co., Cal.—Until June 24, 7 P. M., bids will be rereceived by Annie Cheney, Clerk, Coalinga Elementary School District, for furnishing and installing one complete gas furnace for the elementry school in Coalinga. Furnace to be duct type, Model U9, as manufactured by Pacific Gas Radiator Co. or

equal, each furnace to have input rating of 300,000 BTU, to be equipped with Model V29 Safety Pilot control, to have the multitubular type of burner and a constant burning blue flame pilot and a cast iron fire box.

BIDS WANTED

SAN FRANCISCO—Until June 24, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for interior painting of Fairmount School, Randall and Chenery Streets. Estimated cost, $2200. Specifications No. 4198.

Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall. No deposit required.

BIDS WANTED

SAN FRANCISCO.—Until June 24, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for interior and exterior painting of the Galileo High School. Estimated cost $7500. Spec. No. 4199.

Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall. No deposit required.

Preparing Working Drawings

GYM, SHOP, Etc. Cost, $50,000
COVELO, Mendocino Co., Calif.
One-story gymnasium building, one-story shop building and small auditorium (frame and stucco construction).
Owner — Round Valley High School District.
Architect—C. A. Caulkins, Rosenberg Bldg., Santa Rosa.

BIDS REJECTED

KENTFIELD, Marin Co., Cal.—Marin Junior College District rejected all bids for the construction of certain bleachers to be erected on the athletic field of the Junior College at Kentfield

Complete bids follow:

A. H. Siemer, San Anselmo..... $ 8,393
DeLuca & Son, San Francisco.. 9,398
Hannah & Wooldridge, S. F..... 10,463

Whether or not new bids will be asked is not determined at this time.

BIDS WANTED

KINGSBURG, Fresno Co., Cal.—Until June 29, 8 P. M., bids will be received by Ewald A. Larson, Clerk, Kingsburg Joint Union High School District, for furnishing and delivering building materials as follows:

Sand, gravel, cement, reinforcing steel, lumber, plywood, roofing, plastering materials, metal partitions, plumbing fixtures, paints, steel sash, glass, etc. Materials to be used in the construction of shower and dressing rooms to be located on the High School Site in Kingsburg.

Specifications may be obtained at the office of the High School, Kingsburg.

Bids Wanted—To Close June 30, 8 P. M.

ADDITIONS Cost, $15,000
AUBERRY, Fresno Co., Calif.
Additions to high school (frame and stucco construction) locker rooms, dressing rooms, boiler room, additions to gymnasium and stage, etc.
Owner—Sierra Union High School District.
Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.

Plans and specifications may be obtained from the architect.

Bids Opened

ALTERATIONS, ETC. Cost, $——
ELK GROVE, Sacramento Co., Calif
Alterations and additions to science building and new equipment.
Owner—Elk Grove Union High School District.
Architect—Jens C. Petersen, 812 26th Street, Sacramento.

Complete bids follow:

Science Equipment

General Seating Co., 160 Second St., San Francisco $5,684
American Seating Co., S. F..... 6,186
Fred E. Turner, S. F..... 6,841

Bids held under advisement.

Alteration Work

James Lillico, Elk Grove (Contract awarded) $5,989

Bids Opened

SCHOOL Cost, $15,000
LAYTONVILLE, Mendocino Co., Cal.
One-story frame and rustic school.
Owner—Willitts Union Elementary School District.
Architect—N. R. Coulter, 46 Kearny St., San Francisco.

Complete bids follow:

(1) work complete;
(2) " omitting auditorium.

Myrl R. Crane.....(2) $ 8,830
Robt. McCarthy, S. F.....(1) 19,639
.....(2) 13,738
Hannah & Wooldridge, San Francisco .....(1) 20,704
.....(2) 14,366

Bids held under advisement.

Low Bidder

GYMNASIUM Cost, $——
CLOVERDALE, Sonoma Co., Calif.
One - story frame and stucco gymnasium at high school.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—Oliver M. Rousseau, 321 Kearny St., San Francisco, $30,-850.

Complete bids will be given shortly. The board of trustees will not be in a position to ward contract until 90 days after date of opening bids and no bidder may withdraw his bid during that period, the award being contingent upon a bond election to be called after bids have been opened.

Contract Awarded

ADDITION Contract Price, $12,633
PORTERVILLE, Tulare Co., Calif.
Two-room add. to high school building (reinf. concrete construction).
Owner—Porterville Union High School District (B. B. Kreider, Clerk).
Architect—W. D. Coates, 626 Rowell Bldg., Fresno.
Contractor—R. P. Moore, 3662 Verruc Ave., Fresno.

Commissioned To Prepare Plans.

HIGH SCHOOL Cost, $150,000
DINUBA, Tulare Co., Calif.
New high school building (replace the structure recently destroyed by fire) reinforced concrete construction.
Owner—Dinuba Union High School District.
Architect—Ernest K. Kump, Rowell Bldg., Fresno.

RECON. AUDITORIUM Cost, $60,000
SALINAS, Monterey Co., Calif.
Reconstruction and earthquake proofing of high school auditorium (enlarge seating capacity, improve acoustics, etc.)
Owner—Salinas Union High School District.
Architect—Chas. Butner, 51 Maple St. Salinas.

Plans Being Completed.

ADDITION Cost, $——
TULARE, Tulare Co., Calif.
Addition to Central Grammar School (add science and music room.)
Owner—Tulare Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Bids will be asked within a few days.

Awaiting Approval.

ADDITION Cost, $9,000
KINGSBURG, Fresno Co., Calif.
Addition to high school (boys' locker and dressing room unit).
Owner—Kingsburg Union High School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Materials will be purchased by the district. Plans awaiting approval of WPA.

Commissioned To Prepare Plans

ADDITION Cost, $27,000
BAKERSFIELD, Kern Co., Cal. Primavera Tract.
Addition to Horace Mann School (two room industrial art unit and lavatory building).
Owner—Bakersfield School District.
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.

Site Selected

HIGH SCHOOL Cost, $115,000
AVENAL, Kings Co., Calif. Head of Seventh Street.
New high school building (frame construction) administration building, gymnasium and machine shops.
Owner — Lemoore Union High School District.
Architect—W. H. Weeks, 593 Market St., San Francisco.

Preparing Preliminary Sketches.

JUNIOR COLLEGE Cost, $——
SAN MATEO, San Mateo Co., Calif. Property adjacent to San Mateo High School.
New Junior College.
Owner — San Mateo Junior College and High School District.
Supervising Architect—Geo. W. Kelham, 315 Montgomery St., S. F.

Preliminary sketches are being prepared for the general layout.

Sub-Contracts Awarded

SCHOOL Cont. Price, $94,342
SAN MATEO, San Mateo Co., Calif.
One - story frame and stucco school and auditorium (5 classrooms and auditorium to seat 500).
Owner—St. Matthews Catholic School 900 S. El Camino Real, San Mateo.
Architect—H. A. Minton, 525 Market St., San Francisco.
Contractor—James L. McLaughlin, 251 Kearny St., San Francisco.
Toilet Partitions—Dwan and Co., 126 Post St., San Francisco.
Electric—Ed. J. Lynch, 2080 Sutter St., San Francisco.
Sand and Gravel—H. E. Casey, San Mateo.

Sub-Contracts Awarded

RECONSTRUCT SCHOOL Contract Price, $48,493
OAKLAND, Alameda Co., Calif. 47th Avenue and Foothill Boulevard.
Reconstruct Fremont High School.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—F. J. Early, Jr., 369 Pine St., San Francisco, and 366 40th St., Oakland.
Demolition — Emsco Concrete Cutting Co., 260 Clementina St., San Francisco.
Gunite — Cement Gun Const. Co., 9 Main St., San Francisco.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Painting — Raphael Co., 270 Tehama St., San Francisco.
Plastering—M. J. King, 2343 Bay St., San Francisco.
Tile—Superior Tile Co., 3743 Broadway, Oakland.
Plumbing, Heating and Ventilating—Scott Co., 113 10th St., Oakland.
Electric—California Electric Co., 12th and Oak Sts., Oakland.

Contracts Awarded
LOCKERS, ETC.& Cost, $——
ALBANY, Alameda Co., Calif.
Lockers, furniture, table, arm chairs for high school building.
Owner—Albany High School District.
Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.
Metal Lockers—J. W. Fricke and Co., 420 Market St., San Francisco, $1-186.04.
Library Furniture—Rucker Fuller Co., San Francisco, $1,262.75.
Arm Chairs—Rucker Fuller Co.. $1,-267.50.
Complete bids published May 21.

Plans Awaiting PWA Approval.
AUDITORIUM Cost, $200,000
SACRAMENTO, Sacramento Co., Cal. Sacramento Junior College.
Brick Fine Arts Building and auditorium to seat 1500 at Sacramento Junior College (4th unit).
Owner—Sacramento School District.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Bids will be asked upon approval of plans.

16—BANKS, STORES AND OFFICES

BIDS OPENED
SAN FRANCISCO, Calif. — Reliable Painting Company, 3247 19th Street, at $1,894, submitted low bid to Department of Public Works for painting all exterior woodwork at the Longfellow School, Morse and Lowell Sts. Complete bids follow:

Reliable Painting Co.	$1,894
J. G. Exley	1,950
Lee Dixon	1,994
W. G. Thompson	2,174
R. P. Paoli	2,370
American Building Maintenance Company	2,497
Frank Powers	2,780

Bids held under advisement.

Sub-Contracts Awarded.
COLLEGE BLDG. Cont. Price, $38,804
SANTA ROSA, Sonoma County, Cal. Santa Rosa Junior College campus
One-story Class B frame and brick vencer domestic science and commercial building (fourth unit) flat tile roof.
Owner — Santa Rosa Junior College District (Floyd Bailey, President) Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Louis C. Dunn, 424 Monadnock Bldg., San Francisco.
Sheet Metal—Gust Malm, Santa Rosa.
Brick — White & Gloor, Monadnock Bldg., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Painting—Lee Dixon, 18 Eureka St., San Francisco.
Roofing—Done E. Mohn.
Reinforcing Steel—Concrete Engineering Co., 1280 Indiana St., S. F.
Electric—Empire Electric Co., Santa Rosa.
Window Hardware—Universal / Window Co., 950 Pa rker St., Berkeley
Mill Work — Pacific Mfg. Co., Santa Clara.
Plumbing and Heating—Geo. Mitchell Santa Rosa.
Sand, Gravel & Cement—Santa Rosa Building Materials Co, Santa Rosa
Lumber—Stereling Lumber Co., Santa Rosa.
Plastering—Chas. Terranova, 344 San Miguel St., San Francisco.

Contract Awarded.
MARKET Cont. Price, $9265
NAPA, Napa Co., Calif. Lincoln and Jefferson Streets.
New drive-in market.
Ownehr—Albert Gasser, Napa.
Architect—C. L. Hunt, Napa.
Contractor — Coffield & Arnitz, 429 Franklin St., Napa.

Planned.
MARKET Cost, $——
MARYSVILLE, Yuba Co., Cal. Fourth and G Streets.
One-story frame and stucco modern market (80x160 feet) tile trim, etc.
Owner—Fletcher Witt, Marysville.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. Grant Ave. and Geary Street.
Alterations to store building.
Owner—I. Magnin, Premises.
Plans by L. & E. Emanuel, 2665 Jones St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2500
ALAMEDA, Alameda Co., Cal. No. 2420 Encinal Avenue.
Alterations and additions to store and manufacturing plant (add 200 square feet).
Owner—Saylor Candy Co., Premises.
Architect—Not Given.
Contractor — Henry Brown, 1387 E-32nd St., Oakland.

Contract Awarded
ADDITION Cost, $——
SAN FRANCISCO. Mission Street nr. Fifth Street.
Interior remodeling of office building.
Owner—San Francisco Remedial Loan Assn., 932 Mission Street.
Architect—Kent & Hass, 525 Market.
Mechanical Engineer—Hunter & Hudson, 41 Sutter Street.
Contractor—Dinwiddie Const. Co., 210 Crocker Building.

Construction Postponed Indefinitely.
ALTERATIONS Cost, $20,000
SACRAMENTO, Sacramento Co., Cal. SE Eighth and K Streets.
Alterations to three - story building (terra cotta trim, glass work, air conditioning, painting, decorating, etc.)
Owner—Milens, Inc.
Architect —W. E. Coffman, Forum Bldg., Sacramento.

Contract Awarded.
OFFICE BLDG. Cost, $5000
OAKLAND, Alameda Co., Cal. No. 3630 Hopkins Street.
One-story frame office building.
Owner—Dr. C. E. Barker.
Architect—Not Given.
Contractor — Fred T. Dooley, 3936 Vale Ave., Oakland.

Preparing Plans
ALTERATIONS Cost, $——
SAN FRANCISCO. Sixth and Market Streets.
Basement bulkheads in Hughes Bldg. and move back sidewalks.
Owner—California Western States Life Insurance Company.
Architect—Hertzka and Knowles, 369 Pine Street.

Contract Awarded.
ALTERATIONS Cost, $4500
SAN FRANCISCO. No. 821 Market Street.
Alterations to offices in Pacific Bldg.
Owner—Home Owners Loan Association.
Plans by Edward Glass, Pacific Bldg., San Francisco.
Structural Engineer—W. H. Ellison, Pacific Building.
Contractor—F. R. Siegrist, 604 Mission St., San Francisco.

Contracts Awarded
ALTERATIONS Cost, $20,000
OAKLAND, Alameda Co., Cal. Broadway and Grand Avenue.
Alterations to bank bldg. (new bank fixtures, etc.)
Owner—Capital Co., 625 Market Street San Francisco.
Plans by Construction Dept. of Owner
Heating, Plumbing and Ventilaitng—L. J. Kruse, 6247 College Avenue. Oakland.
Bank Fixtures and Mill Work—L. & E. Emanuel, 2665 Jones St., San Francisco.
Bronze Counter Screens—McNeill Steinberg Co., 666 Mission Street. San Francisco.
Marble—Clervi Marble Co., 221 Bayshore Blvd., San Francisco.
Hardware—Palace Hardware Co., 581 Market St., San Francisco.
Glass—Habenicht & Howlett Glass Co. 529 Clay St., San Francisco.
Tile—Melring Tile Co., 1701 University Ave., Berkeley.

Contract Awarded
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Calif. 64 Shattuck Square.
Alterations to women's department of store.
Owner—Roos Bros., premises.
Architect—Albert Williams, Humboldt Bank Bldg., San Francisco.
Contractor—L. and E. Emanuel, 2665 Jones St., San Francisco.

Contract Awarded
STORE Cost, $10,000
OAKLAND, Alameda Co., Calif. 372-376 Grand Avenue.
One - story reinforced concrete store building.
Owner and Builder—Edward Larmer, 90 Fairview Ave., Oakland.
Architect—Leonard Ford, 2022 Berkeley Way, Berkeley.

Plans Being Figured—Bids Close June 19, 2 P. M.
STORE Cost, $——
SAN FRANCISCO. SE 26th Ave. and Lawton Street.
One - story frame and stucco store building (4 or 5 stores).
Owner — Martin Stelling, 155 Montgomery Street.
Architect—Earle B. Bertz, 681 Market Street.

Contract Awaraded.
ALTERATIONS Cost, $25,000
FRESNO, Fresno Co., Cal. No. 1101-1123 Fulton Street.
Furnish and install elevator in bldg.
Owner—Fresno Estate Company.
Architect—Not Given.
Contractor — Otis Elevator Co., 1 Beach St., San Francisco.

Plans Being Figured—Bids Close June 25, 12 Noon.
ABBATOIR Cost, $——
SOUTH SAN FRANCISCO, San Mateo Co., Cal. Evans and Mandell Streets.
Class B abbatoir (175x61 feet) reinforced concrete and structural steel construction.
Owner—South San Francisco Packing & Provision Co.
Engineer—James Smith, 251 Kearny St., San Francisco.

To Ask Bids Within Few Days.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. No. 1530 Broadway.
Alterations for men's clothing store (three-story structure).
Owner—Hastings Clothing Store, Post and Kearny Sts., San Francisco. (C. H. Turner, Manager).
Architect — W. G. Corlett, Bank of America Bldg., Oakland.

To Be Done By Day's Work.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 546 Broadway
Alterations to restaurant.
Owner—Thos. Arbulich, Premises.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 1256 Market Street.
Alterations to building.
Owner—Waiters Union. Premises.
Architect—Not Given.
Contractor—Jas. McSheehy, 137 Clifford Terrace, San Francisco.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, $8000
HEALDSBURG, Sonoma County, Cal. Matheson and East Streets.
One-story frame and brick office bldg.
Owner—Pacific T. & T. Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Monson Bro., 475 6th St., San Francisco.
Brick Work—Emil Hogberg, 666 Mission St., San Francisco.
Painting—C. W. Sulberg & Son, Santa Rosa.

Contract Awarded.
ALTERATIONS Cost, $25,000
FRESNO, Fresno Co., Calif. No. 1044 Fulton Street.
Alterations to Mason Building.
Owner—Mason Bldg., Premises.
Architect—Not Given.
Contractor—Villadsen Bros., 40 Winsor St., Piedmont.

Contracts Awarded.
STORE Cost, $17,500
OAKLAND, Alameda Co., Cal., No. 2611-15 Telegraph Avenue.
One-story reinforced concrete store building (40x100 ft.); 10-year roofing, wood flooring, steel sash, metal window mouldings, etc.
Owner—H. K. Walton.
Architect—S. Heiman, 605 Market St., San Francisco.
Carpentry — Mills Construction Co., 645 Russ Bldg., San Francisco.
Roofing — Alta Roofing Co., 976 Indiana St., San Francisco.
Plumbing—J. Madden, 3121 San Pablo Ave., Oakland.
Electric—Spencer Electric Co., 2059 Webster St., Oakland.
Tile—Alfred Pyle, 290 Tehama St., San Francisco.
Glass — Habenicht & Howlett Glass Co., 529 Clay St., San Francisco.
Lathing and Plastering—G. Martinelli, 666 Mission St., San Francisco.
Hardware—E. M. Hundley, 662 Mission St., San Francisco.
Painting—D. Zelinsky, 165 Grove St., San Francisco.
Trusses—Summerbell Truss Co., 354 Hobart St., Oakland.
Rein. Steel—W. C. Hauck & Co., 280 San Bruno Ave., San Francisco.

Bids In—Held Under Advisement.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. No. 1530 Broadway.
Alterations for men's clothing store (three-story structure).
Owner—Hastings Clothing Store, Post and Kearny Sts., San Francisco, (C. H. Turner, Manager).
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Annuuncement will be made within a few days.

To Be Done by Day's Work
MARKET Cost, $20,000
SAN FRANCISCO. Geary St., 90 ft. W. Henderson.
One-story Class C Market Building.
Owner — Cicerone Co., 1101 Potrero Avenue.
Architect—Conrad Kett, 519 California Street.
Structural Engineer—W. Adrian, 417 Market Street.

17— THEATRES

Contract Awarded.
ADDITION Cost, $60,000
PALO ALTO, Santa Clara Co., Calif.
Additional wing to Children's Theatre (one-story frame and stucco structure) and boy scout house.
Owner—City of Palo Alto.
Architect—Birgo and Divid Clark, 316 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded
ALTERATIONS Cost, $7,000
SAN FRANCISCO. West Portal and Vicente.
Alterations to theatre.
Owner—Oser Est. Corp., Hobart Bldg.
Architect—Not Given.
Contractor — J. Harold Johnson, 639 Brannan Street.

Plans Being Revised
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. K St., between Fifth and Sixth.
Alterations to Capital Theatre (work involves decorating, new wiring, plastering, hot air heating system, air conditioning system, etc.)
Owner—T. and D. Theatres and Fox West Coast Theatres, 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 526 Market St., San Francisco.

Plans Being Completed
ALTERATIONS Cost, $9500
SAN FRANCISCO, Richmond District
Alterations to theatre buillding.
Owner—Withheld.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Bids will be asked in about one week.

Contract Awarded.
STAGE RIGGING & DRAPES $——
PALO ALTO, Santa Clara Co., Calif.
Stage rigging and drapes for Stanford Theatre.
Owner—Stanford University.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Contractor—Turner Co., 557 Market St., San Francisco.

CONTRACT AWARDED
TEHACHAPI, Kern Co., Cal.—W. G. Gannon, 811 I Street, Bakersfield, awarded contract for construction of a reinforced concrete theatre building at Tehachapi for Frank Baumgart and Louis Kanstein, both of Tehachapi. It will be a one-story structure, 43x75 ft. in area, and will seat 325 persons. Cost, $10,000. F. O. Reyenga, 4707 Sixth Ave., Los Angeles, Engineer.

18— WHARVES & DOCKS

Contract Awarded
ALTERATIONS Cost, $10,000
OAKLAND, Ala. Co., Calif. First and Market Sts.
Reconstruction of apron wharf and alterations to terminal.
Owner—Howard Terminal Co., 1st and Market Sts., Oakland.
Architect—Not given.
Contractor—Ben C. Gerwick, 112 Mar-Market St., San Francisco.

19—MISC. CONSTRUCTION

To Be Done By Day's Work
ALTERATIONS Cost, $3,500
SAN FRANCISCO. 2043 19th Avenue.
Alterations to dog hospital.
Owner—Dr. Thomas J. McCormick.
Architect—Not Given.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED
LOS ANGELES, Cal.—Bids for furnishing one 48-in., manually operated, plug type, reseating throttle valve under Specifications No. 1987 were opened by D. P. Nicklin, Purchasing Agent, of the Los Angeles Water & Power Bureau.
The bids were taken as follows:
(1) Valve as described: (Alt. 1) same valve with alternate body and plug materials.
The bids were:
S. Morgan Smith Co.—(1a) f.o.b. bidder's shipping point, $7395; (1b) f.o.b. cars, Lone Pine, $8165; estimated total shipping weight, 40,000 lbs.
(Alt. 1a) f.o.b. bidder's shipping point, $10,530; (Alt. 1b) f.o.b. Lone Pine, $11,260. Estimated total shipping weight, 38,000 lbs. Terms 2% 20 days.
Chapman Valve Mfg. Co., (1a) $8210; (1b) $9025; shipping weight, 40,500 lbs.; (Alt. 1b) $12,345; shipping weight, 39,000 lbs. Terms 2%, 20 days.

BIDS OPENED
BERKELEY, Cal.—Bids for furnishing library furniture for the new North Berkeley branch library, The Alameda and Hopkins St., wer opened by the City Council.
Bids were taken as follows:
(1) Book tables.
(2) Benches for book tables
(3) Posture chairs.
(4) Flat top desks.
(5) Adult magazine racks.
(6) Juvenile magazine racks.
(7) Book trucks.
(8) Book display racks
(9) Card catalog cabinets.
Complete bids follow:
(A) Rucker-Fuller Co., $668.36.
(B) Remington-Rand, $695.46.
(C) Commercial Furniture Co., $704.50
(D) Gaylord Bros. (partial bid) $552.70
Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$39.34	$44.10	$43.50	$41.10
(2)	24.46	27.50	28.00	29.20
(3)	14.42	17.65	17.00	.....
(4)	35.25	35.40	37.00	.....
(5)	84.70	73.80	75.00	73.75
(6)	56.00	42.85	48.50	37.35
(7)	44.30	42.10	42.50	27.65
(8)	67.75	65.60	65.00	50.85
(9)	82.60	173.20	100.00	194.85

Bids held under advisement

CONTRACT AWARDED
LOS ANGELES, Cal.—Soule Steel Co., 6200 Wilmington St., at $59,476 awarded contract by the U. S. Engineer, for furnishing saeel reinforcing bars, intermediate grade, in mill lengths not to exceed 40ft. except ½-in. bars, which shall be 29 ft. 6 in in length, under
(1) 1,300,000 lbs. ½-in. round bars;
(2) 150,000 lbs. ⅞-in. round bars;
(3) 1,000,000 lbs. 1-in. round bars;
(4) 50,000 lbs. 1-in. square bars.
Circ. Prop. No. 719.

BIDS OPENED
OAKLAND, Cal.—Linde Air Products Co., 114 Sansome St., San Francisco, at $8,137.50 submitted low bid to the East Bay Municipal District, Oakland, under Proposal No. 755, for furnishing 250,000 c.f. oxygen gas and 200 c.f. acetylene gas.
Complete bids follow:
Linde Air Products Co.: oxygen, $1.175 per c.f.; acetylene, $2.60 per c.f. total, $8,137.50.
Air Reduction Sales Co.: oxygen, $1.40; acetylene, $2.85; total, $9,200.
Bids held under advisement.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

SAN FRANCISCO.—Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., awarded additional electrical work on the Golden Gate Bridge at approximately $100,000 under revised specifications approved by the Golden Gate Bridge and Highway District. The original contract was awarded Nov. 4, 1932, on a bid of $169,320.

Contract changes include specification for sodium vapor lighting and addition of complete substation equipment. The district plans to purchase power at 11,000 volts and operate an independent distributing system. Under revised plans electrical controls will be located in a power house at toll terminal on the San Francisco side.

The revised plans and specifications were prepared by Strauss & Paine, 111 Sutter St., consulting engineers.

TO ASK BIDS

SAN FRANCISCO.—New bids will be asked in about 60 days by Golden Gate Bridge and Highway District, 111 Sutter St., for furnishing and installing elevator in each tower of the Golden Gate Bridge. On previous bid opening, October 31, 1934, low bid was submitted by Otis Elevator Co., San Francisco, at $94,842.

COMPLETING PLANS

SAN FRANCISCO.—Plans are being completed by Strauss & Paine, consulting engineers for the Golden Gate Bridge and Highway District, 111 Sutter St., for deck paving of the Golden Gate Bridge. Approximately 9,000 feet of 60-ft. roadway and 11-ft. sidewalk on each side to be paved. Lightweight aggregate will be specified for west sidewalk only.

Bids will be asked in about 30 days. Cost over $400,000.

BIDS OPENED

MT. RAINIER NAT'L PARK, Wash.—Following bids received by National Park Service, Frank A. Kittredge, Chief Engineer, San Francisco, for constructing a horse trail suspension bridge over Tahoma Creek in Mount Rainier National Forest:

(1) Furnishing and fabricating all structural steel for the superstructure;

(2) Hauling from Ashford, Wash., to bridge site and erecting superstructure steel;

(3) Furnishing all material and labor for construction of the bridge ready for traffic.

Golden Gate Iron Works, San Francisco: (1) $4575 fob San Francisco.

Minneapolis Moline Steel Co., Minneapolis (1) $5987; fob Ashford, Wash.

Isaacson Iron Works, Seattle: (1) $4687; fob Seattle; $4860 fob Ashford.

Teufel & Carlson, Seattle: (1) $6,287.60 fob Renton, Wash.; $6407 fob Ashford; (2) $14,080; (3) $28,457.

MacRae Bros., Seattle, (3) $29.579.

APPLICATION APPROVED

LOS ANGELES, Cal.—The application of the Union Oil Co for a permit to construct a suspension bridge to carry an oil pipe line across the Baliona Creek has been approved by the County Supervisors. The proposed bridge will be constructed near the Del Rey Pump Station on the route of the Lost Angeles pipe line of the oil company. It will be 360 ft. in length and will have concrete piers and anchorages, cable suspension, pile foundations, welded pipe towers.

SUB-BIDS WANTED

KERN & TUOLUMNE COS., Cal.—B. A. Howkins, 1182 Market St., San Francisco, desires sub-bids on all portions of the work for construction of a reinforced concrete bridge across the north fork of the Kern River in Kern County, for which bids will be opened by the State Highway Commission at Sacramento, July 1; and for the construction of a bridge across the south fork of Tuolumne River in Tuolumne County, for which bids will be opened by the Bureau of Public Roads Federal Office Bldg., San Francisco, June 23, 2 P. M. (Kern river bridge opening postponed from June 24.)

BIDS WANTED

MULTNOMAH COUNTY, Ore.—Until June 26, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd floor, Public Service Bldg., Portland, for the construction of an undercrossing to carry Milwaukie Ave. over the East Portland-Oregon City Highway in the City of Portland.

The work involves approximately 2,780 c.y. excavation; 1,600 c.y. concrete; 125,000 lbs. metal reinforcement 325,000 lbs. structural steel; 450 l.f. concrete handrail; 14 tons asphaltic concrete, and electric wiring.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

CONTRACT AWARDED

MARICOPA COUNTY, Ariz.—Virginia Bridge Co., 5225 Wilshire Blvd., Los Angeles, at $9602 awarded contract by the Arizona State Highway Commission, Phoenix, for furnishing and delivering structural steel for the Boulder Creek bridge, A.F.E. 8801, Apache Trail Highway. The work consists of furnishing and delivering structural steel f.o.b. Mesa, Ariz., and is to be completed on or before 30 days after date of the award of contract. The principal item is 203,000 lbs. of structural steel conforming to Arizona Highway Department plans and standard specifications, edition of 1935, complete with dardelet bolts for all field connections. No shoes required.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS OPENED

EL DORADO COUNTY, Calif.—H. Sneed, Hotel Carlton, Telegraph and Durant Aves., Oakland, at $29.90 per c.y., total $1,584.70 submitted low bid to the Bureau of Public Roads, Federal Office Bldg., San Francisco, for culvert repairs to Oglesby Canyon culvert, Section A (portion) of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado National Forest, Eldorado County, involving approximately 53 c.y. of Class D concrete.

F. H. Nielson, Orland, at $31.95 per c.y., total $1,693.35, submitted the only other bid.

Engineer's estimate, $35 per c.y., total $1,855.

Bids held under advisement

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until June 30, 2 P. M., bids will be received by the Division of Highways, J. W. Vickery, District Engineer, 546 West Wabash Ave., Eureka, for repairs to existing bridge across the south fork of Trinity River, about one mile west of Salyer, in Humboldt County.

Plans and specifications obtainable from the above office.

BID OPENING DATE EXTENDED

KERN COUNTY, Cal.—Until July 1, 2 P. M. (date postponed from June 24, previously reported) bids will be received by the State Highway Commission, Sacramento, for construction of a reinforced concrete bridge across north fork of Kern river about 0.7 mi. north of Isabella, consisting of two 47-ft. 10-in. and three 60-ft. spans on concrete piers, and grading and treating with liquid asphalt approximately 0.35 mile of roadway in Kern County.

The work involves:

(1) 1 lot clearing and grubbing;
(2) 420 M. gals. water;
(3) 8,000 c.y. rdwy. excav., unclass.;
(4) 750 c.y. struc. excav.;
(5) 200 cy. ditch and channel excav.;
(6) 1,000 c.y. imported borrow;
(7) 15,000 sta. yds. overhaul;
(8) 19 sta. finishing rdwy.;
(9) 6,000 sq. yds. preparing, mixing, and shaping roadbed, ditches, & dikes (road-mix surf. treat.);
(10) 75 tons liquid asphalt SC-2 (road mix surf. treatment);
(11) 12 tons liquid asph. SC-2 (prime coat);
(12) 150,000 lbs. bar reinf. steel;
(13) 630 c.y. Class A Portland cement concrete (struc.);
(14) 175 c.y. do (footing blocks);
(15) 4.5 MFBM Redwood timber dense select, all-heart, struc. grade;
(16) 72 l.f. 18-in. CMP;
(17) 34 l.f. 8-in. CMP;
(18) 100 c.y. Clas A Portland cement concrete (slope paving);
(19) 46 each guide posts;
(20) 2 each culvert markers;
(21) 0.3 mile new property fence;
(22) 4 each drive gates;
(23) 16 each monuments;
(24) 2 each spillway assemblies;
(25) 1 only existing bridge to be removed and disposed of;
(26) 1 lot misc. items of work.

NOTE: The State will furnish corrugated metal pipe and spillway assemblies as more explicitly set forth in the special provisions.

Plans and specifications obtainable

from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Bishop. •

22—DREDGING, HARBOR WORKS, EXCAVATION

AWARD RECOMMENDED

SEATTLE, Wash.—John W. Rumsey, 3821 Airport Way, Seattle, at $184,387 submitted low bid and recommended for award of contract by the U. S. Engineer Office, Lieut. Col. H. J. Wild, District Engineer, 412 Federal Office Building, Seattle, for dredging a channel 100 ft. wide and 12 ft. deep in Swinomish Slough.

The channel will be through LaConner from Skagit Bay to Padilla Bay, ending about three miles east of Anacortes, and will involve the dredging of about 2,235,000 c.y. of material.

Low bids follow:

John W. Rumsey, Seattle	$184,387
General Const. Co., Seattle	187,440
Tacoma Dredging Co., Tacoma	200,032
Engineer's estimate	219,010

AWARD RECOMMENDED

SEATTLE, Wash. — Columbia Construction Co., Bonneville, at $2,799,458 submitted low bid and recommended for award of contract by the U. S. Engineer Office, 412 Federal Office Bldg., Seattle, Lieut. Col. H. J. Wild, District Engineer, for completing the reconstruction of the south jetty at Grays Harbor.

A contract for preliminary work on rebuilding the jetty was awarded Columbia Constr. Co., Portland, at $450,000, last year.

The work involves:

(1) 235,000 l.f. Douglas fir piling in place.
(2) 22,300 l.f. Douglas fir piling cut off.
(3) 2215 MFBM lumber.
(4) 54,500 lbs. bolts.
(5) 111,800 lbs. machine bolts and washers.
(6) 144,000 lbs. boat and wire spikes.
(7) 41,300 lbs. railroad spikes.
(8) 522 tons of 65 lb. rail with splice bars and bolts.
(9) 16,900 railroad ties.
(10) 6 complete turnouts.
(11) 84,000 l.f. wire cable not less than ⅝-in. in diam.
(12) 2,800 steel straps on jetty tramway.
(13) 5,570 metal pile shoes.
(14) 7,500 anti-rail creepers.
(15) 300 c.y. embankment in place.
(16) 1,290,020 tons stone in jetty, including maintenance stone.

Low bids follow:

Columbia Const. Co., Bonneville	$2,799,458
Winston Bros. and Guy F. Atkinson, Portland	3,069,836
Merritt - Chapman and Scott Corp., San Pedro	3,761,063

CONTRACT AWARDED

SAN DIEGO, Cal. — B. O. Larsen, 1340 E St., San Diego, at $27,900 awarded contract by the Public Works officer, Naval Operating Base, 11th Naval District, San Diego, for the replacement of dolphins at the Naval Operating Base (Destroyer Base) under Spec. No. 8203.

BIDS WANTED

GOVERNMENT ISLAND, Cal.—Until June 25, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. ER-868-36-24, for excavating about 6130 cu. yds. of material at Government Island, Alameda.

The work is located at the western end of the Government Reservation on Government Island and is to provide a boat basin and launchway adjoining said boat basin. The basin shall be excavated about 222 ft. long, 25 ft. wide, and 12.67 ft. deep at mean lower low water, the launchway shall be excavated about 94 ft. long, 23 ft. wide, and with a sloping bottom 13.6 ft. above mean lower low water at the northern end and 5.79 ft. above mean lower low water at the southern end, adjoining the boat basin.

Plans and specifications obtainable from the above office. •

BIDS WANTED

ALCATRAZ ISLAND, Calif.—Until June 23, 2 P. M., bids will be received by the Warden, U. S. Penitentiary, Alcatraz, to be opened at Rm. 214, Post Office Bldg., 7th and Mission Streets, San Francisco, under Bid No. 711, for furnishing and placing rip-rap, large and small pieces, along the southwest shore line at Alcatraz Island.

Bids will be taken as follows:

(A) 300 pieces stone or concrete rip-rap, not less than 12 c.f. in content, approximately 4-ft. x 2-ft. x 1-ft. 6-in. in size;
(B) 300 tons stone not less than 6-in. and not more than 12-in. in. dia.

Specifications obtainable from above office. •

23—IRRIGATION PROJ.

BIDS OPENED

DUCK VALLEY PROJECT, Nevada and Idaho—J. A. Terteling & Sons, 511 Sound Ave., Spokane, Wash., at $33,230 submitted the only bid to the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, for excavation of 23 miles of canals and laterals, Duck Valley Project, Federal Project No. 205. Western Shoshone Indian Reservation, Nevada and Idaho. Invitation No. 0256. The items and unit prices were:

(1) 150,000 cu. yds. excavation, all classes, canals and laterals, $215 per cu. yd., total $32,250.
(2) 14,000 sta. yds overhaul, $.07 per yd.; total, $980.

24— STREET LIGHTING SYSTEMS

BIDS WANTED

HAYWARD, Alameda Co., Calif.—Until June 29, 1:30 P. M., bids will be received by Jacob Harder Jr., Clerk, Hayward School District, for furnishing light poles, light reflectors, lamps and electrical wiring to be used in the construction of a flood lighting system on the grounds of the Bret Harte School, located at E and Main Sts., Hayward.

Specifications may be obtained from the Clerk, 1074 C St., Hayward.

AWARD RECOMMENDED

HAMILTON FIELD, Marin Co., Cal.—Underground Const. Co., 6 Alvarado Road, Berkeley, at $2,775 submitted low bid and recommended for award of contract by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-36-35, for installing a night lighting system at Hamilton Field.

Complete bids follow:

Underground Const. Co., Berkeley	$2,775
H. S. Tittle, San Francisco	3,120
A. Soda & Son, Oakland	3,275
D. E. Manning, San Francisco	5,700

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO, Cal.—Following bids received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-36-36, for furnishing one clamshell bucket, one c.y. double line:

Edward R. Bacon, $585; delivery in 7 days; no discount.

Owen Bucket Co., $699; delivery in 6 days; no discount.

Fred E. Barnett Co., $733.60; delivery in 30 days; discount 2% 10 days.

Harron, Rickard & McCone, $772; delivery in 3 to 7 days; no discount.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 687, for furnishing five 30-inch sphere valves for installation in the station service penstock at the Boulder power plant:

Joshua Hendy Iron Works, San Francisco, $37,226; f.o.b. Sunnyvale; net.
S. Morgan Smith Co., York, Pa., $36,000, f.o.b. York; net.
Hardie Tynes Mfg. Co., Birmingham, Ala., $75,000, f.o.b. Birmingham; net. •

CONTRACT AWARDED

OAKLAND, Cal.—Key System Railways, Ltd., 2129 Grove St., Oakland, has awarded contract to Bethlehem Steel Corp., Twentieth and Illinois Sts., San Francisco, for furnishing 23 complete electric train units and 40 steel car bodies only, especially designed for service over the San Francisco-Oakland Bay Bridge. Key System will furnish trucks for bodies and rebuild other equipment in its shops January 1, 1938. First deliveries from Bethlehem Co. are to be made by September 15 and new equipment will be placed in operation as it is deto complete 88 two-car units before livered, gradually retiring cars now in service.

Cost of new equipment is estimated at $3,250,000 • 5

BIDS OPENED

SAN MATEO, Santa Cruz and Santa Clara Counties, Cal.—Robinson & Rulafson, Healdsburg at $3.19 per hour, submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental of one ¾ cu. yd. capacity power shovel, equipped with boom and bucket and ⅜ cu. yd. clamshell attachment, for approximately 500 hours, for use in San Mateo, Santa Cruz and Santa Clara Counties.

Complete bids follow:

Robinson & Rulafson, Healdsburg, $3.19.
F. A. Lance, San Jose, $3.20.
C. Mankel, Sacramento, $3.91.
Rock & Gravel Trucking Co., Oakland, $4.00.
L. C. Smith, San Mateo, $4.96.
Kruze & Cox Truck Co., Healdsburg, $5.00.
Western Crane Service Corp., Oakland, $6.50. • 5

27—FIRE ALARM SYSTEM

BID REJECTED

SAN MATEO, Cal. — City Council rejected the only bid received, that of Atlas Electric Co., San Mateo, at $1850, for the installation of a fire alarm system.

E. P. Wilsey, City Engineer. •

29—STREETS AND HIGHWAYS

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until July 9, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about two miles grading, surfacing with imported selected material, and applying Class B seal coat on 25th St. between Palos Verdes Coast Highway and Patton Ave., Los Angeles Co.

The work involves:
(1) 108 sta. clearing and grubbing right of way;
(2) 1,600 M. gals. water;
(3) 84,000 c.y. rdwy. excav., unclass.
(4) 900 c.y. struc. excav.;
(5) 900 c.y. ditch excav.;
(6) 81,000 sta. yds. overhaul;
(7) 14,450 tons imported selected material;
(8) 108 sta. finishing rdwy.;
(9) 610 tons screenings (seal coat);
(10) 51 tons liquid asphalt 90-95 (do);
(11) 21 c.y. Class A Portland cement concrete;
(12) 625 lbs. bar reinf. steel;
(13) 290 l.f. 8-in. CMP;
(14) 32 l.f. 12-in. CMP;
(15) 350 l.f. 18-in. CMP;
(16) 820 l.f. 24-in. CMP;
(17) 150 l.f. 30-in. CMP;
(18) 68 l.f. 36-in. CMP;
(19) 138 l.f. 42-in. CMP;
(20) 120 l.f. existing CMP culverts removed, cleaned and salvaged;
(21) 150 l.f. cleaning existing CMP culverts;
(22) 5 each, spillway assemblies;
(23) 1,010 l.f. laminated guard railing;
(24) 40 each, culvert markers;
(25) 80 each, guide posts.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

SAN DIEGO COUNTY, Calif.—Until July 9, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 3.6 miles grading and surfacing with plant-mixed surfacing in San Diego County between Lake Hodges and Escondido.

The work involves:
(1) 193 sta. clearing and grubbing right of way;
(2) 860 M. gals. water;
(3) 28,500 c.y. rdwy. excav., unclass.
(4) 250,000 sta. yds. overhaul;
(5) 1,340 c.y. struc. excav.;
(6) 740 c.y. existing concrete removed and disposed of;
(7) 29,000 l.f. existing side forms removed and disposed of;
(8) 193 sta finishing rdwy.;
(9) 5,400 tons crusher run base;
(10) 7,800 tons mineral agg. (plant-mixed surf.);
(11) 25 tons asphaltic emulsion;
(12) 430 tons liquid asphalt MC-5 or MC extra heavy (plant - mixed surf.);
(13) 460 tons liquid asph. SC-2 (shoulders);
(14) 55,100 sq. yds. preparing, mixing, and shaping shoulders;
(15) 10,400 lbs. bar reinf. steel;
(16) 81 c.y. Class A Portand cement concrete (struc.);
(17) 7.5 c.y. do (railing);
(18) 32,000 lbs. struc. steel;
(19) 210 l.f. furnishing treated Douglas fir piles, inc. test piles;
(20) 5 each driving piles, inc. test piles
(21) 142 l.f. temporary railing;
(22) 76 l.f. 8-in. CMP;
(23) 282 l.f. 18-in. CMP;
(24) 154 l.f. 24-in. CMP;
(25) 170 l.f. 36-in. CMP;
(26) 70 l.f. 48-in. CMP;
(27) 5 each spillway assemblies;
(28) 403 l.f. existing pipe culverts to be cleaned and relaid;
(29) 2,380 l.f. laminated guard railing;
(30) 21 each guide posts;
(31) 130 each existing guide posts and culvert markers moved and reset;
(32) 1.4 miles existing property fences moved and reset;
(33) 47 each, monuments complete in place.

NOTE: The State will furnish corrugated metal pipe and spillway assemblies for use on this project, as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Diego.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at $8197.20 awarded contract by the State Highway Commission, Sacramento, for approximately 1 mile grading and surfacing with plant-mixed surfacing in the City of Oakland at the Berkeley city line.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at $122,538 awarded contract by the State Highway Commission, Sacramento, for about 2.4 miles grading and surfacing with crusher run base and plant-mix surfacing in Alameda County, between Folger Ave. and Camelia Street.

BIDS WANTED

SAN BERNARDINO CO., Cal.—Until July 9, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.8 miles grading and treating with liquid asphalt and constructing a timber pile trestle in San Bernardino County between 2.5 miles west of Java and 0.5 mile east of Java.

The work involves:
(1) 46,100 c.y. rdwy. excav., unclass.
(2) 395 c.y. struc. excav.;
(3) 9,800 c.y ditch and channel excavation;
(4) 143,000 sta. yds. overhaul;
(5) 145 sta. finishing rdwy.;
(6) 334 tons liquid asphal tSC-2 (road mix surface treatment);
(7) 32,300 sq. yds. preparing, mixing and shaping roadbed;
(8) 34 tons liquid asphalt 90-95 (seal coat);
(9) 404 tons screenings (seal coat);
(10) 1,730 lbs. struc. metal;
(11) 30 MFBM dense, select, all-heart struc. redwood;
(12) 16 MFBM select, all-heart, struc. redwood;
(13) 1,090 l.f. furnishing Douglas fir piles (treated);
(14) 54 each driving piles;
(15) 322 l.f. 24-in. CMP;
(16) 114 l.f. 48-in. CMP;
(17) 70 l.f. 75-in. multi-plate CMP;
(18) 48 each, monuments complete in place.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

NOTICE TO BIDDERS

STATE OF CALIFORNIA. — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on June 24 and in Los Angeles on June 25:

I-Hum-Tri-20-B, C, bet. 3.15 and 5.25 miles east of Blue Lake and at Gray Creek. Bids to be opened June 24: PLANS (No. of Sheets) 6; (Cost) $.60; CROSS-SECTIONS (No. Sheets) 14 (Cost) $1.40; (Total) $2.00.

III-Sut-87-A, bet. Knights Landing and Robbins. Bids to be opened June 24; PLANS (No. of Sheets) 11; (Cost) $1.10; CROSS-SECTIONS (No. Sheets) 37; Cost) $3.70; (Total) $4.80.

III-Yub-Nev-15-B,A, bet. Parks Bar bridge and ¼mile east of Nevada Co. line. Bids to be opened June 24: PLANS (No. of Sheets) 12; (Cost) $1.20; CROSS-SECTIONS (No. Sheets) 79; (Cost) $7.90; (Total) $9.10.

IV-Ala-69-Oak, bet. 34th Street and 7th St., Oakland. Bids to be opened June 24: PLANS (No. of Sheets) 14; (Cost) $1.40; CROSS-SECTIONS (No. of Sheets) 40; (Cost) $4; (Total) $5.40.

VI-Ker-142-F, bridge across North Fork Kern River. Bids to be opened June 24: PLANS (No. of Sheets) 12; (Cost) $1.20; CROSS-SECTIONS (No. of Sheets) 10; (Cost) $1; (Total) $2.20.

VI-Kin-124, 134-E, A, bet. Rte. 10 and Hub, and bet. Corcoran and one mile east. Bids to be opened June 24: No Plans or Cross-Sections.

VII-L.A.-167-A and Bell, bet. Patata St. and Florence Ave. Bids to be opened June 25: PLANS (No. of Sheets) 8; (Cost) $0.80; CROSS-SECTIONS (No. of Sheets) 33; (Cost) $3.30; (Total) $4.10.

VII-Ven-Cam. State Hospital, at Cam. State Hosp. nr. Camarillo. Bids to be opened June 25: PLANS (No. of Sheets) 11; (Cost) $1.10; CROSS-SECTIONS (No. of Sheets) 32; (Cost) $3.20; (Total) $4.30.

VIII-SBd-43-J,K,L,. bet. Nat. Forest boundary and Victorville. Bids to be opened June 25: No Plans or Cross-Sections.

IX-Mno-40-A, bet. 1.3 and 2.2 miles north of the east entrance to Yosemite National Park. Bids to be opened June 24: PLANS (No. of Sheets) 5; (Cost) $.50; CROSS-SECTIONS (No. of Sheets) 42; (Cost) $4.20; (Total) $4.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

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I-Men - Hum-D.N-48-1-C, DI-CG-A. Viarous locations. No Plans or Cross-Sections.

III-Yol-Yub-Co. Various locations. No Plans or Cross-Sections.

IV-S.M-56-D, bet Farallone City and Rockaway B'ch: PLANS (No. Sheets) 19; (Cost) $1.90; CROSS-SECTIONS (No. of Sheets) 220; (Cost) $22; Total $23.90.

VI-Ker-140-A, bet. 3 and 4 miles northeast of Taft: PLANS (No. of Sheets) 6 ;(Cost) $.60; CROSS-SECTIONS (No. of Sheets) 12; (Cost) $1.20; (Total) $1.80.

IX-Mno-76-A,B, at grade crossings near Chalfant, Hammil, and 2.5 miles south of Benton: PLANS (No. of Sheets) 7; (Cost) $0.70; CROSS-SECTIONS) (No. of Sheets) 28; (Cost) $2.80; (Total) $3.50.

Checks for the above should be made payable to the Department of Public Works, Division of Highways,

and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS WANTED

HUMBOLDT COUNTY, Nevada—Until June 29, 2:30 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphaltic road-mix surface on a portion of the State highway system in Humboldt County, Route 8, Sections B, C, 31, D2, between Toll House and Nevada-Oregon State line, a length of approximately 60.95 miles.

The work involves:

(1) 4,768 tons asphaltic road material, Type SC-2;
(2) 364 tons asphaltic road material, Type MC-2;
(3) 60.95 miles roadmix;
(4) 60.95 miles finish roadway;
(5) 508 ea. culvert markers;
(6) 249 ea. guide posts;
(7) 1200 l.f. metal guard rail.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Pupblic Roads, Federal Office Bldg., San Francisco.

BIDS WANTED

UMATILLA and Grant Cos., Ore.—Until July 2, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, 316 New Postoffice Bldg., Portland, W. H. Lynch, District Engineer, or 23.521 miles improving the Pendleton-John Day bituminous surfacing project 33-B2, C3, D3, E2, F2, National Forest Road Project, located within the Whitman National Forest, Umatilla and Grant Counties.

The work involves:

(1) 500 c.y. unclassified excavation;
(2) 3,000 c.y. mile overhaul;
(3) 2,000 c.y. loading and placing aggregate and filler;
(4) 23.521 miles mixing and finishing bituminous surface;
(5) 1,500 tons MC-2 grade liquid asphalt;
(6) 140 tons RC-1 grade do.

Plans and specifications obtainable from the above office upon deposit of $10.00.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until July 9, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 7.1 miles surfacing with road-mix surfacing in Los Angeles County between Palmdale and Lancaster.

The work involves:

(1) 7,500 c.y. mineral aggregate (road-mix surf.);
(2) 700 tons liquid asphalt SC-2 (road-mix surf.);
(3) 108,500 sq. yds. asph. paint binder.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

YAVAPAI COUNTY, Ariz.—Pearson & Dickerson, Prescott, at $114,563 awarded contract by Arizona State Highway Commission, Phoenix, for construction on the Prescott-Flagstaff Highway, WPMH, 96-D, A.F.E. 7912. The work which extends from Jerome to Clarkdale, a distance of about 4⅔ miles, consists of grading and draining the roadway, furnishing and placing select material, aggregate base course and cutback plant mix; salvaging and relaying existing oil cake; and is to be completed on or before November 15, 1936.

BIDS OPENED

LAWNDALE, San Mateo Co., Cal.—J. P. Lawlor, 372 7th Avenue, San Francisco, at $8,206.35 submitted low bid to the town of Lawndale for the improvement of F Street from El Camina Real easterly.

The work involves:

(1) 4500 cu. yds. grading and preparation of subgrade;
(2) 152 cu. yds. steel reinforced concrete walls;
(3) 455 lin. ft. concrete curb and gutter;
(4) 3100 sq. ft. concrete sidewalks and floor;
(5) 64 lin. ft. concrete steps;
(6) 27 lin. ft. 4-in. diam. vitrified clay pipe drain;
(7) 260 lin. ft. 12-in. diam. concrete pipe storm sewer;
(8) 3 each, brick manholes capped with cast iron frames and covers
(9) 2 each brick catchbasins capped with cast iron frames and gratings;
(10) 54 lin. ft. pipe handrails;
(11) 7 cu. yds. concrete foundations for show room;
(12) 11 cu. yds. steel reinforced concrete foundations for floral shop;
(13) Moving and remodeling show room;
(14) Moving and remodeling floral shop;
(15) 9375 sq. ft. waterbound rock macadam base pavement;
(16) 9375 sq. ft. emulsified oil and rock screenings wearing surface

Total bids follow:

(A) J. P. Lawlor, San Francisco, $8,206.35.
(B) H. H. Smith, Daly City, $9,653.15.
(C) Chas. L. Harney, San Francisco, $11,160.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ .44	$ .53	$ .40
(2)	21.00	25.00	33.00
(3)	1.00	.85	1.00
(4)	.15	.155	.16
(5)	1.00	.70	4.00
(6)	.30	.30	.50
(7)	1.25	1.20	1.60
(8)	40.00	50.00	90.00
(9)	40.00	45.00	90.00
(10)	1.50	1.30	3.00
(11)	16.00	20.40	25.00
(12)	18.00	24.75	33.00
(13)	200.00	358.00	200.00
(14)	250.00	292.00	400.00
(15)	.03	.06	.05
(16)	.04	.03	.05

Bids held under advisement.

G. A. Kneese, engineer, 3282 Broadway, Redwood City.

BIDS WANTED

FERRY COUNTY, Washington—Until July 2, 10 A. M., bids will be received by the Bureau of Public Roads, 316 New Post Office Building, Portland, W. H. Lynch, District Engineer, for about 0.971 mi. improving the Republic-Kettle Falls (West Side) grading project 20-D, National Forest Road Project, located within the Colville National Forest, Ferry County Washington.

The work involves:

(1) 11 acres clearing;
(2) 6 acres grubbing;
(3) 75,200 cu. yds. unclassified excavation;
(4) 5400 lin. ft. rounding cut slopes;
(5) 130 lin. ft. reinforced concrete pipe, extra strength.

Plans and specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

YUMA COUNTY, Ariz. — White & Miller, Tucson, at $53,420 awarded contract by the Arizona State Highway Commission, Phoenix, for highway work on the Yuma - Gila Bend Highway, WPMH 82-A, AFE 8078. The work, which begins in Yuma and extends southerly about 3 miles, thence easterly about 1 mile, consists of furnishing and placing aggregate base course and widening the existing pavement with either cutback plant-mix or alternate, Laykold asphalt concrete, and is to be completed on or before October 15, 1936.

BIDS WANTED

UPPER SNAKE RIVER PROJECT, Idaho—Until July 2, 10 A. M., bids will be received by the Bureau of Reclamation, Ashton, Idaho, H. A. Parker, Construction Engineer, under Spec. No. 804-D, for construction of relocated roads at the Island Park reservoir, Upper Snake River Project, Idaho.

The work is located near Island Park, and the principal items of work involved are:

(1) 10.9 mi. machine grading for roads;
(2) 8100 cu. yds. all classes excavation for roads;
(3) 1500 sta. cu. yds. overhaul;
(4) 650 cu. yds. all classes excaxation for structures;
(5) 380 cu. yds. backfill;
(6) 225 cu. yds. concrete in strucs.;
(7) 200 cu. yds. riprap;
(8) Placing 44,500 lbs. reinforcement bars;
(9) Laying 548 lin. ft. 18-in. and 36-in. diam. corrugated metal pipe
(10) Erecting 46 MFBM timber in bridges;
(11) Constructing log abutments for one bridge.

Work shall be commenced within 30 calendar days and completed within 150 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainabale from the office of the Bureau of Reclamation, Ashton, Idaho, or Denver, Colorado, without charge to prospective bidders; to others, $1.25, not returnable.

CONTRACT AWARDED

CRESCENT CITY, Del Norte Co., Cal.—John Burman & Sons, Eureka, at $2438 (omitting patching) awarded contract by the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8187, for repairs to roadway leading from Crescent City to the Naval Direction Finder Station, Point St. George (Crescent City).

BIDS OPENED

SAN DIEGO COUNTY, Cal.—Morgan Bros., 5919 Maywood Ave., Huntington Park, at $8.45 per ton, total $3295.50 submitted low bid to the Division of Highways, E. E. Wallace, District Engineer, San Diego, for furnishing and applying liquid asphalt on about 9.2 miles in San Diego Co., between 6.5 miles east of Rincon and 1 mile west of Henshaw Dam, involving 390 tons of liquid asphalt, SC-2, in place.

The other bids were:

Regal Oil Co.—(1) $8.49; total, $3311.10
Square Oil Co.—(1) $8.99; total, $3,506.10.
Paulsen & March—(1) $9.56; total, $3728.40.
Gilmore Oil Co. — (1) $10.56; total, $4118.40.
Oilfield Trucking Co.—(1) $11.47; total, $4473.30.

CONTRACT AWARDED

TUOLUMNE COUNTY, Cal.—M.J.B. Constr. Co., 319 Elks Bldg., Stockton, at $63,529.30 awarded contract by the State Highway Commission, Sacramento, for about 2.4 miles grading and suurfacing with road-mix surfacing on untreated crushed gravel or stone base in Tuolumne County, between 3½ miles east of Sullivan Creek and Pooleys.

BIDS OPENED

LASSEN COUNTY, Cal.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $58,430.70 submitted low bid to the State Highway Commission, Sacramento, for about 13.3 miles grading and treating with liquid asphalt in Lassen County between Susanville and Milford and between Lake Leavitt and Johnstonville.

LASSEN COUNTY, Cal.—Until June 17, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 13.3 miles grading and treating with liquid asphalt in Lassen County between Susanville and Milford and between Johnstonville and Lake Leavitt.

The work involves:
(1) 475 M. gals. water;
(2) 20,600 c.y. rdwy. excav., unclass.
(3) 12,000 sta. yds. overhaul;
(4) 855 c.y. struc. excav.;
(5) 210 c.y. ditch and channel excav.
(6) 41,350 c.y. imported borrow;
(7) 313 sta. finishing rdwy.;
(8) 155 tons liquid asphalt SC-2 (penetration oil treatment);
(9) 80 tons liquid asphalt SC-4 (do);
(10) 315 c.y. sand (do);
(11) 490 tons liquid asphalt ROMC-4 (road-mix surf. treatment);
(12) 131,050 sq. yds. preparing, mixing, and shaping roadbed;
(13) 50 tons liquid asph. SC-2 (prime coat);
(14) 14,300 lbs. bar reinf. steel;
(15) 123 c.y. Class A Portland cement concrete (struc.);
(16) 310 l.f. 12-in. CMP;
(17) 102 l.f. 15-in. CMP;
(18) 666 l.f. 18-in. CMP;
(19) 276 l.f. 24-in. CMP;
(20) 144 l.f. 30-in. CMP;
(21) 52 l.f. 36-in. CMP;
(22) 116 l.f. 48-in. CMP;
(23) 80 l.f. CMP clean and relay;
(24) 6 c.y. concrete removal;
(25) 304 l.f. guard railing;
(26) 724 l.f. guard rail removal;
(27) 64 each culvert markers;
(28) 58 each monuments.

NOTE: The State will furnish CMP as more explicitly set forth in the special provisions.

Total bids follow:
(A) Fredericksen & Westbrook, Lower Lake, $58,430.70.
(B) Harms Bros., Doyle, $58,789.05.
(C) A. Teichert & Son, Inc., Sacramento, $62,728.05.
(D) Larsen Bros., Sacramento, $65,373.90.
(E) Isbell Const. Co., Reno, $68,801.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$1.00	$1.50	$2.00	$1.50	$1.50
(2)	.25	.25	.26	.20	.35
(3)	.01	.02	.01	.02	.02
(4)	1.10	1.25	1.25	1.00	1.50
(5)	1.10	1.00	1.00	1.00	1.00
(6)	.50	.50	.50	.60	.50
(7)	5.00	6.00	5.00	5.00	10.00
(8)	16.00	18.00	17.50	17.00	22.00
(9)	20.00	20.00	22.00	19.00	25.00
(10)	1.50	2.00	2.50	3.00	3.00
(11)	23.00	23.00	25.00	23.00	27.00
(12)	.05	.04	.06	.05	.06
(13)	15.00	17.00	17.00	17.00	22.00
(14)	.06	.06	.06	.07	.07
(15)	30.00	28.00	32.00	23.00	30.00
(16)	.20	.40	.30	1.25	.50
(17)	.20	.50	.40	1.50	.50
(18)	.20	.60	.45	2.00	.60
(19)	.20	.70	.60	3.00	.70
(20)	.20	.80	.65	4.00	.80
(21)	.30	90	.75	5.00	.90
(22)	.30	1.50	1.10	7.50	1.00
(23)	1.00	1.00	1.00	1.00	1.00
(24)	10.00	10.00	3.00	5.00	5.00
(25)	1.50	1.25	1.10	1.00	1.25
(26)	.50	.25	.15	.10	.15
(27)	2.50	3.00	3.00	3.00	3.50
(28)	2.50	3.00	3.00	3.00	3.50

BIDS OPENED

SAN FRANCISCO. — Lowrie Paving Co., Inc., 1540 16th St., at $34,514 submitted low bid to the Public Utilities Commission, City Hall, under S. F. W. D. Spec. No. 116, for the repaving of street and/or sidewalk openings where the paving has been removed for the San Francisco Water Department for the fiscal year ending June 30, 1937.

The work involves:
(1) 30,000 s.f. light traffic concrete paving base and wearing surf.;
(2) 100 s.f. heavy concrete with binder and wearing surface;
(3) 14,000 s.f. 6-in. Class E concrete pavement;
(4) 500 s.f. brick pavement on concrete base, inc. brick gutters;
(5) 100 s.f. asphaltic concrete, 3½-inch base with 1½-in. wearing surface;
(6) 400 s.f. basalt blocks on concrete base;
(7) 5,000 s.f. basalt blocks on sand;
(8) 47,000 s.f. all types sidewalk;
(9) 1,000 s.f. 2-in. sheet asph. wearing surface only;
(10) 100 s.f. 6-in. Class F concrete base only;
(11) 60,000 s.f. asphaltic concrete, 6-in. base with a 1½-in. wearing surface;
(12) 100 s.f. asphaltic concrete, 8-in. base with a 1½-in. binder course and a 1½-in. wearing surface;
(13a) 100 s.f. 4-in. base, oiled macadam;
(13b) 2,500 s.f. 8-in. base, do.

Total bids follow:
(A) Lowrie Paving Co., Inc., $34,514.
(B) Pacific Pavements Co., Ltd., $37-590.00.
(C) City and County of San Francisco, Dept. of Public Works, $43,319.
(D) Chas. L. Harney, $47,622.00.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$0.25	$0.27	$0.31	$0.32
(2)	.30	.50	.50	.60
(3)	.20	.20	.30	.28
(4)	.50	.60	.60	.70
(5)	.20	.25	.30	.25
(6)	.30	.35	.34	.70
(7)	.08	.12	.08	.10
(8)	.17	.19	.21	.28
(9)	.10	.12	.10	.20
(10)	.18	.20	.25	.13
(11)	.25	.27	.31	.32
(12)	.30	.50	.52	.60
(13a)	.06	.05	.06	.04
(13b)	.10	.10	.10	.10

Bids held under advisement.

BIDS WANTED

MARICOPA COUNTY, Ariz.—Until July 7, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Phoenix-Tempe Highway, WPMH 30; AFE 8071. The work which lies on East Van Buren Street, Phoenix, and extends from 16th St. to 24th St., consists of widening existing pavement with Portland cement concrete and resurfacing existing pavement with asphaltic concrete, and is to be completed on or before Nov. 15, 1936.

The principal items are:
10,400 sq. yds. grading under pave.;
74 tons asph. concrete base course;
2,350 tons asphaltic conc. top course;
925 tons asphaltic surface finish;
10,200 sq. yds. concrete pavement;
2,700 l.f. filling cracks;
150 sq. yds. removal of pavement;
3,600 sq. ft. burning pave. humps;
2 monument covers;
26 resetting manhole covers to grade.

Plans may be obtained at the office of T. S. O'Connell, State Highway Engineer, at Phoenix. Certified or cashier's check for 5% of the amount of the bid must accompany each proposal.

BIDS WANTED

LASSEN COUNTY, Cal. — Until June 20, 2 P. M., as previously reported, bids will be received by the Lassen-Modoc Joint Highway Dist. No. 14, at the office of District Engineer M. J. Tilley, Court House, Susanville, for grading, placing culverts, constructing one bridge and two cattle guards, on about 6.7 miles between Susanville and Adin, and also covering with binder material from an earth borrow pit about 2.9 miles now graveled, all in Lassen County.

The work involves:
(1) 800 cu. yds. earth binder, hauled one mile, Unit "A";
(2) 27,433 cu. yds. excavating and grading, Unit "B";
(3) Lump sum, constructing two cattle guards, Unit "B";
(4) 686 ft. placing metal culvert pipe, Unit "B";
(5) 145,000 sta. yds. overhaul, Unit "B";
(6) 5791 cu. yds. excavating and grading, Unit "C";
(7) 40,000 sta. yds. overhaul, Unit "C";
(8 Lump sum, one wood-stone bridge, Unit "C";
(9) 26 ft. placing culvert pipe with stone approaches, Unit "C".

Plans and specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

LINCOLN AND TILLAMOOK COS., Oregon—E. C. Hall, Eugene, at $328,675 awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for the improvement of 13,531 miles of the Salmon River Highway reconstruction surfacing and oil rock stockpiling Project FHEC 1-A4, B3, C4, National Forest Road Project, located within the Siuslaw National Forest, Lincoln and Tillamook Cunties.

BIDS WANTED

LYON AND MINERAL COUNTIES, Nevada—Until June 29, 2 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphaltic road-mix surface on a portion of the State highway system in Lyon and Mineral Counties, Route 3, Sections A3 and G, between 9½ miles east of Yerington and Schurz, a length of approximately 14.98 miles.

The work involves:
(1) 1,066 tons asphaltic road material, Type SC-2;
(2) 90 tons do, Type MC-2;
(3) 14.98 miles road-mix;
(4) 14.98 miles finish roadway;
(5) 178 each, culvert markers;
(6) 125 each, guide posts;
(7) Lump sum, cattle guard.

Plans and specifications available from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the Bureau of Public Roads, Federal Office Building, San Francisco.

BIDS OPENED

SAN FRANCISCO, Calif.—Pacific Sates Constr. Co., 708 Call Bldg., San Francisco, at $4,365 submitted low bid to the Department of Public Works, City Hall, for yard paving of the Farragut School on Holloway Ave., between Faxon and Capitol Aves.

Work consists of paving a portion of the yard now covered by temporary buildings, and construction of a flagpole, basketball backstop, handball court, etc. A concrete base -in. thick is to be laid and covered with asphalt wearing surface 1-in. thick.

Complete bids follow:

Pacific States Constr. Co.	$4,365.00
Charles L. Harney	4,6[illegible].00
Eaton & Smith	4,678.00
M. J. Lynch	5,220.00
Lowrie Paving Co.	5,250.00
Fay Improvement Co.	5,416.12

All bidders of San Francisco.

Bids held under advisement.

BIDS WANTED

CHURCHILL AND LANDER COS., Nevada—Until June 29, 2:15 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphaltic road-mix surface on a portion of the State highway system in Churchill and Lander Counties, Route 2, Sections E1, F & A, between ½ mile west of Eastgate and Campbell Creek Ranch, a length of approximately 18.28 miles.

The work involves:

(1) 6,680 tons crushed gravel or stone surface;
(2) 1,333 tons asphaltic road material, Type SC-2;
(3) 109 tons do, Type MC-2;
(4) 18.21 miles road-mix;
(5) 18.21 miles finish roadway;
(6) 137 each culvert markers;
(7) 356 each guide posts;
(8) 710 l.f. metal guard rail.

Plans and specifications available from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the Bureau of Public Roads, Federal Office Bldg., San Francisco.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Eaton & Smith, 715 Ocean Ave., at $1,039 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,948, for grading and draining the Turk St. slide opposite Baker Street.

BIDS OPENED

ALAMEDA, Alameda Co., Calif.—Heafey-Moore Co., 344 High Street, Oakland, at $24,211.60 submitted low bid to the Alameda City Council for the improvement of Maitland Drive, consisting of resurfacing the present pavement and other incidental work.

The work involves:

(1) 2117 tons asphaltic concrete leveling course;
(2) 1650 tons asphaltic top concrete, Type D;
(3) 3081 tons of crusher run base and shoulders;
(4) 8000 sq. ft. rock gutter;
(5) 18,000 sq. ft. ditch grading;
(6) 37,160 sq. ft. armor coat for shoulders;
(7) 130 l.f. 8-in. corrugated metal pipe culvert in place;
(8) 80 l.f. 8-in. do;
(9) 3 c.y. Class A concrete for headwalls.

Total bids follow:

(A) Heafey-Moore Co., Oakland, $24-211.60.
(B) Union Paving Co., San Francisco, $25,586.35.
(C) Ransome Co., Emeryville, $26,-643.30.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 4.10	$ 4.40	$ 4.50
(2)	4.10	4.50	4.75
(3)	1.90	1.75	2.00
(4)	.14	.15	.14
(5)	.03	.04	.03
(6)	.025	.03	.03
(7)	1.20	1.50	1.25
(8)	1.35	2.00	1.30
(9)	20.00	25.00	25.00

Bids held under advisement.

LOW BIDDER

KINGS COUNTY, Cal.—Stewart & Nuss, Inc., 410 Thorne Ave., Fresno, at $13,103.50 submitted low bid to the Division of Highways, R. M. Gillis, District Engineer, Fresno, for about 5.8 miles of armor coat surfacing and applying road-mix surface treatment to shoulders in Kings County, between westerly boundary and Kings River slough.

Complete bids will be given shortly.

BIDS OPENED

WASHOE COUNTY, Nevada—Dodge Constr. Inc., Fallon, at $201,765.49, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State highway system, in Washoe County, Route 1, Section A, from Lawton to Reno, a length of approximately 4.86 miles.

The work involves:

(1) 824 lin. ft. remove culvert pipe;
(2) 26 each, remove culvert headwalls and inlets;
(3) 209 cu. yds. remove concrete;
(4) 25,555 sq. yds. remove concrete pavement;
(5) 24,235 lin. ft. remove fence;
(6) 40 each, remove trees;
(7) 65,600 cu. yds. remove excavation
(8) 175,226 sta. yds. overhaul;
(9) 33,405 cu. yds. imported borrow;
(10) 26,555 cu. yds. select borrow;
(11) 2,590 cu. yds. structure excavation;
(12) 49,685 sq. yds. subgrade for pave.
(13) 4.86 miles shoulders;
(14) 4.86 mi. finish roadway;
(15) 9108 tons asphaltic concrete base course;
(16) 5227 tons asphaltic concrete leveling course;
(17) 5057 tons asphaltic concrete surface course;
(18) 1079 tons coarse aggregate;
(19) 174 tons key rock;
(20) 303 tons screenings;
(21) 97 tons emulsified asphalt penetration;
(22) 43 tons emulsified asphalt mixing
(23) 416 cu. yds. Class A concrete;
(24) 35 cu. yds. Class B concrete;
(25) 40,482 lbs. reinforcing steel;
(26) 1075 cu. yds. Cyclopean concrete;
(27) 272 cu. yds. hand placed rock wall
(28) 4850 lbs. castings;
(29) 188 lin. ft. 8-in. CMP (dipped);
(30) 564 lin. ft. 12-in. CMP (dipped);
(31) 434 lin. ft. 15-in. CMP (dipped);
(32) 670 lin. ft. 18-in. CMP (dipped);
(33) 634 lin. ft. 24-in. CMP (dipped);
(34) 80 lin. ft. 36-in. CMP ,dipped);
(35) 116 lin. ft. 15-in. CMP siphon pipe (dipped);
(36) 213 lin. ft. relay culvert pipe;
(37) 42 each move pipe culvert headwalls;
(38) 15,821 lin. ft. construct fence;
(39) 14,018 lin. ft. reconst. fence;
(40) 51,276 lin. ft. side forms;
(41) 4.86 miles traffic stripe;
(42) 96 each culvert markers;
(43) 50 each guide posts;
(44) 2000 lin. ft. metal guard rail;
(45) Lump sum, move signs;
(46) Lump sum, move buildings;
(47) 2 each, reconst railroad crossings
(48) 89 each monuments;
(49) Lump sum, miscellaneous items;
(50) 1400 hours, traffic control unit;
(51) 60 tons asphaltic road material, Type SC-1A.

Total bids follow:

(A) Dodge Construction, Inc., Fallon, $201,765.49.
(B) Isbell Constr. Co., Reno, $217,-134.20.
(C) Pacific Constr. Co., San Francisco, $221,342.19.
(D) Jones & King, Hayward, $223,-011.21.
(E) Engineer's Estimate, $213,696.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$1.00	$ .75	$ .75	$ .75	$ .75
(2)	5.00	10.00	7.50	7.50	7.50
(3)	5.00	5.00	4.00	4.30	4.00
(4)	.30	.10	.32	.26	.25
(5)	.02	.04	.02	.02	.02
(6)	10.00	5.00	10.00	9.00	10.00
(7)	.35	.45	.35	.36	.35
(8)	.02	.01	.02	.015	.02
(9)	.30	.36	.40	.38	.35
(10)	.35	.50	.45	.59	.40
(11)	1.50	1.25	1.25	1.25	1.00
(12)	.10	.10	.12	.09	.12
(13)	200.00	250.00	200.00	155.00	150.00
(14)	200.00	250.00	300.00	275.00	200.00
(15)	3.50	3.57	3.80	3.80	3.90
(16)	3.50	3.84	4.00	3.95	4.10
(17)	3.75	4.13	4.15	4.20	4.25
(18)	3.00	3.36	3.00	3.50	2.75
(19)	3.00	3.36	3.00	3.60	2.90
(20)	3.00	3.36	3.00	3.70	2.90
(21)	20.00	25.00	25.00	24.00	25.00
(22)	22.00	29.00	28.00	27.15	28.00
(23)	25.00	26.10	25.00	23.65	27.00
(24)	25.00	26.10	25.00	28.75	26.00
(25)	.06	.06	.06	.065	.06
(26)	14.00	15.00	15.00	17.00	15.00
(27)	6.00	5.00	4.50	4.30	4.50
(28)	.15	.10	.10	.13	.15
(29)	1.00	1.20	1.25	1.05	1.00
(30)	1.25	1.40	1.50	1.30	1.25
(31)	1.50	1.65	1.75	1.60	1.50
(32)	1.75	1.80	2.00	1.80	2.00
(33)	2.50	2.70	3.00	2.70	3.00
(34)	5.00	5.00	5.00	5.45	4.50
(35)	2.50	2.10	2.25	2.50	1.75
(36)	1.00	.75	.50	.50	.50
(37)	10.00	10.00	10.00	10.00	10.00
(38)	.15	.195	.15	.12	.12
(39)	.10	.05	.10	.07	.08
(40)	.15	.15	.20	.21	.15
(41)	100.00	146.00	90.00	80.00	90.00
(42)	2.50	3.50	3.50	3.50	3.50
(43)	2.00	3.00	3.00	3.00	3.00
(44)	1.25	1.25	1.50	1.30	1.25
(45)	300.00	450.00	100.00	125.00	100.00
(46)	300.00	725.00	700.00	750.00	700.00
(47)	150.00	400.00	200.00	215.00	200.00
(48)	3.00	3.50	3.50	4.00	3.50
(49)	300.00	300.00	100.00	125.00	100.00
(50)	3.00	3.50	2.75	3.25	2.75
(51)	12.50	20.00	20.00	17.50	20.00

BIDS WANTED

CHURCHILL COUNTY, Nevada—Until June 24, 2:30 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State highway system in Churchill County, bet. a point approximately six miles east of Fallon and Stillwater, a length of approximately 9.41 miles.

The work involves:

(1) 18,329 l.f. remove fence;
(2) 20 l.f. remove culvert pipe;
(3) 15 ea. remove culverts (wooden)
(4) Lump sum, remove bridges;
(5) 16,960 c.y. roadway excavation;
(6) 2,560 sta. yds. overhaul;
(7) 122,000 c.y. select borrow;
(8) 2,290 c.y. structure excavation;
(9) 9.37 miles subgrade;
(10) 9.41 miles finish roadway;
(11) 30,470 tons crush. gravel or stone surface;
(12) 622 c.y. Class A concrete;
(13) 58 c.y. Class B concrete;
(14) 151 c.y. Class D concrete;
(15) 165 l.f. concrete rail;
(16) 94,820 lbs. reinforcing steel;
(17) 1,721 lbs. structural steel;
(18) 53.5 MFBM redwood lumber;
(19) 626 l.f. 12-in. corru. metal pipe (dipped);
(20) 184 l.f. 15-in. do;
(21) 496 l.f. 18-in. do;
(22) 284 l.f. 24-in. do;
(23) 26 l.f. 30-in. do;
(24) 20 l.f. relay culvert pipe;
(25) 116 each, monuments;
(26) 17,251 l.f. reconstruct fence;
(27) Lump sum, irrigation structures;
(28) lin. ft. move building;
(29) 14 lin. ft. move mail boxes;
(30) 4,482 M. gals. water.

Plans and specifications available from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francsico.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—A Teichert & Son, Inc., 1846 37th Street, Sacramento, at $49,772.95 awarded contract by the State Highway Commission, Sacramento, for about 0.6 mile grading and paving with asphalt concrete and Portland cement concrete in Sacramento between C Street and the American River

CONTRACT AWARDED

SAN MATEO, San Mateo Co., Calif. —Union Paving Co., Call Bldg., San Francisco, at $25,210 submitted low bid and awarded contract by the San Mateo City Council, E. W. Foster, City Clerk, for the improvement of N. Fremont St., N. Grant St., and N. Humboldt St., from the north line of Mt. Diablo Ave. to the southerly line of Indian Ave., and of East Santa Inez Ave. from N. Fremont St. to N. Humboldt St.

The work involves:
(1) 1,500 c.y. grading;
(2) 7,500 l.f. curb and gutter;
(3) 3,320 sq. ft. sidewalks;
(4) 120,000 sq. ft. pavement;
(5) 100 l.f. 12-in. concrete pipe;
(6) 4 catchbasins;
(7) 30 l.f. 6-in. sewer;
(8) 2,700 l.f. 4-in. lateral sewer.

Total bids follow:
(A) Union Paving Co., San Francisco, $25,210.00.
(B) Eaton & Smith, San Francisco, $26,769.00.
(C) W. J. Tobin, Oakland, $27,424.80.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 0.50	$ 0.25	$ 0.80
(2)	.60	1.00	.80
(3)	.15	.16	.187
(4)	.11	.10	.094
(5)	1.00	1.60	1.80
(6)	75.00	78.00	90.00
(7)	1.00	1.00	1.68
(8)	.50	.40	.80

E. P. Wilsey, City Engineer.

CONTRACT AWARDED

MONTEREY COUNTY, Cal.—L. A. Brisco, Arroyo Grande, at $14,950.50 awarded contract by the State Highway Commission, Sacramento, for applying road-mix surface treatment to existing shoulders on about 12.2 miles in Monterey County, between Seaside Road and Castroville.

BIDS OPENED

BUTTE AND TEHAMA COS., Cal. —Lee J. Immel, 1031 Evelyn St., Berkeley, at $17.39 per ton, total $9947.08 submitted low bid to the Bureau of Public Roads, Federal Office Bldg., San Francisco, for applying bituminous treatment (light surface application) on about 25.783 miles of Sections F and G and portions of Sections A, B, C, D and E of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Butte and Tehama Counties.

The work requires 572 tons or liquid asphaltic road material, Type SC-2.

Complete bids follow:
Lee J. Immel, Berkeley: $17.39 per ton; total, $9947.08.
Pacific Truck Service Inc., San Jose: $$20.72 per ton; total, $11,851.84.
C. F. Fredrickson & Sons, Lower Lake: $20.75 per ton; total, $11,869.
Helwig Constr. Co., Sebastopol: $20.85 per ton; total, $11,926.20.
Engineer's Estimate: $20 per ton; total, $11,440. *

AWARD RECOMMENDED

BUTTE AND TEHAMA COUNTIES Cal.—Award of a contract to Lee J. Immel, 1031 Evelyn St., Berkeley, at $17.39 per ton, total $9,947.08 for applying bituminous treatment (light surface application) on about 25.783 miles of Sections F and G and portions of Sections A, B, C, D, and E of Route 21, the Deer Creek Meadows Natioonal Forest Highway, Lassen National Forest, Butte and Tehama Counties, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

CONTRACT AWARDED

ALAMEDA AND CONTRA COSTA Counties, Cal.—Union Paving Co., Call Bldg., San Francisco, at $209,-335.50 awarded contract by the State Highway Commission, Sacramento, for about 3.1 miles grading and surfacing with crusher run base and plant-mixed surfacing in Alameda and Contra Costa Counties, between Camelia Street and San Pablo Ave.

CONTRACT AWARDED

STANISLAUS COUNTY, Cal.—Stewart M. McGaw, 425 Lexington Ave., Stockton, at $44,163.50 awarded contract by the State Highway Commission, Sacramento, for about 4.2 miles grading and surfacing with bituminous treated crushed gravel or stone (plant mixed) in Stanislaus County, between Turlock and Keyes.

CONTRACT AWARDED

SAN FRANCISCO—A. G. Raisch, 1 De Haro St., at $65,065.65 awarded contract by the Department of Public Woorks, City Hall, under Spec. No. 18,926, for the reconstruction and widening of Harrison St., between Second and Fifth Sts., a PWA project.

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until June 24, 7:30 P. M., bids will be received by Modesto City Council, H. E. Gragg, City Clerk, 717 Tenth St., Modesto, for resurfacing existing asphalt concrete pavement on H Street From Fifth to Ninth Streets; J Street from Ninth Street to McHenry Ave.; HcHenry Ave. from J Street to Stoddard Avenue.

The work involves:
(1) 291,000 sq. ft. resurface pavement

Estimated cost $12,500. Work will be financed by the city's share of state gasiline tax funds.

Specifications may be obtained at the office of City Engineer Frank J. Rossi. *

BIDS WANTED

SANTA BARBARA COUNTY, Cal. —Until June 30, 2 P. M., bids will be received by State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying road-mix surface treatment to about 7.7 miles existing shoulders, between Zaca and Los Alamos, Santa Barbara County.

Specifications may be obtained at the above address. *

LOW BIDDER

YUMA COUNTY, Ariz. — White & Miller, Tucson, at $53,410 submitted low bid to Arizona the State Highway Commission, Phoenix, for highway work on the Ylma - Gila Bend Highway, WPMH 82-A, AFE 8078. The work, which begins in Yuma and extends southerly about 3 miles, thence easterly about 1 mile, consists of furnishing and placing aggregate base course and widening the existing pavement with either cutback plant-mix or alternate, Laykold asphalt concrete, and is to be completed on or before October 15, 1936.

The principal items and approximate quantities are:
37,200 sq. yds. grading under pavement;
7,600 tons aggregate base course;
1,300 tons shoulder material;
650 lin. ft. curb and gutter;
7,300 sq. ft. valley gutter;
1,250 lin. ft. removal of 26-in. wood pipe;
4,430 tons plant mix;
177 tons cutback asphalt;
146 tons emulsified asphalt;
4.0 miles placing plant mix;
1,050 tons screenings;
117 tons asphaltic sidewalk;
180 M gals. sprinkling;
85 hours rolling;

Alternate Items

9,500 tons aggregate base course;
970 tons shoulder material;
3,550 tons Laykold asphaltic concrete;
77 tons Laykold tempering fluid;
143 tons asphaltic cement;
19 M gals. water for Laykold asp. concrete;
4.0 miles placing Laykold asphalt concrete and other incidental items.

W. E. Hall Co., Phoenix, submitted he second low bid at $55,554.

COMPLETE BID LISTING

CLARK COUNTY, Nevada—J. C. Compton Co., McMinnville, at $26,-829.52, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of an asphaltic road-mix surface on a portion of the State highway system in Clark County, between Logandale and a point 0.74 mile south of Overton, Route 12, Section B2, a length of approximately 6.21 miles.

The work involves:
(1) 479 tons asphaltic road material, Type SC-2;
(2) 44 tons asphaltic road material, Type MC-2;
(3) 6.46 miles road-mix;
(4) 6.46 miles finished roadway;
(5) 62 each culvert markers;
(6) 1692 lin. ft. remove fence;
(7) 72 lin. ft. remove culvert pipe;
(8) 4 each remove culvert (wooden)
(9) 30 each, remove trees;
(10) 1070 cu. yds. roadway excavation
(11) 9040 cu. yds. select borrow;
(12) 300 cu. yds. structure excavation
(13) 0.74 mile subgrade;
(14) 1210 cu. yds. load, haul & spread gravel surface;
(15) 106 M. gals. water;
(16) 66 cu. yds. Class A concrete;
(17) 9 cu. yds. Class B concrete;
(18) 7600 lbs. reinforcing steel;
(19) 16 cu. yds. dry rubble masonry;
(20) 48 cu. yds. cement rubble masonry;
(21) 138 lin. ft. 18-in. CMP;
(22) 120 lin. ft. 24-in. CMP;
(23) 52 lin. ft. relay culvert pipe;
(24) 34 each monuments;
(25) 1581 lin. ft. reconstruct fence;
(26) lump sum, construct railroad crossing.

Total bdis follow:
(A) J. C. Compton, McMinnville, Oregon, $26,839.52.
(B) U. B. Lee, San Leandro, $28,-412.70.
(C) Engineer's Estimate, $25,623.36.

Unit bids follow:

	(A)	(B)	(C)
(1)	$22.00	$20.00	$20.00
(2)	35.00	30.00	27.50
(3)	450.00	700.00	500.00
(4)	150.00	100.00	100.00
(5)	2.50	3.00	2.50
(6)	.05	.05	.03
(7)	.60	1.00	.75
(8)	5.00	5.00	5.00
(9)	8.00	10.00	10.00
(10)	.40	.50	.45
(11)	.40	.50	.40
(12)	1.50	1.50	1.50
(13)	100.00	200.00	200.00
(14)	.30	.50	.40
(15)	2.00	3.00	2.00
(16)	32.00	30.00	30.00
(17)	32.00	30.00	30.00
(18)	.08	.10	.10
(19)	10.00	10.00	7.00
(20)	16.00	15.00	15.00
(21)	2.00	2.00	2.00
(22)	3.00	3.00	3.00
(23)	1.00	1.00	.75
(24)	4.00	5.00	4.00
(25)	.12	.10	.10
(26)	250.00	200.00	175.00

CONTRACT AWARDED

HAYWARD, Alameda Co., Calif.—Jones & King, Jackson St., Hayward at $1,365 submitted low bid and were awarded contract by the Hayward City Council for armor coating on Alice and Park Streets.

Lee J. Immel, Berkeley, at $1,984 submitted the only other bid.

BIDS WANTED

COCONINO COUNTY, Ariz.—Until July 7, 10 A. M., bids will be received by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for approximately 4.28 miles grading on Section D of Route 3, the Flagstaff-Clints Well National Forest Highway, Coconino County.

The work involves:
(1) 24.5 acres clearing;
(2) 11,500 c.y. unclass. excav.;
(3) 360 c.y. do. for structures;
(4) 44,400 c.y. do. for borrow;
(5) 6,200 sta. yds. overhaul;
(6) 12,500 c.y. mile borrow haul;
(7) 12,000 c.y. subgrade reinf.;
(8) 281 c.y. Class A concrete;
(9) 42,900 lbs. reinforcing steel;
(10) 238 c.y. cement rubble masonry;
(11) 600 l.f. CMP in place;
(12) 36 l.f. remove and relay existing CMP;
(13) 18 l.f. relay stockpiled CMP;
(14) 5,200 l.f. Type 1 protection ditch;
(15) 1,220 l.f. remove existing fence;
(16) 1,650 l.f. fence;
(17) 2 each, cattle guards, in place.

Plans and specifications obtainable from the office of the Bureau of Public Roads, 414 Title & Trust Building, Phoenix, and Federal Office Bldg., San Francisco, upon deposit of $10. Checks should be certified and made payable to the U. S. Treasurer.

BIDS WANTED

TEHAMA COUNTY, Cal.—Until July 2, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for grading a portion of Sections A and C of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Tehama County.

The work involves:
(1) 30,500 c.y. unclass. excav.;
(2) 120 c.y. do for structures;
(3) 84,000 sta. yds. overhaul;
(4) 0.567 mile finishing earth-graded road;
(5) 154 l.f. corrugated metal pipe;
(6) 102 l.f. remove and relay CMP;
(7) 11 c.y. concrete;
(8) 700 lbs. reinforcing steel;
(9) 18 tons asphaltic road material, Type SC-2.
(10) 240 l.f. wood guard rail.

Plans and specifications obtainable from the above office upon deposit of $10. Checks should be certified and made payable to the U. S. Treasurer.

BIDS WANTED

GILA COUNTY, Ariz.—Until July 9, 10 a.m., bids will be received by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, Ariz., for grading on Section D and placing subgrade reinforcement on Sections B, C, and D of Route 11, the Payson-Colcord Mountain National Forest Highway, Tonto National Forest, Gila County.

The length of the project is 8.164 miles, and the principal items of work involved are:
(1) 4 A. clearing;
(2) 9,700 c.y. unclassified excavation.
(3) 362 c.y. do. for structures;
(4) sta. yds. overhaul;
(5) 15,000 c.y. disintegrated granite subgrade reinforcement;
(6) Alt. to Item 5) 15,000 tons crushed gravel subgrade reinforcement;
(7) 0.71 MGBM untreated timber;
(8) 1,610 l.f. type 1 protection ditch;
(9) 98 c.y. concrete;
(10) 11,000 lbs. reinforcing steel;
(11) 205 c.y. cement rubble masonry;
(12) 244 l.f. C.M.P. in place;
(13) One cattle guard, in place;
(14) 275 l.f. remove existing fence;
(15) 400 l.f. fence in place;
(16) 8 each, right of way monuments.

Plans and specifications obtainable from the office of the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, or Federal Office Bldg., San Francisco, upon deposit of $10.

Checks should be certified and made payable to the United States Treasurer.

BIDS WANTED

SIERRA COUNTY, Cal.—Until July 7, 2 p.m., bids will be received by the Bureau of Public Roads, Federal Bldg. San Francisco, for 3.7 miles grading on Section C of Route 27, the Sierraville Hobart National Forest Highway, Tahoe National Forest, Sierra County.

The work involves:
(1) 25 A. clearing;
(2) 66 A. cleanup clearing;
(3) 51,000 c.y. unclassified excavation;
(4) 6,500 c.y. do. for borrow;
(5) 880 c.y. do. for structures;
(6) 42,800 sta. yds. overhaul;
(7) 1,320 c.y.mi. borrow haul;
(8) 160 c.y. Class A concrete;
(9) 24 c.y. Class B concrete;
(10) 166 c.y. Class D concrete;
(11) 36 c.y. Class S concrete;
(12) 100 c.y. handlaid riprap,
(13) 54,000 lbs. reinforcing steel;
(14) 1,356 l.f. C.M.P.
(15) 7 c.y. crushed rock or gravel for backfill;
(16) 6 sq.yds. mortar backfill seal;
(17) 2,700 l.f. Type 1 protection ditch;
(18) 38 each right of way monuments
(19) 350 lbs. bronze bearing plates.

Plans and specifications obtainable from the office of the Bureau of Public Roads, Federal Office Bldg., upon deposit of $10. Check should be certified and made payable to the U. S. Treasurer.

CONTRA COSTA COUNTY—5.2 Mi. Grade & Surface

CONTRA COSTA CO., Calif.—Union Paving Co., 624 Call Bldg., San Francisco, at $293,291 submitted low bid to the State Highway Commission, Sacramento, for about 5.2 miles grading and surfacing with plant-mixed surfacing on crusher run base in Contra Costa County between two miles west of Lafayette and Walnut Creek.

The work involves:
(1) 273 sta. clearing and grubbing right of way;
(2) 3,000 M. gals. water;
(3) 292,000 c.y. rdwy. excav., unclass.
(4) 3,000 c.y. ditch and channel excavation;
(5) 4,400,000 sta. yds. overhaul;
(6) 40,000 c.y. imported borrow;
(7) 4,600 c.y. struc. excav.;
(8) 1,230 c.y. existing concrete removed and disposed of;
(9) 273 sta. finishing rdwy.;
(10) 31,500 tons crusher run base;
(11) 16,700 tons mineral agg. (plant-mixed surf.);
(12) 806 tons liquid asphalt MC-5 or MC-extra heavy (do);
(13) 103 tons liquid asph. MC-2 (prime coat);
(14) 72 tons liquid asphalt MC-3 (seal coat);
(15) 930 tons screenings (seal coat & shoulders);
(16) 66 tons liquid asphalt SC-1A (shoulders);
(17) 47 tons liquid asphalt (SC-2 (do);
(18) 94,000 lbs. bar reinf. steel;
(19) 930 c.y. Class A Portland cement concrete (struc.);
(20) 1,000 c.y. light riprap;
(21) 300 l.f. 8-in. CMP;
(22) 2,620 l.f. 18-in. CMP;
(23) 420 l.f. 24-in. CMP;
(24) 186 l.f. 36-in. CMP;
(25) 274 l.f. 48-in. CMP;
(26) 5,000 l.f. 8-in. perf. metal pipe underdrains;
(27) 800 c.y. rock filling material (underdrains);
(28) 120 l.f. existing culverts cleaned and salvaged;
(29) 376 l.f. existing culverts cleaned and relaid;
(30) 10 each spillway assemblies;
(31) 2,000 l.f. laminated guard railing;
(32) 140 each guide posts;
(33) 80 each culvert markers;
(34) 10 miles new property fence;
(35) 25 each drive gates;
(36) 100 each monuments complete in place.

Total bids follow:
(A) Union Paving Co., San Francisco, $293,291.00.
(B) John Carlin & Granfield, Farrar & Carlin, San Francisco, $314,037.40.
(C) A. Teichert & Son, Inc., Sacramento, $328,169.00.
(D) D. McDonald, Sacramento, $328,-329.60.
(E) Guy F. Atkinson Co., San Francisco, $329,876.50.
(F) George Pollock Co., Sacramento, $347,841.00.
(G) Hanrahan Co., San Francisco, $359,152.80.
(H) Wood & Bevanda, Stockton, $361-814.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$40.00	$ 20.00	$ 25.00	$ 30.00	$ 60.00	$ 32.00	$ 32.00	$ 30.00
(2)	1.50	1.00	1.00	1.50	1.00	2.00	1.20	1.50
(3)	.22	.30	.24	.26	.32	.30	.31	.34
(4)	1.00	1.25	.75	1.25	1.25	1.25	.80	1.50
(5)	.003	.004	.0035	.005	.005	.005	.003	.005
(6)	.60	.70	.67	.50	.48	.70	.70	.75
(7)	1.50	1.50	1.10	1.50	1.50	1.25	1.30	2.00
(8)	2.00	3.00	2.50	3.00	4.00	3.00	1.50	2.50
(9)	10.00	7.00	5.00	10.00	7.50	10.00	9.00	10.00
(10)	1.70	1.65	2.40	2.00	1.65	1.90	2.20	2.00
(11)	1.85	1.85	2.53	2.50	2.00	2.20	3.00	2.25
(12)	18.00	18.60	17.50	20.00	17.50	19.00	18.00	19.00
(13)	18.00	18.60	22.00	20.00	18.50	20.00	22.00	19.00
(14)	18.00	18.60	22.00	20.00	18.50	20.00	22.00	19.00
(15)	3.00	2.50	3.00	2.50	2.50	3.00	3.20	3.00
(16)	15.00	11.50	20.00	12.00	11.50	15.00	14.00	14.00
(17)	15.00	13.00	21.00	13.00	12.50	16.00	15.00	14.00
(18)	.05	.015	.045	.05	.045	.05	.06	.05
(19)	19.00	21.00	20.00	20.00	20.00	25.00	25.00	20.00
(20)	5.00	3.00	3.50	4.50	3.00	3.50	4.00	4.00
(21)	1.10	.90	1.00	1.00	1.00	1.00	1.00	1.00
(22)	2.00	1.75	1.70	1.80	1.75	1.75	1.70	2.25
(23)	2.60	2.40	2.65	2.60	2.50	2.50	2.80	3.00
(24)	5.00	4.25	5.00	1.80	4.00	4.50	5.00	4.00
(25)	7.50	5.95	7.00	7.70	6.50	6.50	8.00	5.00
(26)	1.10	.95	1.00	.90	1.00	1.00	.90	1.00
(27)	2.50	2.25	3.00	1.80	2.50	3.50	2.20	3.00
(28)	.50	.50	.75	.50	.75	.75	.60	1.00
(29)	1.00	1.00	1.00	1.00	1.25	1.00	.80	1.50
(30)	16.00	15.00	15.00	15.00	15.00	15.00	14.00	20.00
(31)	1.25	1.00	1.00	1.00	1.25	1.35	1.00	1.00
(32)	2.00	2.50	2.50	2.00	2.50	3.00	1.80	2.50
(33)	2.00	2.00	2.50	2.00	2.50	3.25	2.00	2.50
(34)	600.00	600.00	700.00	600.00	600.00	700.00	800.00	625.00
(35)	16.00	15.00	20.00	15.00	20.00	20.00	25.00	20.00
(36)	3.00	2.50	3.00	3.00	3.00	3.50	3.00	3.00

BIDS WANTED

FERNDALE, Humboldt Co., Cal.—Until July 5, 8 P. M., bids will be received by the Ferndale Town Council, S. Christensen, City Clerk, City Hall, for surfacing 122,588 sq. ft. of streets with asphaltic emulsion, as follows:

(1) Berding St., between Ocean Ave. and the birdge, 525 ft. 44 ft. wide, 23,100 sq. ft.;
(2) Berding St., between Rose and Herbert St., 736 ft. 20 ft. wide, 14,720 sq. ft.;
(3) Francis St., between Ocean Ave. and the bridge, 534 lin. ft. 50 ft. wide and 100 ft. 25 ft. wide, 29,200 sq. ft.
(4) Eugene St., between Berding and Francis Sts., 337 ft. 44 ft. wide. 14,828 sq. ft.;
(5) Fern St., between Main and Berding St., 345 18 ft. wide, 6210 sq. ft.
(6) Lewis St., between Main and Berding Sts., 345 ft. 34 ft wide, 11,730 sq. ft.;
(7) Fifth St., between Ocean & Shaw Aves., 600 ft. 38 ft. wide, 22,800 sp. ft.;

Estimated cost, $3500.

Plans and specifications obtainable from the above office.

M. W. Worswick, City Engineer.

AWARD RECOMMENDED

PLUMAS COUNTY, Cal.—Award of a contract to C. F. Fredericksen and Sons, Lower Lake, at $6,015.30 for bituminous treatment (light surface application) on 6.285 miles of Sections A and B of Route 20, the Almanor National Forest Highway, Plumas National Forest, Plumas County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

It was previously reported that Helwig Const. Co., Sebastopol, was low bidder at $5,966.87. Due to an error in the bid, the total amount should be $6,066.15.

BIDS WANTED

WASHOE COUNTY, Nev. — Until June 24, 2 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphaltic road-mix surfacing on a portion of the state highway system in Washoe County, from Sparks to Junction Route 33; Junction Route 3 to United Airport; Peckham Lane, and Plumas St. from south Reno City limits via Moana Lane to junction with Route 3, a length of approximately 7.98 miles.

The work involves:

(1) 473 tons asphaltic road material, Type SC-2;
(2) 54 tons do, Type MC-2;
(3) 5.23 miles road-mix;
(4) 2.75 miles scarify and remix road-mix surface;
(5) 7.89 miles finish roadway.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

BIDS WANTED

NYE COUNTY, Nevada—Until June 24, 3 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphaltic road-mix surface on a portion of the state highway system in Nye County, Route 4, Section A1, between Tonopah to West Forest boundary, a length of approximately 15.72 miles.

The work involves:

(1) 1122 tons asphalt road material (Type SC-2);
(2) 95 tons asphalt road material (Type MC-2);
(3) 15.72 miles road-mix surfacing;
(4) 15.72 miles finishing roadway;
(5) 164 culvert markers.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

30—RESERVOIRS & DAMS

COMPLETE BID LISTING

NATIONAL CITY, San Diego Co., Cal.—Daley Corp., 4430 Boundary St. San Diego, at $43,616.75, as previously reported, submitted low bid to the California Water & Telephone Co., 19 W. 9th St., National City, for the construction of the Judson reservoir dam for distribution purposes in the Sweetwater area. The dam will be a rolled earth fill structure, 60 ft. high and 700 ft. long, with a storage capacity of 210,000,000 gallons.

The work involves:

(1) 1000 cu. yds. stripping for dam foundation—wasted material;
(2) 4000 cu. yds. stripping for dam foundation—reused material;
(3) 3000 cu. yds. stripping for borrow pits;
(4) 850 cu. yds. excav. for outlet tower and pipe, overflow structure and pipe, spillway structures and pipes;
(5) 600 cu. yds. backfilling for outlet tower and pipe, overflow structure and pipe, spillway structures and pipes;
(6) 82,000 cu. yds. earth fill in embankment;
(7) 4500 cu. yds. cobble blankets on dam;
(8) 170 cu. yds. all concrete work;
(9) 250 bbls. furnishing cement;
(10) 13,000 lbs. placing reinf. steel and reinf. mesh;
(11) 270 ft. placing 25x¼-in., welded steel outlet pipe;
(12) 115 ft. placing 18-in., 10-gauge welded steel overflow pipe;
(13) 885 ft. placing 24-in., 10-gauge welded steel pipe (spillway pipes;)
(14) 2 placing 24-in. gate valves;
(15) Installing derrick complete with 1500-lb. Wright hand winch with chain and hook;
(16) 5000 lbs. placing all steel other than items 9, 10, 11, 12, 13 and 14;
(17) 1000 sq. ft. painting metal work;
(18) 4500 cu. yds. canal excavation.

Total bids follow:

Daley Corp., San Diego, $43,616.75.
E. Penn Watson Jr., San Diego, $46,600.
A. S. Vinnell Co., Los Angeles, $47,589.
C. R. Butterfield, San Pedro, $49,915.
C. F. Robbins, Los Angeles, $53,367.50
V. R. Dennis Constr. Co., San Diego, $59,466.25.
Engineer's Estimate, $44,916.

LOW BIDDER

BONNEVILLE DAM, Ore.—Collins Concrete & Steel Pipe Co., foot of N Albina, Portland, at $47,580, less 1% discount, submitted low bid to the U.

DOUGLAS COUNTY, NEV. — 3.66 Mi. Highway — (State)

DOUGLAS COUNTY, Nev.—Nevada Rock & Sand Co., 949 E. 4th Street, Reno, at $51,822.70, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State highway system in Douglas County from the junction of State Route 3 to Genoa, a length of approximately 3.66 miles.

The work involves:

(1) 2965 lin. ft. remove fence;
(2) 225 lin. ft. remove culvert pipe;
(3) 3 each, remove concrete culvert;
(4) 9 each, remove timber bridges;
(5) 7400 cu. yds. roadway excavation
(6) 44,278 cu. yds. select borrow;
(7) 450 cu. yds. structure excavation
(8) 3.63 mi. subgrade;
(9) 3.66 mi. finish roadway;
(10) 15,000 tons crushed gravel or stone surface;
(11) 205 cu. yds. Class A concrete;
(12) 9 cu. yds. Class B concrete;
(13) 21,400 lbs. reinforcing steel;
(14) 62.4 MFBM untreated Douglas Fir;
(15) 19.3 MFBM Redwood;
(16) 2100 lin. ft. treated piles (Douglas fir);
(17) 75 each drive treated piles;
(18) 492 lin. ft. 15-in. CMP (dipped);
(19) 348 lin. ft. 18-in. CMP (dipped);
(20) 66 lin. ft. 24-in. CMP (dipped);
(21) 137 lin. ft. relay culvert pipe;
(22) 18 each monuments;
(23) 2955 lin. ft. reconstruct fence;
(24) 2 each, remove trees.

Total bids follow:

(A) Nevada Rock & Sand Co., Reno, $51,822.70.
(B) U. B. Lee, San Leandro, $54,498.30.
(C) J. A. Casson, Hayward, $55,607.40
(D) Isbell Constr Co., Reno, $56,884.67.
(E) Pacific Constr Co., San Francisco, $57,483.30.
(F) Engineer's Estimate, $60,026.52.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .05	$ .02	$ .02	$ .03	$ .02	$ .02
(2)	1.00	.30	.75	1.50	.50	50
(3)	25.00	15 00	50.00	50.00	50.00	25.00
(4)	135.00	200.00	215.00	100.00	50.00	225.00
(5)	.35	.30	.35	.82	.35	.31
(6)	.40	.45	.45	.35	.50	.49
(7)	1.50	1.00	2.00	2.50	1.25	1.00
(8)	100.00	100.00	100.00	100.00	200.00	100.00
(9)	150.00	100.00	200.00	500.00	200.00	100.00
(10)	.60	.65	.60	.55	.60	.79
(11)	30.00	30.00	30.00	40.00	30.00	30.00
(12)	30.00	30.00	30.00	40.00	30.00	30.00
(13)	.07	.06	.06	.07	.06	.06
(14)	60.00	75.00	75.00	80.00	80.00	80.00
(15)	110.00	100.00	120.00	110.00	120.00	120.00
(16)	.60	.70	.70	.70	.75	.75
(17)	20.00	20.00	20.00	20.00	25.00	25.00
(18)	2.00	1.70	1.50	1.60	2.00	1.75
(19)	2.50	2.00	2.00	1.88	2.50	2.25
(20)	3.00	3.00	3.00	2.93	3.00	2.75
(21)	1.00	.50	.75	1.00	.50	.50
(22)	3.00	3.00	3.00	4.00	3.00	3.00
(23)	.15	.10	.10	.10	.10	.10
(24)	20.00	10.00	15.00	5.00	15.00	15.00

S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-36-388, for furnishing 120 concrete stop logs for the powerhouse intake gate slots at Bonneville.

31 — PIPE LINES & WELLS

BIDS OPENED

OAKLAND, Calif.—W. E. Thomas Welding Co., 3110 San Pablo Avenue, Oakland, at $3,080 submitted low bid to the East Bay Municipal Utility District, Oakland, under Spec. No. L. S. 177, for electric welding of approximately 7,000 l.f. of 36-in. steel pipe line.

Complete bids follow:

W. E. Thomas Welding Co.	$3,080
Brown Bros. Welding Co.	3,430
Steel Tank & Pipe Co.	3,780
Jack P. McIntyre	4,760

FRANCHISE ASKED

CALEXICO, Imperial Co., Calif.—The National Dry Ice Corp. has applied to the Imperial county supervisors, El Centro, for a franchise to lay a pipeline to transport gas from wells in the north end district to the dry ice plant at Niland. W. E. Morse, president of the corporation, states that this company, which owns property at Niland, is completing construction of a carbon dioxide plant. The proposed pipe line, which will supply the plant, will be of welded steel pipe with welded joints.

BIDS WANTED

ALCATRAZ ISLAND, Calif.—Until June 23, 2 P. M., bids will be received by the Warden, U. S. Penitentiary, Alcatraz, to be opened at Room 214, Post Office Bldg., Seventh and Mission Sts., San Francisco, under Bid No. 703, for construction of a new 6-in. sea water pipe line and connections and excavating and building sump, from the pump house at power plant to water tanks on roof of Bldg. No. 68, and a sump in the pump house with sluice and screens to bay.

The work involves:

(1) Furnish and construct 6-in. sea water pipe line, with connections;
(2-Alt.) Same as Item 1 except 8-in. pipe line, plus 8-in. connections where required;
(3) Excavate and build sump.

Specifications obtainable from above office. *

32—SEWERS & SEWAGE DISPOSAL PLANTS

NEW BIDS ASKED

SUNSET BEACH, Orange Co., Cal.—Until June 26, 8 P. M., new bids will be received by the Sunset Beach Sanitary District of Orange County, Cal., at the office of the district, State Highway and Broadway, Sunset Beach for constructing a sanitary sewer system in accordance with plans and specifications prepared by Duke Hunt, consulting engineer and chief engineer of the said district.

Bids will be taken on three units, and bids may be submitted on all three or on each separately. They are:

1. Collection System.
2. Treatment Plant.
3. Ocean Outfall.

Alternative bids will be taken on the ocean outfall, viz. on a length of 2471 ft. and on a length of 1300 ft.

The work involves:

Section I—Sewer System

(1a) 3623 ft. 6-in. sewer, vitrified;
(1b) 10,293 ft. 8-in. do;
(1c) 9718 ft. 10-in. do;
(2) 54 standard manholes;
(3) 20 standard lampholes;
(4) 2 standard flush tanks;
(5) 7 shallow flush tanks;
(6) 500 tons screened gravel for placing in trench as directed by the district engineer;
(7) 1 invested siphon on Broadway from Sta. 2 plus 34.64 to Sta. 4 plus 60.64;
(8) 140 sq. ft. replacing conc. paving;
(9) 50,000 sq. ft. replacing oil macadam paving;
(10) 10 c.y. Class D concrete in place for piers, supporting sewers or for protecting same.

Section II—Sewage Disposal Works, Pumping Stations, Pressure Main and Outfall Sewer

(1) 500 c.y. excav. for struc. of sewage disposal works, pumping stations and inc. sheeting, shoring, pumping and placing all excavated material in embankment around the plants after completing or wasting within 300 ft. of structures;
(2) lump sum (except excavation) for constructing main struc., including digestion tank, settling tank with all mechanical equipment, and building over settling tank with all valves, piping and special fittings;
(3) Pumping Station No. 1 complete, except excavation:
  (a) with Byron-Jackson pumps;
  (b) with Chicago Pump Co. pumps;
  (c) with Fairbanks, Morse & Co. pumps;
(4) Pumping Station No. 2:
  (a) with Byron-Jackson pumps;
  (b) with Chicago Pump Co. pumps;
  (c) with Fairbanks, Morse & Co. pumps;
(5) pressure main:
  775 l.f. 6-in. cast iron pipe; (Alt.: 775 ft. 6-in. double dipped and Pabco wrapped 12-ga. steel pipe line);
(6) outfall sewer:
  708 ft. 8-in. vitrified clay pipe line;
  289 ft. 6-in. cast iron pipe line.

Section III—Ocean Outfall

(1) 1300 l.f. 6-in. flexible joint CI pipe
(2) 2471 l.f. 6-in. do

Previous bids, opened May 18, were above the estimate and the funds available. J. C. Hickey, of Alhamrba, was the low bidder at that time, his bid being $86,998.25, based on the use of Fairbanks, Morse & Co. pumps. Mike Radich and C. T. Brown, Los Angeles, submitted the only other bid at $87,304.10, using Kimball - Krogh pumps.

Copies of the plans and specifications may be obtained at the office of the engineer, Broadway and State Highway, Sunset Beach. Each bid must be accompanied by a certified or cashier's check for an amount equal to 10% of the proposal.

BID OPENING EXTENDED

HAMILTON FIELD, Marin Co., Cal.—Until June 20, 11 A. M., date extended from June 15, previously reported, bids will be received by the Quartermaster, Hamilton Field, San Rafael, under Bid No. QM. 373-36-15, for furnishing and installing a 500-gpm. vertical sewage pump, powered by a 15-hp. gasoline engine in the pumping plant at Hamilton Field.

Plans and specifications obtainable from the above office. *

PLANS BEING PREPARED

SAN DIEGO, Cal.—The San Diego City Council has authorized the preparation of plans and specifications for a $2,000,000 sewage collection and reclamation project which the city hopes to finance by federal grant. The applicatin for PWA aid has been forwared to the government. The proposed project provides for a main intercepting sewer costing $1,500,000 and treatment plant costing $500,000. H. W. Jorgenson, City Engineer. R. W. Flack, City Manager.

BONDS VOTED

REDWOOD CITY, San Mateo Co., Cal.—Bond issue of $266,000 for municipal harbor improvements approved at special election June 11. Proceeds sufficient to construct project as planned, but if PWA grant is obtained entire bond issue will not be sold. War Department will match $94,000 of bond money to a total of $188,000 for channel dredging. Improvements will include wharf, sheds and trackage.

BIDS WANTED

OREGON and Washington.—Until July 10, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-36-407, for channel improvement in the Columbia River, Oregon and Washington, from Celilo Falls to Umatilla.

The work involves:

(a) 53,000 c.y. gravel excavation in Miller's Drift Area, 66.3 to 66.81 miles above Celilo;
(b) 11,200 c.y. rock excavation, Devils Bend Rapids, 84.38 to 85.03 miles above Celilo; (alternate bids for 21,170 c.y.);
(c) 3,310 c.y. rock excavation, Devils Bend Rapids, 83.89 to 84.38 miles above Celilo (alternate bids for 5,220 c.y.)

Bids will be taken as follows:

ALTERNATE I

(1) 53,000 c.y. gravel excavation;
(2) 14,510 c.y. rock excavation;

ALTERNATE II

(3) 53,000 c.y. gravel excavation;
(4) 26,390 c.y. rock excavation.

Specifications obtainable from above office. *

CONTRACT AWARDED

LOS ANGELES, Cal.—Hull, Smale & Robinson, Inc., 1300 B Street, Wilmington, at $26,400 awarded contract by the Los Angeles Board of Public Works (with monolithic concrete foundation), for reconstruction of ocean outfall sewer at Hyperion.

LOW BIDDER

PASADENA, Calif. — Oliver United Filter Co., Inc., Balfour Bldg., San Francisco, submitted low bid to the Pasadena city clerk at $10,769.22 for furnishing and delivering sewage sludge de-watering apparatus for use at the sewage disposal plant located on the Crown City Ranch.

BIDS WANTED

GOVERNMENT ISLAND, Oakland, Cal.—Until June 23, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. ER-468-36-23, for removing the existing wharf located in front of the Government Reservation on Government Island, Oakland Harbor.

Work includes the removal and proper disposal of all piles, timbers, and fastenings in or connected with said wharf, but not including the removal of pile stubs pertaining to the wharf that formerly existed at that locality.

The wharf to be removed under the contract is a creosoted wooden-pile structure composed of a main wharf 296 ft. long by 24 ft. wide and an extension 104 feet long and 9 ft. 3 in. wide. It also includes two approaches 18 ft. wide and about 80 ft. long of the same type of construction, and two 7-pile dolphins. The piling under the principal wharf were from 55 ft. to 65 ft. long before driving, those in dolphins 80 ft. long, and the remainder from 22 to 30 ft. long. Caps are 12x12-in. in size; stringers, 4x12-in., and decking, 3 in. thick. The wharf is heavily bolted and drift-bolted together.

Specifications obtainable from the above office. *

CONTRACT AWARDED

PASADENA, Cal.—Oliver United Filter Co., Inc., Balfour Bldg., San Francisco, at $10,769.22 awarded contract by Pasadena City Council for furnishing and delivering sewage sludge dewatering apparatus for use at the sewage disposal plant located on the Crown City Ranch. * 1

BIDS OPENED

SAN FRANCISCO, Calif. — E. J. Treacy, Call Bldg., San Francisco, at $2,840.90 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,902, for grading, paving and constructing sewers in Peralta Ave., between Mullen Ave. and Florida Street.

The work involves:

(1) 300 cu. yds. grading and excavation;
(2) 68 lin. ft. 8-in. V.C.P. sewer in place;
(3) 34 lin. ft. 12-in. do;
(4) 70 lin. ft. 10-in. V.C.P. culvert. in place;
(5) One brick manhole, complete;
(6) 3 brick catchbasins, complete;
(7) 310 lin. ft. armored concrete curb;
(8) 530 sq. ft. one-course concrete sidewalk;
(9) 6600 sq. ft. 6-in. Class E concrete pavement;
(10) One 9-unit warning reflector, complete.

Total bids follow:

(A) E. J. Treacy, $2,840.90;
(B) Eaton & Smith, $3,222.00,
(C) Chas. L. Harney, $3,247.20.

Unit bids follow:

	(A)	(B)	(C)
(1)	$1.00	$1.00	$1.75
(2)	1.50	3.00	2.00
(3)	2.00	3.00	3.00
(4)	1.50	2.00	2.00
(5)	70.00	100.00	100.00
(6)	60.00	100.00	90.00
(7)	1.00	.75	.90
(8)	.13	.15	.20
(9)	.245	.265	.237
(10)	20.00	15.00	25.00

Bids held under advisement.

33— WATER WORKS

CONTRACT AWARDED

AIEA, T. H.—George Hess, P. O. Box 260, Honolulu, at $132,150 awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8139, for construction of a water supply, tunnel, and supply pipe line at the Aiea Naval Reservation, Oahu, T. H.

Work includes excavation, concrete work, pumping equipment, piping, electrical work, sheet metal work, fencing and macadam paving.

BIDS OPENED

SANTA BARBARA, Cal. — Southwest Welding & Mfg. Co., 3201 W. Mission St., Alhambra, at $3920 submitted low bid to the Santa Barbara City Council for furnishing 50,000 lbs. fabricated structural steel for the filtration plant at Sheffield Reseervoir. Quinton, Code & Hill-Leeds & Barnard, 905 Edison Bldg., Los Angeles, consulting engineers. The other bids were:

Buehler Tank & Welding Works, $4043.

Consolidated Steel Corp, $5058.

The bids were taken under advisement one week.

BIDS OPENED

SANTA BARBARA, Cal.—Bids for furnishing manually operated sluice gates (3300 lbs.) and hydraulically operated sluice gates (14,400 lbs.) were opened by the Santa Barbara City Council. The bids were referred to the consulting engineers, Quinton, Code & Hill-Leeds & Barnard, 905 Edison Bldg., Los Angeles, for one week. The bids were:

Mueller Co.—(A) no bid; (B) $3240; alt. $3120.

California Corrugated Culvert Co.—(A) $640; (B) no bid; (C) no bid.

Chapman Valve Mfg. Co.—(A) no bid; (B) $2250; (C) no bid.

Crane Co.—(A) no bid; (B) $2906.64; (C) no bid. *

BIDS OPENED

SANTA BARBARA, Cal.—Bids for furnishing a chemical dry feeder machine for the filtration plant at Sheffield Reservoir were opened by the Santa Barbara City Council. The bids, which were referered to the consulting engineers, Quinton, Code & Hill-Leeds & Barnard, 905 Edison Bldg., Los Angeles, for one week, were:

E. W. Bacharach, Kansas City, Mo.—(A) $350; (B) $650; (C) no bid.

Santa Barbara Plumbing & Supply Co.—(A) $495; (B) $990; (C) $3112

Wallace & Tiernan—(A) $620; (B) $875; (C) no bid. *

CONTRACT AWARDED

ANTIOCH, Contra Costa Co., Cal.—United Iron Works, 580 Second Street, Oakland, at $2400 awarded contract by the Antioch City Council for furnishing a 10-in. centrifugal pump, 3750 g.p.m., for the municipal water system, to pump water from the river to the reservoir.

BIDS WANTED

SAN FRANCISCO.—Until July 1, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 114, for the laying of 12-in. cast iron feeder mains in Harrison St. between First and Essex Streets.

The work involves:

(1) 520 l.f. excavation and backfill for 12-in. cast iron pipe, trench 24-in. wide by 44-ft. deep;
(2) 10 c.y. additional excavation and backfill;
(3) 50 sq. ft. additional pavement removal and replacement;
(4) 520 l.f. installing 12-in. bell and spigot cast iron pipe;
(5) 1,380 lbs. installing fittings, gate valves, etc.;
(6) 140 l.f. making joints for 12-inch cast iron bell and spigot pipe and fittings;
(7) 460 sq. ft. repavement.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10. *

CONTRACTS AWARDED

SANTA BARBARA, Cal.—The Santa Barbara city council has awarded, subject to PWA approval, contracts for water works supplies and equipment as follows:

Chapman Valve Mfg. Co., $2250 for 44,400 pounds of hydraulically operated sluice gates, item "B", for the Sheffield Dam filtration plant project.

California Corrugated Culvert Co., at $640, for manually operated sluice gates, 3300 lbs.

Southwest Welding & Mfg. Co., Alhambra, at $3920 for furnishing 50,000 lbs. fabricated structural steel for the filtration plant at Sheffield Reservoir.

Contracts approved by PWA previously awarded by the council are:

Dorr Co., Inc., clarifiers and flocculators, at $16,900 and electric sludge pumps at $990.86.

Food Machinery Co. pumping equipment, item "A", at $497.

Worthington Co., Inc., pumping equipment, item "B", at $164.45.

Lack Mfg. Co., underdrain manifolds, etc., at $1699.

CONTRACTS AWARDED

LOS ANGELES, Cal. — Contracts have been awarded by the Los Angeles Water & Power Commission, 207 South Broadway, for furnishing gate valves under Specifications No. X-16, as follows:

Items (1), (4), (8) and (10) to Grinnell Co. at $10,437.

Items (2), (3), (5), (6), (11) and (12) to Crane Co., at $3401.43.

Items (7) and (9) all bids rejected.

34 — PARKS AND PLAY-

BIDS WANTED

SANTA CRUZ, Santa Cruz Co., Cal.—Until July 10, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for seeding and planting grounds at the U. S. post office, Santa Cruz.

Specifications may be obtained from the Custodian of the Building, Santa Cruz. * 24

BIDS OPENED

ROSEVILLE, Placer Co., Calif.—J. J. McDermott, P. O. Box 2405, Sacramento, at $2,474 submitted low bid to Custodian, U. S. Post Office, Roseville for furnishing and installing a lawn sprinkling system at the post office at Roseville.

Complete bids follow:

J. J. McDermott, Sacramento	$2474
M. R. Carpenter, Sacramento	2498
Hately & Hately, Sacramento	2532
Luppen & Hawley, Inc., Sacto.	2577
Leonard U. Plummer, Sacramento	2619

35— TUNNELS

CONTRACT AWARDED

LOS ANGELES, Cal.—Mike Radich and C. T. Brown, 410 N Formosa Ave. Los Angeles, at $75,881.40 awarded a contract by the Los Angeles Water & Power Commission, 207 S. Broadway, for the construction of the Ivanhoe Reservoir outlet tunnel and apurtenant structure under PWA Docket 1929-R, Unit 50, Spec. No. X-25.

CONTRACT ABANDONED

OAKLAND, Alameda Co., Calif.—Six Companies of California, Inc., 155 Sansome St., San Francisco, have abandoned their contract for constructing the Broadway Low-Level Tunnel and appurtenant highway structures in Alameda and Contra Costa counties. Notice was given to Joint Highway District No. 13, Wallace Boggs, chef engineer, 1448 Webster Street, Oakland, that work would cease at 11 p.m., June 13. Crews operating drainage pumps and watchmen are being kept on the job until the district can take over the project.

Henry J. Kaiser, president of Six Companies of California, notified the district work would be discontinued after penalties at the rate of $500 a day had been deducted from a progress payment for the period May 24 to May 31. He estimated seven months would be required to complete the project and the highway district has refused to extend time beyond the original completion date of May 24.

The contractor claims geological conditions were misrepresented in the information furnished contractors before bids were taken. No part of the ground encountered has been self-sustaining and exploratory drifts through the remaining material indicates that it is of the same character, the contractor reported.

The contract was awarded May 29, 1934, on a low bid of $3,683,931. To date the contractor has received $2,170,000 in progress payments.

The north bore of the 2910-foot twin tunnels has been excavated a distance of 1844 feet from the west portal and 80 feet from the east portal, leaving 953 feet to finish. The south bore has been excavated 2426 feet from the west portal and 80 feet from the east

portal. Concrete lining has been placed in all but approximately 150 feet of both tunnels. Buildings are 90 per cent complete and mechanical work about 50 per cent. Highway approach grading and structures are complete, except for minor slide removal, but paving has not been started. The entire project is approximately 70 per cent complete.

BIDS WANTED

SAN FRANCISCO.—Until July 8, 2 P. M., bids will be received by the Department of Public Works, San Francisco-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, for construction of the tile lining of the Yerba Buena tunnel of San Francisco-Oakland Bay Bridge.

The work involves:
(1) 50,540 sq. ft. sand blasting;
(2) 50,540 sq. ft. tile lining.

Plans and specifications will be obtainable from the above office upon deposit of $50, of which amount $40 will be returnable; and on file at the office of the District Engineer in San Francisco and Los Angeles. Copies of the bid forms must be obtained from the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 400 MFBM Douglas Fir flooring, Circ. Prop. No. 728, were opened by the U. S. Engineer, Los Angeles, June 16. The bids were:

Globe Lumber Co.: $9984; 2%, ten days; shipping point, Portland.

Hammond Lumber Co.: $10,000; 2% 30 days; shipping point, Lynton.

James L. Hall, $10,200; 2%, 10 days; shipping point, Lynton.

Patten-Blinn Lumber Co., $10,200; 2% 10 days; Columbia Junction, Wash.

Security Lumber Co., $10,600; 2%, 10 days; Columbia Junction, Wash.

A. E. Fickling, $10,780; 1%, 10 days; Portland.

W. E. Cooper, $10,800; 2% 10 days; Portland.

Owens-Parks Lumber Co., $11,100; 2% 10 days; Portland. Alt. C flat grained, $9800; Alt. D grade VG, $8200. Patrick Lumber Co., partial bid.

BIDS OPENED

BERKELEY, Cal.—Following bids received by the Berkeley City Council for furnishing approximately 500 tons of Type B asphaltic concrete mix and Type C asphaltic concrete surface mix.

(a) Delivered on street.
(b) Loaded on truck at bidder's plant.

Ransome Co., Emeryville: Type B: (a) $3.90, (b) $3.60; Type C: (a) $4.20, (b) $3.90.

W. H. Larson, Oakland: Type B: (a) $3.83, (b) $3.63; Type C: (a) $4.20, (b) $4.00.

Bids held under advisement.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing steel reinforcing bars, intermediate grade, in mill lengths not to exceed 40 ft., except ½-in. bars, which shall be 29 ft. 6 in. in length, were opened by the U. S. Engineer.

The items are:
(1) 1,300,000 lbs. ½-in. round bars;
(2) 150,000 lbs. ⅞-in. round bars;
(3) 1,000,000 lbs. 1-in. round bars;
(4) 50,000 lbs. 1-in. square bars.

The bids were:

A. M. Castle & Co.: (1) $2.45; (2) $2.25; (3) $2.25; (4) $2.25; total, $58,850; discount ½ of 1% 10 days; fob cars Bethlehem Steel Co., Slauson and Downey St., Los Angeles.

Los Angeles Iron & Steel Co.: (1) $2.475; (2) $2.275; (3) $2.275; (4) $2.275 total, $59,475; discount ½ of 1% 10 days; fob Los Angeles.

Colorado Fuel & Iron Co.: (1) $2.45; (2) $2.25; (3) $2.25; (4) $2.25; total, $58,850; discount ½ of 1% 30 days; fob dock Los Angeles; shipping point, Minnequa, Colo.; freight allowance 79c per cwt.

Concrete Engr. Co.: (1) $2.475; (2) $2.275; (3) $2.275; (4) $2.275; total, $59-475; discount ½ of 1% 10 days; fob cars, Los Angeles; freight allowance 50c ton.

Soule Steel Co.: (1) $2.475; (2) $2.-275; (3) $2.275; (4) $2.275; total, $59,-475; discount ½ of 1% 10 days; fob cars, Los Angeles.

Truscon Steel Co.: (1) $2.475; (2) $2.275; (3) $2.275; (4) $2.275; total, $59,475; discount ½ of 1% 10 days; fob cars Los Angeles.

Bethlehem Steel Co.: same as above.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver ,under Spec. No. 798 D, for furnishing structural steel for switchyard structures as follows:

One tower supporting structure and three pedestal supporting structures for lightning arresters; one supporting structure for transfer disconnecting switches and one supporting structure for single disconnecting switches; and one bus structure and three lightning arrester pedestals, for the Boulder Canyon Project:

American Bridge Co., Denver: $6,-485; fob Pittsburgh; net.

Bethlehem Steel Co., Bethlehem, Pa.: $6,500; fob Leetsdale; net.

International Derrick & Equipment Co., Torrance; $7,440; fob Torrance; ½% discount.

Worden-Allen Co., Milwaukee: $8,-880; fob Boulder City; ½%.

Delta-Star Electric Co. Chicago: $8-365; fob Chicago; net.

California Steel Products Co., San Francisco: $8,740; fob San Francisco; net.

Blaw-Knox Co., Pittsburgh: $8,383; fob Blawnox, Pa.; net.

Nashville Bridge Co., Nashville, $8-900; fob Bessemer, Ala.; net.

Bids held under advisement.

BIDS OPENED

SANTA BARBARA, Calif.—Bids for furnishing 52,000 lbs. of electrically-welded steel pipe and fabricated steel fittings in sizes 12- to 24-in. diameter for filtration plant at the Sheffield Reservoir, were opened by the Santa Barbara city council. The bids, which were referred to the consulting engineers, Quinton, Code Hill-Leeds and Barnard, Los Angeles, were as follows:

Crane Co., Los Angeles, $4,489, delivery 40 days.

Associated Piping & Engr. Co., Ltd. Los Angeles $5,587.05, delivery 35 days.

Western Pipe & Steel Corp., Los Angeles, $6,154.25; delivery 30 days.

Lacy Mfg. Co., Los Angeles, $6,-154.25 (plus sales tax); delivery 45 days.

Southwest Welding & Mfg. Co., Alhambra, $6,154.25; delivery 45 days.

Consolidated Steel Corp., Ltd., Los Angeles, $6,154.25; delivery 30 days.

Southern Pipe & Casing Co., Azusa, $6,154.25; delivery as required.

C. D. Reilly, Santa Barbara, $8,-900; delivery 45 days.

BIDS OPENED

OAKLAND, Cal.—Identical bids at $3,605 with a credit of 8c per bag returned, were received by the East Bay Municipal Utility District, Oakland, under Proposal No. 753, from Diamond Springs Lime Co., Chubbuck Lime Co., U. S. Lime Products, California Chemical Co., and Henry Cowell Lime & Cement Co.

The unit bids were:

25 tons quick lime delivered at Corporaton Yard, $3.70;
50 tons hydrated lime delivered at the Corporation Yard, $8.35.
150 tons quick lime delivered at Valley Springs, $2,400.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Identical bids at $10,500 were submitted by American Bitumuls Co. and the Shell Oil Co. to the East Bay Municipal Utility District, Oakland, under Spec. No. L. S. 175, for furnishing 200,000 gallons emulsified asphalt to be delivered fob district trucks at bidder's plant.

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES, Cal.—Western Pipe & Steel Co., at $115,868.95 awarded contract by the Los Angeles Water & Power Commission, for furnishing electric fusion welded steed pipe under Specification X-26.

CONTRACT AWARDED

LOS ANGELES, Cal.—Pacific Portland Cement Co. awarded contract by the U. S. Indian Irrigation Service, June 9 for furnishing 750 barrels of Portland cement under Invitation No. 0265.

The bids were:

Southwestern Portland Cement Co., fob El Paso, $1.92 bbl.; discount 20c bbl.; 10th prox.

Pacific Portland Cement Co., $3.12 bbl., fob Phoenix; freight allowance from Redwood Harbor, 43c cwt.; discount, 20c bbl. 10th prox.

Riverside Cement Co., fob Crestmore, $1.92 bbl.; discount, 20c bbl. 10th prox.

California Portland Cement Co., fob Colton, $1.92 bbl.; discount, 20c bbl. 10th prox.

Monolith Portland Cement Co., fob Monolith, $1.92 bbl.; discount, 20c bbl. 10th prox. 20

BIDS OPENED

SPARKS, Nevada—Sparks Lumber Co., at $3 per bbls. submitted low bid to Sparks City Council for furnishing 4200 bbls. of cement for use in curbs and gutters.

All other bids received were identical at $3.10 per bbl., with a 10c per bbl. discount, submitted by the following; Flanigan Warehouse, Reno; Yosemite Portland Cement Co., Monolith Portland Cement Co. of Los Angeles, Henry Cowell Lime & Cement Co., San Francisco, and the Calaveras Cement Co.

29— STREETS AND HIGHWAYS

BIDS WANTED

SAN FRANCISCO.—Until June 24, 1:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, for cutting down two eucalyptus stumps at the north end of Edgewood Avenue, near Farnsworth Lane.

Specifications obtainable from office of City Engineer John J. Casey, Rm. 351, City Hall. 29

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until June 29, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Court House, San Jose, for the improvement of the Northern Road relocation and connection between the San Jose-Almaden Road and Guadalupe Creek in District No. 2.

The work involves 30,800 sq. ft. oil macadam pavement.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO—Until July 6, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1576, for furnishing cast steel specials for the auxiliary water supply system.

Specifications obtainable from the above office upon deposit of $10.

SAN FRANCISCO—Until July 6, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1572, for furnishing cast iron specials for the auxiliary water supply system.

Specifications obtainable from the above office upon deposit of $10.

SAN FRANCISCO.—Until July 6, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1577, for furnishing structural steel, castings and accessories for ferry slips on the Yerba Buena Shoals.

Specifications obtainable from above office. •

SAN FRANCISCO—Until June 24, 1:30 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for retubing boiler of 8-ton Galion roller consisting of 120 1½-in.x33-in. tubes and ferrules, and installing and riveting plates on front roller and turning down smooth (⅝-in plates); and installing and riveting plate on front roller of 5-ton Springfield (⅝-in. sheet).

Further particulars obtainable from Preston W. King, General Superintendent of Streets, 480 11th St. •

SAN FRANCISCO.—Until June 22, 3 P. M., bids will be received by City of San Francisco, T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing power tool equipment for Agassiz Vocational School; Bid No. 1574.

Specifications and proposal blanks on application to above.

SAN FRANCISCO—Until June 22, 2 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Sale No. 144, for the sale of the following materials:

Lot No. 1: Located at Alameda Creek Camp, approximately 3 mi. southerly from Sunol, Alameda County.

Approximately 18,000 cubic yards ¾ to 1½-inch rock.

Approximately 3000 cubic yards ¼ to ¾-in. per gravel.

Lot No. 2: Located at Patrick Henry School, Eighteenth and Vermont Streets.

1 Ideal sectional steam boiler, No. S-28—8 sections.

Lot No. 3: Located in Street Cleaning Yard, Jones and Jefferson Sts.

1 Steel Water Wagon No. 9, horse-drawn.

Lot No. 4: Located in Richmond Branch Library, Ninth Ave. and Geary Street.

Metal fan and housing, about 5 feet in diameter, and one lot of used galvanized iron.

Lot No. 6: Located in Adult Probation Department, 5th Floor, 333 Kearny Street.

1 Used Safe, approximately 23x31x45 inches.

Separate bids may be submitted on each lot.

The above property may be inspected at the points where now located.

Information obtainable from the above office.

SAN FRANCISCO—Until June 22 3, P. M., bids will be received by City of San Francisco, T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing approximately 700 Audltorium Chairs for the Civic Auditorium; Bid No. 1584.

Specifications and proposal forms on application to above. •

SAN FRANCISCO—Until June 22, 3 P. M., bids will be received by City of San Francisco, T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing Wood Library Furniture for the School Department; Bid No. 1583.

Specifications and proposal forms on application to above. •

SAN FRANCISCO—Until June 22, 3 P. M., bids will be received by City of San Francisco, T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing Electric and Gas Furnaces and Heat Treating Equipment for Agassiz Vocational School; Bid No. 1587.

Specifications and proposal forms on application to above. •

SAN FRANCISCO—Until June 22, 3 P. M., bids will be received by the City of San Francisco, T. A. Brooks, Purchaser of Supplies, 270 City Hall, for the furnishing of Electric Welding Supplies, 270 City Hall, for furnishing Electric Welding Equipment for Agassiz Vocational School; Bid No. 1586.

Specifications and proposal forms on application to above. •

SAN FRANCISCO—Until June 22, 3 P. M., bids will be received by City of San Francisco, T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing Steel Filing Cabinets, Filing Equipment and Furniture; Bid. No. 1582.

Specifications and proposal forms on application to above. •

SAN FRANCISCO—Until June 26, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1589, for furnishing electrical laboratory equipment for Agassiz Vocational School.

Specifications obtainable from the above office.

SAN FRANCISCO—Until June 26, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1588, for furnishing small tool equipment for electric shop (Agassiz School) and Art Metal room (George Washington School).

Specifications obtainable from the above office.

SAN FRANCISCO—Until June 22, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1590, for furnishing 14,000 ft. No. 8 solid copper wire, insulated.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until June 22, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1580. WPA, for furnishing 32,000 gals. of emulsified asphalt stabilizer.

Specifications obtainable from above office. •

CALIFORNIA STATE

MONTEREY COUNTY, Cal.—Until June 22, 2 P. M., bids will be received by the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of equipment as follows:

(1) 12 pneumatic tired dump trucks of 3½ c.y. capacity, for use at Location A (three groups of 4 trucks each);
(2) 3 pneumatic tired dump trucks of 3½ c.y. capacity, for use at Location B;
(3) one 1¼ c.y. power shovel, diesel or gasoline powered, for use at Location B;
(4) one 60-h.p. track-laying type tractor with bulldozer, for use at Location A;
(5) one or two sheepsfoot or tamping rollers, for use at Location A.

Location "A" is on the Roosevelt Highway, Monterey Co., between Anderson Canyon and Big Sur, about 40 miles south of Monterey.

Location "B" is on the Roosevelt Highway, Monterey County, from the Monterey-San Luis Obispo County line to a point approximately 28 miles northerly.

Specifications obtainable from above office and on file at the office of the DAILY PACIFIC BUILDER. •

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

FENCING, chain link fabric, top rail, barbed wire, gates, etc.; Mare Island, Sch. 8187; June 19.

TUBES, steel boiler; 20, 765; Mare Island and Puget Sound; 2,500, East or West Yard. Sch. 8133; June 26.

ASH, 25,000 ft.b.m. white; Mare Island. Sch. 8164; July 3. Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

SACRAMENTO CITY

SACRAMENTO, Cal.—Until June 25 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing one asphalt and emulsion spreading machine.

Specifications obtainable from above office.

TREASURY DEPARTMENT

SAN FRANCISCO—Until June 20, 10 A. M., bids will be received by the Procurement Division, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 1861, for furnishing 640 sacks of Portland cement for use on Albany WPA curb and gutter project.

Delivery f.o.b. Albany Corporation Yard, San Gabriel and Brighton Stst.

Specifications obtainable from the above office. •

WAR DEPARTMENT

LOS ANGELES, Cal.—Until June 23 3 P. M., bids will be received by the U. S. Engineer, 751 S. Figueroa St., for furnishing 37,800,000 lbs. steel reinforcing bars fob cars at the contractor's plant. Circ. Prop. No. 741. Bid bond 20% must accompany bid.

The items are:

(1) 100,000 lbs. ⅜-in. round bars;
(2) 6,400,000 lbs. ½-in. do (29 ft. 6-in. length);
(3) 7,900,000 lbs. ⅝-in. do;
(4) 9,700,000 lbs. ¾-in. do;
(5) 3,900,000 lbs. ⅞-in. do;
(6) 2,900,000 lbs. 1-in. do;
(7) 6,700,000 lbs. 1-in. square bars;
(8) 100,000 lbs. 1⅛-in. do;
(9) 100,000 lbs. 1¼-in. do.

FORT MASON, Cal.—Until June 23, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-352, for furnishing furniture, including 8 club chairs, 20 card table chairs, 26 arm chairs; 6 settees and 5 round card tables.

Specifications obtainable from the above office.

SACRAMENTO, Cal. — Until June 23, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-269, for furnishing packing rings, garlock packing, octagon tool steel, ells, bushings, nipples, washers, blacksmith hammers, etc.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until June 25, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-349, for furnishing miscellaneous supplies, including wrenches, handles, soldering coppers, crowbars, pliers, scrapers, sledge hammers, gasoline torches, bolts, nuts, washers, fuses studs cable bench grinders, stationary air compressors, portable crane, hydraulic jackets, etc.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until June 22 3 P. M., bids will be received by U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Rm. 208 Post Office Bldg., Sacramento, for furnishing standard hoisting rope of high grade uncoated plow steel, six strands, 19 wires to strand, of various diameters; fob Rio Vista.

Specifications obtainable from above office.

SAN FRANCISCO—Until June 23, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-36-41, for furnishing 1500 lbs. babbitt metal, 4X.

Delivery to the U. S. Dredge "Sacramento" in the Moore Drydock, San Francisco.

Specifications obtainable from the above office.

EAST BAY UTILITY DIST.

OAKLAND, Calif.—Until June 24, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary 512 16th St., Oakland, under Spec. No. L. S. 179, for furnishing 78,000 ft. of cast iron water pipe.

Specifications obtainable from above office.

BUREAU OF PRISONS

ALCATRAZ ISLAND, Cal.—Until June 23, 2 P. M., bids will be received by the Bureau of Prisons, J. A. Johnston, Warden, at Room 214, Post Office Bldg., 7th and Mission Sts., San Francisco, under Bid No. 693 for supplying and furnishing 1, 2, 3 or 4 fans connected to 1-hp. d.c. motor, 230-volt, compound wound, approx. 315-rpm., and all painted; fob Ft. Mason.

Specifications are obtainable at the above office.

KERN COUNTY

McFARLAND, Kern Co., Cal.—Until June 25, 7 P. M., bids will be received by the Board of Trustees of the McFarland School District, McFarland Grammar School Bldg., D. L. Whisler, Clerk, for furnishing one 1½ ton school bus chassis and 42-49 capacity bus body.

A trade-in allowance is to be made for the No. 1 International bus now owned by the school.

Specifications obtainable from the above office.

MARIN COUNTY

KENTFIELD, Marin Co., Cal.—Until June 29, 8 P. M., bids will be received by the Marin Union Junior College District, Ada M. Fusselman, Secretary of the Board, Main Bldg., Junior College, Kentfield, for a school bus, body capacity of 31-36 passengers. Bids will be received for the body and chassis separately and for the bus complete.

Specifications obtainable from the above office.

RECLAMATION BUREAU

BOULDER CITY, Nevada — Until June 29, 2 P. M., bids will be received by the Bureau of Reclamation, Washington, D. C., under Spec. No. 805-D, for furnishing, and delivering f.o.b cars at the shipping point and/or Boulder City, a 125-foot continuous tapered, steel flagpole, complete with accessories, for Boulder Dam. The flagpole will be installed by the Government.

Specifications obtainable from the Bureau of Reclamation, Denver, Colo., or Washington, D. C., without charge to prospective bona fide bidders; to others, 50c, not returnable.

U. S. FOREST SERVICE

SAN FRANCISCO—Until June 23, 2 P. M., bids will be received by P. C. Brown, Procurement Engineer, Forest Service, 916 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 851, for furnishing two double drum hoists, complete with power take-off assemblies for mounting on and operating with Caterpillar "RD-8" tractors.

Delivery f.o.b. bidder's shipping point and/or Government Island, Pacsteel.

Specifications obtainable from the above office.

SAN FRANCISCO—Until June 22, 2 P. M., bids will be received by Jas. T. Foster, Assistant Procurement Officer, Forest Service, 916 Phelan Bldg., 760 Market St., under Bid No. 857 for furnishing 1 concrete vibrator machine; f.o.b. McCloud, Calif.

Specifications obtainable from above office.

SAN FRANCISCO—Until June 24, 2 P. M., bids will be received by Jas T. Forster, Assistant Procurement Officer, Forest Service, 916 Phelan Bldg., San Francisco, under Bid No. 850, for furnishing one air-motor driven, 60 cu. ft. per hour capacity, concrete placing machine, for the pneumatic application of cement and sand mixtures or similar materials.

Delivery f.o.b. bidder's shipping point and/or Government Island, Pacsteel.

BERKELEY CITY

BERKELEY, Cal.—Until June 23, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing approximately 200 tons of natural rock asphalt.

Bids will be taken as follows:

(a) Delivered on street.
(b) Loaded on truck at bidder's plant.

Specifications obtainable from the above office

SANTA BARBARA COUNTY

SANTA BARBARA, Cal. — Until June 25, 1 P. M., bids will be received by Santa Barbara City Council for furnishing approximately 6000 lbs. of rate-of-flow controllers and gauges for the filtration plant and Sheffield reservoir in accordance with specifications which may be obtained at the office of the purchasing agent, Carl E. Hasse and of the consulting engineers, Quintin, Code & Hill-Leeds & Barnard, 905 Edison Bldg., Los Angeles. Certified or cashier's check for 10% must accompany each bid. PWA project.

SANTA BARBARA, Cal. —Until June 25, 1 P. M., bids will be received by Santa Barbara City Council for furnishing one high head, 300 G.P.M., eleectric-driven, centrifugal pump, in accordance with specifications on file at the office of Carl E. Hasse, purchasing agent, and at the office of the consulting engineers, Quintin, Code & Hill-Leeds & Barnard, 905 Edison Bldg., Los Angeles. Certified or cashier's check for 10% must accompany each bid. PWA project.

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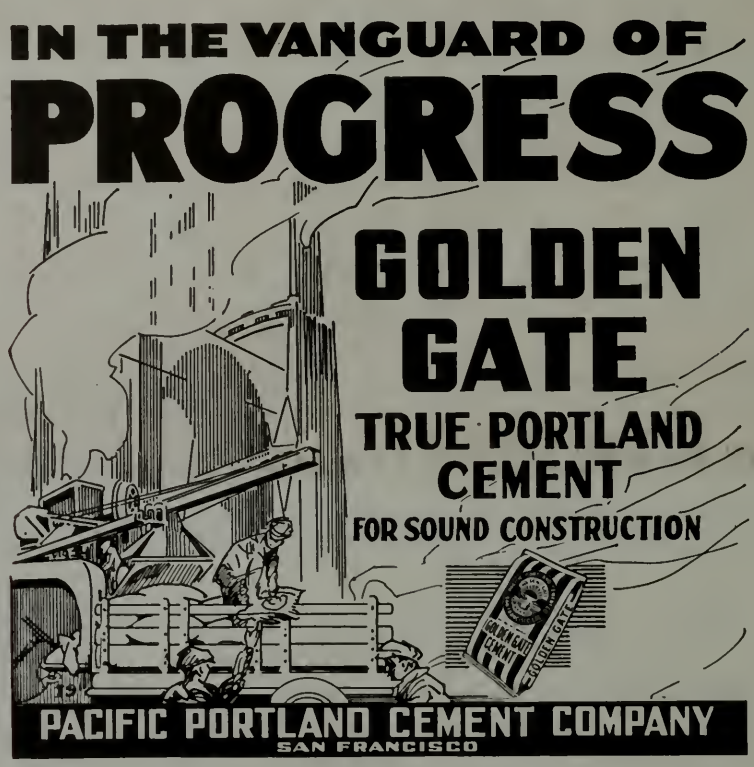

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PWA Sponsors With Funds Get First Preference In $300,000,000 Program

Preference will be given projects in the new PWA program that require grants only, Administrator Harold Ickes ruled yesterday. Instructions were issued to state directors of PWA to encourage applicants to procure their share of the cost from sources other than the government loan fund. This is a re-affirmation of the policy established in handling the last PWA program.

There will be no change in the basic regulations for handling the $300,000,000 fund for new allotments made available to PWA by the last Congress, Administrator Ickes said.

"There is no reason to change the policies adopted in 1933 which have stood a three-year test in operation and which provide that all public works projects must be socially desirable and useful, legal, financially sound and feasible from an engineering standpoint," he declared. "Communities will continue to provide from their own local funds the major part of the finances required for PWA projects. When opportunity presents itself to further improve administration through simplified procedure and regulations such improvements will be made."

His letter of instructions to state directors reads:

"Every effort will be made to encourage applicants to provide applicants' contributions from sources other than the sale of securities to the United States Government. In general, allotments will first be considered for those projects for which applicants for grants only are pending. This fact should be communicated to all applicants whose projects have been recommended by our examining divisions for loans and grants so that they may be in a position to take any action desired. In negotiating with applicants in this regard, care should be exercised to make no definite commitment as to any allotment.

"Any request for a change in an application from a loan and a grant only should be accepted by the state office and forwarded to Washington immediately in accordance with the existing procedure."

K. E. PARKER CO. LOW BIDDER ON CAPITAL SCHOOL

Sacramento Board Takes Figures for Big Contract In PWA Program

SACRAMENTO, June 25—K. E. Parker Co., San Francisco, tonight submitted the low bid of $563,900 to the Sacramento Board of Education for erecting the main building of the new Senior High School plant being constructed on Freeport Boulevard. Low bid for the gymnasium, only, was offered by Holdener Construction Co., Sacramento, at $103,510.

Campbell Construction Co., Sacramento, at $605,986 and MacDonald & Kahn Co., Ltd., San Francisco, at $659,956 submitted the only other bids on the main building. Six bids were received on the gymnasium contract.

The contract on which bids were opened tonight is the largest in a $1,250,000 school building program inaugurated last year with PWA assistance. It includes construction of a complete new high school and additions to the junior college.

Bids will be opened July 14 for a classroom building and auditorium to cost about $170,0000 in the junior college group.

PLANING MILL PAYROLLS GAIN 31% IN YEAR

Employment & Earnings Rise In Building Supply Industries

Employment in the state's planing mills and sash and door factories was 9.5 per cent higher in May than in the same month a year ago, according to the monthly report of the State Division of Labor Statistics prepared by Dr. Louis Bloch. There were 4,905 employes in the mills reporting last month. The weekly payroll was $122,659, an increase of 31.7 per cent compared with last year. The average weekly pay check was $25.01, increased 20 per cent over May 1935 earnings.

Other branches of industry dependent upon building recovery likewise show improvement over last year.

Structural and ornamental steel shops were employing 2,296 men in May, a gain of 33.8 per cent. Payrolls in this group amounted to $61,280 a week, a gain of 50 per cent. The average weekly earnings per employee of $26.69 was 12 per cent ahead of May, 1935.

Brick, tile and pottery plants employed 3,401 in May, a gain of 27 per cent; weekly payrolls were $73,661, a gain of 46 per cent; average weekly earnings, $21.66, a gain of 15 per cent.

Lime, cement and plaster manufacturers reported a decline of 4.5 per cent in May employment compared with May a year ago. Weekly payrolls, however, were 19 per cent higher and individual earnings of $31.16 weekly were 24 per cent higher. Plants reporting employed 995 persons and distributed an average weekly payroll of $31,008.

Statistics based on reports received from 1,447 representative identical manufacturing establishments throughout the state show for May, 1936, as compared with May, 1935, increases of 6 per cent in employment, 12.4 per cent in the total number of man-hours worked, 15 per cent in the total volume of payrolls and 8.5 per cent in average weekly earnings.

$15,000,000 Available For Central Valley; Bureau Maps Construction Of Major Units

With Congressional authorization received for the Central Valley Project and approximately $15,000,000 appropriated for construction, the U. S. Bureau of Reclamation has released a tentative schedule for contracting several units. The Bureau also revealed that investigation of two possible dam sites on the Sacramento River other than that at Kennett will be undertaken. Specifications have been drafted for core drilling explorations at Table Mountain site, in Tehama County, ten miles northeast of Red Bluff, and at Baird site, several miles above the Kennett site where extensiv exploratory work is in progress. Contracts for work at the two new sites will be offered for figures shortly.

Walker Young, construction engineer for Central Valley, said the Bureau has made no decisions on the Kennett dam construction. Until the results of all investigations at the three possible sites have been reported it is considered doubtful that work in the Kennett Division will proceed. The reclamation engineers may recommend either a single structure or a combination development using dams at two of the possible locations. Designs are being studied at present on a dam of 450 feet height and also of 525 feet. The smaller would cost about $117,000,000 and the larger $130,000,000, if located at the Kennett site.

The tentative construction schedule for Kennett Division follows: Excavation at the dam site, no estimate, specifications about Nov. 15, 1936; Southern Pacific Railroad relocation to Mile 27, $7,000,000, November 1, 1936; Highway relocation, $2,000,000, November 1; additional highway grading, $6,000,000, December 15; Kennett Dam, $117,000,000 450 ft. high) or $130,000,000 (525 ft. high) late in 1937.

The tentative schedule for Friant Division follows:

Friant Dam, $15,000,000; August 25; Friant-Kern Canal, Station P to Station 30, $1,500,000, Aug. 25; Station 312 to Station 780, $1,850,000, Sept. 25; Dry Creek Siphon, $225,000; Sept. 25; Station 780, on, $2,000,000, Nov. 10; Madera Canal, Station O to Station 380, $1,000,000, Sept. 10; Station 380 to Station 704, $1,500,000, Oct. 25; Station 704 on, $1,000,000, November 10; Three Siphons, $150,000, Oct. 10.

Two contracts are scheduled on the Contra Costa conduit this year as follows: Station 0 to Station 300, $500,000, Sept. 25; Station 300 on, $1,000,000, November 10.

The May progress report on Central Valley filled by Construction Engineer Young with the Washington office shows completion of final location survey of sixteen and one-half miles of the first thirty-two mile section of the Friant-Kern Canal, including the mapping of a 3,900-ft. cut through the hills seven miles from Friant Dam. A maximum depth of 68 feet in this section is indicated.

EXPLORATION OF TWO DAM SITES TO BE CONTRACTED

Reclamation Calls Bids On Central Valley Work

Bids on the third contract in the Central Valley Project, for exploratory excavation at two dam sites under investigation on the Sacramento River, will be opened by Walker Young, construction engineer, in Sacramento, July 9.

The work to be done is core drilling, excavation of shafts and tunnels at the Baird dam site and at the Table Mountain dam site. Baird site is located about 14 miles north of Redding, a few miles upstream from the Kennett dam site where extensive investigations have been made and are to be supplemented under a contract on which bids were opened last week. Table Mountain site is down stream from Kennett and is about ten miles miles northeast of Red Bluff.

Principal items of work are 375 cubic yards excavation in open cut; 950 lineal feet of tunnels; 1,250 lin. ft. vertical shafts; 8 MFBM furnishing and installing permanent timbering in tunnels and shafts; 3,800 lineal feet vertical core-drilling; 1,520 lineal feet of core-drilling in holes at an agle of 30 to 45 degrees.

Investigation of two possible dam sites in addition to the Kennett site was ordered recently by reclamation engineers as an alternative consideration in formulating plans for the storage reservoirs on the upper Sacramento River which will be the key to flood control, water supply and power development in the Central Valley Project.

Reclamation crews have been at work on tunnels and core drilling at the Kennett site for several months. A contract for additional work is pending, low bid being by L. E. Dixon, Bent Bros., and Case Construction Company.

Youdall Construction Co. is completing a similar exploratory contract at Friant dam site.

HANRAHAN CO. LOW BIDDER ON TWO JOBS

Alameda And Sutter Highway Contracts Go To S. F. Firm

SACRAMENTO, June 24.—Hanrahan Co., San Francisco, today was low bidder on state highway construction contracts in Alameda and Sutter counties for work involving approximately $210,000. The jobs are among six in Northern California for which bids were received by the State Division of Highways.

The Alameda county contract is for improving the southerly approach to the bay bridge in Oakland, grading and paving about 1.4 miles between Thirty-fourth Street and Seventh Street.

The bids were:

Hanrahan Co., San Francisco	$124,748
Union Paving Co., S. F.	142,557
Peninsula Paving Co., S. F.	147,660

The Sutter county contract is for grading and surfacing about 3.7 miles between Knights Landing and Robbins.

The bids were:

Hanrahan Co., San Francisco	$85,588
Pacific States Const. Co., S. F.	92,221
A. Teichert & Son, Inc., Sacramento	99,454

Leo F. Piazza, San Jose, submitted the low bid of $30,540 for constructing borders of crusher-run base and surfacing the roadbed with plant-mix on about 7.1 miles in Kings County. The only other bid was offered by Union Paving Co. at $30,890.

Basich Bros., Torrance, submitted the only bid for grading eight-tenths of a mile in Mono County near the east entrance to Yosemite National Park. The bid was $26,309.

Helwig Const. Co., Sebastopol, was low bidder at $23,780 for removing timber bridges and grading seven-tenths of a mile in Humboldt and Trinity Counties near Blue Lake. The only other bid was by Mercer-Fraser Co., Eureka, at $27102.

D. ZELINSKY AWARDED BIG WASHINGTON JOB

D. Zelinsky & Sons, Inc., contracting painters with headquarters in San Francisco, have been advised by the eastern office at Washington, D. C., of the award of a contract for painting the buildings of the Bureau of Engraving, Printing and the Bureau of Economics in the national capital. The award was made by John McShain, Inc., of Philadelphia.

According to Mervyn G. Zelinsky this is the third contract D. Zelinsky & Co. have in progress in Washington, the three awards representing painting contracts on the three largest buildings in the United States.

SAN FRANCISCO PERIODICAL DEPT.

$6,630,000 Budgeted for Northern Jobs In Year's State Highway Contract Program

The California State Division of Highways will contract $13,806,420 for major construction projects in the fiscal year starting July 1, under a program just released by State Highway Engineer C. H. Purcell following approval of the 1936-37 Federal aid apportionment.

Advertising of projects in the new program has commenced. Contracting must proceed at the rate of more than a million dollars a month in order to obligate the entire appropriation before the end of the year.

In the eight highway districts with boundaries wholly or principally within the northern group of counties the expenditure of $6,630,995 is budgeted. The apportionment to three districts entirely within the southern group of counties is $7.175,425.

District IV, including San Francisco and the neighboring bay counties will receive $1,521,440 for five major construction jobs. One of the largest of these, the Pedro Mountain sector of the Ocean Shore route grading already has been advertised. There is $425,000 programmed for this contract, of which $75,000 for construction and $25,000 for right-of-way has been contributed by the peninsula counties in the joint highway district organized to construct this road.

Of equal importance is the completion of the Bay Shore route into San Jose. For the last section of this road, from Alviso to San Jose, a length of 3.7 miles to be graded and paved $425,000 is allotted.

On El Camino Real a contract is to be let for grading and paving 4.5 miles from Beresford to Redwood City at a cost of $390,000. The sum of $200,440 has been proved for reconstructing the coast route for a 10-mile section between San Jose and Coyote.

Among the Northern California districts the next largest apportionment is to District III, composed of Sacramento Valley counties, where $1,021,190 is budgeted. Twelve contracts are scheduled in this area, five of them in amounts over one hundered thousand dollars.

The Fresno district will receive $1,011,000, the prgoram including three contracts of approximately $250,000 each and one for $190,000.

Five major contracts are slated for District II at various locations in Lassen, Tehama and Shasta counties. All are for more than $100,000, with a total of $740,500 for the district.

In District I six contracts are to be let for a total of $757,000. The work is located on routes in Lake, Mendocino, Del Norte and Humboldt counties.

District X will receive the smallest allotment of any of the Northern California divisions. Three contracts are scheduled, the largest being that for grading and resurfacing from Los Banos to the easterly boundary of Merced County to cost approximately $210,000. For grading and paving through the city of Vacaville on the San Francisco-Sacramento road $135,000 is allocated. The total district apportionment is $355,000.

The principal allotment to the San Luis Obispo district is an item of $665,000 for reconstruction of 3.5 miles of the Cuesta grade near San Luis Obispo. Two paving contracts in Santa Barbara County are allotted $235,000.

The Los Angeles district will receive $4,172,675 for 41 projects. San Diego is allotted $1,862,750 for 10 projects, two of which will exceed $400,000. San Bernardino receives $1,140,000 of which $415,000 is to be expended on 15.3 miles of grading and surfacing between Nevada State line and Mountain Pass in San Bernardino County. The Bishop district is allotted $324,865.

$453,169 AWARD TO EATON & SMITH

SACRAMENTO, June 23.—A contract was let today by the State Division of Highways to Eaton and Smith, San Francisco, for constructing undergrade crossings at Niles and paving connecting roadways on that firm's low bid of $453,169. The contract is one of the largest in the state's grade saparation program financed with Federal relief funds. It involves constructing six undergrade structures, one bridge and the paving of 2.89 miles of roadway, effecting a complete realignment of routes in the vicinity of Niles and eliminating dangerous grade crossings of the Southern Pacific and Western Pacific railroads.

$425,000 Alaska Federal Building Bids July 20

Bids are being taken July 20 by the Treasury Department, Procurement Division, for reconstructing a Federal Office Building in Nome, Alaska, for which $425,000 has been appropriated.

Plans call for a structure three stories in height, 50x80 feet and of reinforced concrete construction. It will house the post office, cable offices, jail, courtroom and various Federal offices.

The Treasury Department is completing plans for a Federal building at Ketchikan, Alaska, to cost $300,000 and this contract probably will be placed on the market shortly.

$4,700,000 FOR HOME BUILDING SINCE JANUARY

FHA Estimates Job Payrolls In City Aggregate $3,693,000

Building permits in San Francisco for the first five months of 1936 reached a total of $6,715,494. of which approximately $4,700,845 represents residential construction, according to statistics compiled by the Federal Housing Administration, Northern California district office.

On an estimated distribution of 55 per cent of the building dollar to direct labor, building craftsmen in San Francisco have received at least $3,693,521 in wages since the first of the year, D. C. McGinness, associate director of FHA, estimates.

This payroll in turn has been passed on through other business channels in the following proportions, according to FHA figures: $1,403,537 for food; $221,611 for light and fuel; $480,157 for clothing; $701,768 for shelter; $886.445 for entertainment and miscellaneous items.

McGinness declared that 5829 applications for insured single mortgages involving $25,310,975 already have been accepted for appraisal in the Northern California district, while national figures to June 2 show 74.672 mortgages amounting to $300,649,705 accepted for insurance.

Air-Conditioning for 15-Story Fresno Office Building

Contract for one of the largest air-conditioning installations yet undertaken in the west has been awarded Carrier Engineering Corp. of California, with headquarters in Los Angeles, for the Pacific Southwest building in Fresno, a 15-story bank and office building. The cost will approximate $150,000.

The Carrier company has started a crew of fifty men on day and night shifts to complete the contract by August 1 under supervision of J. G. Littlejohn.

All parts of the building, including the basement safety deposit box and main vaults, lobby and mezzanine floor of the bank, corridors and 200 offices will be served by the installation. A forced draft cooling tower will be constructed on the second-story roof of the Marinosa Street side of the building. The duct system can be installed without extensive alterations in the building.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2020	Reco	Janssen	4000
2021	Reco	Janssen	4000
2022	Cosmos	Owner	2000
2023	Recreation	WPA	12000
2024	Spinale	Carraro	4700
2025	Prout	Owner	2000
2026	Perkins	Owner	3500
2027	Lincoln	Owner	1000
2028	Vukicevich	Vukicevich	3500
2029	Doelger	Owner	4000
2030	Doelger	Owner	4000
2031	Doelger	Owner	4000
2032	Doelger	Owner	4000
2033	Doelger	Owner	4000
2034	Evers	Owner	4000
2035	Shea	Bay	4000
2036	McGilvray	Meniberger	1000
2037	Selvitella	——	3000
2038	Gray	Messenger	15000
2039	Everson	Owner	4000
2040	Tiscornia	Owner	4000
2041	Tiscornia	Owner	4000
2042	Dinkelspiel	DuPuy	12000
2043	Pacific	Wagner	4750
2044	Sergo	Owner	3500
2045	Potter	Aetna	10000
2046	Sherby	Owner	1500
1247	Watson	Owner	4000
1248	Hotel	Johnson	3800
1249	Fisher	Jacks	20000
1250	Warden	Hallgren	4000
1251	Campbell	Owner	3500
1252	Stelling	Sartorio	5000
1253	Goodman	Jacks	20000
1254	Herzig	Owner	4000
1255	Herzig	Owner	4000
1256	Herzig	Owner	4000
1257	Herzig	Owner	4000
1258	Samuelson	Owner	3750
1259	Meyer	Owner	3800
1260	Biglieri	Massagli	1900
1261	Mohr	Owner	3500
1262	Mohr	Owner	3500
1263	St. Lukes	Connell	2000
1264	Dutch	Mullen	2800
1265	Anza	Rousseau	5000
1266	Strauss	Jensen	5000

DWELLING
(2020 W EIGHTH AVE. 100 N Fulton St. One-story and basement frame dwelling.
Owner—Reco Corporation, 1136 Clement St., San Francisco
Architect—Not Given
Contractor—E. A. Janssen, 1136 Clement St., San Francisco. $4000

DWELLING
(2021) W EIGHTH AVE. 125 N Fulton St. One-story and basement frame dwelling.
Owner—Reco Corporation, 1136 Clement St., San Francisco
Architect—Not Given.
Contractor—E. A. Janssen, 1136 Clement St., San Francisco. $4000

ALTERATIONS
(2022) NW PINE AND LEAVENworth Sts. Alter apartments.
Owner—J. Cosmos, 645 Russ Bldg:, San Francisco.
Architect—Not Given. $2000

FIELD HOUSE
(2023) E NINTH AVE. 100 W Pacheco St. One-story frame field house.
Owner — Recreation Commission. 370 City Hall.
Architect — Wm. G. Merchant. Russ Bldg., San Francisco.
Contractor—WPA. $12,000

DWELLING
(2024) S UNDERWOOD ST. 225 E Lane St. One-story and basement frame dwelling.
Owner—Elenora Spinale, 169 Valparaiso St., San Francisco.
Architect—Not Given.
Contractor—G. Carraro & Sons, 750 Felton St., San Francisco. $4700

ALTERATIONS
(2025) NO. 2536 FILLMORE ST. Alter flats.
Owner—J. Prout, Premises.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco. $2000

DWELLING
(2026) E FORTY-SECOND AVE. 325 S Judah St. One-story and basement frame dwelling.
Owner—E. W. Perkins, 510 Stockton St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3500

ALTERATIONS
(2027) NO. 1148 VAN NESS AVE. South. Alter apartments.
Owner—R. Lincoln, 243 Vera Avenue, Redwood City.
Architect—Not Given. $1000

DWELLING
(2028) E THIRTY-FIRST AVE. 300 S Lawton St. One-story and basement frame dwelling.
Owner—E. E. Vukicevich, 1442 Taraval St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Contractor — M. E. Vukicevich, 1442 Taraval St., San Francisco. $3500

DWELLING
(2029) E SEVENTEENTH AVE. 75 S Moraga St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(2030) SE SEVENTEENTH AVE & Moraga St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(2031) E SEVENTEENTH AVE. 100 S Moraga St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(2032) E SEVENTEENTH AVE. 25 S Moraga St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(2033) E SEVENTEENTH AVE 50 S Moraga St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(2034) N KIRKHAM ST. 132 E 41st Ave. One-story and basement frame dwelling.
Owner—Kenneth Evers, 97 San Pablo Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(2035) E THIRTY-SIXTH AVE. 100 S Judah St. One-story and basement frame dwelling.
Owner—C. T. Shea, 105 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Bay Cities Building Co., 160 Russ Bldg., S. F. $4000

ALTERATIONS
(2036) NO. 147 TWENTY-EIGHTH Ave. Alter dwelling.
Owner—Dotte S. McGilvray, Premises
Architect—Not Given.
Contractor—H. S. Meinberger, 956 Folsom St., San Francisco. $1000

DWELLING
(2037) NE EXCELSIOR & NAPLES St. One-story and basement frame
Owner—G. & T. Selvitella, 615 Excelsior Ave., San Francisco.
Architect—Not Given. $3000
dwelling.

DWELLING
(2038) N PACIFIC AVE. 167 E Scott St. Two-story and basement frame dwelling.
Owner—Mr. Gray, Russ Bldg., S. F.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley. $15,000

DWELLING
(2039) N KIRKHAM ST. 157 E 41st Ave. One-story and basement frame dwelling.
Owner—Kenneth Evers, 97 San Pablo Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(2040) S VICENTE 120 E 26th Ave. One - story and basement frame dwelling.
Owner and Builder—D. Tiscornia, 1650 Alemany Blvd.
Architect—Not Given. $4,000

DWELLING
(2041) S VICENTE 95 E 26th Ave. One - story and basement frame dwelling.
Owner and Builder—D. Tiscornia, 1650 Alemany Blvd.
Architect—Not Given. $4,000

DWELLING
(2042) NE 25th AVE. and 25 Ave. N. Two - story and basement frame dwelling.
Owner—J. W. Dinkelspiel, % contractor.
Architect—W. D. Peugh, 333 Montgomery Street.
Contractor—Fred K. DuPuy, 110 Sutter Street. $12,000

SHOP
(2043) S STILLMAN 195 W 2nd St. Class C shop.
Owner—Pacific Scientific Co., 37 Spear Street.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park. $4750

DWELLING
(2044) W 21st AVE. 325 S Moraga. One - story and basement frame dwelling.
Owner—A. Sergo, 582-A Castro St.
Architect—Not Given. $3,500

FLAT
(2045) S PACIFIC 135 W Broderick. 2-story and basement frame flat.
Owner—Lyman J. Potter, % contractor.
Architect—F. F. Amandes, 414 Dewey Boulevard.
Contractor—Aetna Const. Co., 1730 24th Avenue. $10,000

ALTERATIONS
(2046) 1459 HAIGHT ST. Alter apts.
Owner—John Sherby, 1457 Haight St.
Architect—Not Given. $1500

DWELLING
(1247) S MORAGA ST. 87 E Twenty-ninth Ave. One-story and basement frame dwelling.
Owner—James Watson Jr., 6843 Mission St., Cottage 202, Mission Auto Court, San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(1248) NO. 550 GEARY ST. Alter restaurant.
Owner—Hotel El Cortez Corp., Prem.
Architect — W. Quandt, 401 Phelan Bldg., San Francisco.
Contractor—J. Johnson & Son, 1614 Church St., San Francisco. $3800

DWELLING
(1249) N CAMINO DEL MAR 206 W 27th Ave. Two-story and basement frame dwelling.
Owner—Harry E. Fisher, % Contractor.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., S. F. $20,000

DWELLING
(1250) E FUNSTON AVE. 275 N Taraval St. One-story and basement frame dwelling.
Owner—A. Warden, 2501 Army St., San Francisco.
Architect—Donnel E. Jaekle, 126 Post St., San Francisco.
Contractor — A. Hallgren, 1594 29th Ave., San Francisco. $4000

DWELLING
(1251) SE IDORA ST. 222 SW Woodside St. One-story and basement frame dwelling.
Owner—J. V. Campbell, 849 Laguna Honda Blvd., San Francisco.
Architect—Horald G. Stoner, Chancery Bldg., S. F. $3500

DWELLING
(1252) SE TWENTY-SIXTH AVE. & Lawton St. One-story and basement frame dwelling.
Owner—Martin Stelling Jr., 155 Montgomery St., San Francisco.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Engineer—W. H. Ellison, Pacific Bldg San Francisco.
Contractor—Peter Sartorio, 777 Monadnock Bldg. $5000

DWELLING
(1253) N CAMINO DEL MAR ——. Two-story and basement frame dwelling.
Owner—Louis E. Goodman, % Contractor.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. $20,000

DWELLING
(1254) N CRESTLAKE 333 W Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4000

DWELLING
(1255) N CRESTLAKE 300 W Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4000

DWELLING
(1256) N CRESTLAKE 267 W Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4000

DWELLING
(1257) N CRESTLAKE 366 W Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4000

DWELLING
(1258) E GIRARD ST. 179 S Felton Ave. Two-story and basement frame dwelling.
Owner — Roy Samuelson, 2177 Bay Shore Blvd., San Francisco.
Architect—Not Given. $3750

DWELLING
(1259) SE JUANITA WAY 110 SW Fowler St. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr., San Francisco.
Architect—Not Given. $3800

ALTERATIONS
(1260) NO. 166 PARKER AVE. Alter flats.
Owner—G. Bigllerl, Premises.
Architect—Not Given.
Contractor—G. Massagli & Co., 147 Parker Ave. $1900

DWELLING
(1261) E ALEMANY BLVD. 79 S Laura St. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission St., San Francisco.
Architect — Martin A. Sheldon, Monadnock Bldg., S. F. $3500

DWELLING
(1262) E ALEMANY BLVD. 76 N Laura St. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission St., San Francisco.
Architect — Martin A. Sheldon, Monadnock Bldg., S. F. $3500

ALTERATIONS
(1263) SE CLAY ST. AND VAN Ness Ave. Alter church.
Owner—St. Lukes Church, Premises.
Architect—Not Given.
Contractor — Frank E. Connell, 252 Diamond St., S. F. $2000

ALTERATIONS
(1264) SE ELLIS AND MASON STS. Alter restaurant.
Owner—Dutch Delicatessen, Premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co 60 Rausch St., S. F. $2800

DWELLING
(1265) NW ROMAIN ST. & GRAND View Ave. One-story and basement frame dwelling.
Owner—Anza Home Building Co., 321 Kearny St., San Francisco.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., S. F. $5000

DWELLING
(1266) N FRANCISCO ST. 94 E Franklin St. Two-story and basement frame dwelling
Owner—Lawrence Strauss, % Architect.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St. $5000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
943	Fisher	Johnson	2500
944	Fisher	Johnson	2500
945	Hynes	Owner	14000
946	Johnson	Ortzow	5800
947	Wickman	Soder	4200
948	Dahlquist	Owner	3000
949	City	Lesure	64480
950	Sims	Sims	6000
951	Sce	Owner	6800
952	.....	Bigelow	1500
953	Kellogg	Pearson	7000
954	Kellogg	Pearson	1000
955	Stroud	Owner	4000
956	.....	Norse	1000
957	Diener	Owner	1500
958	Winter	Olafson	1000
959	McLemore	Kavanagh	5200
960	Kavanagh	Owner	5000
961	Fleming	Owner	5000
962	Connolly	Owner	3000
963	Cavington	Alameda	1546
964	Central	Pickrell	3000
965	Central	Pickrell	4000
966	Central	Pickrell	3000
967	Sylvia	Sylvia	2200
968	Gully	Pickrell	4000
969	Searing	Villa	5000
970	Stout	Owner	2300
971	Bay ,	Holmes	22000
972	McNeur	Jensen	3500
973	Taylor	Owner	6000
974	Berkeley	Board	15200
975	Dahlberg	Beckett	8000
976	Smith	Waldman	4200
977	Dengler	Owner	2000
978	Marr	Johnston	1500
979	Guerio	Marietti	3400
980	Osborn	Dahl	4000
981	Gaubert	Gaubert	6000
982	Lamat	Gaubert	8000
983	Fraga	Johnson	2950
984	Scammell	Owner	5000
985	Hambleton	Hambleton	5000
986	Cowan	Icardi	5000
987	McEaneny	Henderson	4300
988	Gillespie	Owner	4000
989	Dougherty	Shapiro	2500
990	Hastings	Parker	40000
991	Scottish	Owner	1000
992	Lynch	Owner	3500
993	Cox	Whalin	1000

DWELLING
(943) 1715 104th AVE., OAKLAND. One-story 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Elmer Johnson, 450 Oakes Blvd., Oakland. $2500

DWELLING
(944) 1741 101st AVE., OAKLAND. One-story 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Elmer Johnson, 450 Oakes Blvd., Oakland. $2500

ALTERATIONS
(945) 410 14th ST., OAKLAND. Alterations.
Owner and Contractor—Adrian Hynes, Bank of America Bldg., Oakland.
Architect—Not Given. $14,000

DWELLING
(946) 5765 COLTON BLVD., OAKLAND. Two-story 6-room dwelling.
Owner—H. W. Johnson and J. Ortzow 1262 Virginia St., Berkeley.
Architect—Not Given.
Contractor—John Ortzow, 3924 Clarke St., Oakland. $5800

DWELLING
(947) 4285 ATLAS AVE., **OAKLAND.** One-story 5-room dwelling.
Owner—Herbert Wickman, 446 65th Street, Oakland.
Architect—Not Given.
Contractor—Oscar Soder, 841 Arlington St., Oakland. $4200

DWELLING
(948) 2714 EAST 16th STREET, **OAKLAND.** One-story 5-room dwelling.
Owner and Contractor—Aaron Dahlquist, 1612 27th Ave., Oakland.
Architect—Not Given. $3,000

ADDITION
(949) OUTER HARBOR Terminal, **OAKLAND.** Concrete addition.
Owner—City of Oakland, Grove Street Pier.
Plans by Port Dept. of Owner.
Contractor—E. T. Lesure, 87 Ross Circle, Oakland. $64,480

DWELLING
(950) 1721 CLEMENS ROAD, **OAKLAND.** Two-story 7-room dwelling.
Owner—Rachel B. Sims, 1939 Courtland Ave., Oakland.
Architect—Not Given.
Contractor—W. H. Sims, 1939 Courtland Ave., Oakland. $6,000

DWELLING
(951) 1412 OXFORD, **BERKELEY.** Two-story 12-room frame dwelling and garage.
Owner & Contractor—K. R. See, 1633 Archt St., Berkeley.
Architect—Not Given. $6800

DWELLING
(952) 1419 CYPRESS ST., **BERKELEY.** One-story four-room frame dwelling.
Owner—Not Given.
Architect—Not Given.
Contractor—J. L. Bigelow & Sons, 150 Ardmore Road, Berkeley. $1500

DWELLING
(953) 625 SPRUCE ST., **BERKELEY.** One-story 7-room frame dwelling.
Owner—Dr. and Mrs. W. H. Kellogg, 1700 Le Roy, Berkeley.
Plans by J. B. Anthony.
Contractor—Pearson & Weston, 1729 Grove St., Berkeley. $7,000

GARAGE
(954) 625 SPRUCE ST., **BERKELEY.** Private garag.e
Owner—Dr. and Mrs. W. H. Kellogg. 1700 Le Roy St., Berkeley.
Plans by J. B. Anthony.
Contractor—Pearson and Weston, 1729 Grove St., Berkeley. $1,000

DWELLING
(955) 70 HALKIN LANE, **BERKELEY.** One-story five-room frame dwelling.
Owner and Builder—J. A. Stroud, Jr., 370 70th St., Oakland.
Architect—C. H. Treichel, 696 Cleveland St., Oakland. $4,000

ALTERATIONS
(956) 2169 SHATTUCK AVE., **BERKELEY.** Alterations.
Owner—Not Given.
Architect—Not Given.
Contractor—T. O. Norse, 1342 Euclid Ave., Berkeley. $1,000

DWELLING
(957) 4038 BROWN AVE, **OAKLAND.** One-story 3-room dwelling.
Owner & Contractor—Antoinette Diener, 1131 Page St., Berkeley.
Architect—Not Given. $1500

ADDITION
(958) 4095 FOOTHILL BLVD., **OAKLAND.** Addition to store.
Owner—Winter Bros., 4095 Foothill Blvd., Oakland.
Architect—Not Given.
Contractor—S. J. Olafsson, 243 Moss Ave., Oakland. $1000

DWELLING
(959) 5958 BUENA VISTA AVENUE, **OAKLAND.** Two-story six-room dwelling.
Owner—Winifred McLemore.
Architect—Not Given.
Contractor — D. S. Kavanagh, 1729 Francisco St., Berkeley. $5200

DWELLING
(960) 5964 BUENA VISTA AVENUE, **OAKLAND.** Two-story six-room dwelling.
Owner and Contractor—D. S. Kavanagh, 1729 Francisco St., Berkeley.
Architect—Not Given. $5,000

DWELLING
(961) 3636 VICTOR AVE., **OAKLAND.** One-story 6-room dwelling.
Owner and Contractor—John Fleming, 2712 14th Ave., Oakland.
Architect—Not Given. $5,000

DWELLING
(962) 1343 PERALTA AVE., **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner and Builder—M. R. Connolly, 1341 Peralta Ave., Berkeley.
Architect—Not Given. $3,000

ALTERATIONS
(963) 1519 BROADWAY, **ALAMEDA.** Alterations and repairs.
Owner—Mary L. Cavington, Los Angeles.
Architect—Not Given.
Contractor—Alameda Home Builders, 1535 Everett St., Alameda. $1546

DWELLING
(964) 1533 GRAND ST., **ALAMEDA.** One-story 5-room dwelling.
Owner—Central Building & Loan Association, Central Ave. and Park St., Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda. $3,000

DWELLING
(965) 1529 GRAND ST., **ALAMEDA.** One-story 5-room dwelling.
Owner—Central Building & Loan Association, Central Ave. and Park St., Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda. $3,000

DWELLING
(966) 1527 GRAND ST., **ALAMEDA.** One-story 5-room dwelling.
Owner—Central Building & Loan Association, Central Ave. and Park St., Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda. $3,000

DWELLING
(967) 412 LINCOLN AVE., **ALAMEDA.** One-story 4-room dwelling.
Owner—A. M. Sylvia, 1009 Union St., Alameda.
Architect—Not Given.
Contractor—Harold Sylvia, 3255 Fernside Blvd., Alameda. $2,200

DWELLING
(968) 2708 CLAY ST., **ALAMEDA.** One-story 6-room dwelling.
Owner—Chas. B. Gully, 1359 Pearl St. Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda. $4,000

DWELLING
(969) N FLORENCE AVE. 215 East Alta Road, **OAKLAND.** One-story 5-room dwelling.
Owner—H. M. Searing, 5472 Kales Avenue, Oakland.
Architect—Not Given.
Contractor—Joe Villa, 1207 Solano Avenue, Albany. $5,000

DWELLING
(970) 2615 OLIVER ST., **OAKLAND.** One-story 5-room dwelling.
Owner and Contractor—Alice M. Stout 4321 Park Blvd., Oakland.
Architect—Not Given. $2300

ADDITION
(971) 672 SECOND ST., **OAKLAND.** Two-story brick addition.
Owner—Bay Cities Bottle Supply Co., 3rd and Castro Sts., Oakland.
Architect—T. J. Keenan, 214 Howden Bldg., Oakland.
Contractor—Arthur S. Holmes, Howden Bldg., Oakland. $22,000

ALTERATIONS
(972) 1028 HOLLYWOOD AVENUE, **OAKLAND.** Alterations.
Owner—Robt. McNeur, 1028 Hollywood Ave., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland. $3500

DWELLING
(973) 2300-02 IVY DRIVE, **OAKLAND.** Two-story 10-room duplex dwelling.
Owner and Contractor—F. S. Taylor, 1622 Harrison St., Oakland.
Architect—Not Given. $6,000

ALTERATIONS
(974) 2771 TELEGRAPH AVENUE, **BERKELEY.** Alterations to gym.
Owner—Berkeley School District, 2325 Milvia St., Berkeley.
Architect—Not Given.
Contractor—Board of Education, 2325 Milvia St., Berkeley. $15,200

DWELLING
(975) 787 SANTA BARBARA, **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner—B. A. Dahlberg, 1763 Spruce St., Berkeley.
Architect—F. Confer, Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Berkeley. $8,000

DWELLING
(976) NO. 1944 107TH AVENUE, **OAKLAND.** One-story six-room dwelling and one-story garage.
Owner—Grace L. Smith.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $4200

DWELLING
(977) SE 105TH AVE. AND PIPPIN St., **OAKLAND.** One-story four-room dwelling.
Owner—J. M. Dengler, 824 105th Ave., Oakland.
Architect—Not Given. $2000

ALTERATIONS
(978) NO. 1939 STUART STREET, **BERKELEY.** Alterations.
Owner—Marr, 857 53rd St., Berkeley.
Architect—Not Given.
Contractor—J. R. Johnston, 1142 107th Ave., Oakland. $1500

DWELLING
(979) NO. 1230 DELAWARE ST., **BERKELEY.** One-story five-room frame dwelling and garage.
Owner—A. C. Guerio, 2427 10th St., Berkeley.
Architect—Not Given.
Contractor—Chas. Marietti, 1201 Stannage St., Berkeley. $3400

DWELLING
(980) NO. 2800 EIGHTH AVENUE, **OAKLAND.** One-story 4-room dwelling.
Owner—L. Osborn, 879 E-28th Street, Oakland.
Architect—Not Given.

Contractor — E. W. Dahl, 2901 56th Ave., Oakland. $4000

DWELLING
(981) NO. 1808 ROSECREST DRIVE, **OAKLAND.** One-story six-room dwelling.
Owner—N. Gaubert, 4735 Brookdale Ave., Oakland.
Architect—Not Given.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland. $6000

STORES
(982) NO. 9625-29 E-FOURTEENTH St., **OAKLAND.** One-story concrete store building.
Owner—J. Lamat, 9637 C St., Oakland
Architect—Not Given.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland. $8000

CLEANING WORKS
(983) NO. 3200 FILBERT STREET, **OAKLAND.** One-story carpet cleaning works.
Owner — Wm. Flagg, 7878 Lockwood St., Oakland.
Architect—Not Given.
Contractor — L. Johnson & Son, 223 Greenbank Ave., Piedmont. $2950

DWELLING
(984) NO. 2514 COSTELLO STREET, **OAKLAND.** One-story six-room dwelling.
Owner—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5000

DWELLING
(985) ND. 5700 THORNHILL DRIVE, **OAKLAND.** Two-story six-room dwelling.
Owner—E. J. Hambleton, 4220 Broadway, Oakland.
Architect—Not Given.
Contractor — Fred Hambleton, 1601 Wellington St., Oakland. $5000

DWELLING
(986) NO. 2097 ACTON STREET, **BERKELEY.** Two-story ten-room frame dwelling and garage.
Owner—Frank Cowan, 5630 San Pablo Ave., Berkeley.
Architect—Not Given.
Contractor—A. Icardi, 972 Aileen St., Oakland. $5000

ADDITION
(987) NO. 2524 WARRING STREET, **BERKELEY.** Additions and alterations.
Owner—E. C. McEaneny, Premises.
Architect—Not Given.
Contractor—H. K. Henderson, 20 Avis Road, Berkeley. $4300

DWELLING
(988) NO. 533 SPRUCE STREET, **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner—M. Gillespie, 2901 Garber St., Berkeley.
Architect—Not Given. $4000

ALTERATIONS
(989) 2083 OAKLAND AVE., **PIEDMONT.** Alterations.
Owner—John A. Dougherty, 2083 Oakland Ave., Piedmont.
Architect—J. B. Anthony, 2014 Shattuck Ave., Oakland.
Contractor—S. M. Shapiro, 2014 Shattuck Ave., Oakland. $2500

ALTERATIONS
(990) NO. 1530 BROADWAY, **OAKLAND.** Alterations.
Owner—Hastings, Inc.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor — K. E. Parker Co., 135 South Park, San Francisco. $40,000

REPAIRS
(991) NO. 1547 OAK STREET, **OAKLAND.** Repairs.
Owner—Scottish Rite Temple Assn., 1547 Oak St., Oakland.
Architect—Not Given. $1000

DWELLING
(992) NO. 3577 SIXTY - FOURTH Ave., **OAKLAND.** One-story 5-room dwelling.
Owner—C. M. Lynch, 2227 Santa Rita Ave., Oakland.
Architect—Not Given. $3500

ALTERATIONS
(993) NO. 2520 ELLSWORTH ST., **BERKELEY.** Alterations.
Owner—J. D. Cox, 2423 Blake Street, Berkeley.
Architect—Not Given.
Contractor—Whalin Bros., 2942 23rd Ave., Oakland. $1000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
61	San Francisco	Dinwiddie	20322
62	Stelling	Sartorio	6882
63	Filoli	Dinwiddie	18500

ALTERATIONS
(61)NO. 932 MISSION ST. New mezzanine and boiler room; installation of heating system, ventilating system, plumbing fixtures, office fixtures and gereral repairs for alterations to building.
Owner—San Francisco Remerial Loan Association, Ltd., Premises.
Architect—Not Given.
Contractor — Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.
Filed June 18, '36. Dated June 15, '36.
Each month 75%
Usual 35 days..... 25%
TOTAL COST, $20,322
Bond, $20,322. Surety, Pacific Indemnity Co. Limit, 120 days. Forfeit, $50 per day. Plans and specifications filed.

STORE BLDG.
(62) SE COR. 26th AVE. and Lawton St. One-story frame store.
Owner—Martin Stelling, Jr., 155 Montgomery Street.
Architect—Earle B. Bertz, 681 Market.
Contractor — Peter Sartoric, Monadnock Bldg.
Filed and Dated, June 20, 1936.
Fifth of each month.....75%
Usual 35 days.....25%
TOTAL COST, $6,882
Bond, $6882. Sureties U. S. Fidelity & Guaranty Co. Limit, 60 working days. Plans and Spec. filed.

PENT HOUSE
(63) NO. 133 GEARY ST., ninth floor. All work for one-story pent house.
Owner—Filoli Inc., Premises.
Architect—Not Given.
Contractor—Dinwiddie Constr Co., 210 Crocker Bldg., San Francisco.
Filed June 22, '36. Dated June 18, '36.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $18,500
Bond, $18,500. Surety, United States Bond & Guaranty Co. Limit, 70 days. Forfeit, plans & specifications none.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
78	Texas	Tobin	2980
79	Drummond	Anderson	1736
No.	Owner	Contractor	Amt.
80	Welsh	Knight	5150
81	Olofson	Stolte	15892
82	Howard	Johnson	——
83	Williams	Kaufenberg	82345

LAYING PIPE LINE, ETC.
(78) FERRY and Dolphin Sts., Oakland. Laying pipe line, etc.
Owner—Texas Co., 19th and Dennison Sts., Oakland.
Architect—Not Given.
Contractor—W. J. Tobin, 2701 Balfour Ave., Oakland.
Filed June 18, '36. Dated, June 15, '36.
15 days after completion $2980
TOTAL COST, $2980
Bond, $2980. Sureties, U. S. Fidelity & Guaranty Company.

ALTERATIONS
(79) LOT 29 Glen Echo Trail, Piedmont. Alterations.
Owner—Drummond Wilde, 362 Jayne Ave., Oakland.
Architect—Not Given.
Contractor—George W. Anderson, 211 Hanover Ave., Oakland.
Filed, June 18, '36. Dated May 26, '36.
Plastering completed ..... One-third
Completion ..... One-third
Usual 35 days..... One-third
TOTAL COST, $1736

RESIDENCE
(80) PTN LOT B BLK 62, Alameda Park Homestead, Alameda. Residence.
Owner—H. W. and Agnes C. Welsh.
Architect—Paul V. Tuttle, 3839 Randolph St., Oakland.
Contractor—H. C. Knight, 1435 Harrison St., Oakland.
Filed June 19, '36. Dated May 25, '36.
Floor joists in place..... one-fifth
Rafters in place..... one-fifth
Plastered ..... one-fifth
Completion ..... one-fifth
Usual 35 days..... one-fifth
TOTAL COST, $5150
Limit, 90 days. Plans and Spec. filed.

RESIDENCE
(81) PTN LOT 145 Upper Piedmont Est., Oakland. Two-story frame residence.
Owner—Mr. and Mrs. A. F. Olofson.
Architect — E. T. Spencer, Berkeley Board of Education.
Contractor—F. C. Stolte Co., 3155 Laguna Ave., Oakland.
Filed, June 20, '36. Dated, June 19, '36
Framing comp. and roof on.....20%
Rough plb. and electric work 20%
Plastered 20%
Completed 20%
Usual 35 days.....20%
TOTAL COST, $15,892
Limit, 90 days. Plans and Spec. filed.

ALTERATIONS
(82) FIRST AND MARKET STS., **OAKLAND.** All work for alterations.
Owner—Howard Terminal.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland.
Filed June 23, '36. Dated June 3, '36.
Contractor paid 5% for supervision
No contract amount stipulated.
TOTAL COST, $——
Bond, limit, forfeit, plans and specifications, none.

STORE BLDG.
(83) SE BROADWAY AND MOSS Ave., Oakland. All work for reinforced concrete store building.
Owner—Andrew Williams Stores, Inc.
Architect—Edw. T. Foulkes, 357 12th St., Oakland
Contractor—V. A. Kaufenberg, 80 E. 5th St., Pittsburg.
Filed June 23, '36. Dated June 23, '36.
On 6th day of each month..... 90%
Usual 35 days..... 10%
TOTAL COST, $82,345
Bond, $82,345. Surety, Standard Accident Insurance Co. Limit, 120 days. Forfeit, none. Plans and specifications filed

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
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13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Figured.
DUPLEX APTS. Cost, $——
PALO ALTO, Santa Clara Co., Calif.
One-story frame and stucco duplex apartments (two 4-room apts.)
Owner—Dr. Moore.
Architect—A. A. Cantin, 557 Market St., San Francisco.
About ten days will be allowed for figuring the plans.

To Be Done By Day's Work.
ALTERATIONS Cost, $2500
SAN FRANCSISCO. No. 1459 Haight Street.
Alterations to apartments.
Owner—John Sherby, 1457 Haight St., San Francisco.
Architect—Not Given.

Plans Being Figured—Bids Close July 1, 1 P. M.
APARTMENTS Cost, $——
SAN FRANCISCO. Oak St., between Gough and Franklin Sts.
Four-story Class C concrete and steel frame apartment building (33 2-room apts.) concrete walls, etc.
Owner—Mary L. Curley.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
Following contractors will submit bids:
H. L. Petersen, 275 Ninth St., San Francisco.
K. E. Parker, 135 South Park, San Francisco.
Jacks & Irvine, 620 Market St., San Francisco.
Peter Sartorio, 666 Mission St., San Francisco.
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., San Francisco.
Reed & Reed, 1131 Hearst Bldg., San Francisco.

Sub-Contracts Awarded.
APARTMENTS Cost, $——
SAN FRANCISCO. SE Pierce Street and Toledo Way.
Three-story and basement frame and stucco apartments (21 2- 3- and 4-room apts.) steel frame to first floor, plastered exterior, composition shingle roof, wood sash, tile baths, hardwood floors, etc.
Owner—James Skelly.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor — Oliver M. Rousseau, 321 Kearny St., San Francisco.
Fire Escapes and Ornamental Iron—Kern & Sons, 517 6th St., San Francisco.
Plumbing—M. Deslano, 3117 Fillmore St., San Francisco.
Plastering — Marconi Plastering Co., 1737 Beach St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Millwork — Herring & Nutting, 750 Florida St., San Francisco.
As previously reported, structural steel awarded Golden Gate Iron Wks. 1541 Howard St.
Other awards will be made shortly.

Plans Completed
APARTMENT BLDG. Cost, $——
SAN FRANCISCO. NE Greenwich & Gough Streets.
Three-story frame apartment building (15 2- and 3-room apts.) tile baths, hardwood floors, steam heat
Owner—Salvatore Battaglia, % architect.
Architect—H. C. Baumann, 251 Kearny Street.

Contract Awarded
APARTMENTS Cost, $13,000
SAN MATEO, San Mateo Co., Calif. Seville and El Camino Real.
Two-story frame and rustic apartment building (four 4-room apts.) Colonial type; shingle roof, hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Contractor—T. J. Broderick, 1528 Cypress Ave., Burlingame.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded.
WAREHOUSE Cost, $22,200
STOCKTON, San Joaquin Co., Calif., 940-48 East Church Street.
One-story brick warehouse.
Owner—Eastside Warehouse Company
Architect—Elmore G. Ernst, 9 W. Cleveland, Stockton.
Contractor—T. E. Williamson, P. O. Box 93, Stockton.
Roofing — Johns Manville Co., (San Joaquin Lumber Co.)
Electric Wiring—Home Wiring Co., 809 2d St., Modesto.
Sheet Metal—F. E. Fraser, 445 S. San Joaquin St., Stockton.
Brick Work—Ray Sturm.
Lumber — San Joaquin Lumber Co., P.O. Box 71, Stockton.
Hardware—Turner Hardware Co., P.O. Box 1050, Stockton.
Concrete—D. J. DePaoli, 982 Pleasant Ave., Stockton.
Reinforcing Steel—Kyle & Co., 346 G St., Fresno.

CONTRACT AWARDED
LOS ANGELES, Calif. — Brock & Clark, 107 N. Larchmont Blvd., Los Angeles, awarded contract for construction of a group of mill buildings and a warehouse at 1647 W. 7th St., Long Beach, for Pacific Oil Meal Co. The structure will be of steel frame construction, corrugated iron sides and roof and will consist of a metal warehouse 120x100 feet; a copra warehouse 150x100 feet; elevator house, small machinery buildings and a small dock.

Bids Opened
HANGARS Cost, $685,300
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Two permanent airplane hangars (pile foundations, reinf. concrete and steel construction).
Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President) Financial Center Bldg., San Francisco.
Architect — W. P. Day, Director of Works, Financial Center Building, San Francisco.
Specifications W. D. 107.
Low Bidder—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, $736,000.
Complete bids follow:
MacDonald & Kahn, S. F. $736,000
Clinton Const. Co., S. F. 747,000
J. H. Pomeroy & Co., S. F. 764,368

Contract Awarded.
WAREHOUSE Cost, $——
OAKLAND, Alameda Co., Calif. Pier St., bet. Ferry and Terminal.
One-story steel frame warehouse (80x170 feet).
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

Warehouse Contract Awarded
REFINERY Cost, $2,000,000
YOLO COUNTY, Calif. Two and one-half miles northeast of Woodland.
New sugar refinery (two- and three-story, reinf. concrete sugar refinery (20x85-ft.) 2-story reinforced concrete office building (96x61 ft.) conc. woodlined bins equipped with air-circulating system; two warehouses (60x135-ft.) reinforced concrete foundation, corrugated iron walls, ventilators, power plant.
Owner—Spreckels Sugar Company (C. J. Moroney, Mgr.) 2 Pine St., San Francisco.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Engineering plans by Owner.
Warehouses—J. G. Motroni, Woodland approximately, $15,000.
Contracts on tracks, roads, etc., will be made within a few days. Bids on the major portions of the work will be asked about August 15.

Contracts Awarded
SHOP Cost, $——
FRESNO, Fresno Co., Calif. Eighth and Ventura Avenue.
Completion of maintenance shop bldg. (concrete and brick construction).
Owner—City of Fresno School District (L. L. Smith, Secretary).
Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.
Contracts awarded as follows:
Finish Carpentry—T. C. Irwin, 269 N Fulton St., Fresno, $7,185.
Plumbing—Barrett - Hicks Co., 1027 Broadway, Fresno, $587.
Electrical—Inland Light Co., 1414 Fulton St., Fresno, $1,598.
Complete bids follow:

Finish Carpentry

T. C. Irwin, Fresno	$7,185
Harris Const. Co., Fresno	7,990
Jolly & Harrington, Fresno	8,300

Plumbing

Barrett-Hicks Co., Fresno	587
Frank Hudson	651

Electrical

Inland Light Co., Fresno	$1,598
Wessel Electric Co.	1,784
Robinson Electric Co.	1,841
Fresno Electric	1,889
B. A. Goodenough	2,057

Contract Awarded.
FACTORY Cost, $15,000
BAKERSFIELD, Kern Co., Cal. No. 1705 Twentieth Street.
One-story and basement reinforced concrete commercial building (30x122 feet) air conditioning system, etc.
Owner—Kearn County Bottling Works (Gene Carlton, Mgr.)
Architect—Chas. Biggar, Haberfelde Bldg., Bakersfield.
Contractor — Opperman & Kampe, Bakersfield.

Contract Awarded.
ADDITION Cost, $25,000
OAKLAND, Alameda Co., Cal. No 672 Second Street.
Two-story brick addition to plant.
Owner—Bay Cities Bottle Supply Co., 372 Castro St., Oakland.
Plans by T. J. Keenan, 214 Howden Bldg., Oakland.
Contractor—Arthur S. Holmes, Howden Bldg., Oakland.

5— FLATS

To Be Done By Day's Work.
ALTERATIONS Cost, $3000
SAN FRANCISCO. NW Pine and Leavenworth Streets.
Alterations to flats.
Owner—J. Cosmos, Russ Bldg., San Francisco.
Architect—Not Given.

Contract Awarded.
FLATS Cost, $12,000
SAN FRANCISCO. S Pacific Ave W Broderick Street.
Two-story and basement frame and stucco flats.
Owner—Lyman J. Potter.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Architect — Aetna Constr. Co., 1730 24th Ave., San Francisco.

Owner Taking Sub-bids.
FLATS Cost, $11,000 each
SAN FRANCISCO. Rossi Avenue (Francisco Heights).
Nine two-story and basement frame and stucco flat buildings (2 5-room flats in each building) gas heating systems, wood sash, tile baths, hardwood floors, etc.
Owner and Builder — Ben Liebman, 3319 Fillmore St., San Francisco.
Architect—R. R. Irvine, 2048 Market St., San Francisco.

Sub-Contracts Awarded
FLATS Cost, $20,000
SAN FRANCISCO, N. Jackson St. W Broderick Street.
Three-story frame and stucco flats (1 six-room and 1 seven-room flats), 2 baths each; tar and gravel roofing, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Henry T. Howard.
Architect — Henry T. Howard, 580 Market Street.
Contractor—Wm. C. Tait, 833 Market St., San Francisco.
Excavation—Devincenzi Bros. & Co., 150 Collins St.
Steel Sash and Orn. Iron—Michel & Pfeffer Iron Works, Harrison & 10th Sts.
Lumber—Smith Lumber Co., 4th and Channel Sts.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $5000
PITTSBURG, Contra Costa Co., Calif. Seventh and Railroad Streets.
New service station.
Owner—Texas Oil Company.
Plans by Engineering Dept. of Owner.
Contractor — H. T. Gettins Co., 268 13th St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $2,000
PALO ALTO, Santa Clara Co., Calif., Emerson Street.
Alterations to commercial garage.
Owner—A. S. Beckner.
Architect—Not given.
Contractor—Harry Engman, 244 Rinconada St., Palo Alto.

7— FEDERAL BUILDINGS

Bid Opening Date Postpnoed Until July 13, 1 P. M.
FEDERAL JAIL Cost, $600,000
SAN PEDRO, Los Angeles Co., Calif. Reservation Point.
New Federal Jail to serve Southern California and Arizona.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Date was previously set for June 30.
Plans and specifications may be obtained from above office and from W. A. Newman, District Engineer, 232 Federal Office Bldg., San Francisco. No deposit required.
The plant will be built in the shape of a rectangle and will cover an area of 680x250 feet. It will consist of a number of units constructed around a central court, including an administration building, storage warehouse, shops, power house, dormitories, recreation rooms, cell blocks, auditorium mess hall, service rooms, etc.
The walls, partitions, floors and roof will be built of reinforced concrete, timber pile foundations, metal skylights, waterproofing concrete stack with brick lining, architectural terra cotta, prison equipment, tubular doors steel rolling curtains, detention type windows, vault and arsenal doors, hollow metal work, metal plumbing enclosures, steel partitions, composition roofing, insulation, stucco, refrigeration system, cold storage and refrigeration rooms, boiler plant, steam distribution system, vacuum heating system, fan blast, heating for outside cell blocks, ventilating apparatus, elevators, steel tank and tower, granolithic work, etc.

Bids Wanted — To Close July 9, 2 P. M.
MAGAZINES Cost, $——
HICKAM FIELD, T. H.
Six, 40x25x10 Igloo Type reinforced concrete underground magazines with wood barricades and two 8x 8 ft. black powder magazines with wood barricades and a seven foot high non-climable fencing around entire magazine area.
Owner—United States Government.
Plans by Constructing Quartermaster, Hickam Field, T. H.
Plans and specifications may be obtained from above office upon deposit of $10,00 and one set of plans is on file in the office of the Constructing Quartermaster, Fort Mason, and may be inspected by those interested.
Bids will be opened in Hickam Field only.

LOW BIDDER
HOLLYWOOD, Los Angeles Co., Calif.—William Morgan, 4862 Santa Monica Blvd., submitted low bid at $568 to Treasury Department, Procurement Division, Public Works rBanch, Washington, D. C., for decorative painting of plaster in the Hollywood Post Office.

Bids Wanted—To Close July 15, 1
INSPECTION STA. Cost, $17,000
United States Inspection Station.
Owner—United States Government.
Plans by Supervising Archiect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office.

Bids Wanted—To Close July 22, 1 P. M.
INSPECTATION STA. Cost, $17,500
FERRY, Washington.
SASABE, Arizona.
United States Inspection Station.
Owner—United States Government.
Plans by Supervising Archiect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office. No deposit required.

BIDS WANTED
SANTA CLARA, Santa Clara Co., Cal.—Until July 14, 1 P. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for exterior changes, etc., at the U. S. Post Office at Santa Clara.
Plans and specifications may be obtained from above office and from the Custodian of Building, Santa Clara.

BIDS WANTED
SEATTLE, Wash.—Until July 15, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for repointing and waterproofing the exterior wall surfaces, etc., of the U. S. Federal Office Bldg., Seattle.
Specifications may be obtained from above office and from the Custodian of the building at Seattle.

Bids Wanted—To Close July 20, 1 P. M.
POST OFFICE Cost, $425,000
NOME, Alaska.
U. S. oPst Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office. No deposit required

COMPLETE BIDS
HOLLYWOOD, Los Angeles Co., Cal.—Wm. R. Morgan, Los Angeles, at $568 submitted low bid to Treasury Department, Washington, D. C., for painting plaster, etc., at Holly-Post Office.
Complete bids follow:
Wm. R. Morgan, Los Angeles....$ 568
D. Zelinsky & Sons, S. F..... 884
Harry U. Munson, Glendale..... 1355
Bids held under advisement.

LOW BIDDER
SAN FRANCISCO. — General Fireproofing Co., Washington, D. C., at $11,800 submitted low bid to Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing metal shelving in the U. S. Federal Office Bldg., San Francisco.

Low Bidder
POST OFFICE Cost, $84,000
SANTA MARIA, Santa Barbara Co., Cal. Lincoln and Cypress Streets.
Post office, one -and part 1½-story California - Spanish style; basement and mezzanine (64x72) loading platform in rear; tile and composition roofing; cast stone stairs; terrazzo floors, vault, lavatory facilities, oil burning unit, heating system, etc.
Owner—U. S. Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—L. F. Dow, 1243 25th St., Santa Monica, $58,313.
Three low bids follow:
L. F. Dow, Santa Monica..... $58,313.
Robt. E. McKee, L. A..... 61,000
Schuler & McDonald, Inc. Oakland $62,647
Complete bids will be given shortly.

SUB-BIDS WANTED
AUBURN, Placer Co., Cal.—George Peterson, % New Woodland Post Office desires sub-bids on all portions of the work for construction of a new post office building at Auburn, for which bids will be opened by the Treasury Department, Washington, D. C., July 2, 1 P. M.

CONTRACT AWARDED
ALCATRAZ ISLAND, Cal.—Pacific Electric Mfg. Co., 5815 3rd St., San Francisco, at $2038 awarded contract by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, for bullet-proof glass front on Armory and bullet-proof glass covered opening in wall of cell house, all in Building 68, Alcatraz Island.

CONTRACT AWARDED

VENTURA, Cal.—R. F. Kurt Haas, 4150 Verdant St., Los Angeles, at $176, awarded contract by Treasury Department for plaster models of the U. S. Post Office for Ventura.

BIDS OPENED

SELMA, Fresno Co., Cal.—Lombard & Ludwig, Inc., 1428 Church St. N.W., Washington, D. C., at $58 submitted low bid to Treasury Department for plaster model of the U. S. Post office for Selma.

Complete bids follow:
Lombard & Ludwig, Inc., $58.
Washington Ornamental Co., Washington, D. C., $62.
Henry J. Green, Washington, D. C., $68.
Studio of Architecture, Washington, $79.
Bids held under advisement.

BID OPENING DATE POSTPONED

BALBOA, Canal Zone.—Until July 15, 11 A. M. (date postponed from July 1) bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for the construction of three 4-family quarters at the Naval Radio Station at Balboa, C. Z. Work includes concrete construction; cast stone, brick and hollow tile, steel and iron work, metal studding and lathing, plaster and stucco, marble and tile, plaster and millwork, screenings, plumbing, water heating equipment and electrical work. Spec. No. 8120. Estimated cost $90,000.

Plans and specifications may be obtained from above office and from the Commandant, 15th Naval Dist., Balboa, C. Z., upon deposit of $10.00.

BIDS WANTED

SUMMIT, C. Z.—Until July 8, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for the construction of facilities building, four quarters, refrigeration system in the barracks building and roads and walks at the Naval Radio Station, Summit, C. Z. Est. cost, $140,000. Spec. No. 7890.

The work includes concrete, brick and hollow tile, steel and iron work, tile and built-up roofing, sheet metal work, steel windows, metal and metal covered doors, metal studding, and lathing; plaster and stucco, marble and tile work, carpentry and joinery; metal and wood screens, water distribution and sewage; plumbing, refrigeration and electric work, and bituminous macadam roads

Plans and specifications may be obtained from above office upon deposit of $30.00.

NOTE: It was previously incorrectly reported that the bid opening date had been extended to July 15.

COMPLETE BID LISTING

HOLLYWOOD, Los Angeles Co., Calif. — William Morgan, 4862 Santa Monica Blvd., Los Angeles, at $568, as previously reported ,submitted low bid to Treasury Department, Procurement Division, Washington, D. C., for decorative painting of plaster in the Hollywood Post Office.

Complete bids follow:
Wm. R. Morgan, Los Angeles.....$ 568
D. Zelinsky & Sons, Inc., S. F.... 884
Harry P. Munson, Glendale 1,355

COMPLETE BID LISTING

McMINNVILLE, Oregon.—Newman Bros., McMinnville, at $329, as previously reported, submitted low bid to the Treasury Department for painting plaster, etc., in the U. S. post office at McMinnville.

Complete bids follow:
Newman Bros., McMinnville.....$329.00
R. F. Johnson, Portland..... 348
Clair Strong, Corvallis..... 390
F. M. Machart, Sapulpo, Okla..... 492

COMPLETE BID LISTING

McMINNVILLE, Ore.—H. L. Grohne Decatur, Ill., at $1,468 on Item 1 submitted low bid, as previously reported, to the Treasury Department, for waterproofing, brick work, etc., in the U. S. post office at McMinnville.

Complete bids follow:
Henry L. Grohne, Decatur: (1) $1,468; (2) $1,668.
Douglas-Hammond Const. Co., Portland: (1) $3,185; (2) no bid.
Masons Supply Co., Portland: (1) no bid; (2) $1,227.

CONTRACT AWARDED

SAN FRANCISCO—A. D. Collman, 666 Mission St., at $2,770 awarded contract by Andrew Fourchy, Associate Civil Engineer, Room 219, Administration Bldg., Government Island, for converting life saving building at Fort Funston into radio operating building, grading and removing building, trees, shrubs, walls, etc., and for sound installation of the radio room.

Complete Bid Listing

POST OFFICE Cost, $84,000
SANTA MARIA, Santa Barbara Co., Cal. Lincoln and Cypress Streets.
Post office, 1- and part 1½-story California - Spanish style; basement and mezzanine (64x72-ft.) loading platform in rear; tile and composition roofing; cast stone stairs; terrazzo floors, vault, lavatory facilities, oil burning unit, heating system, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—L. F. Dow, 1243 25th St., Santa Monica.

Complete bids follow:
L. F. Dow, Santa Monica.....$58,313
Robt. E. McKee, Los Angeles.... 61,000
Schuler & McDonald, Inc., Oakland 62,647
F. C. Stolte, San Francisco..... 76,500

8— CLUB BUILDINGS

PLANNED

VETS. BLDG. Cost, $40,000
NORTH SACRAMENTO, Sacramento Co., Cal.
Veterans Memorial Hall.
Owner—Veterans Affiliated Council.
Architect—Not Selected.
If project is approved by Sacramento County Board of Supervisors, funds will be raised by direct taxation

9— HOSPITALS

Bids In—Held Under Advisement.

ALTERATIONS Cost, $3500
SAN FRANCISCO. California and Maple Streets.
Alterations and additions to offices on first floor of hospital.
Owner—Children's Hospital.
Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.
Announcement will be made within a few days.

Plans Being Completed.

HOSPITAL ADDN. Cost, $100,000
OAKLAND, Alameda Co., Cal. Webster and Hawthorne Streets.
Addition to hospital (reinforced concrete construction).
Owner—Merritt Hospital.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Bids will be asked in about ten days

Bids Wanted—To Close July 6, 10 A. M.

ADDITION Cost, $12,000
MONTEREY, Monterey Co., Calif.
One-story frame and stucco indigents barracks and helps' quarters at Monterey County Hospital (to accommodate 24 indigents and 6 employees).
Owner—County of Monterey.
Architect—Charles Butner, 51 Maple Street, Salinas.
Bids will be received by the County Board of Supervisors, C. F. Joy, Clerk Court House, Salinas.

PLANNED

RENO, Nev.—Veterans' Administration, Washington, D. C., contemplates erecting a 25-bed hospital at Reno, Nev., to cost approximately $100,000.

Plans Awaiting Approval

ADDITION Cost, $60,000
WEIMAR, Placer County, Calif.
Addition to tubercular sanatorium (frame and stucco construction).
Owner—Weimar Joint Sanatorium.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Plans have been forwarded to the Bureau of Indian Affairs, Washington, D. C., for approval.

Bids In—Under Advisement

ADDITION Cost, $80,000
SAN FRANCISCO. Geary Street and Fifth Avenue.
Two - story reinforced concrete Class A addn. to French Hospital (new surgery and maternity units).
Owner—French Hospital Association.
Architect—Fabre and Hildebrand, 110 Sutter St., San Francisco.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Planned.

HOSPITAL Cost, $20,000
YREKA, Siskiyou Co., Cal. West side of Pacific Highways.
Tuberculosis Hospital.
Owner—County of Siskiyou.
Architect—Not Given.
Application filed with the WPA.

Bids Wanted—To Close July 6, 10 A. M.

ADDITION Cost, $12,000
MONTEREY, Monterey Co., Calif.
One-story frame and stucco indigents barracks and helps' quarters at Monterey County Hospital (to accommodate 24 indigents and 6 employees).
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St. Salinas.
Plans and specifications obtainable from the Architect upon deposit of $25.00.
Bids will be received by the County Board of Supervisors, C. F. Joy, Clerk Court House, Salinas.

Bids Rejected—Plans Being Revised

ALTERATIONS Cost, $3,500
SAN FRANCISCO. California & Maple Streets.
Alterations and additions to X - Ray Department of Hospital.
Owner—Children's Hospital.
Architect—Martin A. Sheldon, Monadnock Building.

Bids Rejected—Plans Being Revised

ALTERATIONS Cost, $3,500
SAN FRANCISCO. California & Maple Streets.
Alterations and additions to offices on first floor of hospital.
Owner—Children's Hospital.
Architect—Martin A. Sheldon, Monadnock Building.

Sketches Being Prepared

HOSPITAL Cost, $——
MERCED, Merced Co., Calif.
Two-story Class C hospital addition.
Owner—Murphy Hospital, Merced.
Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.

Plans Being Prepared.

HOSPITAL ADDITION Cost, $——.
SACRAMENTO, Sacramento Co., Cal.
Two-story maternity hospital addition (48 beds).
Owner—Sutter Hospital.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

10— HOTELS

Sub-Contracts Awarded
ALTERATIONS Cost, $10,000
SAN FRANCISCO, NW Post Street and Stockton.
Alterations to hotel.
Owner—Allied Properties, Clift Hotel.
Architect—G. A. Lansburgh, 321 Bush.
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.
Painting—R. P. Paoli & Co., 2530 Lombard St., S. F.
Removing Cast Ornament — Emsco Concrete Cutting Co., 260 Clementina St.

11—ICE AND COLD STOR-PLANTS

Planned.
STORAGE PLANT Cost, $50,000
SEBASTOPOL, Sonoma Co., Calif.
Cold storage plant (capacity 60,000 boxes of apples).
Owner—Louis Matiasevich, Watsonville.
Architect—Not Given.
Further details will be announced at a later date. 11

12— POWER PLANTS

COMPLETE BIDS
ALCATRAZ, Calif.—Walter S. Leland, Walnut Creek submitted the low bid to Department of Justice, Washington, D. C., for alerations and additions to power plant at the U. S Penitentiary, Alcatraz Island. Spec. No. 843, Schedule 1164.
Complete bids follow:
(1) Removal of 3 old boilers and brick work;
(2) Installation of two new boilers;
(3) Brick setting for two new boilers and resetting one old boiler;
(4) Soot blowers for two new boilers;
(5) Draft regulators;
(6) Feed water regulators and pump governors;
(7) Piping;
(8) Meters;
(9) Boiler feed pump.
Walter S. Leland, Walnut Creek. (1) $850; start 7 days; complete in 30 days; (2) $11,975; 30 days; 250 days; (3) $10,835; 30 days; 100 days; (4) $1,-270; 30 days; 100 days; (5) $1,270; 30 days; 60 days; (6) $655; 30 days; 80 days; (7) $5,185; 30 days; 175 days; (8) $3,885; 30 days; 60 days; (9) $1,777 30 days; 75 days; (10) $37,000; 7 days; (6) $496; 10 days; 40 days; (8) $2,585; 10 days; 75 days.
Republic Flowmeters Co., Chicago: 270 days.
Bailey Meter Co., Cleveland, Ohio: (8) $3,701; 7 days; 60 days.
Hays Corp., Michigan City, Ind.: (5) $1,568; (8) $3,395; 10 days; 60 days; (Alt. 1) $2,892.25; 1%; 10 days; (Alt. 2) $3,147; (Alt. 3) $3,237.
Atlas Valve Co., Newark, N. J.: (6) $330 (furniture only) 2 days; 20 days.
Northern Equip Co., Erie, Pa.: (6) $512; 2 days; 24 days.
Swartout Co., Cleveland, O.: (6) $496 complete in 15 days.
C. C. Moore & Co., Inc., San Francisco: (4) $1,268; 60 days; 120 days; (6) $512; 60 days; 90 days.
Bayer Co., St. Louis: (4A) $1,149; (4B) $1,166.
Logan Soot Blower Co., Dubois, Pa. (4) $1,145 beg. 45 days complete in 8 days.

CONTRACT AWARDED
PEARL HARBOR, T. H.—Alta Elec. & Mechanical Co., 467 O'Farrell St., San Francisco, at $26,800 awarded the contract by Bureau of Yards & Docks, Navy Department, Washington, D. C. under Spec. No. 8235 for construction of electric switching station (Central Power Plant) at the Navy Yard, Pearl Habor.
Work includes the construction of a switch house, with concrete foundation and steel frame covered with corrugated iron sides and roof. Furnishing and installing solenoid operated oil switches, knife switches, buses, bus supports, disconnect switches; installing control switches on switchboard in power plant and control wiring from switchboard to switching station, two manholes, with ducts and cable from each oil switch to manhole.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contract Awarded
RESIDENCE Cost, $20,000
PALO ALTO, Santa Clara Co., Calif. Southwood Drive.
Two-story frame and stucco residence
Owner—H. E. Rueler, 573 Center St., Palo Alto.
Architect—Leslie Nichols, 532 Emerson St., Palo Alto.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto

CONTRACT AWARDED
SAN FRANCISCO — Western Asbestos Co., 675 Townsend St., at $3195 awarded contract by Department of Public Works for acoustical correction in band practice rooms Nos. 12 and 464 in the San Francisco War Memorial, Van Ness Ave. and McAllister Street.

BIDS WANTED
OAKLAND, Cal.—Until July 7, 10:30 A. M., bids will be received by the Alameda County Board of Supervisors, G. E. Wade, County Clerk, for additional exterior plastering on the new Alameda County Court House.
Plans and specifications obtainable from the above office upon deposit of $25.00. *

BIDS WANTED
SAN FRANCISCO. — Until July 8, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 4253 for Traffic Bureau for the Controller's office. Estimated cost, $940.
Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall upon deposit of $5.00. *

BIDS OPENED
SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at $404.00 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 4234, for installation of masonite flooring at Park Branch Library, Page and Cole Streets.
D. E. Crawley Flooring Co., at $451.-96 submitted the only other bid. *

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif., Byron Street.
One and one-half story frame and stucco duplex residence.
Owner—Q. D. Griffin, 505 Emerson St., Palo Alto.
Architect—Not given.
Contractor—C. A. Pellymounter, Mt. View.

To Be Done by Day's Work.
RESIDENCE Cost, $8,500
PALO ALTO, Santa Clara Co., Calif., Guinda Street.
Two-story frame, stucco and brick veneer residence.
Owner and Builder — D. Bohannon, Oakwood Place and Sonoma Place, Menlo Park.
Architect—Not given.

Contract Awarded
RESIDENCE Cost, $3,744
Santa Clara, Calif., W. Lafayette, N. Fremont.
One-story and basement frame and stucco residence (6 rooms).
Owner—W. P. Arntz, 5538 Fulton St., San Francisco.
Architect—Not given.
Contractor — Henry Andrada, Santa Clara.

Contract Awarded
RESIDENCE Cost, $8,500
BURLINGAME, San Mateo Co., Calif. Walnut Avenue.
Two-story frame and stucco residence.
Owner—E. E. Anderson, 1508 Sherman St., San Mateo.
Architect—Not given.
Contractor—Gordon Hess, 1446 Burlingame Ave., Burlingame

Contract Awarded
RESIDENCE Cost, $9,000
BAYWOOD, San Mateo Co., Calif.
Two - story and basement frame residence (9 rooms, 3 baths) English farmhouse type.
Owner—William Schneider.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Contractor—T. J. Broderick, 1528 Cypress Ave., Burlingame. *

Sub-Bids Being Taken.
RESIDENCES Cost, $5,000 each
MENLO PARK, San Mateo Co., Calif.
Two one - story and basement frame and stucco residence (5 rooms and 1 bath each) wood shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Paul Wolter, Jr., 72 Fernwood Drive, San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco.

Owner Taking Bids.
RESIDENCE Cost, $15,000
GRASS VALLEY, Nevada Co., Calif.
Two-story and basement frame and brick veneer residence (7 rooms, 3 baths) composition shingle roofing, gas heating system, steel sash, hardwood floors, tile baths; 3-car garage.
OwnerA. B. Snyder, Brockington Ct., Grass Valley.
Architect—Jens C. Petersen, 812 26th St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $3000
SANTA ROSA, Sonoma Counay; Two miles south of town.
Monterey type residence (4 rooms and bath) hardwood floors, circulaaing heat, fireplace, knotty pine walls in living room and kitchen, redwood shingle roof and redwood siding.
Owner—Mr. and Mrs. W. L. Rudy.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor — Walter Proctor, 12 W. 10th St., Santa Rosa.

Plans Completed.
ALTERATIONS Cost, $2000
PALO ALTO, Santa Clara Co., Calif. SW El Camino Real and Broadway.
Alterations to residence (medical offices, etc.)
Owner—Dr. H. Wade Macomber, Palo Alto.
Architect—James Mitchell, 369 Pine St., San Francisco.
Owner has the plans.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
BERKELEY, Alameda Co., Cal. 1412 Oxford Street.
Two-story frame and stucco residence (12 rooms).
Owner and Builder—K. R. See, 1633 Arch St., Berkeley.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. 1721 Clemens Road.
Two-story frame and stucco residence (7 rooms).
Owner—Rachel B. Sims.
Architect—Not Given.
Contractor—Wm. H. Sims, 1939 Courtland Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 5765 Colton Blvd.
Two-story frame and stucco residence (six rooms).
Owner—H. W. Johnson, 1262 Virginia St., Berkeley.
Architect—Not Given.
Contractor—John Ortzow, 3924 Clarke St., Oakland.

Contract Awarded
RESIDENCES Cost, $3,500
OAKLAND, Alameda Co., Calif. 104th Avenue.
Two one-story frame and stucco residences (five rooms each).
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Elmer Johnson, 450 Oakes Blvd., Oakland.

Contract Awarded.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Eighth Ave. N Fulton Street.
Two one-story and basement frame and stucco residences.
Owner—Reco Corporation, 1136 Clement St., San Francisco.
Architect—Not Given.
Contractor—E. A. Janssen, 1136 Clement St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Thirty - first Ave. 300 S Lawton St.
One-story and basement frame and stucco residence.
Owner—E. E. Vukicevich, 1442 Taraval St., San Francsico.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Contractor — M. E. Cukicevich, 1442 Taraval St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $5,500
MILLBRAE HIGHLANDS, San Mateo County, Calif.
1½-story frame and stucco residence (six rooms) tile roof, gas heating system, wood sash, hardw'd floors tile baths, etc.
Owner and Builder—John M. Johnson 1215 Castro St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $21,700
PALO ALTO, Santa Clara Co., Calif. 540 Salvatierra.
Alterations and additions to fraternity house.
Owner—Delta Upsilon Assn., Palo Alto
Architect—Leslie I. Nichols, 532 Emerson St., Palo Alto.
Contractor—E. J. Schmaling, 963 Melville Ave., Palo Alto.

Contract Awarded
ALTERATIONS Cost, $12,350
PALO ALTO, Santa Clara Co., Calif. 543 Lasuen Street.
Alterations and additions to residence hall (work involves concrete work, brick, tile, carpentry, plastering, electric, sheet metal, roofing, heating, plumbing, painting, sewer work, etc.)
Owner — Chi Omega Corp., Stanford University.
Architect—John K. Branner, 210 Post St., San Francisco.
Contractor — Harry H. Dabinett, 959 Guinda St., Palo Alto.

Contract Awarded.
RESIDENCE Sost, $18,000
SAN MATEO, San Mateo Co., Calif. No. 58 Chesterway.
Two-story and basement frame and stucco residence.
Owner—Felton Elkins.
Architect—Not Given.
Contractor—Lloyd C. Simpson, P. O Box 331, Burlingame

Contract Awarded.
RESIDENCE Cost, $15,892
OAKLAND, Alameda Co., Cal. Upper Piedmont Estates.
Two-story frame and stucco residence
Owner—E. F. Olofson
Architect—E. T. Spencer, Claus Spreckles Bldg., San Francisco.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. No. 787 Santa Barbara Road.
Two-story frame and stucco residence (7 rooms).
Owner—B. A. Dahlberg, 1763 Spruce St., Berkeley.
Architect—F. L. Confer, 3149 Claremont Ave., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost. $7000
OAKLAND, Alameda Co., Cal. No 2300-02 Ivy Drive.
Two-story frame and stucco duplex residence (5 rooms each).
Owner and Builder — F. S. Taylor, 1622 Harrison St., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $16,798
HILLSBOROUGH, San Mateo Co. Cal. Culebra and Chilton Roads.
Two - story frame residence and garage (veneer, brick and rustic).
Owner—Robt. F. Six et al, 1212 Southdown Road, Hillsborough.
Architect—Angus McSweeney, 604 Mission St., San Francisco.
Contractor—R. P. Minor, 1444 Burlingame Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Clark Drive.
Two-story and basement frame and stucco residence.
Owner—J. W. Sloss.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Contract Awarded.
RESIDENCES Cost, $4000 each
ALAMEDA, Alameda Co., Cal. No. 1527-1529-1533 Grand Avenue.
Three one-story and basement frame and stucco residences (5 rooms each).
Owner—Central Building & Loan Association, Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.

Contract Awarded.
RESIDENCE Cost, $7500
SAN JOSE, Santa Clara Co., Calif. No. 1325 Emory Street.
Two-story frame and stucco residence (7 rooms).
Owner — Rudolph Rotholz, 2130 The Alameda, San Jose.
Architect—Not Given.
Contractor—Sherrill Fleming, 1305 Yosemite Ave., San Jose.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. S Vicente St. E 26th Avenue.
Two one-story and basement frame and stucco residences.
Owner and Builder—D. Tiscornia, 1650 Alemany Blvd., San Francisco.
Architect—Not Given.

To Be Done By Day's Worwk.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Seventeenth Ave. S Moraga Street.
Five one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger, 320 Julah St., San Francisco.
Architect—Not Given.

Plans being completed.
RESIDENCE Cost, $—
SAN FRANCISCO. Monterey Heights
Two-story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas heating system, wood sash, tile baths, hardwood floors, etc.
Owner—J. C. Neubauer.
Architect—Harold Stoner, 41 Sutter St., San Francisco.
Bids will be asked the last week in July.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
SAN FRANCISCO. Tenth Ave. and Pacheco Street.
Two-story and basement residence (7 rooms and 2 baths) tile bathroom floors, gas heating system, wood and aluminum sash, outside walls and roof asbestos shingles, inside walls plaster with steel-tex plaster base.
Owner and Builder—A. R. Lyon, 600 Pacheco St., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco.
The residence will feature Johns-Manville principle of triple insulation.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. N Kirkham St. E Forty-first Avenue.
Two one-story and basement frame and stucco residences.
Owner and Builder—Kenneth Evers, 97 San Pablo Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Bids Opened.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co.
Two-story frame and stucco residence
Owner—Mr. Whatley.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Low Bidder — Arthur Payne, P. O. Box 274, Redwood City, $21,826.20.
Complete bids follow:
Arthur Payne, Redwood City, $21,-921.
A. F. Mattock, San Francisco, $21,-826.20.
C. H. Bessett, Burlingame, $22,150.
F. G. Applebe Oakland, $22,300.
Moore & Madsen, San Francisco, $22,342.
G. P. W. Jensen, San Francisco, $23,628.
George Arthur, San Mateo, $25,145.

Contract Awarded.
RESIDENCE Cost, $4300
YOLANDA, Marin Co., Calif.
One-story and basement frame and stucco residence.
Owner—Constant and Beartice Engleman, San Anselmo.
Architect—Not Given.
Contractor—Chas. A. Stevens, 874 27th Ave., San Francisco.

Contract Awarded.
RESIDENCE & STORE Cost, 6500
OAKLAND, Alameda Co., Cal. No. 1550-1554 Thirty-fourth Street.

Two-story frame and stucco (5 room) residence and store.
Owner—Antonio Barraca, 1552 34th St. Oakland.
Architect—Not Given.
Contractor—John Ortzow, 3924 Clarke St., Oakland.

Contract Awarded.
RESIDENCE Cost, $12,000
BURLINGAME, San Mateo Co., Calif. Alvarado and Hillside Aves.
Two-story and basement frame and stucco residence.
Owner—John L. Walsh.
Architect—Not Given.
Contractor — Richard P. Minor, 1444 Burlingame Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $20,000
SAN FRANCISCO, N. Camino Del Mar.
Two-story and basement frame residence.
Owner—Louis S. Goodman, % contractor.
Architect—Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.

Contract Awarded
RESIDENCE Cost, $20,000
SAN FRANCISCO, N. Camino Del Mar 206 W. 27th Ave.
Two-story and basement frame residence.
Owner—Harry E. Fisher, % contractor.
Architect—Hyman & Appleton, 68 Post St., S. F.
Contractor—Jacks & Irvine, 620 Market St.

Sub-Bids Being Taken
RESIDENCE Cost, $——
BERKELEY, Ala. Co., Calif., Grizzly Peak Blvd.
Two-story frame and stucco residence (6 rooms) shake roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner and Builder—Randolph Parks, 1847 Yosemite St., Berkeley.
Architect—Edwin Lewis Snyder, 2101 Addison St., Berkeley.

Bids In—Held Under Advisement.
RESIDENCE Cost, $7000
HOLLISTER, San Benito Co., Calif.
Two-story frame and stucco residence (6 rooms and 2 baths); tile roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Announcement will be made within a few days.

General Contract Awarded
ALTERATIONS $25,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Alterations and additions to two-story frame and stucco fraternity house (additional rooms, new dining room, kitchen, chapter hall, etc.)
Owner—Delta Tau Delta, Fraternity, 650 San Juan, Stanford University Campus, Palo Alto.
Architect—Newson & Newsom, Russ Bldg., San Francisco.
General Contract—Sherwood Bldg. Co. (Al Horstmeyer) 39 Sutter St., San Francisco.
Other awards will be made shortly.

Plans Being Completed—Contract Awarded
RESIDENCE Cost, $——
OAKLAND, Montclair Highlands.
1½-story frame residence, Colonial style (6 rms., 2 baths and lavatory), hardwood floors, gas heat; wood sash; shingle roof.
Owner—Not given.
Architect—Earl McDonald, 3812 Broadway, Oakland.
Contractor — Paul Wolter, Jr., 201 Yerba Buena Ave., San Francisco.

Plans Being Completed
RESIDENCE Cost, $12,000
SANTA CLARA, Santa Clara Co., Cal.
Two-story frame and stucco residence (8 rooms, 2 tile baths) hardwood floors, gas heating system, wood sash, plaster interior.
Owner—Mr. Wilson.
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.
Bids will be asked from a selected list of contractors in about 2 weeks.

Preparing Preliminary Sketches
RESIDENCE Cost, $20,000
CHICO, Butte County, Calif.
Two-story residence (11 rooms) tile baths, gas heat, hardwood floors, painted wood exterior.
Owner—Withheld.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, $11,000
HILLSBOROUGH, San Mateo Co.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) English type; shingle roof, wood sash, gas heating system, tile baths, hardwood floors, etc.
Owner—Donald E. Fritts.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Chas. Pedersen, 734 Prospect Ave., San Mateo.
Plumbing—Harry Lee, 220 California Drive, Burlingame.
Electric Wiring—Masser Electric Co., 260 Lorton Ave., Burlingame.
Heating and Sheet Metal — Gaffigan Sheet Metal Works, San Mateo
Tile Work—Benetti Tile Co., 916 No. Humboldt St., San Mateo.
Glass—Pacific Mfg. Co., 454 Montgomery St., San Francisco.
Lathing and Plastering—S. Eriksen, 30th Ave., San Mateo.
Lumber — Wisnom Lumber Co., 421 5th Ave., San Mateo.
Mill Work — Pacific Mfg. Co., 454 Montgomery St., San Francisco.
Painting—Killalea & Petterson, Tilton Apts., San Mateo.
Hardware — Wisnom Hardware Co., 201 2nd Ave., San Mateo.
Concrete—M. Comerotto, 717 S. Grant St., San Mateo.
Flooring—Inlaid Floor Co., 1213 Shafter St., San Mateo.

Sub-Bids Being Taken
RESIDENCE Cost, $10,500
SAN MATEO PARK, San Mateo Co., Calif. Lot 7, Bellevue Avenue.
Two-story French residence (9 rooms, 3 bedrooms, 2 baths) maid's room and bath, heavy butt shingle roof, 2-car separate garage, gas hot air circulating heat, plank, hardwood and parquet floors.
Owner—Suburban Builers, Inc., 1021 El Camino Real, Redwood City.
Architect—Oscar Thayer, 110 Sutter St., San Francisco.
Sub-bids are being taken on all portions of the work. Construction will start in about 10 days.

Low Bidder.
RESIDENCE Cost, $7400
HAYWARD, Alameda Co., Calif.
One-story frame and rustic residence (5 rooms) shingle roof, gas furnace, wood sash, hardwood floors tile bath, etc.
Owner—Harvey Darneal.
Architect— George P. Simonds, 80 Main St., Hayward.
Low Bidder—H. S. Shain, 54 Arlette Ave., Hayward.

Plans Being Prepared
RESIDENCE Cost, $6,000
WATSONVILLE, Santa Cruz Co., Cal.
Two - story frame and stucco farm house (6 rooms, 2 baths) gas wall heat; hardwood floors; tile baths: shingle or tile roof.
Owner—Dr. Sambuck.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Preparing Working Drawings.
RESIDENCE Cost, $9000
OAKLAND, Alameda Co., Cal. Moraga Road.
Two-story frame and brick residence (7 rooms and 2 baths) shingle roof, gas heating system, hardwood floors, tile baths, etc.
Owner—George Bruns.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Bids will be asked shortly.

Sub-Contracts Awarded.
RESIDENCE Cost, $7100
SAN MATEO, San Mateo Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths) shingle roof, gas heating system, wood sash, tile baths, hardwood floors
Owner—D. J. Desmond.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Chas. Pedersen, 734 Prospect Row, San Mateo.
Plumbing — H. R. Park, 1230 Broadway ,Burlingame.
Electric Wiring—Alexander Electric Co., 1222 Broadway, Burlingame.
Heating and Sheet Metal — Izmirian Sheet Metal Works, 229 S. Railroad Ave., San Mateo.
Tile Work—Benetti Tile Co., 916 N. Humboldt St., San Mateo.
Glass and Mill Work—Pacific Mfg. Co. 454 Montgomery St., San Francisco.
Iron Grille Work—Peuinsula Wrought Iron Works, 2195 S. El Camino, San Mateo.
Lathing and Plastering—S. Eriksen, 30th Ave., San Mateo.
Lumber — Wisnom Lumber Co., 421 Fifth Ave., San Mateo.
Painting—David J. Millar, San Mateo.
Concrete—M. Comerotto, 717 S. Grant St., San Mateo.

Contract Awarded
RESIDENCE Cost, $6,000
MODESTO, Stanislaus Co., Calif.
Two - story frame, stucco and brick residence (7 rooms and 2 baths) shingle roof, gas heating system, steel sash, hardwood flors, tile baths, etc.
Owner—W. P. Pearson.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—M. O. Ward, Rt. 1, Box 541, Modesto.

Grading Contract Awarded
RESIDENCE Cost, $18,000
SAN FRANCISCO. Twenty-fifth Ave.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) composition shingle and flat roofing, oil or gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—J. W. Dinkelspiel.
Architect—W. D. Peugh, 333 Montgomery Street.
Contractor—Fred K. DuPuy, 110 Sutter Street.
Grading—Devincenzi Bros., 150 Collins Street.

Owner Taking Sub-Bids.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. Pine Lake Park.
Four frame and stucco residences (5 room and bath each) tile and composition roof, gas hot air heating, hardwood floors.
Owner—A. J. Herzig, Sloat Blvd. and Gabilan Way, San Francisco.
Architect—D. E. Jackle, 126 Post St., San Francisco.
Owner is taking sub-bids on the work.

Contract Awarded
RESIDENCE Cost, $15,500
SAN MATEO PARK, San Mateo Co.
Frame and stucco residence with attached garage.
Owner—Willard C. Chamberlain, 840 Seabury Road, San Mateo.
Architect—Angus McSweeney, 604 Mission St., San Francisco.
Contractor — Suburban Builders, Inc., 1021 El Camino Drive, Redwood City.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 1808 Rosecrest Drive.
One-story residence (6 rooms).
Owner—N. Gaubert, 4735 Brookdale Ave., Oakland.
Architect—Not Given.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland.

Plans Being Completed.
REMODELING Cost, $2,700
CENTERVILLE, Alameda Co., Calif.
Remodeling residence (addition of 3 rooms and bath; floor furnace).
Owner—Joseph Silva.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be taken by the owner.

Plans Completed
RESIDENCE Cost, $5,500
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One - story and basement frame and stucco residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner and Builder—Frank Ferrea, 712 Fifth Ave., San Mateo.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Sub-bids are being taken.

Contract Awarded.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Berkeley Highlands Terrace.
Two-story and basement frame and stucco residence (19 rooms and 4 baths) tile roof, gas hot air heating system, steel sash, monel metal sinks, hardwood floors, etc.
Owner—John H. Jones.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

15— SCHOOLS

SUB-BIDS WANTED
COLUMBIA, Tuolumne Co., Calif.—B. A. Howkins, 1182 Market St., San Francisco, desires sub-bids on all portions of the work for construction of a one-story reinforced concrete grammar school for the Columbia Grammar School District, for which bids close June 26, 10 A. M. Wm. Mooser, Monadnock Bldg., San Francisco, architect; W. Adrian, 417 Market St., San Francisco, structural engineer.

Preparing Sketches.
CAFETERIA Cost, $15,000
ELK GROVE, Sacramento Co., Calif.
One-story cafeteria (concrete foundations, frame and stucco structure)
Owner—Elk Grove Grammar School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.

Contracts Awarded.
ALTERATIONS, ETC. Cost, $——
ELK GROVE, Sacramento Co., Calif.
Alterations and additions to science building and new equipment.
Owner—Elk Grove Union High School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Science Equipment—American Seating Co., 207 Van Ness Ave. South, San Francisco, $6186.

Construction Work—James Lillico, Elk Grove, $5989.
Complete bids published June 15.

Complete bids.
GYMNASIUM Cost, $——
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco gymnasium at high school.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—Oliver M. Rousseau, 321 Kearny St., San Francisco, $30,-850.
Complete bids follow:
Oliver M. Rousseau $30,850
H. E. Rahlmann 32,450
Anza Home Building Co. 32,970
All of San Francisco.
Application filed with the PWA for a grant to assist financing. If approved a bond election will be called.

Plans Being Figured—Bids Close July 3, 8 P. M.
RECON. SCHOOL Cost, $10,000
BURLINGAME, San Mateo Co., Calif. Paloma Avenue.
Partial reconstruction of McKinley Elementary School.
Owner—Burlingame Elementary School District.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $15.

Bids Wanted—To Close July 1, 7:30 P. M.
GYMNASIUM Cost, $60,000
BAKERSFIELD, Kern Co., Calif.
Reconstruction, strengthening and rehabilitation of girls' physical education building at high school.
Owner—Kern Co. Union High School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Plans and specifications may be obtained from the architect.

BIDS REJECTED
COALINGA, Fresno Co., Cal. W. Degen Co., P. O. Box 299, Fresno, at $22435 submitted only bid to Coalinga Elementary School District for furnishing and installing one complete warm air furnace of same capacity and quality as the National Warm Air Heater Co. No. 544, equipped with a Johnson Rotary Automatic Control Oil Burner No. 4½ or its equivalent. Firebox of furnace must be bricked with a high grade of fire brick, etc. Specifications may be obtained from above office.
Bid was rejected.

Contract Awarded
RECON. SCHOOL Cont. Price, $19,971
BURLINGAME, San Mateo Co., Calif.
Reconstruction of portion of Burlingame High School (work involves structural steel trusses, timber & concrete construction).
Owner—San Mateo High School Dist.
Structural Engineer—H. B. Hammill, 381 Bush St., San Francisco.
Contractor—A. Nelson, Inc., 242 Ocean Ave., San Francisco.
Only other bid was submitted by C. L. Wold Const. Co., San Francisco, at $24,112.

Additional Contracts Awarded
SCHOOL Cont. Price, $94,342
SAN MATEO, San Mateo Co., Calif.
One - story frame and stucco school and auditorium (5 classrooms and auditorium to seat 500).
Owner—St. Matthews Catholic School 900 S. El Camino Real, San Mateo.
Architect—H. A. Minton, 525 Market Street, San Francisco.
Contractor—James L. McLaughlin, 251 Kearny St., San Francisco.
Heating and Ventilating—Arthur Tyo, 201 S. Boulevard, San Mateo, $8,-439.
Plumbing—J. W. Forsythe, 521 South Humboldt St., San Mateo, $5,593.
As previously reported, toilet partitions awarded to Dwan & Co. 126 Post St., San Francisco; electric to Ed. J. Lynch, 2080 Sutter St., San Francisco; sand and gravel to H. E. Casey, San Mateo.

BIDS WANTED
SAN FRANCISCO.—Until July 1st, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 4242, for outfitting one room of the Denman School, Pierce Street, as a cooking laboratory.
Estimated cost is $2500.
Specifications obtainable from City Engineer Chas. H. Sawyer, Room 265, Citl Hall, on $5.00 deposit.

BIDS OPENED
SAN FRANCISCO—Cramer Bros., 1325 Clement St., at $2185 submitted low bid to Department of Public Works for painting interior and exterior of Garfield School, Filbert and Kearny Sts. Spec. No. 4170.
Complete bids follow:
Cramer Brost $2185
Reliable Painting Co. 2685
R. R. Poali 2940
Lee Dixon 3181
A. E. Gordon 3292
W. G. Thompson 3342
Bids held under advisement.

BIDS OPENED
SAN FRANCISCO—R. P. Paoli, 2530 Lombard St., at $1986 submitted low bid to Department of Public Works for painting all interior plaster, woodwork, sheet metal and paper hanging at the Daniel Webster School, 20th and Missouri Streets. Spec. No. 4170.
Complete bids follow:
R. P. Paoli $1986
Lee Dixon 2471
Cramer Bros. 2560
Reliable Paniting Co. 2740
John G. Exley 2900
W. G. Thompson 2988
A. E. Gordon 3075
Bids held under advisement.

BIDS OPENED
SAN FRANCISCO—Jacks & Irvine, 620 Market St., at $5987 submitted only bid to Department of Public Works, for removal of old floors and installation of 2 x 3 inch magnasite sleepers on two floors at the Jean Parker School, Broadway, between Powell and Mason Streets. Spec. No. 4172.
Bids held under advisement.

BIDS WANTED
SHANDON, San Luis Obispo Co., Cal.—Until June 27, 7:30 P. M., bids will be received by Shandon Union Grammar School District for construction of an addition to the present grammar school in Shandon. Work involves excavation for a basement suitable for a heating plant, etc.

Plans Being Prepared.
RECON. AUDITORIUM Cost, $60,000
SALINAS, Monterey Co., Calif.
Reconstruction and earthquake proofing of high school auditorium (enlarge seating capacity, improve acoustics, etc.)
Owner — Salinas Union High School District.
Architect—Chas. Butner, 51 Maple St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Bids Wanted—To Close June 29, 8 P. M.
ADDITION Cost, $12,000
TULARE, Tulare Co., Calif.
One-story concrete addition to Central Grammar School (add science and music room).
Owner—Tulare Elementary School District.
Architect—W. D. Coates, Rowell Bldg., Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

GYMNASIUM Contract price, $54,949
SAN LUIS OBISPO, Cal. High School Campus
One - story gymnasium (72x144 feet) steel frame structure, masonry walls, steel sash, maple floors, two sun decks, tile roof, electric wiring, metal skylights, stucco exterior, etc.
Owner—San Luis Obispo Board of Education.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—Theo. M. Maino, 1424 Mill St., San Luis Obispo.

BIDS OPENED
SAN FRANCISCO.—American Bldg. Maintenance Co., 467 O'Farrell Street, at $1,278 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 4200, for exterior painting of Lowell High School.
Complete bids follow:

American Building Maintenance Company	$1,278
W. G. Thompson	1,495
Lee Dixon Painting Co.	1,743
Reliable Painting Co.	1,925
R. P. Paoli & Co.	2,099
D. Zelinsky & Sons, Inc.	2,197
John J. Murray	2,200
Cramer Brothers	2,280
Deemer & Deemer	2,317

Preparing Working Drawings.
RECON. AUDITORIUM Cost, $60,000
SALINAS, Monterey Co., Calif.
Reconstruction and earthquake proofing of high school auditorium (enlarge the seating capacity, improve acoustics, etc.)
Owner—Salinas Union High School District.
Architect—Chas. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans Completed.
Industrial Arts Bldg. $135,000
BAKERSFIELD, Kern Co., Cal. (Emerson School).
Industrial arts building addition to connect with new domestic science unit under construction, estimated cost $120,000 (lavatory facilities addition, estimated at $15,000).
Owner—Kern County Board of Education.
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.

BIDS WANTED
SAN FRANCISCO. — Until July 8, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, for the installation of cabinet and plumbing work at Girls' High School, Scott Street, under Spec. No. 4252. Estimated cost, $6,400.
Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall upon deposit of $5.00.

BIDS OPENED
SAN FRANCISCO.—American Bldg. Maintenance Co., 467 O'Farrell Street, at $2,426 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 4198, for interior painting of Fairmount School, Randall and Chenery Streets.
Complete bids follow:

American Building Maintenance Company	$2,426
Frank Powers	2,443
Cramer Brothers	2,880
Lee Dixon Painting Co.	2,977
Reliable Painting Co.	2,987
W. G. Thompson	3,693
R. P. Paoli & Co.	3,840

Bids Wanted—To Close July 14, 4 P. M.
SCHOOL Cost, $——
OAKLAND, Alameda Co., Cal. Tenth and Union Streets.
Reconstruction, rehabilitation, earthquake proofing to Cole School (24-room brick tile building).
Owner—Oakland School District.
Architect—W. G. Corlett, Second Ave. and E. Tenth St. (Oakland School Administration Bldg.)
Plans and specifications obtainable from the office of the Department of Architecture and Engineering of the Board of Education upon deposit of $25.00.

Bids Wanted—To Close July 14, 8 P. M.
SCHOOL ADDITION Cost, $170,000
SACRAMENTO, Sacramento Co., Cal. Sacramento Junior College.
One-story reinf. concrete 14-classroom addition and auditorium to seat 1,500 at Sacramento Junior College (3rd unit).
Owner—Sacramento School District.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Plans and specifications obtainable from the architect's office upon deposit of $25.00.

BIDS OPENED
SAN FRANCISCO — Lee Dixon Painting Co., 18 Eureka St., at $6984 submitted low bid to the Department of Public Works, City Hall, for interior and exterior painting of the Galleo High School, under Spec. No. 4199.
Complete bids follow:

Lee Dixon Painting Co.	$ 6,984
Amer. Bldg. Maintenance Co.	7,354
Russell Hinton	7,575
R. P. Paoli & Co.	8,888
W. G. Thompson	9,943
D. Zelinsky & Sons, Inc.	10,387

CONTRACT AWARDED
SAN FRANCISCO.—A. W. Cordes, 666 Mission St., at $4690 awarded the contract by Department of Public Worws for removal and replacing of plaster in the Starr King School, 25th and Utah Sts.; Spec. No. 4713.

CONTRACT AWARDED
SAN FRANCISCO.—Jacks & Irvine 620 Market St., at $5987 awarded contract by Department of Public Works for removal of old floors and installation of magnesite sleepers on two floors at the Jean Parker School on Broadway between Powell and Mason Sts.; Spec. No. 4172.

CONTRACT AWARDED
SAN FRANCISCO. — Cramer Bros., 1325 Clement St., at $2185 awarded contract by Department of Public Works for painting interior and exterior of Garfield School, Filbert and Kearny Sts.; Spec. No. 4170.

CONTRACT AWARDED
SAN FRANCISCO.—R. P. Paoli, 2530 Lombard St., at $198.00 awarded contract by Department of Public Works for painting all interior plaster, woodwork, sheet metal and paper hanging at the Daniel Webster School, 20th and Missouri Sts.; Spec. No. 4170.

CONTRACT AWARDED
SAN FRANCISCO.—Reliable Painting Co., 3247 19th St., at $1894 awarded contract by Department of Public Works for painting exterior woodwork at the Longfellow School, Morse and Lowell Streets.

CONTRACT AWARDED
SAN FRANCISCO.—M. E. Vukicevich, 666 Mission St., at $3593 awarded contract by Department of Public Works for laying floors at Longfellow School, Morse and Lowell Sts.; Spec. No. 4159.

16—BANKS, STORES AND OFFICES

CONTRACT AWARDED
SAN FRANCISCO.—D. Zelinsky, 165 Grove St., at $1,265 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 117, for painting the San Francisco Water Department Bldg., 425 Mason St.

CONTRACT AWARDED
FRESNO, Fresno Co., Calif.—Carrier Engr. Corp. of California, 748 E Washington Blvd., Los Angeles, at approx. $150,000 has been awarded a contract by Los Angeles-Security 1st National Bank for complete air condition ing installation in Pacific-Southwest Bldg., Fresno. The work is being supervised by J. G. Littlejohn.

Sub-Contracts Awarded.
ADDITION Cost, $——
SAN FRANCISCO. Mission St. near Fifth Street.
Interior remodeling of office building.
Owner—San Francisco Remedial Loan Assn., 932 Mission Street.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.
Plumbing—Higgins & Kraus, 741 Tehama St., San Francisco.
Electric—G. H. Armstrong, 1388 Van Ness Ave., San Francisco.
Heating — Scott Co., 243 Minna St., San Francisco.

Contract Awarded.
STORE Cost, $8000
OAKLAND, Alameda Co., Cal. No. 9625-29 E-Fourteenth Street.
One-story store building concrete construction.
Owner—J. Lamat, 9637 C St., Oakland.
Architect—Not Given.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland.

Montract Awarded.
PENT HOUSE Contfl. Urice, $18,500
SAN FRANCISCO. No. 133 Geary St.
Class A concrete and steel pent house (3500 sq. ft. of floor space).
Owner — Courvoisier Galleries, 480 Post St., San Francisco.
Architect — Henry T. Howard, 580 Market St., San Francisco.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.

To Be Done By Day's Work
FIELD HOUSE Cost, $15,000
SAN FRANCISCO. E 9th Avenue W Pacheco.
One-story frame field house.
Owner — Recreation Commission, 370 City Hall.
Architect—W. G. Merchant, Russ Bldg. Labor is being furnished by WPA.

Sub-Bids Being Taken
MARKET Cost, $20,000
SAN FRANCISCO. Geary St. 90 feet W Henderson Street.
One-story Class C market building.
Owner and Builder—Cicerone Co., 1101 Potrero Ave., San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Sub-Contract Awarded
STORE Cost, $10,000
OAKLAND, Ala. Co., Calif., 372-376 Grand Avenue.
One-story reinforced concrete store building.
Owner and Builder—Edward Larmer, 90 Fairview Ave., Oakland.
Architect—Leonard Ford, 2022 Berkeley Way, Berkeley.
Plumbing—Madden Plumbing Co., 3121 San Pablo, Oakland.
Electric Wiring — F. W. Parkhurst, 9432 Pinehaven Road, Oakland.
Lumber — Loop Lumber Co., 2001 Broadway, Alameda.
Steel Sash—Gleason Steel Products, 1310 63rd St., Emeryville.
Hardware—Maxwell Hdwe. Co., 1320 Washington, Oakland.
Concrete — F. Salamid, 5350 Manila Ave., Oakland.
Reinforcing Steel—McGrath Steel, 354 Hobart, Oakland.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $40,000
OAKLAND, Alameda Co., Calif. 1530 Broadway.
Alterations for men's clothing store (three-story structure).
Owner—Hastings Clothing Store, Post and Kearny Sts., San Francisco. (C. H. Turner, Manager).
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—K. E. Parker, 135 South Park, San Francisco.

To Ask Bids Shortly.
DEPARTMENT STORE $100,000
SALEM, Oregon.
Three-story and mezzanine floor department store (62x166 feet).
Owner—Montgomery Ward Company Chicago, Illinois.
Plans by Engineering Dept. of Owner.

Contract Awarded
STORE Cost, $8,846
SAN MATEO, San Mateo Co., Calif. NW El Camino Real and 25th Ave.
One-story frame and stucco store bldg.
Owner—Reinhold Frommer, 730 Third Ave., San Mateo.
Architect — E. A. Neumarkel, 2 6 8 3 Greenwich St., San Francisco.
Contractor—G. George Van Aalst, 401 West Portal Ave., San Francisco

Plans Being Completed
ALTERATIONS Cost, $30,000
SACRAMENTO, Sacramento Co., Cal. NE Twelfth and K Streets.
Alterations and additions to store.
Owner—Remick & Bassett.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Bids will be asked in about 1 week.

BIDS OPENED
SAN FRANCISCO — A. W. Cordes, 666 Mission St., at $4690 submitted low bid to Department of Public Works for removal and replacing of plaster in the Starr King School, 25th and Utah Streets. Spec. No. 4713.
Complete bids follow:

A. W. Cordes	$4690
Vance Peterson	5079
M. J. King	5429
James F. Smith	7181

Bids held under advisement.

Contract Awarded.
STORE Cost, $7000
SAN FRANCISCO. SE Twenty-sixth Ave. and Lawton Street.
One-story frame and stucco store building (4 or 5 stores).
Owner — Martin Stelling, 155 Montgomery Street.
Architect—Earle B. Bertz, 681 Market Street.
Contractor—Peter Sartorio, 666 Mission Street.

Plans Being Prepared.
STORE Cost, $12,000
MONTEREY, Monterey Co., Cal. Tyler St. near Pearl St.
One-story reinforced concrete store building (2 stores).
Owner—E. B. Gross, Monterey.
Architect—C. J. Ryland, Monterey & Carmel.
Bids will be asked shortly.

Contract Awarded.
SHOP Cost, $5500
SAN FRANCISCO. S Stillman St. W Second Street.
One-story Class C shop.
Owner—Pacific Scientific Co., 37 Spear St., San Francisco.
Architect—Not Given.
Contractor—George Wagner, 181 So. Park, San Francisco.

Contract Awarded.
OFFICES Cost, $5000
SANGER, Fresno Co., Calif. Eighth and N Streets.
One-story hollow tile office building (32x47 feet); tile roof, cement floor covered with linoleum, air conditioning and heating system, etc.
Owner—Dr. E. C. Halley.
Architect—Not Given.
Contractor—C. P. Cain, 709 Mildreda Ave., Fresno.

CONTRACT AWARDED
STORE Cost, $85,000
OAKLAND, Alameda Co., Calif. Moss Ave. and Broadway.
One-story reinf. concrete store building (200x300 ft.)
Owner—Andrew Williams.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Victor Kaufenberg, 80 E. Fifth St., Pittsburg.

BIDS OPENED
SAN FRANCISCO.—D. Zelinsky, 165 Grove St., at $1,265 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 117, for painting the San Francisco Water Department Bldg., 425 Mason Street.
Complete bids follow:

D. Zelinsky	$1,265
A. E. Grodon Co.	1,274
John G. Exley & Sons	1,400
R. P. Paoli & Co.	1,490
American Bldg. Maintenance Co.	1,722
Lee Dixon Painting Co.	1,880
Russell Hinton Co.	1,945
J. H. Mohr, Inc.	1,961
A. Quandt & Sons	1,995
Raphael Co.	2,356

17— THEATRES

Preliminary Estimates Being Taken.
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. K Street bet. Fifth and Sixth Sts.
Alterations to Capital Theatre (work involves decorating, new wiring, plastering, hot air heating system, air conditioning system, etc.)
Owner—T. and D. Theatres, and Fox West Coast Theatres, 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 526 Market St., San Francisco.
Preliminary estimates are being taken by the owner.

Plans Being Prepared
THEATRE Cost, $60,000
BRENTWOOD, Contra Costa Co., Cal. First Street.
Stadium type theatre to seat 1,000; conc. construction, steel trusses; wood frame interior; air conditioning system; steam heating plant.
Owner—Petersen Theatre Circuit, 25 Taylor St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Plans Being Prepared
THEATRE Cost, $——
NEAR STOCKTON, San Joaquin Co.
Two-story theatre building (theatre and two stores on ground floor; 4 offices on second floor) reinforced concrete construction; Class C; gravel roof; wood sash; Summerbell trusses (50x130-ft.)
Owner—Not Given.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Bids will be asked in about 1 week.

18— WHARVES & DOCKS

BIDS WANTED
BALBOA, Canal Zone.—Until July 15, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 7820, for construction of a reinforced concrete wharf, bituminous macadam road and water and electrical services at the Naval Ammunition Depot, Balboa, C. Z. An addendum calling for alternative bid items will be issued later and a new date set for opening of bids. Estimated cost, $450,000.

BIDS OPENED
GOVERNMENT ISLAND, Oakland, Cal.—Duncanson - Harrelson Co., de-Young Bldg., San Francisco, at $500 submitted low bid to U. S. Engineer Office, Col. J. A. Dorst, District Engineer, San Francisco, for removing the existing wharf located in front of the Government reservation on Government Island, Oakland Harbor.
Following bids received:

Duncanson-Harrelson Co., S. F.	$500
Ben C. Gerwick, S. F.	690
M. B. McGowan, Inc., S. F.	1278
Healy-Tibbitts Const. Co., S. F.	1472
San Francisco Bridge Co, S. F.	1800
Pacific Bridge Co., S. F.	2800
Engineer's estimate	3741

CONTRACT AWARDED
SAN RAFAEL, Marin Co., Cal.—Delta Dredging Co., Pittsburg, at $4194.50 submitted low bid and awarded contract by the San Rafael City Council for development of the San Rafael yacht harbor. Work involves construction of 11 new berths for yachts, dredging northerly bank of canal, etc.
Complete bids follow:
Delta Dredging Co., Pittsburgh, $4,194.50.
Duncanson Harrelson Co., San Francisco, $4877.70.
M. B. McGowan, Inc., San Francisco, $4931.00.
Healy-Tibbitts Constr. Co., San Francisco, $5342.00.

19—MISC. CONSTRUCTION

BIDS REJECTED
BERKELEY, Alameda Co., Cal.—A. Soda & Son, Mountain Blvd. and Sacramento St., Oakland, at $600 submitted low bid to Signal Officer, Ninth Corps Area, Presidio of San Francisco, under Bid No. C.P. No. 1804 SC 36-4, for the installation of Antenna Masts at R.O.T.C., University of California, Berkeley.
Work consists of furnishing and installing identical two masts (wood flagpole type) where directed on the inner (west) face of the parapet wall of the East Track Bleachers, Edwards Field, University of California.
Only other bid was submitted by Chas. Manning, Oakland, at $647.
New bids may be asked at a later date.

BIDS OPENED
TUOLUMNE COUNTY, Cal.—Hetch Hetchy Power Division at $8,454.86, submitted low bid to Public Utilities Commission, San Francisco, for constructing Early Intake camp bldgs. Contract H.H.W.A. 159.

Complete bids follow:
Hetch Hetchy Power Div.....$8,545.86
L. Ubels, Ripon 8,580.00
S. C. Giles, Stockton..... 9,000.00
B. A. Howkins, S. F.....10,600.00
Bids held under advisement. *

BIDS OPENED

FORT MASON, Cal.—Frank J. Reilly, 6350 Fulton St., San Francisco, at $17,831 submitted low bid to Constructing Quartermaster, Fort Mason, for constructing ten-ton forced draft type incinerator building and can wash equipment at the Presidio, San Francisco.

Complete bids follow:
Frank J. Reilly.....$17,831
Emil Hogberg 17,850
Reed & Reed..... 19,215
Grant & Martinelli..... -19,975
A. D. Collman..... 24,298
C. L. Wold Constr. Co..... 28,471
Bids held under advisement.

PUBLIC AUCTION

SAN FRANCISCO. — The following building will be sold at public auction by Jos. J. Phillips, Director of Property, on July 1:

134, 184-184-A, Dorland Street, 9:30 A. M.
299 Day Street, 10 A. M.
200 Madrid St., 10:30 A. M.

Building at southeast corner of San Jose Ave. and Wilson St., Daly City, 11 A. M.

BIDS WANTED

SAN MATEO, San Mateo Co., Cal. —Until July 6, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, for well drilling at the East side Park.

Specifications obtainable from the above office.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

SAN FRANCISCO, Calif.—Following bids received by T. A. Brooks, Purchaser of Supplies, for furnishing approximately 700 Auditorium chairs for the Civic Auditorium under Bid No. 1584:

American Seating Co. $7.31
General Seating Co. 7.35
Fred. E. Turner 6.49
Heywood-Wakefield Co. 7.25
Rucker Fuller Co..... 6.60

CONTRACT AWARDED

SAN FRANCISCO — D. N. & E. Walter Co. 562 Mission St., at $1248.83 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1512, for furnishing Venetian blinds for the War Memorial Building.

BIDS OPENED

BERKELEY, Cal.—Calrock Asphalt Co., Foot of 47th Ave., Berkeley, at $5.19 per ton delivered on street, and at $4.37 per ton loaded on truck at bidder's plant, submitted the only bid received by the Berkeley City Council for furnishing approximately 200 tons of natural rock asphalt.

BIDS OPENED

LOS ANGELES, Calif. — Bids for furnishing structural steel radial gates and gate hoists, wall plates and anchor bolts for same under Spec. No 158 were opened by the Metropolitan Water District of Southern California, 306 W. 3rd St., Los Angeles.

The bidders were:

(A) Long Beach Iron Works, f.o.b. Long Beach; net.
(B) Joshua Hendy Iron Works, f.o.b. Sunnyvale; net.
(C) Pacific Iron & Steel Co., Ltd., f.o.b. 116th and Alameda, Los Angeles; net.
(D) Lakeside Bridge & Steel Co., f.o.b. Milwaukee for Sched. 1, 3 and 4; f.o.b. cars, Rice, Sched. 2 and 5; discount ½ of 1%, 10 days.
(E) L. A. Valve & Fittings Co., f.o.b. Los Angeles; net; deduct $20 each if accepted and paid for within 10 days.
(F) Madsen Iron Workers, f.o.b. Huntington Park; net; f.o.b. cars, Rice, for Sched. 5.
(G) Consolidated Steel Corp., f.o.b. cars, Rice, Sched. 2 and 5; deduct 11% if awarded entire contract.
(H) Bethlehem Steel Co., f.o.b. Los Angeles; net; no use tax declared by any bidder.

The items are:

SCHEDULE 1

For furnishing f.o.b. bidder's plant, radial gates as shown on Drawings B-3833, B-3835, B-3836, B-3837, B-3838, and B-3841.

Schedules 1 and 2 are alternative and award will not be made for more than one of these two schedules.

(1) One 20 ft. x 11 ft. 9-in. radial gate;
(2) One 14 ft. 6-in.x16 ft. radial gate;
(3) One 14-ft.-6-in.x13-ft.-6-in. radial gate;
(4) One 22-ft.x11-ft.-3-in. radial gate;
(5) One 10-ft.x20-ft.-4-in. radial gate;
(6) One 11-ft.x13-ft.-8-in. radial gate.

SCHEDULE 2

For furnishing radial gates as shown on Drawing B-3833, B-3835, B-3836, B-3837, B-3838, and B-3841; delivered f.o.b. cars or trucks at the points named herein.

Schedules 2 and 1 are alternative and award will not be made for more than one of these two schedules.

(7) One 20-ft.x11-ft.-9-in. radial gate; (f.o.b. cars at Rice, California) f.o.b. trucks at Iron Mt. wasteway*);
(8) One 14-ft.-6-in.x16-ft. radial gate; (f.o.b. cars at Rice, *California) f.o.b. trucks at Coxcomb wasteway*);
(9) One 14-ft.-6-in.x13-ft.-6-in. radial gate; for delivery f.o.b. cars at Rice, *California) (f.o.b. trucks at Coxcomb wasteway*);
(10) One 22-ft.x11-ft.-3-in. radial gate; for delivery (f.o.b. cars at Rice, *California) (f.o.b. trucks at Eagle Mt. sand trap*);
(11) One 10-ft.x20-ft.-4-in. radial gate: for delivery (f.o.b. cars at Rice, *California), (f.o.b. trucks at Eagle Mt. Reservoir*);
(12) One 11-ft.x13-ft.-8-in. radial gate; for delivery (f.o.b. cars at Rice, *California) (f.o.b. trucks at Eagle Mt. Reservoir*).

*For each of Items 7, 8, 9, 10, 11 and 12, the bidder has the option of bidding for delivery f.o.b. cars at the railhead for the job, or f.o.b. trucks at the job.

SCHEDULE 3

For furnishing wall plates & anchor bolts as shown on Drawing B-3845, f.o.b. bidder's plant.

(13) One group consisting of two wall plates, four pin-bearing anchor bolts (a equals 6-ft. 0-in. and d equals 2¼ in.) and six anchor bolts for hoists for Iron Mt. wasteway;
(14) One group consisting of four wall plates, eight pin-bearing anchor bolts (a equals 6 ft. 0 in. and d equals 2¼ in.) and twelve anchor bolts for hoists for Coxcomb wasteway;
(15) One group consisting of two wall plates, four pin-bearing anchor bolts (a equals 6 ft. 0 in. and d equals 2¼ in.) and six anchor bolts for hoists for Eagle Mt. Sand Trap;
(16) One group consisting of two wall plates, four pin-bearing anchor bolts (a equals 5 ft. 0 in. and d equals 2 in.) and six anchor bolts for hoists for Eagle Mountain Pumping Plant wasteway into Reservoir.

SCHEDULE 4

For furnishing hand-operated gate hoists, f.o.b. bidder's plant.

Schedules 4 and 5 are alternative and award will not be made for more than one of these two schedules.

(17) Six hand-operated, double-drum, radial gate hoists.

SCHEDULE 5

For furnishing hand-operated gate hoists delivered f.o.b. cars or trucks at the points named herein.

Schedules 5 and 4 are alternative and award will not be made for more than one of these two schedules.

(18a) One hoist for Iron Mt. Wasteway, delivered (f.o.b. cars at Rice,* California) (f.o.b. trucks at Iron Mt. wasteways*);
(18b) Two hoists for Coxcomb wasteway, delivered (f.o.b. cars at Rice,* Calif) (f.o.b. trucks at Coxcomb wasteways*);
(18c) One hoist for Eagle Mt. Sand Trap, delivered (f.o.b. cars at Rice,* Calif.) (f.o.b. trucks at Eagle Mt. Sand Trap*);
(18d) Two hoists for Eagle Mt. Reservoir, delivered (f.o.b. cars at Rice,* Calif.) (f.o.b. trucks at Eagle Mt. Reservoir*).

*For each of the sub-items under Item 18, the bidder has the option of bidding for delivery, f.o.b. cars at the railhead for the job, or f.o.b. trucks at the job.

SCHEDULE 1

(C)—(1) $785, (2) $834, (3) $796, (4) $821, (5) $833, (6) $688; total $4757. Shipping weights: (1) 10,900, (2) 11,420 (3) 10,058, (4) 11,252, (5) 10,425, (6) 7989.

(D)—(1) $800, (2) $917, (3) $700, (4) $823, (5) $900, (6) $666; total, $4806. Shipping weights: (1) 10,700, (2) 11,700, (3) 8750 (4) 11,200, (5) 11,780 (6) 8210.

(G)—(1) $937 (2) $991, (3) $898, (4) $951, (5) $975, (6) $756; total $5548. Shipping weights: (1) 10,600, (2) 11,500, (3) $9800, (4) 11,000 (5) 11,400, (6) 3100.

(H)—(1) $891 (2) $928, (3) $831, (4) $922, (5) $934, (6) $733; total $5239. Shipping weights: (1) 11,200, (2) 12,000 (3) 10,300 (4) 11,700, (5) 12,000, (6) 8500.

SCHEDULE 2

(D)—(7) $1332, (8) $1291, (9) $978, (10) $1383, (11) $1276, (12) $935; total $7195.

(G)—(7) $964, (8) $1021, (9) $923, (10) $979, (11) $1004, (12) $776.

Weights are the same as for Schedule 1.

SCHEDULE 3

(D)—(13) $120, (14) $327, (15) $130, (16) $149; total $726. Shipping weight: (13) 910, (14) 2460, (15) 1060, (16) 1130

(G)—(13) $102, (14) $204, (15) $104, (16) $103. Shipping weight: (13) 1125, (14) 2624, (15) 1175, (16) 1100.

SCHEDULE 4

(A)—(17) $394.90; total $2369.40. Shipping weight: 2500 lbs.

(B)—(17) $362.50; total $2175; shipping weight: 2500 lbs.

(D)—(17) $550; total $3300. Shipping weight 2370 lbs.

(E)—(17) $442.90; total $2657.40. shipping weight, 2265 lbs.

(F)—(17) $399; total $2394. shipping weight, 2370 lbs.; dunnage, etc., 120; net weight, 2250 lbs.

(G)—(17) $666.35; total, $3998.10. Shipping weight 2180 lbs.

SCHEDULE 5

(D)—(18a) $667, (18b) $668, (18c) $667, (18d) $668; total, $4006. Shipping weight, 2370 lbs.

(F) —(18a) $409.40, (18b) $409.40, (18c) $409.40, (18d) $409.40; total $2,-456.40. Shipping weight, 2370 lbs.

(G)—(18a) $672, (18b) $672, (18c) $672, (18d) $672. Shipping weight, 2180 lbs.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CALIFORNIA STATE

SAN MATEO, Santa Clara and Santa Cruz Cos., Cal.—Until June 30, 2 P. M., bids will be received by Division of Highways, John H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one ⅜-c.y. power shovel equipped with boom and ⅜-c.y. clamshell attachment and suitable trailer for moving.

Further information obtainable at above office.

SANTA CLARA and Santa Cruz Cos., Cal.—Until June 29, 2 P. M., bids will be received by the Division of Highways, John H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one pneumatic tired tractor grader, equipped with not less than 10-ft. blade and factory installed scarifier operated in front of blade and controlled from the driver's compartment, for approximately 320 hours.

Further information obtainable from above office.

SANTA CLARA, Santa Cruz and San Mateo Cos., Cal.—Until June 30, 2 P. M., bids will be received by the Division of Highways, John H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of two pneumatic tired dump trucks, chassis weight not less than 6000 lbs., body capacity not les than 4 c.y. water level for approx. $3200 hours.

Further information obtainable from above office.

WAR DEPARTMENT

FORT MASON, Cal.—Until June 29, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36 353, for furnishing 9266 ft. b.m. Douglas Fir lumber, air dried.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Bids will be received by U. S. Engineer Office, Lt. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, as follows:

JUNE 30, 3 P. M.:

BID NO. 36-285: 4 dredge spuds; fob Sacramento;

BID NO. 1105-36-283: 16,300 bd. ft. fir, 90,300 bd. ft. Douglas fir, 3,535 bd. ft. oak; fob Rio Vista.

Specifications obtainable at above office.

SACRAMENTO, Cal.—Until June 30 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-284, for furnishing 5,000 electric exploders, 10,000 blasting caps and 10,000 blasting fuses.

Delivery fob Sacramento.

Specifications obtainable from above office.

LOS ANGELES, Cal.—Until June 30 3 P. M., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., for furnishing 1,251,000 lbs. fabricated steel and other metal work incidental to the steel framework in the super-structures of 3 highway bridges; each item shop painted and delivered at the bridge site ready for erection.

The items are:

(1) 424,000 lbs. steel for Adams Blvd. bridge at crossing of Adams Blvd. over Ballona Creek, about 200 ft. north of the intersection of Adams Blvd. and Washington Blvd., L. A.

(2) 393,000 lbs. for Concord St. bridge at crossing of Concord St. over Verdugo Wash at intersection of Concord and Patterson Ave., Glendale;

(3) 434,000 lbs. for Washington Blvd. bridge at crossing of Washington Blvd. over Ballona Creek, about 300 ft. west of the intersection of Washington and Adams Bldvs., Culver City.

Bid bond 10% must accompany bid. Circ. Prop. No. 749.

LOS ANGELES, Cal.—Until June 30 3 P. M., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., for furnishing two fabricated steel veirendeel girders weighing about 97-640 lbs. each, and approximately 308-650 lbs. of fabricated steel and other metal work incidental to the steel frame work of the super-structures of the Kenilworth Ave. bridge; each item shop painted and delivered at bridge site ready for erection.

The items are:

(1) 308,650 lbs. all metal work except girder;

(2) 2 each fabricated girders (97,460 lbs. each).

Kenilworth Ave. bridge is located at the crossing of Kenilworth Ave. over Verdugo Wash at the intersection of Kenilworth Avenue and Arden Ave., Glendale.

Bid bond 10% must accompany bid Circ. Prop. No 755.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until July 3, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles, under Spec. No. 156, for furnishing overhead traveling cranes for the aqueduct pumping plants.

The bid opening, scheduled for June 19, was postponed and a new call for bids issued returnable July 3 as reported above.

The cranes to be furnished have been grouped as follows:

Item (1) Intake and Gene pumping plants, two cranes; rated capacity, 60 tons.

Item (2) Iron Mountain pumping plant, one crane; rated capacity, 40 tons.

Item (3) Eagle and Hayfield pumping plants, two cranes; rated capacity 70 tons.

Further information relative to the specifications, etc., may be obtained at Room 1007, 306 W. 3rd St., Los Angeles.

RECLAMATION SERVICE

MONTROSE, Colo.—Until July 8, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 808-D, for furnishing and delivering fob cars at the shipping pt. and/or Montrose, two 1½-c.y. dragline excavators and one 1-c.y. dragline excavator for the Uncompahgre Project, Colo. The apparatus and materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

RIVERTON PROJ., Wyo.—Until July 7, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 807-D, for furnishing and delivering fob cars at the shipping point and/or Riverton, Wyo., structural steel for spillway bridge at Bull Lake Dam, Riverton Project. The bridge will be erected by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.50 not returnable.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Dept., Washington, D. C., as follows:

FINISH LUMBER, 24,000 bd. ft. Mare Island; Sch. 8166; July 3.

OAK, white, 15,000 bd. ft.; Mare Island; Sch. 8165; July 3;

SHELLAC, orange, $50,000 lbs.; Norfolk, Va.; Sch. 900-9715; July 1;

LOCK CHAIN, nickel, steel die; Kearny and Sewell's Point, San Francisco and Mare Island; Sch. No. 8208; July 10.

DISH WASHING MACHINE, electric, with spares; Mare Island; Sch. 3209; July 7;

BATAVIA DAMAR GUM, 170,000 lbs.; Mare Island; Sch. 900-9737; July 1.

Information obtainable from above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

CANAL ZONE

PANAMA CANAL.—Until July 2, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Agent The Panama Canal, Washington, D. C. under Schedule No. 3157, for furnishing miscellaneous supplies and equipment, including:

Steel, steel pipe, lead pipe, boiler tubes, fencing material, outboard motor, platform scales, hand sprayers, hand lanterns, paint pots, water coolers, water buckets, screws, copper tacks, chain, connecting links, liquid door closers, hinges, hasps and staples, escutcheon pins, wire cloth, steel wire brushes, poultry netting, dauber brushes, hickory tool handles and gasoline hose.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

EAST BAY UTILITY DIST.

OAKLAND, Calif.—Until July 2, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 768, for furnishing 100 tons aluminum sulphate.

Specifications obtainable from the above office.

TULARE COUNTY

PORTERVILLE, Tulare Co., Cal.—Until June 29, 5 P. M., bids will be received by the Porterville City Council, F. M. Pfirimmer, City Manager, for furnishing a tractor.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

MARIN COUNTY, Calif.—Emil Renatti, Novato, at $3,600 submitted low bid and awarded contract by the Marin County Board of Supervisors, San Rafael, for the construction of a reinforced concrete bridge over Novato Creek on Sutro Ave., Novato.

The work involves:

(1) 180 c.y. Class A Portland cement concrete in place;
(2) 19,000 lbs. reinf. steel in place.

Complete bids follow:

Emil Renatti, Novato: (1) $15.25; (2) $0.045; total, $3,600.

Brown & Lambretti, Mill Valley. (1) $15.25; (2) $0.05; total, $3,731.

John C. O'Leary, San Francisco: (1) $22; (2) $0.047; total, $4,853.

Rodney Messner, County Surveyor.

NEW BIDS ASKED

SANTA CLARA COUNTY, Calif.—Until July 6, 11 a.m., new bids will be received by the Santa Clara County Board of Supervisors, Court House, San Jose, Frank W. Hogan, County Clerk, for salvaging an existing truss bridge at Alviso and re-erecting it in back of the Calaveras Reservoir on Arroyo Hondo Road. The bridge is 700 feet long with a 20-ft. roadway.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1 per set.

BIDS WANTED

EL DORADO CO., Cal.—Until July 15, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell State Highway Engineer, Public Works Building, Sacramento, for grading and surfacing with road-mix surface treatment applied and constructing a reinforced concrete bridge about .6 mile, located 1½ miles north of Meyers in El Dorado County.

The work involves:

(1) 3 acres clear and grub right of way;
(2) 500 M. gals. water;
(3) 2,000 c.y. rdwy. excav., unclass.;
(4) 900 c.y. ditch and channel excav.
(5) 7,600 sta. yds. overhaul;
(6) 22,000 c.y. imported borrow;
(7) 1,000 c.y. struc. excav.;
(8) 40 sta. finishing rdwy.;
(9) 4,000 c.y. creek run gravel;
(10) 63 tons liquid asphalt ROMC-2 or ROMC-3;
(11) 8,750 sq. yds. preparing, mixing and shaping roadbed;
(12) 71,000 lbs. bar reinf. steel;
(13) 263 c.y. Class A Portland cement concrete footing blocks;
(14) 300 c.y. Class A Portland cement concrete structures;
(15) 9.5 c.y. Class A Portland cement concrete railing;
(16) 1,350 lbs. cast steel lockers and bearings;
(17) 3,060 l.f. furnishing Douglas fir piles, inc. test piles;
(18) 101 each drive piles, including test piles;
(19) 1,100 c.y. rock slope protection;
(20) 38 l.f. 8-in. CMP;
(21) 40 l.f. 12-in. CMP;
(22) 90 l.f. 18-in. CMP;
(23) 174 l.f. 24-in. CMP;
(24) 4 each spillway assemblies;
(25) 10 each culvert markers;
(26) 10 each guide posts;
(27) 1 mile new property fence;
(28) 0.6 mile existing fences moved & reset;
(29) 4 each drive gates;
(30) 14 each monuments complete in place;
(31) 1 only existing bridge removed and disposed of.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineers in San Francisco, Los Angeles and Stockton.

BIDS OPENED

TUOLUMNE COUNTY, Cal.—B. A. Howkins, 1182 Market St., San Francisco, at $32,605.50 submitted low bid to U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for the construction of abridge across the the construction of a bridge across the approaches on Section A1, Route 4, the Tioga Road, Yosemite National Park.

The work involves:

(1) 1516 cu. yds. unclassified excavation;
(2) 375 cu. yds. unclassified excavation for structures;
(3) 570 cu. yds. masonry;
(4) 13 cu. yds. Class A concrete;
(5) 60 cu. yds. Class D concrete;
(6) 12,500 lbs. reinf. steel;
(7) 64,000 lbs. structural steel;
(8) 135 lin. ft. steel handrail;
(9) Extra work obliterating detour at bridge site.

Following bids received:

(A) B. A. Howkins, San Francisco, $32,605.50.
(B) E. T. Lesure, Oakland, $33,164.50
(C) Engineer's Estimate, $24,746.50.

Unit prices follow:

	(A)	(B)	(C)
(1)	$ 3.00	$ 3.50	$ 1.50
(2)	5.00	4.50	3.00
(3)	28.00	27.50	20.00
(4)	40.00	42.00	40.00
(5)	40.00	40.00	40.00
(6)	.075	.08	.08
(7)	.08	.085	.08
(8)	7.00	6.00	4.50
(9)	300.00	300.00	300.00

Bids held under advisement.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal. — Eaton & Smith, 715 Ocean Ave., San Francisco, at $453,169.82 awarded contract by the State Highway Commission, Sacramento, for constructing six undergrade crossing structures under the tracks of the Southern Pacific and the Western Pacific Railroads, and constructing one bridge and about 2.89 miles grading and paving with Portland cement concrete and plant-mixed surfacing on crusher run base in Alameda County, near Niles.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

LAKE COUNTY, Cal.—C. S. Good, Nice, at $608.22 submitted only bid and awarded contract by the Lake County Board of Supervisors, W. M. Patterson, County Clerk, Lakeport, for repairing the Rodman Bridge situated on the Lucerne cut-off road.

BIDS OPENED

KITTITAS COUNTY, Wash.—R. A. Geary, Yakima, at $23,607.11 submitted low bid and recommended for award of contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for improving the Quartz Creek bridge, a 54-ft. I-beam span; Little Naches river bridge, a 65-ft. I-beam span; all with timber decks and concrete abutements; Little Naches Road, located within the Columbia National Forest, Kittitas County. The length of the project is approximately 0.0443 miles bridges and 0.2987 miles grading.

L. Romano Engineering Corp., Seattle, at $27,658.20 submitted the only other bid.

BIDS OPENED

SOLANO COUNTY, Calif.—Bundesen & Lauritzen, P. O. Box 395, Pittsburg, at $8535 submitted low bid to Division of Highways, R. E. Pierce District Engineer, Stockton, for removing the existing fender for the east pier at Rio Vista Bridge, across the Sacramento River and constructing a new fender.

The work involves:

(1) 1 only existing fender to be removed;
(2) 124 l.f. existing pipe hand rail to be removed and reset;
(3) 1 lot existing protection pier lights to be removed and reset;
(4) 15 MFBM treated Douglas fir timber, select structural grade;
(5) 3,000 lbs. hardware;
(6) 5,500 l.f. furnishing treated Douglas fir piles;
(7) 71 each driving treated Douglas fir piles.

Total Bids follow:

(A) Bundesen & Lauritzen, Pittsburg, $8535.
(B) C. A. Lauritzen, Antioch, $8752.40

Unit bids follow:

	(A)	(B)
(1)	$520.00	$766.00
(2)	.75	.85
(3)	150.00	200.00
(4)	150.00	114.00
(5)	.09	.09
(6)	.80	.83
(7)	12.00	16.00

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—Lord & Bishop, Native Sons Bldg., Sacramento, at $136,962.60 submitted low bid to the State Highway Commission, Sacramento, for construction of an overhead crossing over the tracks of the Southern Pacific Railroad at Jibboom St. in Sacramento.

BIDS OPENED

FRESNO, Fresno Co., Calif.—Following bids received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3641 for furnishing one

75-ft. continuous beam span, including all structural steel, bolts for field connections, etc., for the Ross Crossing bridge.

California Steel Prod. Corp., San Francisco	$1,947.00
Golden Gate Iron Works, San Francisco	2,109.00
Judson Pacific Co., S. F.	2,109.00
Kyle & Co., Fresno	2,367.00
Bethlehem Steel Co., Alameda	2,700.00
Herrick Iron Works, Oakland	2,825.00
Schrader Iron Works, S. F.	3,040.00
Western Iron Works, S. F.	3,075.00

Bids held under advisement.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS OPENED

OAKLAND, Alameda Co., Cal.—San Francisco Bridge Co., 503 Market St., San Francisco, at $99,960 submitted low bid to U. S. Engineer Office, Col. J. A. Dorst, District Engineer, San Francisco, for dredging about 416,500 cubic yards of material in Brooklyn Basin and the Tidal Canal, Oakland Harbor, the bid price being contingent upon award of a contract for dredging an adjacent area at Government Island.

Following bids received:

San Francisco Bridge Co., (c.y.) $.24 (total) $99,960.

Hydraulic Dredging Co., Oakland, $.26; $108,290.

Standard Dredging Co., Los Angeles, $.2793; $116,328.45.

Engineer's estimate, $.188; $80,002.

Figures in each instance are contingent upon award of contract for dredging at Government Island.

San Francisco Bridge Co. submitted only bid received for separate bid received for separate award at $116,620 (28 cents per cubic yard).

BIDS OPENED

GOVERNMENT ISLAND, Oakland, Cal.—San Francisco Bridge Co., 503 Market St., San Francisco, at $131,844 submitted low bid to U. S. Engineer Office, Col. J. A. Dorst, District Engineer, San Francisco, for dredging about 549,350 cubic yards of material at and in front of Government Island, Oakland Harbor, the bid price being contingent upon award of contract for dredging an adjacent area in Brooklyn Basin.

Following bids received:

San Francisco Bridge Co., (c.y. $.24; (total) $131,844.

Standard Dredging Co., Los Angeles, $.2793; $153,433.46.

Hydraulic Dredging Co., Oakland, $.30; $164,805.

Engineer's estimate, $.204; $112,313.

Figures in each instance are contingent upon award of contract for dredging in Brooklyn Basin.

San Francisco Bridge Co. submitted only bid received for separate award at $159,311.50 (99 cents per cu. yd.)

BIDS OPENED

SONOMA COUNTY, Calif. — Franks Contracting Co., 260 California St., San Francisco, at $48,394 ($0.1716 per cubic yard) submitted low bid to U. S. Engineer Office, Col. J. A. Dorst, District Engineer, San Francisco, for dredging in Petaluma Creek, involving the removal of approximately 282-020 cubic yards of material. The work is located between the foot of Western Ave., Petaluma, and about 800 ft. downstream from Haystack Landing, a total length of 12,740 feet.

American Dredging Co., San Francisco, at $90,246 ($0.32 per cu. yd.) submitted the only other bid received. Engineer's estimate, $40,135 ($0.139 per cubic yard).

BIDS OPENED

ALCATRAZ ISLAND, Cal.—Healy-Tibbitts Const. Co., 64 Pine Street, San Francisco, at $2172 submitted low bid to Warden, U. S. Penitentiary, Alcatraz, under Bid No. 711 for furnishing and placing rip-rap along the southwest shore line of Alcatraz Island.

Daniel Contracting Co., San Francisco, at $2400 submitted only other bid received.

AWARD APPROVED

LOS ANGELES-Los Angeles Harbor Commission June 17 approved report of the harbor engineer that award of contract be made to Merritt-Chapman & Scott Corp., a $103,320, for hydraulic suction and bucket dredging at Los Angeles Harbor under Specification No. 953. The recommendation has been transmitted to the PWA for their approval.

BIDS WANTED

POINT ARGUELLO, Santa Barbara Co., Cal.—Until June 29, 2 P. M., bids will be received by Associate Civil Engineer Andre Fourchy, U. S. Coast Guard, 219 Admin'stration Bldg., Government Island, under Bid No. ER-012049-O.P.-12-38, for the construction of approximately 506 l.f. of cellular type steel sheet pile breakwater; together with filling and all accessories required, at the Point Arguello Coast Guard Station, near Arlight, Santa Barbara County.

Plans and specifications obtainable from the Commandant, U. S. Coast Guard, Washington, D. C. Two sets of the plans are on file at Mr. Fourchy's office at Government Island.

BIDS WANTED

SACRAMENTO, Cal.—Until July 9, 3 P. M., bids will be received by U. S. Engineer Officer, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-36-250, for setting back, raising and strengthening the existing levee and constructing new levee along the easterly side of the Sacramento River from a point about 0.3 miles north of Moulton Weir, up stream to a point where the Princeton-Butte City Road crosses the east levee of the Sacramento River, a distance of approximately 7.2 miles. The total volume of earth to be placed in embankment is approximately 390,000 cu. yds.

Bids will be taken as follows:

(1) 390,000 cu. yds. levee embankment, in place;
(2) 85 cu. yds. road gravel, in place;
(3) 16 tons "Oroville Cobbles," or equal, in place;
(4) 322 ft. corrugated iron pipe, 24-in. diam., No. 14 ga. with necessary 24-in. diam. band couplers, all in place;
(5) 148 ft. corrugated iron pipe, 30-in. diam., No. 14 ga., with necessary 30-in. diam. band couplers, all in place;
(6) 192 ft. corrugated iron pipe 36-diam., No. 12 ga., with necessary 36-in. diam. band couplers, all in place;
(7) 8 each corr. iron cut-off sheets 49½-in. x 50-in., No. 12 ga., to fit 24-in. diam. corrugated iron pipe, all in place;
(8) 4 each do, to fit 30-in. diam., do;
(9) 2 each corrugated iron cut-off sheets, 60½-in. x 60-in., No. 12 ga., to fit 36-in. diam. corrugated iron pipe, all in place;
(10) 3 each, Calco No. 101 slide headgate, 24-in. diam., 12-ft. gate frame, or equal, all in place;
(11) 1 each, Calco No. 101 slide headgate, 24-in. diam., 14-ft. gate frame, or equal, in place;
(12) 2 each, Calco No. 101 slide headgate, 30-in. diam. 12-ft. gate frame or equal, both in place;
(13) 1 Calco No. 101 slide headgate, 36-in. diam., 14-ft. gate frame, or equal, in place;
(14) 2 each pedestal gate lifts, double geared, ball bearing type, equal to Calco Model No. 291, both in place;
(15) 2 each gate stems and forks, equal to Calco Model No. 172, all in place;
(16) 4 each gate stem guides, adjustable type, equal to Calco, "Adjustable Stem Guides," all in place;
(17) 116 cu. yds. Class A concrete, in place;
(18) 8840 lbs. reinforcing steel, in place;
(19) 4400 lbs. structural steel, in place;
(20) 1020 ft. b.m. Oregon pine lumber in place as Flashboards in spill boxes and decking on walkway of structure at Station 149+40;
(21) 210 ft. b.m. Redwood lumber, structural grade, in place as gates in Structure at Station 149+40.

Existing Structures and Facilities to be removed and wasted

(22) Lump sum, Station 35+00: Existing 4½-ft. x 5-ft.x10-ft. reinforced concrete well, 5-ft. x 15 ft, reinforced concrete headwall wooden boxes and approximately 32 ft. of 30-in. steel riveted pipe;
(23) 1500 ft. asphalt road-side mix surfacing on County Highway, between Station 201+50 and Station 215+00;
(24) Lump sum, Station 149+40: Existing wooden wing and headwall, average height 32 ft. and an approximate length of 92 ft.

Plans and specifications obtainable from the above office.

AWARD RECOMMENDED

SAN PEDRO.—Lipscomb & Barclay, 4387 Florida Street, San Diego, at $3,062 submitted low bid and recommended for award of contract by the Public Works Officer, Headquarters, 11th Naval District, San Diego, under Spec. No. 8246, for replacement of landing float at the Athletic Field Landing Pier, San Pedro.

The work consists of the furnishing, delivery and connecting of a new timber float to the existing mooring at the Athletic Field Landing Pier, the removal and disposal of the existing float; and the making of minor repairs to moorings and repairs at the connection of the presnet brow to the pier. The timber float will be approximately 13 feet 6 inches wide and 56 feet long.

Complete bids follow: Lipscomb & Barclay, San Diego, $3,062.00; Club Boat Shop, Wilmington, $3,494.00; George Hess, Los Angeles, $4,388.00.

23— CANALS

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho —Morrison-Knudsen Co., Inc., P. O. Box 1518, Boise, at $16,421 awarded contract by the Bureau of Reclamation, Ontario, Oregon, R. J. Newell, Constr. Engr., under Spec. No. 790-D, for construction of structures, North Canal laterals, N. C. 43.2 system, Dead Ox Flat division, Owyhee project, Oregon-Idaho.

BIDS OPENED

OWYHEE PROJECT, Oregon-Idaho —J. A. Terteling & Sons, Boise, at $44,786 submitted low bid to the Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, under Spec. No. 685, for construction of earthwork and structures, Sage Creek main drain Sage Creek Drain No. 1.68, Sage Creek Drain No. 1.72, Drain No. 1-2-5, Drain No. 18-2-4, and Drain No. 1, east extension, Succor Creek division, Owyhee Project.

The work is located near Homedale,

Idaho, and the principal items of work involved are:
(1) 534,000 c.y. excav. for drains;
(2) 2,500 c.y. excav. for structures;
(3) 11,600 c.y. backfill about struc.;
(4) 102 c.y. concrete in structures;
(5) 540 s.y. dry rock paving;
(6) Placing 6,200 lbs. reinf. bars;
(7) Driving 2,000 l.f. timber piling;
(8) Erecting 88 FBM timber in struc.
(9) Laying 2,812 l.f. 15- to 48-inch corrugated metal pipe;
(10) Erecting 284 l.f. No. 48, No. 60, and No. 120 metal flume.

Work shall be commenced within 30 calendar days and completed within 240 calendar days from date of receipt of notice to proceed.

Complete total bids follow:

J. A. Terteling & Sons, Boise	$44,786
George B. Henley, Nyssa	44,305
Morrison-Knudson Co., Boise	52,699
Henry L. Horn, Nyssa	54,098
F. J. Kernan, North Portland	58,189
Brent Sturgill Co., Marsing Idaho	59,215
Martin Wunderlich Co., Jefferson City, Mo.	70,214

Bids held under advisement.

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho—Otis Williams & Co., Vale, Oregon, at $13,551 awarded contract by the Bureau of Reclamation, Ontario, R. H. Newell, Construction Engineer, under Spec. No. 791-D, for construction of structures, North Canal laterals, 45.4 to 49.4-0.4, Dead Ox Flat division, Owyhee Project, Oregon-Idaho.

BIDS WANTED

ALL - AMERICAN CANAL.—Until July 14, 10 A. M., bids will be received by U. S. Bureau of Reclamation, R. B. Williams, Construction Engineer, Federal Building, Yuma, for earthwork excavation, Sta. 1161 plus 75 to Sta. 1170 plus 25, All-American Canal; Spec. No. 810-D. The work is located about six miles west of Yuma.

The work involves removal of approximately 50,000 cubic yards of excavation from a rock cut.

Specifications and bid forms may be obtained from offices of the Bureau of Reclamation at Yuma and Denver.

LOW BIDDER

ALL - AMERICAN CANAL.—Peterson Const. Co., Minneapolis, Minn., at $54,862 submitted low bid to Bureau of Reclamation, R. B. Williams, Construction Engineer, Yuma under Spec. No. 686 for earthwork excavation, Sta. 3325 to Sta. 3538 plus 50 and constructing a detour at the turnout for the Central Main Canal, All-American Canal System.

The work is located from two to five miles east of Calexico and involves approximately 748,000 c.y. excavation for canal.

24— STREET LIGHTING SYSTEMS

CONTRACT AWARDED

BONNEVILLE, Oregon — Western Foundry Co., 2400 S. W. Hood St., Portalnd, at $7591.04 submitted low bid and awarded contract by the U. S. Engineer Office, Second District, 627 Pittock Block, Portland, Lieut. Col. C. F. Williams, District Engineer, under Bid No. 695-36-395, for furnishing lighting standards for the Bonneville Dam project.

Complete bids follow:

Western Foundry Co., Portland, $7,591.04.
Line Material Co., Portland, $11,027.41; Alt. 1, $9881.28; Alt. 2, $11,611.06; Alt. 3, $10,618.78.
NePage McKenny Co., Seattle, $8,465.
City Iron Works, Portland, $9842.
Taper Tube Pole Co., San Francisco, $10,047.50.
Westinghouse Elec. & Mfg. Co., Portland, $10,338.85; Alt. 1, $9146.83; Alt. 2, $10,719.33; Alt. 3, $9817.18.

PLANNED

STOCKTON, San Joaquin Co., Cal.—City Council has adopted resolution of intention to improve by installing ornamental electrolier lighting system in Monterey Ave. from Pacific Avenue to Kensington Way, consisting of 18 single light electrolier lighting standards with 250-candlepower lamps.

Hearing of protests is set for July 8 at 8 P. M. in the council chambers.

CONTRACT AWARDED

EUREKA, Humboldt County.—Redwood Tractor Co., at $1,620 with an allowance of $400 for the old machine, awarded contract by the Eureka City Council for furnishing a Cletrac tractor. 25

CONTRACT AWARDED

CASPER, Wyoming—Steacy - Schmidt Mfg. Co., York, Pa., at $14,823.40 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 678 for furnishing two 96-in. diam. ring follower gates for installation in the gate chamber of the outlet work at the Alcova Dam, Casper - Alcova Project, Wyoming.

CONTRACT AWARDED

CLE ELUM, Wash.—Valley Iron Works, Yakima, at $1,532.17 awarded contract by the Bureau of Reclamation, Denver, Spec. No. 792-D, for furnishing five 37x17 foot radial gates for installation in the spillway at the Cle Elum Dam, Yakima Project, Washington.

26— RAILROADS

BIDS OPENED

SAN FRANCISCO.—A .D. Schader, 144 Spear Street, at $1,485.97, submitted low bid to State Board of Harbor Commissioners for repairing tracks at Islais Creek Terminal. Complete bids follow:
(1) lump sum for work complete;
(2) 60 redwood ties, per tie.

A. D. Schader	(1)	$1,485.97
	(2)	1.35
Eaton & Smith	(1)	1,625.00
	(2)	1.25

Bids held under advisement.

28 — FIRE EQUIPMENT

BIDS OPENED

FRESNO, Fresno Co., Cal.—Eureka Fire Hose Co., San Francisco, at $3,300 submitted low bid to the Fresno City Commission for furnishing 2500 ft. of 2 9/16-in. double jacket, cotton, rubber-lined fire hose, with an option to buy an addiitonal 1000 ft. at the same price, and 2500 ft. of 1½-inch same with option to buy additional 1000 feet.

Identical bids at $3,375 were submitted by the Goodyear Service Co., Barrett - Hicks and Fisher - Glassford Hardware Co., all of Fresno, and the Home Rubber Co., Trenton, N. J.

Bids held under advisement.

29— STREETS AND HIGHWAYS

BIDS OPENED

YOLO COUNTY, Cal.—A. Teichert & Son, Inc., 1846 37th Ave., P. O. Box 1113, Sacramento, at $8971.50 submitted low bid to the Division of Highways, C. H. Whitmore, District Engineer, Marysville, for constructing Portland cement concrete widening strips on about 0.4 mile between M Street Subway and Sacramento River Bridge in Yolo County.

The work involves:
(1) 3,300 sq. yds. subgrade for pave.;
(2) 25 tons untreated crushed gravel or stone in place (foot paths);
(3) 5 tons sand in place (penetration oil treatment);
(4) 2.7 tons liquid asphalt, Type SC-2 (penetration oil treatment);
(5) 630 c.y. Class A portland cement concrete (pavement);
(6) 1,140 pavement dowels;
(7) 2,050 lbs. bar reinf. steel (pave.)

Specifications may be obtained from

Total bids follow:
(A) A. Teichert & Son, Inc., Sacramento, $8971.50.
(B) N. M. Ball Sons Co., Berkeley, $9520.00.
(C) L. C. Seidel, Oakland, $10,181.50.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ .20	$ .30	$ .30
(2)	3.50	3.00	4.00
(3)	5.00	4.00	4.00
(4)	25.00	20.00	30.00
(5)	12.35	12.50	13.50
(6)	.20	.30	.30
(7)	.06	.08	.07

CONTRACTS AWARDED

OAKLAND, Cal.—Contracts for street paving repairs for the period ending June 30, 1937 have been awarded by the East Bay Municipal Utility District, Oakland, under Spec. No. LS 176, as follows:

Ransome Co., Emeryville: Items 1, 2, and 3, $9,468.

Chas. Hughes: Item 4, $12,525.

Complete bids published June 12.

CONTRACTS AWARDED

MARIN COUNTY, Cal.—Palo Alto Road Materials Co., 465 California Avenue, Palo Alto, at $11.11 per ton, total $2,333.10 submitted low bid and awarded contract by the Marin County Board of Supervisors, Court House, San Rafael, for applying liquid asphalt treatment on about 2.8 miles of the Wilson Hill-Hicks Valley Road, and on about 6.5 miles of the Marshall-Petaluma Road from Wilson Hill-Hicks Valley Rd. to Maggetti's Ranch.

The work requires about 210 tons of liquid asphalt, Type SC-2.

Complete bids follow:

Palo Alto Road Materials Co., Palo Alto: (1) $11.11 per ton; total, $2,333.10.

F. E. Crews, Fairfax: (1) $11.60; total, $2,436.

E. A. Forde, San Anselmo: (1) $11.71; total, $2,459.10.

Rodney Messner, County Surveyor.

COMPLETE BID LISTING

SAN LUIS OBISPO AND MONTEREY COUNTIES, Calif.—Granite Construction Co., Ltd., Bin No. 9, Watsonville, at $11,440.90 submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for applying seal coat to existing pavement on about 34 miles in San Luis Obispo and Monterey Counties, between Atascadero and San Miguel, and between Salinas and Monterey-Santa Cruz county line.

The work involves:
(1) 150 tons asphaltic emulsion in place;
(2) 1,325 tons sand in place;
(3) 120 tons liquid asphalt, ROMC-5, in place;
(4) 1,390 tons screenings, in place.

Total bids follow:
(A) Granite Constr. Co., Ltd., Watsonville, $11,440.90;
(B) Lee J. Immel, Berkeley, $14,921.00
(C) A. S. Vinnell Co., Los Angeles, $15,470.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$23.00	$20.00	$24.50
(2)	1.10	3.70	3.50
(3)	19.00	22.00	22.00
(4)	3.06	3.15	3.25

BIDS WANTED

LOS ANGELES, Cal.—Until July 16, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with portland cement concrete about one mile on Rosemead Boulevard, between Longden Avenue and Fairview Ave. in Los Angeles Co.

The work involves:

(1) 55 sta. clear and grub right of way;
(2) 330 M. gals. water;
(3) 300 c.y. remove exist. concrete;
(4) 20,000 c.y. rdwy. excav., unclass.
(5) 900 c.y. struc. excav;
(6) 40 c.y. ditch and channel excav;
(7) 12,500 sq. yds. preparing subgrade
(8) 55 sta. finishing rdwy.;
(9) 1,500 tons mineral agg. (plant-mixed surf.);
(10) 80 tons liquid asphalt MC-4 or MC-5 (do);
(11) 10 tons liquid asph. MC-2 (prime coat);
(12) 23,000 sq. yds. preparing, mixing and shaping shoulders;
(13) 24 tons liquid asph. SC-2 (shoulders—prime coat);
(14) 280 tons do (shoulders);
(15) 2,410 c.y. Class A Portland cement concrete pavement;
(16) 1 temporary pavement crossing device, type B 20;
(17) 4 do, type C 20;
(18) 3,300 each pavement dowels;
(19) 22,000 lbs. bar reinf. steel (pave. and struc.);
(20) 230 c.y. Class A Portland cement concrete (struc.);
(21) 1,700 lbs. steel rail assemblies;
(22) 12,100 lbs. misc. iron and steel;
(23) 20 l.f. 12-in. plain concrete pipe;
(24) 18 l.f. 15-in. do;
(25) 1,100 c.y. Class A Portland cement concrete (curbs, gutters & sidewalks);
(26) 600 l.f. curb armor.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineers in Los Angeles and San Francisco.

BIDS WANTED

LOS ANGELES, Cal.—Until July 16, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with plant-mixed surfacing about two and two-tenths miles between Calavasas School and Brent Junction in Los Angeles County.

The work involves:

(1) 117 sta. clear and grubb right of way;
(2) 3,100 M. gals. water;
(3) 90 c.y. removing exist. concrete;
(4) 174,000 c.y. rdwy. excav., unclass.
(5) 1,800 c.y. struc. excav.;
(6) 1,500 c.y. ditch and channel excavation;
(7) 1,000,000 sta yds. overhaul;
(8) 7 tons gravel backfill;
(9) 117 sta. finishing rdwy.;
(10) 10,700 tons mineral agg. (plant-mixed surf.);
(11) 570 tons liquid asphalt MC-4 or MC-5 (plant mix surf.);
(12) 60 tons liquid asph. MC-2 (prime coat);
(13) 17,000 lbs. bar reinf. steel;
(14) 170 c.y. Class A Portland cement concrete (struc.);
(15) 1,100 lbs. misc. iron and steel;
(16) 420 l.f. 8-in. CMP;
(17) 480 l.f. 18-in. CMP;
(18) 200 l.f. 24-in. CMP;
(19) 230 l.f. 30-in. CMP;
(20) 130 l.f. 36-in. CMP;
(21) 80 l.f. 42-in. CMP;
(22) 24 l.f. 48-in. CMP;
(23) 170 l.f. 60-in. CMP;
(24) 170 l.f. removing and salvaging pipe culverts;
(25) 330 l.f. 75-in. multiplate CMP 55;
(26) 34 each spillway assemblies;
(27) 38 each culvert markers;
(28) 200 each guide posts;
(29) 4.18 miles new property fence;
(30) 12 each drive gates;
(31) 0.24 mile hog tight property fence
(32) 900 l.f. bank protection fence;
(33) 30 each monuments.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineers in Los Angeles and San Francisco.

BIDS OPENED

SIERRA COUNTY, Calif. — Harms Bros., 5220 21st Ave., Sacramento, at $28 per ton, total $336 submitted the only bid received by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for furnishing and applying asphaltic road material on Route 27, a portion of Section A, Sierraville-Hobart Forest Highway, Tahoe National Forest, Sierra County.

The work involves:

(1) 12 tons furnishing and applying asph. road material, Type SC-2.

NOTICE TO BIDDERS

SAN DIEGO COUNTY—A representative of the District Office will accompany prospective bidders over the proposed project in San Diego County, between Lake Hodges and Escondido, road XI-S.D-77-B, for which bids are to be received in Los Angeles on July 9.

Said representative will meet prospective bidders at Lake Hodges Bridge on Monday, June 29, and July 6, at 10 a.m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

BIDS WANTED

LOS ANGELES, Cal.—Until July 16, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with portland cement concrete, asphalt concrete and bituminous macadam armor coat on selected material base, about .3 miles on Washington Blvd. between Spence St. and Downey Road in Los Angeles Co.

The work involves:

(1) 17 sta. clear and grubb right of way;
(2) 180 M. gals. water;
(3) 41,250 c.y. rdwy. excav., unclass
(4) 15 c.y. struc. excav.;
(5) 700 sq. yds. subgrade for pave.;
(6) 17 sta. finishing rdwy.;
(7) 2,725 tons selected material;
(8) 685 tons broken stone (bituminous macadam armor coat);
(9) 46 tons liquid asphalt 90-95 (do);
(10) 10 tons liquid asph SC-1A (prime coat);
(11) 275 tons asphalt concrete;
(12) 615 c.y. Class A Portland cement concrete curbs, gutters, sidewalks, pavement and traffic separator);
(13) 5 c.y. Class A Portland cement concrete (struc.);
(14) 590 lbs. bar reinf. steel (pave. & struc.);
(15) 300 each pavement dowels;
(16) 2,100 lbs. misc. iron and steel;
(17) 5,333 lbs. steel rails;
(18) 8 l.f. 18-in. standard reinf. conc. pipe;
(19) 100 c.y. existing concrete to be removed and disposed of;
(20) 1 only lighting system.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineers in Los Angeles and San Francisco.

COMPLETE BID LISTING

KINGS COUNTY, Calif.—Stewart & Nuss, Inc., 410 Thorne Ave., Fresno, at $13,103.50, as previously reported, submitted low bid to the Division of Highways, R. M Gillis, District Engineer, Fresno, for about 5.8 miles of armor coat surfacing and applying road-mix surface treatment to shoulders in Kings County, between the westerly boundary and Kings River slough.

The work involves:

(1) 110 tons liquid asphalt, 90-95;
(2) 2,200 tons screenings;
(3) 83 tons liquid asphalt SC-2;
(4) 27,500 sq.yds. preparing, mixing, and shaping shoulders.

(A) Stewart & Nuss, Inc., Fresno, $13,103.50;
(B) Palo Alto Road Materials Co., Palo Alto, $13,244.95;
(C) John Jurkovich, Fresno, $14,555.00;
(D) A. S. Vinnell Co., Los Angeles, $15,131.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$18.70	$17.50	$16.00	$23.00
(2)	4.00	4.30	4.00	4.50
(3)	10.50	10.15	15.00	13.00
(4)	.05	.037	.10	.059

Bids held under advisement.

BIDS WANTED

LOS ANGELES, Cal.—Until July 16, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with imported selected material and applying Class B seal coat on about two miles of Twenty-fifth St. between Palos Verdes Coast Highway and Patton Ave., Los Angeles County.

The work involves:

(1) 108 sta. clear and grubb right of way;
(2) 1,600 M. gals. water;
(3) 84,000 c.y. rdwy. excav., unclass ;
(4) 900 c.y. struc. excav.;
(5) 900 cy. ditch excav.;
(6) 81,000 sta. yds. overhaul;
(7) 14,450 tons imported selected material;
(8) 108 sta. finishing rdwy.;
(9) 610 tons screenings (seal coat);
(10) 51 tons liquid asphalt 90-95 (seal coat);
(11) 21 c.y. Class A Port. cem. conc.;
(12) 625 lbs. bar reinf. steel;
(13) 290 l.f. 8-in. CMP;
(14) 32 l.f. 12-in. CMP;
(15) 350 l.f. 18-in. CMP;
(16) 820 l.f. 24-in. CMP;
(17) 150 l.f. 30-in. CMP;
(18) 68 l.f. 36-in. CMP;
(19) 138 l.f. 42-in. CMP;
(20) 120 l.f. existing CMP culverts removed cleaned and salvaged);
(21) 150 l.f. cleaning existing CMP culverts;
(22) 5 each spillway assemblies;
(23) 1,010 l.f. laminated guard railing;
(24) 40 each culvert markers;
(25) 80 each guide posts;
(26) 50 tons liquid asph. SC-2 (prime coat).

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineers in Los Angeles and San Francisco

PLANNED

EUREKA, Humbildt Co., Calif.—City Council has authorized City Engineer E. D. Gardner to prepare plans and specifications for the installation of traffic signals on the intersections of Fourth & E Sts., and Fourth & D Streets.

BIDS WANTED

SAN JOAQUIN COUNTY, Calif.—Until July 6, 11 A. M., bids will be received by the San Joaquin County Board of Supervisors, Eugene D. Graham, County Clerk, Court House, Stockton, for furnishing and applying road oil or penetration asphalt emulsion to any road designated by the Road Commissioners in District No. 1.

Plans and specifications obtainable from the office of County Surveyor Julius B. Manthey.

BIDS WANTED

BUTTE COUNTY, Cal.—Until July 15, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell State Highway Engineer, Public Works Building, Sacramento, for widening portions of the existing roadbed and constructing borders consisting of crusher run base on pit run gravel base and salvaged surfacing; grading a line change and constructing plant - mixed surfacing (medium curing type) on crusher run base and pit run gravel base, about 18 miles between Biggs Rd. and Chico in Butte County.

The work involves:
(1) 1,300 M. gals. water;
(2) 22,500 c.y. rdwy. excav., unclass.;
(3) 1,600 c.y. struc. excav;
(4) 5,200 c.y. imported borrow;
(5) 610,000 sta. yds. overhaul;
(6) 20 c.y. existing concrete struc. removed and disposed of;
(7) 140 c.y. existing concrete pavement removed and disposed of;
(8) 952 sta. finishing rdwy.;
(9) 2,500 c.y. salvaged surf.;
(10) 12,000 c.y. pit run gravel base;
(11) 11,800 tons crusher run base;
(12) 470 tons mineral agg. (plant-mixed surf.);
(13) 25 tons liquid asphalt ROMC-3 or ROMC-4 (do);
(14) 2 tons liquid asphalt MC-3 (seal coat);
(15) 100 tons liquid asphalt SC-1A or SC-2 (penetration oil treat.) ;
(16) 300 tons sand (do);
(17) 77 tons liquid asphalt 90-95 (Class B seal coat);
(18) 950 tons screenings (seal coat);
(19) 27,500 lbs. bar reinf. steel;
(20) 9,200 lbs. struc. steel;
(21) 290 c.y. Class A Portland cement concrete (struc.);
(22) 288 l.f. 12-in. CMP;
(23) 184 l.f. 18-in. CMP;
(24) 80 l.f. 24-in. CMP;
(25) 10 l.f. 36-in. CMP;
(26) 340 l.f. existing culverts (removed, cleaned and relayed);
(27) 112 l.f. existing culverts (removed, cleaned and salvaged);
(28) 55 each removing and resetting headwalls;
(29) 800 l.f. laminated guard railing;
(30) 1,808 l.f. existing guard railing (removed and salvaged);
(31) 48 l.f. exist. guard railing (moved and reset);
(32) 88 each culvert markers;
(33) 7 each monuments, complete in place.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineers in San Francisco, Los Angeles and Marysville. *

BIDS OPENED

SALT RIVER PROJ., Ariz.—Barrett & Hilp, 918 Harrison St., San Francisco, and Macco Corp., Clearwater, bidding jointly, at $9,960 submitted the low bid to Bureau of Reclamation, Producer Bldg., Phoenix, E. C. Koppner, Construction Engineer, under Spec. No. 801-D, for construction of a service road to the Bartlett Dam site, Salt River Project, located about 52 miles northeast of Phoenix.

The work involves:
(1) 13,200 c.y. excav. for road, common;
(2) 4,600 c.y. do, rock;
(3) 120 c.y. excav. for culverts, common;
(4) 30 c.y. do, rock;
(5) 110 c.y. backfill;
(6) 360 l.f. installing 24-in. dia. corrugated metal pipe.

Total bids follow:
(A) Barrett & Hilp and Macco Corp., Clearwater, $9,960.00.
(B) R. E. Canlon, Phoenix, $10,366.
(C) All Arizona Engr. & Const. Co., Clifton, $14,185.00.
(D) H. J. Hagin, Globe, $18,420.00 .

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$0.45	$0.36	$0.50	$1.00
(2)	.70	1.00	1.50	1.00
(3)	1.50	.50	1.00	1.00
(4)	5.00	1.50	2.00	1.00
(5)	1.00	.90	.50	1.00
(6)	1.00	2.25	1.25	1.00

NOTICE TO BIDDERS

SAN BERNARDINO COUNTY, Cal. —A representative of the District Office will accompany prospective bidders over the proposed project in San Bernardino County, between 2½ miles west of Java and ½ miles east of Java, road VIII-SBd-48-N, for which bids are to be received in Los Angeles on July 9.

Said representative will meet prospective bidders at Java Grade Separation on Thursday, July 2, at 9:00 A. M.

Prospective bidders are urged to co-operate with the District Office and arrange to make their field inspection on the above date.

BIDS OPENED

SACRAMENTO, Cal.—Heafey-Moore Co., 344 High St., Oakland, at $10,897.80 submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, for the improvement of 57th Street between H and J Streets.

The work involves:
(1) 1092 c.y. excavation (grading);
(2) 15 c.y. fill;
(3) 84 l.f. remove concrete curb and gutters;
(4) 300 s.f. remove 3½-in. concrete sidewalk;
(5) 15 l.f. construct conc. curb alone;
(6) 2063 l.f. construct concrete curb and gutter, No. 6;
(7) 3 manholes reconstruct to grade;
(8) 3 gutter drains, No. 10, in place;
(9) 3 gutter drains to be reset;
(10) 824 l.f. 4-in. VI sewer to be constructed;
(11) 70 l.f. 6-in. do;
(12) 300 s.f. 3½-in. conc. sidewalk;
(13) 1200 s.f. 5½-in. asphalt concrete pave. to be removed;
(14) 2150 l.f. 4-in. drain tile in rock-filled trench, complete;
(15) 270 c.y. cem. gravel base course, 3-in. thick, compressed;
(16) 526 tons asphalt concrete pave. 3-in. (leveling course);
(17) 350 tons do 2-in. (top course, seal coat and screenings).

A. Teichert & Son, Inc., Sacramento, at $11,310.95 submitted the only other bid.

BIDS WANTED

SACRAMENTO COUNTY, Cal. — Until July 6, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House Bldg., Sacramento, for 4500 tons of oil mix rock surfacing to be delivered f.o.b. County trucks on Grand along Steamboat Slough.

Specifications obtainable from the office of County Engineer John J. Rooney.

CONTRACT AWARDED

SACRAMENTO COUNTY, Calif.—J. R. Reeves, R. D. 3, Box 100, Sacramento, at $0.199 per sq. yd., total $4,687.45 submitted low bid and awarded contract by the Sacramento County Board of Supervisors, T. F. Patterson County Clerk, Court House, Sacramento, for constructing shoulders on the Lower Stockton Road.

Work consists of placing 23,555 sq. yds. of cementic road rock, furnished by the county. Contractor will be required to haul the rock approximately three miles, place in shoulders, and cover with 50-60 road oil.

Complete bids follow:

J. R. Reeves, Sacramento, $0.199 per sq. yd.; total, $4,687.45.

E. F. Hilliard, Sacramento: $0.23 per sq. yd.; total, $5,417.65.

A. Teichert & Son, Inc., Sacramento: $0.248 per sq. yd.; total, $5,841.64.

Lee J. Immel, Berkeley: $0.36; total $8,479.80. *

CONTRACT AWARDED

SACRAMENTO CO., Cal.—Heafey-Moore Co., 344 High St., Oakland, at $14,397.49 submitted low bid and was awarded contract by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House Sacramento, for construction of an asphaltic concrete surface on Marconi Avenue.

The work involves:
(1) 18,700 l.f. header boards;
(2) 3,052 tons asphaltic concrete.

Complete bids follow:

Heafey - Moore Co., Oakland: (1) $0.0975; (2) $4.12; total, $14,397.49.

A. Teichert & Son, Inc., Sacramento: (1) $0.11; (2) $4.23; total, $14,966.96. *

CONTRACT AWARDED

SACRAMENTO CO., Cal.—Heafey-Moore Co., 344 High St., Oakland, at $15,439.80 submitted the low bid and awarded contract by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House Sacramento, for construction of an asphaltic armor top surface on Greenback Lane.

The work involves:
(1) 2,500 tons crushed rock;
(2) 1,874 tons screenings;
(3) 309 tons liquid asphalt, 95 plus.

Complete bids follow:
(A) Heafey-Moore Co., Oakland, $15,439.80.
(B) Lee J. Immel, Berkeley, $16,763.10
(C) A. Teichert & Son, Inc., Sacramento, $17,179.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 2.30	$ 2.37	$ 2.40
(2)	2.45	2.70	2.75
(3)	16.50	18.70	19.50

BIDS WANTED

ALAMEDA CO., Calif.—Until July 15, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell State Highway Engineer, Public Works Building, Sacramento, for surfacing with plant-mixed surfacing about six miles between 1.9 miles north of Irvington and Alvarado, in Alameda County.

The work involves:
(1) 12,080 tons mineral aggregate;
(2) 570 tons liquid asphalt MC-5 or MC-extra heavy;
(3) 58 tons asphaltic emulsion (prime coat);
(4) 75 tons liquid asphalt MC-3 (seal coat);
(5) 825 tons screenings (seal coat).

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineers in San Francisco and Los Angeles. *

NOTICE TO BIDDERS

LOS ANGELES COUNTY—A representative of the District Office will accompany prospective bidders over the proposed project in Los Angeles County, between Palmdale and Lancaster, road VII-L.A-23-F, for which bids are to be received in Los Angeles on July 9.

Said representative will meet prospective bidders at Palmdale Inn, Palmdale, on Wednesday, July 1, 1936, at 10 a.m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Martin Bros. Thrucking Co., 1389 Gladys Ave., Long Beach, at $7055 awarded contract

by the State Highway Commission, Sacramento, for about 16.5 miles surfacing with pit run gravel surfacing in Riverside County, between Palos Verdes and Route 64, near Blythe.

AWARD RECOMMENDED

PALO ALTO, Santa Clara Co., Cal. —A. J. Raisch, Lincoln and San Salvador, San Jose, at $2,661.60 submitted low bid to the Palo Alto Board of Public Works, and recommended to PWA for award of contract, for constructing concrete gutters and an asphalt concrete pavement on shoulders on El Camino Real between Stanford and College Avenues.

Palo Alto Road Materials Co., Palo Alto, at $2,878.25 submitted the only other bid.

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until July 6, 5 P. M., (to be opened at 8 P. M.) bids will be received by the San Jose City Council, John J. Lynch, City Clerk, for paving on Delmas Avenue, between San Carlos and Auzerais Streets.

The work involves:

(1) 2550 lin. ft. reconstruction concrete curbs;
(2) 50 cu. yds. fill behind curb;
(3) 49,000 sq. ft. removal of pavement;
(4) 1000 sq. ft. remove gutter;
(5) 1100 tons crusher run base (stabilized);
(6) 39,610 sq. ft. remove asphalt surfacing;
(7) 1800 tons screenings, retread type surface and retread type leveling course;
(8) 110 tons emulsified asphalt for above;
(9) 5600 sq. yds. paint binder coat;
(10) 40 tons asphaltic concrete Type B leveling course;
(11) 500 tons asphaltic concrete, Type B surface course;
(12) 9 tons asphaltic concrete, Type C, driveway ramps (approximately 25 driveways);
(13) 58 tons redress type pavement for driveway ramps (approx. 130 driveways);
(14) 2 each, concrete inlets;
(15) 45 lin. ft. 8-in. vitrified pipe storm drains;
(16) (Alt. to Item 6) 10,000 sq. ft. remove asphalt surfacing by burning.

NOTE: The following five items do not appear on the proposal form and the cost would be included in the unit prices for constructing the pavement:

(a) 124 cu. yds. grading subgrade;
(b) 7 cu. yds. earth fill grade;
(c) 34 each, manholes to be set to new grade;
(d) 10 each, storm inlet gratings in gutter to be raised to grade;
(e) water for subgrade operations.

Plans and specifications obtainable from the office of City Engineer W. L. Popp, upon deposit of $3, of which $2 will be returnable.

NOTICE TO BIDDERS

STATE OF CALIFORNIA. — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on July 8 and in Los Angeles on July 9:

VI-Ker-142-F, bridge across North Fork of Kern River; bids to be opened July 8: PLANS (No. of Sheets) 12; (Cost) $1.20; CROSS-SECTIONS (No. of Sheets) 10; (Cost) $1.00; (Total) $2.20.

VII-L. A.-23-F, bet. Palmdale and Lancaster, bids to be opened July 9: No Plans or Cross-Sections.

VIII-SBd-58-N, bet. 2½ miles west of Java and ½ mile east of Java, bids to be opened July 9: PLANS (No. of Sheets) 10; (Cost) $1; CROSS-SECTIONS) (No. of Plans) 77; (Cost) $7.70; (Total) $8.70.

XI-S.D-77-B, bet. Lake Hodges and Escondido, bids to be opened July 9: PLANS (No. of Sheets) 16; (Cost) $1.60; CROSS-SECTIONS (No. Sheets) 80; (Cost) $8; (Total) $9.60.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS OPENED

YUBA and Nevada Counties, Cal — J. G. Chigris, 2316 31st Avenue, San Francisco, at $156,538.50 submitted the low bid to State Division of Highways C. H. Purcell, State Highway Engineer, Sacramento for about 3.7 miles grading and surfacing with crusher-run base and a seal coat applied, in Yuba and Nevada Counties, between Parks Bridge and ¼ mile east of the Nevada County Line.

The work involves:

(1) 23 acres clear & grub right-of-way;
(2) 4000 M. gals. water;
(3) 166,000 cu. yds. rdwy. excavation unclass.;
(4) 2600 cu. yds. struc. excav.;
(5) 1900 cu. yds. ditch and channel excav.;
(6) 582,000 sta. yds. overhaul;
(7) 197 sta. finishing roadway;
(8) 190 cu. yds. salvaged surface;
(9) 16,000 tons crusher run base;
(10) 70 tons liq. asphalt SC-2;
(11) 20 tons sand;
(12) 55 tons liq. asphalt 90-95;
(13) 640 tons screenings;
(14) 30,000 lbs. bar reinf. steel;
(15) 380 cu. yds. Class A Portland cement concrete (strucs.);
(16) 470 lin. ft. 8-in. CMP;
(17) 90 lin. ft. 12-in. CMP;
(18) 1650 lin. ft. 18-in. CMP;
(19) 150 lin. ft. 24-in. CMP;
(20) 450 lin. ft. 36-in. CMP;
(21) 2 each move & reset headwallst;
(22) 4 each spillway assemblies;
(23) 1000 lin. ft. laminated guard rail
(24) 80 each culvert markers;
(25) 30 each guide posts;
(26) 6.8 miles new property fence;
(27) 23 each drive gates;
(28) 1 each walk gate;
(29) 0.3 mile move and reset property fences;
(30) 1.3 mile remove and dispose of property fences;
(31) 72 each monuments.

Complete bids follow:

(A) J. G. Chigris, San Francisco, $156,539.50.
(B) Larsen Bros. and Harms Bros., Sacramento, $179,721.00.
(C) A. Teichert & Son. Inc., Sacramento, $202,978.00.
(D) Isbell Const. Co., Reno, $203,775.25.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$150.00	$200.00	$125.00	$250.00
(2)	1.50	1.50	1.25	1.50
(3)	.50	.62	.73	.75
(4)	1.50	2.00	1.50	1.50
(5)	1.00	1.00	1.00	.75
(6)	.01	.006	.01	.01
(7)	7.00	5.00	5.00	10.00
(8)	1.00	1.00	1.00	1.50
(9)	1.40	1.75	1.90	1.45
(10)	18.00	16.00	20.00	16.80
(11)	2.00	3.00	4.00	2.00
(12)	24.50	20.00	23.00	22.45
(13)	3.00	3.00	4.50	3.75
(14)	.07	.06	.06	.055
(15)	25.00	22.00	23.50	25.00
(16)	1.00	1.00	1.00	1.50
(17)	1.40	1.50	1.50	1.75
(18)	1.90	2.00	2.00	2.00
(19)	2.70	2.50	3.00	2.75
(20)	5.50	5.00	5.50	5.00
(21)	10.00	10.00	20.00	10.00
(22)	15.00	15.00	20.00	25.00
(23)	1.00	1.00	1.15	1.25
(24)	3.00	3.00	3.00	2.50
(25)	3.00	3.00	3.00	2.50
(26)	500.00	500.00	700.00	800.00
(27)	20.00	16.00	25.00	20.00
(28)	15.00	25.00	20.00	15.00
(29)	300.00	200.00	350.00	265.00
(30)	100.00	50.00	150.00	160.00
(31)	3.00	3.00	4.00	3.50

OAKLAND — PIER EXTENSION — (CITY)

OAKLAND, Calif. — Healy-Tibbitts Const. Co., 64 Pine St., San Francisco, at $89,623 submitted low bid to the City of Oakland Port Commission for construction of an extension to the Ninth Avenue Pier (506-42-ft.) timber apron wharf including fender system, trestle with asphaltic concrete pavement, piping, valves, shipside railroad tracks, asphaltic pavement on pier extension, etc.

Bids were taken as follows:

(I) Dredging slopes;
(II) Furnishing and driving test piles;
(III) Construction of timber apron wharf;
(IV) Installing water supply system;
(V) Shipside railroad track;
(VI) Asphalt concrete paving;
(a) Dredging from slopes, per c.y.;
(b) Test piles, each;
(c) Creosoted piles, per l.f.;
(d) Creosoted timber, per MFBM;
(e) Green timber, per MFBM;
(f) Eucalyptus fender piles, each;
(g) Asphaltic binder, per ton;
(h) Asphaltic concrete surfacing, per ton.

Total bids follow:

(A) Healy - Tibbitts Const. Co., San Francisco, $89,623.
(B) A. W. Kitchen Co., San Francisco, $90,733.
(C) Ben C. Gerwick, San Francisco, $91,117.
(D) Duancanson - Harrelson Co., San Francisco, $91,890.
(E) M. B. McGowan, Inc., San Francisco, $98,709.

Complete bids follow:

	(A)	(B)	(C)	(D)	(E)
(I)	$9,002.00	$11,108.00	$11,050.00	$11,000.00	$15,000.00
(II)	610.00	345.00	577.00	760.00	1,000.00
(III)	71,279.00	69,286.00	69,310.00	71,140.00	73,809.00
(IV)	440.00	304.00	500.00	460.00	400.00
(V)	4,980.00	5,530.00	6,080.00	4,990.00	5,000.00
(VI)	3,312.00	4,160.00	3,600.00	3,540.00	3,500.00
(a)	.35	.40	.35	.35	.35
(b)	60.00	43.00	50.00	80.00	85.00
(c)	.72	.90	1.00	.68	1.00
(d)	84.00	92.00	80.00	75.00	93.50
(e)	66.00	56.00	60.00	50.00	74.00
(f)	28.00	31.00	30.00	30.00	32.00
(g)	4.80	5.42	5.00	6.90	6.00
(h)	5.00	5.53	5.00	10.00	6.50

Plans by Engineering Department of the Oakland Port Commission.

Bids held under advisement.

BIDS OPENED

ALAMEDA COUNTY, Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at $124,748.50 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.4 miles grading and paving with asphalt concrete and Portland cement concrete in Alameda County, between Thirty-fourth Street and Seventh Street, Oakland.

The work involves:

(1) 32,000 c.y. rdwy. excav., unclass.;
(2) 22,000 mile yards haul;
(3) 750 c.y. salvaged base material;
(4) 28,000 tons imported do;
(5) 42 sta. finishing roadway;
(6) 1,500 tons crusher run base;
(7) 13 tons liquid asphalt SC-1A;
(8) 7 tons liquid asphalt, SC-2;
(9) 40 tons stone screenings;
(10) 54,000 sq. yds. asph. paint binder
(11) 18,300 tons asphalt concrete;
(12) 15,400 lbs. bar reinf. steel (pave and struc.);
(13) 2,500 each pavement dowels;
(14) 1,100 c.y. Class A Portland cement concrete (pave.);
(15) 3 c.y. Class A Portland cement concrete (struc.);
(16) 100 l.f. 12-in. CMP;
(17) 150 l.f. 18-in. CMP siphon;
(18) 340 l.f. 6-in. vit. clay pipe;
(19) 1,000 l.f. 10-in. vit. clay pipe;
(20) 250 c.y. Class A Portland cement concrete (curbs and sidewalks);
(21) 360 l.r. Redwood curbs;
(22) 26 each catchbasins;
(23) 1 only storm water inlet;
(24) 2 each manholes;
(25) 2 each lampholes;
(26) 15 each adjusting existing manholes and lampholes to grade.

Complete bids follow:

(A) Hanrahan Co., San Francisco, $124,748.50.
(B) Union Paving Co., San Francisco, $142,557.
(C) Peninsula Paving Co., San Francisco, $147,660.50.

Unit prices follow:

	(A)	(B)	(C)
(1)	$ .39	$ .40	$ .60
(2)	.17	.10	.10
(3)	1.15	.60	1.00
(4)	.92	.80	1.00
(5)	8.00	10.00	10.00
(6)	1.90	2.30	2.15
(7)	18.00	15.00	12.50
(8)	21.00	14.00	14.00
(9)	2.50	3.50	3.00
(10)	.04	.02	.03
(11)	3.00	4.15	3.74
(12)	.05	.05	.05
(13)	.17	.25	.20
(14)	10.00	10.50	12.00
(15)	22.00	25.00	23.00
(16)	1.60	2.25	1.50
(17)	2.50	3.00	3.00
(18)	.75	1.25	1.00
(19)	1.25	2.50	1.75
(20)	16.50	15.00	15.00
(21)	.30	.35	.40
(22)	150.00	120.00	120.00
(23)	115.00	90.00	60.00
(24)	80.00	80.00	70.00
(25)	15.00	20.00	30.00
(26)	10.00	15.00	10.00

LOW BIDDER

CHURCHILL CO., Nevada.—Dodge Construction, Inc., Fallon, at $149,160.05 submitted low bid to Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, for constructing a portion of state highway system in Churchill County between a point approximately six miles east of Fallon and Stillwater, a length of approximately 9.41 miles.

Bids held under advisement.

Complete bids will be given shortly.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal.—Matich Bros., Elsinore, at $22,891.60 awarded contract by the State Highway Commission at Sacramento, for about 0.6 miles grading and treating with liquid asphalt in San Bernardino County between a point near Third St. in Barstow and 0.6 mile easterly.

Complete bids published June 22.

BIDS OPENED

SAN FRANCISCO.—Lowrie Paving Co., Inc., 1540 16th St., at $68,942.85 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,946, for the widening and reconstruction of Sixth Street between Market and Townsend Streets, a PWA project.

The work involves:

(1) 6600 lin. ft. stone curb reset, all sizes;
(2) 2700 sq. ft. stone curb redressed;
(3) 600 lin. ft. armored concrete curb
(4) 48 each brick catchbasins reset or reconstructed;
(5) 48 each concrete curb inlets;
(6) 13 each brick catchbasins complete;
(7) 220 lin. ft. 10-in. VCP culvert;
(8) 2 each manhole frames and covers, installed;
(9) 3 each brick manholes, complete
(10) 800 lin. ft. 6-in. VCP side sewers, in place;
(11) 24 each street and traffic signs reset;
(12) 25 each low pressure hydrants moved;
(13) 12 each high pressure hydrants moved;
(14) 7500 lbs. new cast iron pipe and special lead;
(15) 900 lbs. lead;
(16) 70 cu. yds. excavation fo high pressure pipe;
(17) 2000 lbs. wrought iron bolts, nuts and washers;
(18) 6 each electric traffic signals relocated (vehicular);
(19) 3 each electric traffic signals relocated (pedestrian);
(20) 2 each electric traffic signal control units relocated;
(21) 1 each electric traffic signals relocated (combination vehicular and pedestrian);
(22) 4 each fire alarm boxes relocated
(23) 3 each combination fire alram and police telephone boxes relocated
(24) 4 each electroliers relocated;
(25) 42,000 sq. ft. removal of pavement, consisting of a base and a brick or asphaltic concrete wearing surface;
(26) 7000 sq. ft. basalt block pavement removed;
(27) 7200 sq. ft. brick wearing surface removed;
(28) 53,000 sq. ft. asphaltic concrete wearing surface removed;
(29) 3800 cu. yds. crushed rock fill;
(30) 54,000 sq. ft. 8-in. Class E concrete pavement parking lane;
(31) 3400 tons asphaltic concrete base course;
(32) 2480 tons asphaltic concrete wearing surface;
(33) 200 tons asphaltic concrete conform pavement;
(34) 23,500 sq. ft. Class F concrete paving base (4 sacks cement per cu. yd.);
(35) 275 each center line traffic markers in place;
(36) 11,000 lin. ft. 4-in. white lacquer traffic lines, in place;
(37) 2200 lin. ft. 6-in. white lacquer traffic lines, in place;
(38) 1625 new cross-walk markers furnished;
(39) 18 each new turning buttons furnished;
(40) 2450 each cross-walk markers installed;
(41) 26 each turning buttons installed
(42) 17,500 sq. ft. one course concrete sidewalk;
(43) 4400 sq. ft. asphalt - macadam sidewalk;
(44) 2100 lin. ft. 1½-in. conduit in place;
(45) 80 cu. yds. Class B concrete in place.

Total bids follow:

(A) Lowrie Paving Co., Inc., San Francisco, $68,942.85.
(B) Eaton & Smith, San Francisco $70,840.45.
(C) A. G. Raisch, San Francisco, $71-979.25.
(D) M. J. Lynch, San Francisco, $75,-090.00.
(E) Fay Imp. Co., San Francisco, $82,-261.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$0.40	$0.30	$0.50	$0.35	$0.32
(2)	.40	.75	.30	.45	.63
(3)	.70	.75	.70	1.00	.80
(4)	40.00	40.00	44.00	50.00	52.00
(5)	5.50	7.50	4.50	5.00	5.00
(6)	72.50	80.00	70.00	80.00	92.00
(7)	1.00	1.50	1.00	1.50	2.70
(8)	22.50	25.00	25.00	25.00	25.00
(9)	75.00	85.00	70.00	90.00	100.00
(10)	1.00	.80	1.00	1.00	3.00
(11)	2.50	10.00	2.00	3.00	2.75
(12)	45.00	60.00	53.00	50.00	48.00
(13)	50.00	75.00	43.00	50.00	42.50
(14)	.105	.09	.08	.10	.12
(15)	.054	.058	.10	.05	.06
(16)	1.25	2.50	3.00	2.00	1.50
(17)	.105	.115	.10	.11	.18
(18)	.50	60.00	50.00	75.00	55.00
(19)	25.00	35.00	25.00	50.00	27.50
(20)	60.00	75.00	60.00	125.00	66.00
(21)	50.00	60.00	50.00	150.00	55.00
(22)	35.00	45.00	35.00	50.00	38.50
(23)	40.00	50.00	40.00	60.00	44.00
(24)	60.00	75.00	60.00	125.00	66.00
(25)	.075	.07	.09	.10	.10
(26)	.04	.035	.05	.03	.05
(27)	.06	.03	.07	.04	.05
(28)	.02	.025	.03	.02	.04
(29)	1.15	.90	1.00	1.50	1.38
(30)	.24	.27	.28	.27	.318
(31)	4.00	3.80	3.70	4.00	3.96
(32)	4.00	4.25	4.10	4.00	4.76
(33)	4.50	4.25	4.45	4.00	4.31
(34)	.16	.15	.17	.20	.178
(35)	.60	.25	.85	.20	.85
(36)	.015	.015	.02	.015	.018
(37)	.025	.025	.04	.02	.025
(38)	.15	.18	.20	.18	.15
(39)	2.00	2.00	2.50	2.50	1.15
(40)	.08	.05	.05	.05	.018
(41)	3.00	.50	1.00	1.00	1.20
(42)	.13	.14	.13	.12	.13
(43)	.08	.10	.10	.10	.08
(44)	.85	.60	.85	.90	1.15
(45)	8.00	15.00	7.00	8.00	9.00

NOTE: The bid of Charles L. Harney was irregular and not declared.

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until July 6, 2 P. M. (date postponed from July 14, previously reported) bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, County Clerk, for asphaltic road-mix surfacing approximately 8.2 miles of road at various locations in Districts Nos. 4 and 5.

The work involves:

Route 414—24 tons tack coat; 1500 c.y. aggregate; 90 tons asphalt binder.

Route 420—16 tons prime coat; 1,-000 c.y. aggregate; 60 tons asphalt binder.

Route 567—11 tons tack coat; 700 cu. yds. aggregate; 42 tons asphalt binder.

Route 546—8 tons prime coat; 500 c.y. aggregate; 30 tons asphalt binder.

Route 535—4.5 tons prime coat; 250 c.y. aggregate; 15 tons apphalt binder.

Route 510—14 tons prime coat; 900 c.y. aggregate; 54 tons asphalt binder.

Specifications may be obtained from the office of County Surveyor Frank E. Kelly, Second and K Sts., Eureka.

BIDS WANTED

YOLO COUNTY, Cal.—Until July 6, 10:30 A. M., bids will be received by State Division of Highways, C. H. Whitmore, District Engineer, 703 B Street, Marysville, for planing existing bituminous surfacing on about 11.38 miles at various locations between Woodland and Knights Landing Yolo County.

The work involves:
(1) 850,000 square feet planing existing bituminous surfacing.
Plans may be seen and specifications and proposal forms may be obtained from the above.

CONTRACT AWARDED

NYE COUNTY, Nev.—J. A. Casson, 22105 Meekland Ave., Hayward, Cal., at $42,731 awarded contract by Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, for constructing an asphaltic road-mix surface on a portion of the state highway system in Nye County, Route 4, Section D2, between 7 miles northeast of Lockes and Callaways, a length of approximately 14.07 miles.

J. C. Compton, McMinnville, Ore., submitted second low bid at $44,394.50.

Complete bids will be given shortly.

CONTRACT AWARDED

CONTRA COSTA COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $293,291 awarded contract by the State Highway Commission, Sacramento, for about 5.2 miles grading and surfacing with plant-mixed surfacing on crusher run base in Contra Costa County, bet. two miles west of Lafayette and Walnut Creek.

CONTRACT AWARDED

SAN LUIS OBISPO AND MONTerey Counties, Cal.—Granite Constr. Co., Bin No. 9, Watsonville, at $11,440.90 awarded contract by the State Highway Commission, Sacramento, for applying seal coat to existing pavement on about 34 miles in San Luis Obispo and Monterey Counties, bet. Atascadero and San Miguel, and bet. Salinas and Monterey-Santa Cruz County line.

CONTRACT AWARDED

LASSEN COUNTY, Calif.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $58,442.50 awarded contract by the State Highway Commission, Sacramento, for about 13.3 miles grading and treating with liquid asphalt in Lassen County, between Susanville and Milford and between Lake Leavitt and Johnstonville.

CONTRACT AWARDED

KINGS COUNTY, Cal.—Stewart & Nuss, Inc., 410 Thorne Ave., Fresno, at $13,103.50 awarded contract by the State Highway Commission, Sacramento, for about 5.8 miles of armor coat surfacing and applying road-mix surface treatment to shoulders in Kings County, between the westerely boundary and Kings River Slough.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Morgan Bros., 5919 Maywood Ave., Huntington Park, at $3295.50 awarded contract by the State Highway Commission, Sacramento, for furnishing and applying liquid asphalt on about 9.2 miles in San Diego County, between 6.5 miles east of Rincon and 1 mile west of Henshaw Dam.

CONTRACT AWARDED

WHITE PINE COUNTY, Nevada—George French, Jr., P. O. Box 675, Stockton, Calif., at $12,754 awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for constructing an asphaltic road-mix surface on a portion of the state highway system in White Pine County, Route 38, Section A, between Preston and Lunod, a length of approximately 5.38 miles.

J. A. Casson, Hayward, Calif., submitted second low bid at $13,646.10.

Complete bids will be reported shortly.

CONTRACT AWARDED

NYE COUNTY, Nevada—U. B. Lee, 1059 Carpenter St., San Leandro, California, at $30,751 awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for constructing an asphaltic road-mix surface on a portion of the state highway system in Nye County, Route 4, Section A1, between Tonopah and West Forest boundary, a length of approximately 15.72 miles.

J. C. Compton, McMinnville, Ore., submitted second low bid at $32,063.

Complete bids will be reported shortly.

CONTRACT AWARDED

WASHOE COUNTY, Nevada—Isbell Constr. Co., Reno, at $13,738.90 awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for constructing an asphaltic road-mix surfacing on a portion of the state highway system in Washoe County, from Sparks to Junction, Route 33; Junction, Route 3 to United Airport; Peckham Lane and Plumas Street from South Reno City limits via Moana Lane to junction with Route 3, a length of approximately 7.98 miles.

Silver State Constr. Co., Fallon, submitted second low bid at $14,061.

Complete bids will be reported shortly.

BIDS OPENED

KINGS COUNTY, Cal.—L. F. Piazza 296 N Sixth St., San Jose, at $30,540.60 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento for constructing borders of crusher-run base, surfacing the roadbed with plant-mixed surfacing, and applying road-mix surface treatment to shoulders on about 7.1 miles in Kings Co. between Route 10 and Hub, and between Corcoran and one mile east.

The work involves:
(1) 2,400 tons crusher run base (borders);
(2) 8 tons liquid asph. SC-2 seal coat (borders);
(3) 33,000 sq. yds. asph. paint binder;
(4) 120 tons liquid asph. MC-5 (plant mixed surf.)
(5) 2,800 tons mineral aggregate (do);
(6) 152 tons liquid asph. SC-2 (shoulders);
(7) 25,000 sq. yds. repaving, mixing, and shaping shoulders.

Complete bids follow:
(A) Leo F. Piazza, San Jose, $30,540.60.
(B) Union Paving Co., San Francisco, $30,890.00.

Unit prices follow:

	(A)	(B)
(1)	$ 4.95	$ 4.00
(2)	10.70	15.00
(3)	.025	.02
(4)	23.00	20.00
(5)	4.31	4.85
(6)	11.00	15.00
(7)	.05	.09

BIDS OPENED

SUTTER COUNTY, Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at $85,588.50 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 3.7 miles grading and surfacing with crusher run base and road mix surfacing in Sutter County between Knights Landing and Robbins.

The work involves:
(1) 820 M. gals. water;
(2) 10,200 c.y. rdwy. excav., unclass.;
(3) 1,000 c.y. struc. excav.;
(4) 32,800 c.y. imported borrow;
(5) 35,300 sta yds. overhaul;
(6) 69 c.y. existing concrete to be removed and disposed of;
(7) 36,500 sq. yds. subgrade & shoulder blending;
(8) 49 sta. shoulder blending (Sta 156 plus 50 to Sta. 202 plus 00);
(9) 196 sta. finishing rdwy.;
(10) 9,500 tons crusher-run base;
(11) 3,940 tons mineral agg. (road-mix surf.);
(12) 195 tons liquid asphalt ROMC-3, -4 or -5 (road-mix surf.);
(13) 45 tons liquid asph. SC-2 (prime coat);
(14) 9 tons sand (prime coat);
(15) 22.7 tons liquid asph. 90-95 (armor coat);
(16) 645 tons broken stone (do);
(17) 1,050 sq. yds. asph. paint binder;
(18) 73 c.y. Class A Portland cement concrete (struc.);
(19) 5,700 lbs. bar reinf. steel;
(20) 46 l.f. 12-in. CMP;
(21) 224 l.f. 18-in. CMP;
(22) 176 l.f. 18-in. CMP (close riveted and soldered);
(23) 22 l.f. 30-in. CMP;
(24) 46 l.f. 36-in. CMP;
(25) 320 l.f. existing culvert pipe to be removed and salvaged;
(26) 8 each culvert markers;
(27) 0.2 mile new property fence;
(28) 0.65 mile exist. fence to be moved and reset;
(29) 3 each drive gates;
(30) 33 each monuments complete, in place.

Complete bids follow:
(A) Hanrahan Co., San Francisco, $85,588.50.
(B) Pacific States Const. Co., S. F., $92,221.30.
(C) A. Teichert & Son, Inc., Sacramento, $99,454.75.

Unit prices follow:

	(A)	(B)	(C)
(1)	$ 1.35	$ 1.05	$ 2.50
(2)	.25	.50	.44
(3)	1.00	1.15	1.20
(4)	.87	1.05	1.08
(5)	.01	.02	.01
(6)	3.00	2.85	3.00
(7)	.05	.06	.05
(8)	6.50	10.35	9.50
(9)	8.00	4.60	5.00
(10)	2.70	2.60	2.95
(11)	2.80	2.60	3.00
(12)	22.00	22.00	21.00
(13)	16.00	14.00	19.00
(14)	2.00	3.00	3.25
(15)	22.00	20.00	25.00
(16)	3.10	2.85	4.00
(17)	.04	.03	.06
(18)	23.00	21.00	26.00
(19)	.06	.06	.06
(20)	1.25	1.50	1.40
(21)	1.60	2.00	1.90
(22)	2.70	3.10	3.00
(23)	3.00	3.90	4.00
(24)	5 00	5.30	5.50
(25)	.60	.50	.75
(26)	2.00	3.45	3.00
(27)	440.00	575.00	600.00
(28)	300.00	345.00	400.00
(29)	25.00	20.00	23.00
(30)	3.00	3.00	3.50

CONTRACT AWARDED

SAN FRANCISCO. — Pacific States Const. Co., 708 Call Bldg., at $4,365 awarded contract by Department of Public Works for yard paving of the Farragut School on Holloway Ave. between Faxon and Capitol Avenues.

Complete bids reported June 18.

BID CALL CANCELLED

LOS ANGELES COUNTY, Calif.—C. H. Purcell, State Highway Engineer, has announced cancellation of a call for bids to have been opened in Los Angeles July 9, for about 2 miles grading, surfacing with imported selected material, and applying Class B seal coat on 25th St. bet. Palos Verdes Coast Highway and Patton Ave., Los Angeles County.

BIDS OPENED

HUMBOLDT and Trinity Cos., Cal.—Helwig Const. Co., 115 S. Main St., Sebastopol, at $23,780 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.7 mile grad-

ing and removing the existing timber bridges in Humboldt and Trinity Cos., between 3.15 miles and 5.25 miles east of Blue Lake and at Gray Creek.
(1) 3.5 acres clear and grub right-of-way;
(2) 27,800 cu. yds. rdwy. excavation unclass.;
(3) 4800 sta. yds. overhaul;
(4) 300 cu. yds. imported borrow;
(5) 470 cu. yds. struc. excav.;
(6) 36 sta. finishing roadway;
(7) 272 lin. ft. 24-in. CMP;
(8) 234 lin. ft. 30-in. CMP;
(9) 246 lin. ft. 36-in. CMP;
(10) 96 lin. ft. exist. CMP to be cleaned and relaid.

Complete bids follow:
(A) Helwig Const. Co., Sebastopol, $23,780.00.
(B) Mercer-Fraser Co., Eureka, $27,-102.20.

Unit prices follow:

	(A)	(B)
(1)	$450.00	$1000.00
(2)	.69	.77
(3)	.03	.02
(4)	.89	.77
(5)	1.50	2.00
(6)	10.00	10.00
(7)	1.00	.50
(8)	2.00	.60
(9)	2.50	.80
(10)	2.00	1.00

BIDS OPENED

MONO COUNTY, Cal.—Basich Bros. 20530 Normandie Ave., Torrance, at $26,309 submitted only bid received by State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.8 mile grading in Mono County between 1.3 and 2.2 miles north of the east entrance to Yosemite National Park.

The work involves:
(1) 8.6 acres clear and grub right of way;
(2) 10,530 c.y. rdwy. excav., unclass.;
(3) 435 c.y. struc. excav.;
(4) 2,500 c.y. imported borrow;
(5) 21,000 sta. yds. overhaul;
(6) 43 sta. finishing rdwy.;
(7) 270 l.f. 24-in. CMP;
(8) 32 l.f. 158.9x47.2-in. in multi-place C M arch;
(9) 83 c.y. rubble masonry;
(10) Removing and disposing of existing timber bridge;
(11) 24 each monuments complete, in place.

Unit prices follow:

(1)	$150.00	(2)	$ 1.50
(3)	4.00	(4)	1.25
(5)	.02	(6)	30.00
(7)	1.50	(8)	30.00
(9)	8.00	(10)	500.00
(11)	5.00		

CONTRACT AWARDED

SAN FRANCISCO—M. Bertolino, 32 Shotwell St., at $1740 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,927, for construction of sidewalks on Lincoln Way and other streets, involving construction of approximately 6000 sq. ft. of one-course concrete sidewalk.

PETALUMA, Sonoma County.—Following are the successful bids received by the Petaluma City Council ,Gladys V. Roberts, City Clerk, for furnishing materials for the improvement of Third Street by widening 3 feet on each side, from Main Street to D Street:

Diamond Match Co., Petaluma: 660 sacks high early strength Portland cement: $0.75 per bag; discount 2½ cents; refund 10 cents empty bags.

Cline Electrical Works, Petaluma: 1700 l. f. 1½" galvanized electric conduit, $0.1552 per ft; 1700 l. f. No. 8 B & S gauge Hazard 3500 volt electrical cable, $0.0940 per ft.

California Corrugated Culvert Co., Berkeley: 1 part circle corrugated metal culvert 66 ft. in length, $99.46.

Hein Bros. Basalt Rock Co., Petaluma: 150 tons coarse aggregate, $1.35 per ton, discount, $0.10 per ton.; 60 tons, $1.35 per ton, discount, $0.10 per ton.

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until July 14, 2 P. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for approximately 8.2 miles surfacing of county road in Districts Nos. 4 and 5.

Plans and specifications obtainable from the office of the county surveyor at 2nd and K Sts., Eureka.

COMPLETE BID LISTING

SAN BERNARDINO COUNTY, Cal. —Matich Bros., Elsinore, at $22,891.60 as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 0.6 mile grading and treating with liquid asphalt in San Bernardino Co. between a point near Third Street in Barstow and 0.6 miles easterly.

The work involves:
(1) 100 M. gals. water;
(2) 3,400 c.y. rdwy. excav., unclass.;
(3) 960 c.y. struc. excav.;
(4) 2,200 c.y. imported selected material;
(5) 500 sta yds. overhaul;
(6) 33 sta. finishing rdwy.;
(7) 179 tons liquid asphalt SC-2 (road mix surf. treatment);
(8) 21,700 s.y. preparing, mixing and shaping roadbed;
(9) 23 tons liquid asphalt 90-95 (seal coat);
(10) 270 tons screenings (seal coat);
(11) 16,400 lbs. bar reinf. steel;
(12) 108 c.y. Class A Portland cement concrete (struc.);
(13) 2 cast steel frames and covers for drop inlets;
(14) 4 cast steel frames and grates for catchbasins;
(15) 64 l.f. 18-in. CMP;
(16) 258 l.f. 24-in. CMP;
(18) 68 l.f. 30-in. CMP;
(18) 100 l.f. 36-in. CMP;
(19) 74 l.f. remove and relay pipe culverts;
(20) 665 c.y. Class A Portland cement concrete (curbs);
(21) 461 l.f. laminated guard railing;
(22) 5 each culvert markers.

NOTE: The State will furnish CMP as more explicitly set forth in the Special Provisions.

Total bids follow:
(A) Matich Bros., Elsinore, $22,891.60
(B) A. S. Vinnell, Los Angeles. $26,-358.25.
(C) Dimmitt & Taylor, Los Angeles. $26,459.20.

Unit bids follow:

	(A)	(B)	(C)
(1)	$2.00	$2.50	$3.00
(2)	.50	.60	.35
(3)	1.00	1.00	1.20
(4)	1.25	1.25	1.25
(5)	.02	.02	.03
(6)	7.00	15.00	12.00
(7)	10.00	12.50	13.00
(8)	.05	.10	.07
(9)	20.00	22.00	25.00
(10)	3.30	3.85	4.00
(11)	.045	.07	.07
(12)	27.00	25.00	30.00
(13)	50.00	50.00	50.00
(14)	70.00	75.00	75.00
(15)	.40	.55	.70
(16)	.50	.60	.80
(17)	.60	.75	1.00
(18)	.70	.85	1.20
(19)	.80	1.25	1.50
(20)	12.00	13.00	13.70
(21)	1.00	1.25	1.50
(22)	3.00	2.50	3.00

CONTRACT AWARDED

SAN FRANCISCO.—Lowrie Paving Co., Inc., 1540 16th St., at $34,514 was awarded contract by Public Utilities Commission, under S. F. W. D. Spec. No. 116 for repaving of street and/or sidewalk openings where the paving has been removed for the San Francisco Water Department in the fiscal year ending June 30, 1937.

BIDS WANTED

SAN FRANCISCO. — Department of Public Works, S. J. Hester, Chief Deputy Director, plans to improve (expediency) Girard St. between the northerly line of Ward St. and the northerly line of Mansell St., including the intersection of Girard and Ordway Sts. and the improvement of Mansell St. between the westerly line of San Bruno Ave. and the easterly line of Girard St. by grading to official line and grade and by construction of sewers and appurtenances.

Estimated cost, $10,260.

The work involves:
(1) Excavation;
(2) Embankment;
(3) 18-in. VCP sewer, in place;
(4) 15-in. VCP sewer, in place;
(5) 12-in. VCP sewer, in place;
(6) 8-in. VCP sewer, in place;
(7) 18x6-in. wye branches, in place;
(8) 12x6-in. wye branches, in place;
(9) 8x6-in. wye branches, in place;
(10) Brick manholes, complete;
(11) Brick catchbasins, complete;
(12) 12-in. VCP culvert, in place.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.00.

30—RESERVOIRS & DAMS

APPLICATIONS FILED

SACRAMENTO, Calif.—Applications filed during May with State Division of Water Resources, State Engineer Edward Hyatt, for permits to appropriate water:

Application 8651 (Los Angeles Co.) T. B. Winnett, E. A. and Blanche G. Eberle, 2337 2nd Ave., Los Angeles, for 450 ac. ft. per annum from Mescal Creek tributary to Mohave Desert to be diverted for irrigation and domestic purposes on 120 acres. Est. cost, $15,000.

App. 8663 (Trinity Co.) Nugget Bar Placers, Inc., Oakland, for 62½ c.f.s. from Swift Creek tributary to Trinity River, to be diverted for mining purposes. Est. cost, $25,000.

App. 8666 (Sacramento County) Cosumnes Gold Dredging Co., 57 Post St. Sna Francisco, for 3 cfs from Cosumnes river tributary to Mokelumne river, to be diverted for mining purposes. Est. cost, $6,000.

App. 8667 (Trinity Co.) C. G. Rollenhagen and L. A. Radke, Hayfork, for 25 cfs from Hayfork River tributary to Trinity River to be diverted for mining purposes. Est. cost, $8335.

App. 8669 (Alameda Co.) Mills College, Mills College Station, for 0.6 c.f.s. from two unnamed springs tributary to San Francisco Bay, to be diverted for irrigation and domestic purposes on 132 acres. Est. cost, $12,-000.

App. 8678 (Imperial Co.) Coachella Valley County Water Dist., Coachella, for 2000 cfs from Colorado River to be diverted for power purposes; 1588-t.h.p. to be developed. Est. cost, $6,-100,000.

App. 8681 (Del Norte Co.) T. N. McDaniel, Crescent City, for 25 c.f.s. from Camp Gulch, tributary to Craigs Creek to be diverted for mining and domestic purposes. Est. cost, $7500.

App. 8682 (Del Norte Co.) T. N. McDaniel, Crescent City, for 25 c.f.s. from Lower Coon Creek tributary to south fork Smith River to be diverted for mining and domestic purposes. Est. cost, $15,000.

App. 8684 (Inyo Co.) F. C. Alsdorf, Los Angeles, for 4.46 c.f.s. from Hall, Jail, Tuber and Wild Rose canyons, tributary to Panamint Valley, to be diverted for mining purposes. Estimated cost, $200,000.

App. 8685 (Amador County) Sierra Mountain Water Co., Stockton, for

300,000 ac. ft. per annum from Cosumnes river, tributary to Mokelumne River, to be diverted for power purposes, 13,840-t.h.p. to be developed. Estimated cost, $7,200,000.

BIDS OPENED

KENNETT, Cal.—L. E. Dixon, Bent Bros., Inc., and Case Const. Co., 609 S Grand Ave., Los Angeles, at $87,-217.50 submitted low bid to the Bureau of Reclamation, 206 Old Postoffice Building, Sacramento, Walker Young, Construction Engineer, under Spec. No. 800-D, for core-drilling and excavation for investigation of Kennett dam site, Central Valley Project. Ehe work is located about 12 miles north of Redding.

Bids were taken as follows:

(1) Lump sum, excavate river shaft, 100 ft. deep and under river tunnel 260 ft. long from bottom of river shaft;
(2) 100 l.f. excav., additional length under river tunnel;
(3) Lump sum, excavate, 1050 l.f. tunnel from and connecting with existing workings above river level;
(4) 1,355 l.f. excavate tunnel separate from or continuation of tunnel under Item 3;
(5) 175 l.f. excavation, vertical shafts;
(6) 175 l.f. excavation, vertical shafts from surface above river level;
(7) 20 MFBM furnishing and erecting permanent timbering;
(8) 1,500 l.f. horizontal core drilling, holes 50 to 200 ft. long;
(9) 1,850 l.f. additional horizontal core drilling, 50 to 200 ft. long;
(10) 450 l.f. horizontal core drilling to additional depth beyond 200 tt. but not over 300 ft.;
(11) Lump sum, 200 l.f. vertical or inclined core drilling, 50 to 150 ft.
(12) 200 l.f. additional vertical or inclined core drilling, 50 to 150 ft.;
(13) 800 l.f. vertical core drilling from surface, 50 to 200 ft.;
(14) 700 l.f. core drilling in roofs of tunnels, 50 to 150 ft.

Total bids follow:

(A) L. E. Dixon, Bent Bros., Inc., and Case Const. Co., Los Angeles, $87-217.50.
(B) George Pollock Co., Sacramento, $108,502.50.
(C) Malcolm & Bell, Portland, $118,-105.00.
(D) R. G. Clifford (Youdall Const. Co.) San Francisco, $140,038.25.

NOTE: The bid of Milton A. Purdy, Oakland, was unaccompanied by a guaranty and was not declared.

Unit bids follow:

	(A)	(B)
(1)	$12,500.00	$20,000.00
(2)	20.00	30.00
(3)	24,000.00	21,000.00
(4)	11.00	14.00
(5)	13.75	31.00
(6)	13.75	30.00
(7)	100.00	70.00
(8)	8,000.00	10,750.00
(9)	4.50	5.05
(10)	4.50	6.00
(11)	1,000.00	1,000.00
(12)	4.50	5.25
(13)	5.50	5.30
(14)	4.50	6.25

	(C)	(D)
(1)	$27,000.00	$21,600.00
(2)	75.00	33.25
(3)	23,100.00	44,205.00
(4)	20.00	20.40
(5)	20.00	38.40
(6)	20.00	33.25
(7)	100.00	90.00
(8)	6,225.00	7,800.00
(9)	4.15	5.20
(10)	4.15	4.25
(11)	830.00	1,040.00
(12)	4.15	5.70
(13)	4.65	4.50
(14)	4.65	5.45

BIDS OPENED

FONTANA, San Bernardino Co., Cal.—C. P. and W. P. Stover, 116 Alexander St., Claremont, at $44,970 submitted low bid to the Fontana Union Water Co. for constructing complete a reinforced concrete circular ring tension type reservoir of 3,000,000 gallons capacity.

John Strona, Philadelphia and East End Ave., Pomona, submitted low bid on Proposal 2, omitting the roof and roof columns.

Complete bids follow:

C. P. & W. P. Stover, Claremont: (1) $44,970; (2) $30,870.
John Strona, Pomona: (1) $45,805; (2) $30,212.
H. G. Klusman, Cucamonga: (1) $46,-549; (2) $31,730.
Cresmer & Empman, Riverside: (1) $46,950; (2) $31,100.
Grant & Bruner, Los Angeles: (1) $48,000; (2) $32,500.
Thomas McIvenna, South Pasadena: (1) $48,000; (2) $37,000.
George E. Miller, Berkeley Hills: (1) $48,940; (2) deduct $15,845.
Stanton-Reed Co., Los Angeles: (1) $52,462; (2) $38,372.
Brock & Clark, Ltd., Los Angeles: (1) $56,672; (2) $38,372.
J. C. Hickey, Alhambra: (1) $63,000; (2) $44,000.

Bids held under advisement.

BIDS WANTED

CENTRAL VALLEY PROJ., Cal.—Until July 9, 10 A. M., bids will be received by the Bureau of Reclamation, 206 Old Post Office Bldg., Sacramento, Walker Young, Construction Engineer, under Spec. No. 809-D, for core-drilling and excavation for investigation of Baird and Table Mountain dam sites, Central Valley Project.

The Baird dam site is located about 14 miles north of Redding and Table Mountain dam site is located about 10 miles northeast of Red Bluff.

The principal items of work involved are:

(1) 375 c.y. all classes of excavation in open cut at tunnel portals;
(2) Excavating 950 l.f. of tunnels;
(3) Excavating 1250 lf.. vertical shafts
(4) Furnishing and erecting 8 MFBM of permanent timbering in tunnels and shafts;
(5) 3,800 l.f. vertical core-drilling;
(6) 1,520 l.f. core-drilling in holes at an angle of 30 to 45 deg. from the horizontal.

Work shall be commenced within 10 calendar days after date of receipt of notice to proceed.

Specifications obtainable from Bureau of Reclamation at Sacramento or Denver, without charge to prospective bidders; to others, $0.75 per copy, not returnable.

Roy M. Snell, Division Engineer, Redding.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

OAKLAND, Cal.—W. J. Tobin, 3701 Balfour Ave., Oakland, at $2,980.50 awarded contract by the Texas Co., 19th and Dennison Sts., Oakland, for the construction of a pipe line at Ferry and Dolphin Sts., Outer Harbor, Oakland.

HEARING SET

SAN LUIS OBISPO CO., Calif.—Application has been made by the Valley Pipe Line Company for War Department permit to install two 10-in. submarine oil pipe lines and a submarine telephone cable extending seaward about 3600 ft. in Estero Bay, approximately 3 miles north of the town of Morrow.

Drawing showing the locations and plan of the proposed installations may be seen at the U. S. Engineer Office, 751 South Figueroa St., Los Angeles, Major Theo. Wyman, Jr., District Engineer, until June 27, 11 A. M.

CONTRACT AWARDED

OAKLAND, Cal. — W. E. Thomas Welding Co., 3140 San Pablo Avenue, Oakland, at $3080 awarded contract by the East Bay Municipal Utility District, Oakland, under Spec. No. L. S. 177, for electric welding of approximately 7000 lin. ft. of 36-in. steel pipe line.

BID OPENING POSTPONED

ALCATRAZ ISLAND, Calif. — Until June 26, 10 A. M. (date postponed from June 23) bids will be received by the Warden, U. S. Penitentiary, Alcatraz, Administration Bldg., Alcatraz, under Bid No. 703, for construction of a new 6-in. sea water pipe line and connections and excavating and building sump, from the pump house at power plant to water tanks on roof Bldg. No. 68, and a sump in the pump house with sluice and screens to bay.

The work involves:

(1) Furnish and construct 6-inch sea water pipe lines with connections;
(2-Alt.) Same as Item 1 except 8-in. pipe line, plus 8-in. connections where required;
(3) Excavate and build sump.

Specifications obtainable from above office.

BIDS OPENED

SAN MATEO COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $119,297.50 submitted low bid to the Public Utilities Commission, City Hall, under Specifications No. W.D. 107, for the reconstruction of portions of the Pilarcitos and Stone Dam aqueduct, a PWA project.

Work consists of the construction of two pipe lines to replace portions of existing aqueduct known as the Pilarcitos Aqueduct and Stone Dam Aqueduct, both in San Mateo Couney.

The portions of the Pilarcitos aqueduct to be constructed consists of approximately 600 ft. of 36-in. diam. welded steel pipe of ¼-in. plate and 7510 ft. of 28-in. diam. welded steel pipe of 3/16-in. plate. The point of beginning of this pipe line os approximately 3 miles westerly of Millbrae where connection is to be made to the existing 44-in. diam. pipe, form which point the pipe runs in a general northeasterly direction terminating at the San Andres Reservoir.

The portion of the Stone Dam aqueduct to be constructed consists of approximately 2110 ft. of 44-in. diam. welded steel pipe of ¼-in. plate, its point of beginning also being approximately 3 miles westerly of Millbrae, and southerly from the point of beginning of the Pilarcitos pipe; and runs in a general easterly direction to the Crystal Springs canal.

Work includes construction of timber supports for short sections of the pipes which are above ground, a wood cover around certain portions of this pipe on timber supports, and certain other work.

The work involves:

(1) 2110 lin. ft. furnish and lay 44-in. x ¼-in. welded steel pipe;
(2) 600 lin. ft. furnish and lay 36-in. x¼-in. welded steel pipe;
(3) 7510 lin. ft. furnish and lay 28-in. x 3/16-in. welded steel pipe;
(4) 7900 lbs. furnihh and install steel pipe specials not included in other items;
(5) 44 each furnish and install beveled courses for curved sections in 44-in.x¼-in. welded steel pipe
(6) 22 each, furnishing and installing beveled courses for curved sections in 36-in. x ¼-in. do;
(7) 140 each, furnish and install beveled courses for curved sections in 28-in. x 3/16-in. welded

steel pipe;
(8) 184,000 sq. ft. applying bituminous enamel protective coating & lining to steel pipe;
(9) 90,000 sq. ft. felt wrapping on steel pipe;
(10) One only, furnishing and installing 36-in. flexible coupling;
(11) 4200 lbs. furnishing and installing miscellaneous steel work attached to pipe;
(12) 5700 lbs. furnish and install miscellaneous steel work NOT attached to pipe;
(13) 8 each, furnish and install 4-in. gate valves;
(13a) 3 each, furnish and install 6-in. gate valves;
(14) 2 each, furnish and install 4-in. vacuum valves;
(15) 2 each, furnish and install air release valves;
(16) 2750 lbs. furnish and install cast iron pipe and fittings;
(17) 750 lin. ft. remove existing timber flume;
(18) 9500 cu. yds. earth excavation for pipe trenches;
(19) 120 cu. yds. additional rock excavation for trenches;
(20) 50 cu. yds. excavation for structures, unclassified;
(21) 4100 cu. yds. backfill and embankment of unscreened trench excavated material;
(22) 570 cu. yds. backfill and embankment of unscreened material from borrow pits;
(23) 1000 cu. yds. backfill and embankment of screened material;
(24) 10 MFBM furnish and install redwood timber.
(25) 100 lin. ft. relay existing consumers' pipes at service connections;
(26) 3 each, furnish and install steel stand pipes for consumers' service connections.

Total bids follow:
(A) Union Paving Co., San Francisco, $119,297.50.
(B) M. J. Lynch, San Francisco, $119-696.00.
(C) MacDonald & Kahn Co., Ltd., San Francisco, $144,989.60.
(D) R. G. Clifford, San Francisco, $149,421.01.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	$ 9.50	$ 9.00	$ 16.00	$ 11.60
(2).....	9.00	6.00	8.00	9.31
(3).....	5.00	5.00	7.96	6.25
(4).....	.40	.22	.20	.215
(5).....	40.00	15.00	25.00	25.25
(6).....	30.00	11.00	19.00	19.78
(7).....	20.00	9.50	15.00	14.64
(8).....	.13	.11	.09	.155
(9).....	.06	.04	.03	.054
(10).....	75.00	100.00	100.00	61.11
(11).....	.30	.25	.26	.327
(12).....	.20	.25	.19	.204
(13).....	50.00	25.00	24.00	29.00
(13a).....	60.00	40.00	35.00	41.66
(14).....	250.00	150.00	200.00	127.50
(15).....	80.00	50.00	100.00	43.28
(16).....	.25	.50	.16	.23
(17).....	.50	.60	5.00	.75
(18).....	.60	2.00	1.00	2.50
(19).....	3.00	1.00	1.00	3.50
(20).....	5.00	2.00	2.00	3.00
(21).....	.45	.50	.40	.25
(22).....	1.00	.80	1.00	.75
(23).....	1.50	2.50	1.50	1.00
(24).....	200.00	100.00	100.00	100.00
(25).....	4.00	5.00	1.00	5.00
(26).....	400.00	300.00	100.00	285.00

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SAN FRANCISCO. — Until July 8, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, for extension of the Alemany Sewer along Selby St. bet. Galvez and Hudson Streets, Sec. D-1, Contract No. 2, to be done under PWA provisions, under Spec. No. 18,958. Estimated cost, $85,000.

The work involves:
(1) 225 l.f. 2-compartment, 8 ft. 6in. by 11 ft. reinf. concrete sewer;
(2) 125 l.f. 3-compartment 7 ft. 6 in. by 10 ft. reinf. concrete sewer;
(3) 2 manholes;
(4) Reinforced concrete taper connection;
(5) 400 l.f. 12-in. VCP under-drain, concrete covered or imbedded in broken rock;
(6) 102,700 l.f. piles;
(7) Wood connection reinf. concrete sewer to existing wood box sewer.

Specifications may be obtained from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of $10.00.

CONTRACT AWARDED

INDEPENDENCE, Inyo County. — S. M. Milovich, 503 Whittier Blvd., Montebello, at $27,408.15, awarded a contract by the Los Angeles Water and Power Commission, 207 S. Broadway, for the construction of the Independence sewer system under Spec. No. X-24.

CONTRACT AWARDED

SAN FRANCISCO. — E. J. Treacy, Call Bldg., at $2,840.90 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,-902 for grading, paving and constructing sewers in Peralta Avenue between Mullen Ave. and Florida St.

BONDS VOTED

GUSTINE, Merced Co., Cal.—A proposal to issue $8000 in bonds to finance construction of main and lateral sewers was again approved June 16 by a vote of 157 to 16 in Gustine.

BIDS WANTED

REDDING, Shasta Co., Calif.—Until July 6, 8 P. M., lump sum bids will be received by the Redding City Council, Winfred Wright, City Clerk, City Hall, for the construction of sewer laterals and manholes in the Dakin Addition. Estimated cost, $26,000.

The work involves:
(1) 12,000 ft 6-in. dia. vitrified clay pipe sewer;
(2) Alt., 12,000 ft. 6-in. dia. machine made cement concrete sewer pipe;
(3) 43 brick manholes with cast iron rings and covers, average depth 5.5 feet.

Plans and specifications obtainable from W. K. Adams, City Engineer.

AWARD RECOMMENDED

HAMILTON FIELD, Marin Co., Cal. —Fred J. Early, Jr., 369 Pine St., San Francisco, at $1,685 submitted low bid and recommended for award of contract by the Quartermaster, Hamilton Field, San Rafael, under Bid No. QM 373-36-15, for furnishing and installing a 500-gpm. vertical sewage pump, powered by a 15-hp. gasoline engine in the pumping plant at Hamilton Field.

Complete bids follow:
Fred J. Early, Jr., (A) $1,685; (B) $1,974.50; (C) $2,085; (D) $2,533.50.
Herman Lawson, San Francisco, $2-530 (corresponding to Proposal C).
H. S. Tittle Co., San Francisco: $1-740 (corresponding to Proposal A).

Proposal A is for a Chicago pump with a Waukesha engine.
Proposal C is for Fairbanks-Morse

33— WATER WORKS

BIDS WANTED

SAN FRANCISCO.—Until July 8, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. WD 115 for the relocation of a 20-inch steel feeder main in Sloat Blvd. from 23rd to 25th Avenues.

The work involves:
(1) 480 l.f. fabrication, etc., 20-inch steel pipe;
(2) 6 roundabout seams, fabrication of bends, 20-in. pipe;
(3) 480 l.f. excavation and backfill, normal trench, 20-in. pipe;
(4) 50 c.y. additional excavation and backfill for trench below grade;
(5) 480 l.f. installation of 20-in. steel pipe;
(6) 1200 s.f. repavement;
(7) 4 roundabout seams, fabrication of bends for 20-in. pipe;
(8) 450 l.f. excavation and backfill, normal trench, 20-in. steel pipe;
(9) 50 c.y. additional excavation and backfill, below trench grade;
(10) 450 l.f. installation of 20-in. steel pipe to be relaid;
(11) 4,000 s.f. repavement.

Specifications may be obtained at Room 605, San Francisco Water Department Bldg., 425 Mason St., San Francisco, on deposit of $10.

Nelson A. Eckart, chief engineer.

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

SAN DIEGO, Cal.—Wickwire Spencer Steel Co., 101 Townsend St., San Francisco, at $5204.85 submitted low bid to Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8219, for nonclimable wire fence at the Naval Operating Base (Marine Corps Base) San Diego.

The work includes, in general, the furnishing and installing of approximately 5170 lin. ft. of nonclimable wire fence including two pairs of gates (20 ft. wide openings each) and five single pedestrian gates (4 ft. wide openings each).

Complete bids follow:
(1) per lin. ft.; (2) total:

Wickwire Spencer Steel Co., San Francisco	(1)	$ .95
	(2)	5204.85
Standard Fence Co., Los Angeles	(1)	1.05
	(2)	5644.00
Whiting Mead Co., Los Angeles	(1)	1.05
Pittsburgh Steel Co., Los Angeles	(1)	1.0326
	(2)	5810.10
	(2)	5928.00

Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO — Rockwood Sprinkler Co., 7 Front St., at $1248 awarded contract by Department of Public Works for furnishing and installing lawn sprinkling system for the San Francisco War Memorial building at Van Ness Ave., Grove, Franklin and McAllister Streets.

CONTRACT AWARDED

SAN FRANCISCO—Herman Lawson Co., 465 Tehama St., at $1,433 awarded contract by the Department of Public Works for furnishing and installing lawn sprinkling system for the San Francisco War Memorial building at the Civic Center.

It was previously reported, incorrectly, that the contract was awarded Rockwood Sprinkler Company.

35— TUNNELS

CONTRACT AWARDED

YAKIMA PROJECT, Wash.—Morrison-Knudsen Co., P. O. Box 1518, 318 Broadway, Boise, Idaho, at $262,012 awarded contract by the Bureau of Reclamation, Yakima, C. E. Crownover, Construction Engineer, under Spec. No. 682, for construction of Tunnel No. 1, Station 59 plus 38 to Station 102, Yakima Ridge Canal, Roza Division.

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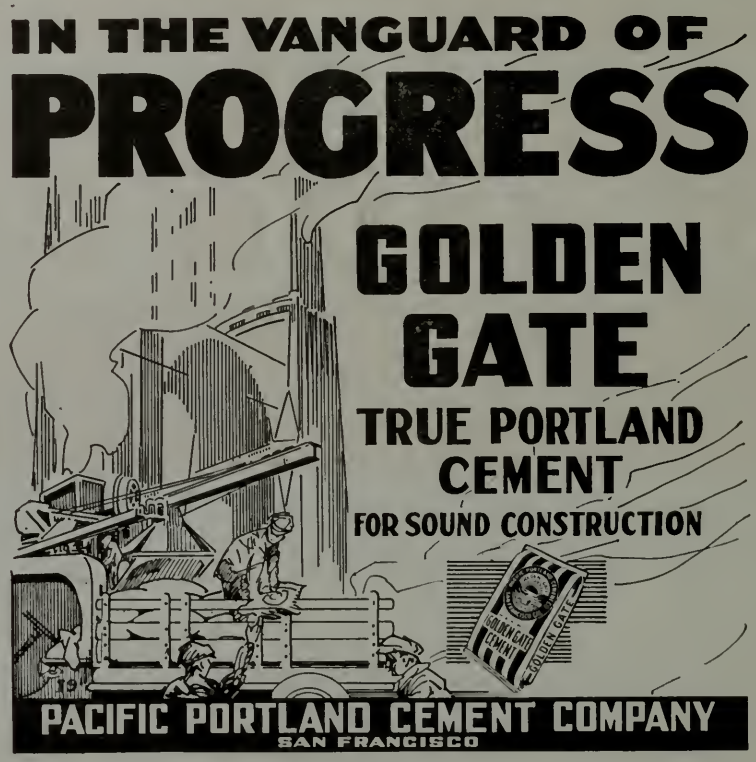

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17 Construction Projects Scheduled With $1,389,000 Forest Highway Fund

Apportionment of $1,389,228 for forest highway construction in California, Arizona and Nevada during the current fiscal year was announced yesterday by District Engineer C. H. Sweetser. The sum is distributed among seventeen projects, ten of which are in California. Advertising of contracts in the new program has commenced and the bureau schedule calls for early obligation of the entire year's appropriation.

The total of $1,389,228 includes funds for maintenance and surveys, but does not include the engineering costs. Construction funds are allocated by states as follows: California, $903,403; Arizona, $370,783; Nevada, $115,042.

Following is the allocation to projects:

CALIFORNIA

7-B (Day labor) Grading Mendocino Pass	$ 40,000
20-C-D-E Grading Almanor	83,000
21-A3-C3 Improv. Deer Creek Meadows	25,000
24-A Grading Gold Lake	25,000
27-C Grading Sierraville - Hobart	70,000
32-H Grading Placerville-Lake Tahoe	212,000
61-C Grading Angeles Crest	150,000
73-C-D1-E1 Grading and Surfacing Laguna	88,000
77-I Grading Mt. Shasta - Mt. Lassen	77,000
81-A1-B1 Bituminous Treat'm't Mammoth Lakes	11,000

ARIZONA

3-D Grading Flagstaff - Clints Well	$ 70,000
7-I1-J1-K1 Grading and Subgrade Reinf. Oak Creek	75,000
11-B1-C1-D1 Grading and subgrade Reinf. Payson - Colcord Mountain	50,000
19-B2 Grading Clifton-Alpine	10,000
30-C Grading Globe-Showlow	70,000
33-Unit 1 Catalina (prison labor)	25,000

NEVADA

18-A Grading Owyhee River	$100,000

The Bureau has advertised contracts for the Sierraville - Hobart route grading for bids July 7 and the Placerville-Lake Tahoe grading for bids July 23.

Bids were opened yesterday for improvement of the Deer Creek Meadows route in Tehama County. The low bid was submitted by Tiffany Construction Co., San Jose, at $21,835.

ONE BID ON AUBURN P. O.

(SPECIAL TO DAILY PACIFIC BUILDER)

WASHINGTON, D. C., July 2.—Schuler & McDonald, Oakland submitted the only bid received today by the Treasury Department for erecting a post office building at Auburn. The bid was $91,383 and exceeds considerably the available funds for the building. The original limit of cost for the Auburn project was fixed by the Supervising Architect at $75,000.

6-Story Broadway Apartment Planned By H. C. Baumann

Architect H. C. Baumann announced yesterday completion of plans for a six-story Class C apartment building to be erected on Broadway near Franklin Street, San Francisco. The building will contain 24 four- and five-room apartments.

Edward Jose, 251 Kearny Street, is manager of construction for J. N. C. Riddle, owner. He is taking segregated bids on various portions of the work.

Specifications call for tile baths and kitchens, hardwood floors, fireplaces, steam heat and electric refrigeration.

TO LIBERALIZE FHA INSURING REGULATIONS

S.F. Director Says Small Homes Will Be Aided; Eligible Areas Extended

Expansion of the scope of government-insured home financing, which also will extend advantages of the insured single mortgage system to scores of communities heretofore ineligible to participate in this phase of the National Housing Act, was announced yesterday by Clifford C. Anglim, Northern California director of the Federal Housing Administration.

"The liberalized terms under which home loans from authorized lending institutions will be insured by the Housing Administration definitely establish the insurability of modest homes costing $2000 or less," Anglim said.

"Equally important to potential builders and buyers of less costly homes in the smaller communities is the fact that revised rules shortly to be issued will not require residential property financed under government-insured single mortgages to be located within the corporate limits of any city or town."

Anglim pointed out that this phase of the Housing Act permits private financial institutions to lend as much as 80 percent of the total appraised value of residential property, amortized over periods as long as 20 years, without ever refinancing or secondary financing of any kind.

"For instance, the owner of a clear lot worth $500 or more is eligible to apply to any authorized lending agency of his choice for as much as $2000 to build a house," explained the Housing director. "A monthly payment of $14.86 will amortize a loan of that amount under the 20-year plan, or by paying $17.48 a month clear title may be secured within 15 years.

"To these amounts must be added one-twelfth of the annual taxes and the annual fire insurance premium, approximately 2.44 a month additional in this district."

SHELL AWARDS 304-MI. VALLEY PIPE CONTRACT

Lindgren & Swinerton To Construct $4,000,000 Kern-Martinez Conduit

Lindgren & Swinerton, Inc., will commence preliminary work at once on the contract awarded Friday by Shell Oil Company for constructing a 304-mile pipe line between Kern oil fields and Martinez, Alfred B. Swinerton, president, said yesterday. The pipe line is reportedly the longest line ever laid in the west under a single contract. It will cost approximately $4,500,000, including 25,000 tons of pipe being furnished by the company and construction of four pumping stations, not included in the Lindgren & Swinerton award.

Actual construction is to start about July 20 and to be completed in 90 days. Work will begin simultaneously at Bakersfield, Caliola, Martinez and Meganos. Mr. Swinerton said the contract will be handled from the Los Angeles office of this company under supervision of Van W. Rosendahl.

There will be about 500 men employed on the job, including four field engineers, four superintendents, four auditors and 120 welders. Hiring will commence at once at Bakersfield, Caliola, Martinez and Meganos.

Equipment requirements include 40 trucks, six trenching machines, 12 compressors, 12 tractors and 60 welding machines. The hauling of pipe and welding may be subcontracted.

The new pipe line will be 304 miles in length. One section of 90 miles will extend from Bakersfield to Caliola, southern terminus of Shell's present pipe line, about ten miles northeast of Coalingaa. Another section will connect Caliola with Martinez. Gathering lines from the oil fields will add 44 miles to the project, making a total of 304 miles of new construction. The main line will be 10-inch seamless steel pipe, laid underground and electrically welded. Approximately 25,000 tons of pipe will be required.

Capacity of the new line will be about 25,000 barrels a day from Bakersfield to Caliola. The new line and the existing Shell pipeline will give Shell a capacity of 40,000 barrels a day from Caliola into the Martinez Refinery.

Pumping equipment installed in the new project will be of the most advanced type, with operating pressures of 1000 pounds between Bakersfield and Caliola, and 800 pounds from Caliola to Martinez. Four new pumping stations will be erected on the stretch from Bakersfield to Caliola. Existing stations from Caliola to Martinez will handle the increased flow of oil, but all of them will be re-equipped and made thoroughly up-to-date.

Six-Month S. F. Residential Building Exceeds 1935 Total; June $803,561

San Francisco's residential building in the first six months of 1936 was greater than in the entire year of 1935, according to preliminary figures available last night from the Central Permit Bureau of the Department of Public Works. The June total of $803,561 for 173 permits for frame buildings, the majority of which are single-family dwellings, brings the half-year total for this class of work to $4,343,071, which compares with $3,624,272 for twelve months of last year. The number of permits of this class issued to date is 929, while the last year's total was 870.

June ranks as the third best month of the year in permits issued for frames. The valuation of work under this classification is less than in April and May, the former being the peak month.

Following are totals by months for 1935 and the year to date for frame construction:

San Francisco Permits for Frames

	1935		1936	
	No.	Value	No.	Value
January	38	$105,750	102	$439,250
February	45	164,050	138	659,480
March	55	214,340	137	626,275
April	76	298,825	217	949,190
May	80	341,412	162	865,315
June	56	249,859	173	803,561
July	66	279,310	.....	.....
August	84	340,350	.....	.....
September	84	383,765	.....	.....
October	107	445,645	.....	.....
November	84	384,248	.....	.....
December	95	416,718	.....	.....

Permits issued in June for all classes of work in San Francisco totalled $1,279,602, S. J. Rosenblum head clerk of the Central Permit Bureau, reported. The total is more than double that of June, 1935.

Following are the classified totals for the two months:

Class.	No. of P'mts	Est. Cost	No. of P'mts	Est. Cost
A	.....	$.....	1	$ 8,000
B	1	1,000	.....	.....
C	8	115,750	7	25,375
Frames	173	803,561	56	249,859
Alterations	450	329,920	403	221,492
Public	4	17,465	.....	.....
U. S. Govt.	1	11,906	.....	.....
Total	637	$1,279,602	467	$504,726

AIR BASE Q.M. ON WAY TO SACRAMENTO

Chief Of $7,000,000 Construction To Open Offices Housing Survey Planned

Captain A. W. Parker, constructing quartermaster for the Army Air corps supply and repair depot to be constructed at Sacramento, is en route to the capital city, according to information received by authorities there. The last Congress appropriated $4,000,000 to start the work on the base and authorized contracting of work to cost an additional $3,000,000.

The Army's plans are to start construction as soon as title to the site is cleared.

Real estate agents handling the deal announced that final options had been obtained for all land needed for the air base. Three locations for temporary offices for the constructing quartermaster await his selection. They are the old post office at Seventh and K Streets, the new post office and the abandoned terminal post office.

A special board of officers of the Army air corps is expected in Sacramento shortly to study the housing situation. It will be necessary to find living quarters for 350 civilian mechanics who will be transferred from Rockwell Field, San Diego, when the new base is completed.

Six Companies Sues For $3,259,695 Loss On Broadway Tunnel Contract

Six Companies of California, Inc., yesterday filed suit in Federal District Court in San Francisco to recover $3,259,695 claimed due from Joint Highway District No. 13 for construction performed on the Broadway Low-level Tunnel. The tunnel was about 70 per cent complete when Six Companies notified the highway district June 13 that it would not proceed with the contract. The contractor has received $2,021,047 in progress payments on an original bid price of $3,683,000.

The complaint states that the contractor has performed work to the value of $5,280,742 since the contract was awarded and asks judgment for the difference between that sum and the total of progress payments with interest.

The highway district is reported preparing to proceed with completion of the tunnel under a new contract using funds on hand. A faithful performance bond of $1,842,000 was posted by Six Companies upon award of the contract. Sixteen bonding companies participated in the underwriting and the district has called on the bondsmen to take over the contract, but has not revealed what attitude the companies have assumed.

PRE-DEPRESSION SCALE RESTORED EFFECTIVE JULY 1

All Crafts Share Higher Pay Rates; 8-Hour Day To Prevail

A new wage scale for the building trades that will be accpeted by principal contractors on private work in San Francisco county effective July 1 is announced by the Impartial Wage Board named by the Industrial Association two months ago to review wage rates. The Wage Board granted increases in every classification, restoring pay levels approximately to those of pre-depression years.

Recognizing the $9 wage recently established by a special board of arbitration for carpenters, the Board stated it had undertaken to bring the recommended wage rates of the other crafts into proper relationship with the new wage scale for carpenters."

The award continues the eight-hour day and the five-day week as the established working period for the industry.

Members of the Impartial Wage Board are Alfred I. Esberg, chairman; Dr. Bernard F. Haley, Stanford University economist, and Hubert M. Walker, contractor. Their conclusions are the result of independent studies prepared by economists and statisticians showing the historical relation of San Francisco wages to those of other cities and to the variations in cost of living, building activity, etc., and testimony of representative employers.

"The board keenly regrets that representatives of organized labor in the industry did not see fit to accept an invitation to furnish information and to present their views," the report accompanying the award states.

Findings of the Board were completed June 19, but have been withheld from publication pending a decision of the San Francisco Superior Court on a petition for an injunction to restrain the Board from proceeding. The petition was filed by officers of the Building Trades Council. It was denied by Superior Judge J. J. Trabucco, who announced his decision Friday.

Building Trades Wage Scale

Wages to be paid for an eight-hour day effective July 1, 1936, (with comparison of 1933 wages) as determined by the Impartial Wage Board:

Journeymen Mechanics	1936 Award	1933 Award
Asbestos Workers	$ 8.00	$6.40
Bricklayers	12.00	9.00
Bricklayers' Hodcarriers	8.00	5.60
Cabinet Workers (Outside)	9.00	7.20
Carpenters	9.00	7.20
Cement Finishers	9.00	7.20
Cork Insulation Workers	9.00	7.20
Electrical Workers	10.00	8.00
Electrical Fixture Hangers	8.00	7.00
Elevator Constructors	10.40	8.68
Engineers, Portable and Hoisting	9.00	8.00
Glass Workers (all classifications)	8.50	6.80
Hardwood Floormen	9.00	7.20
Housesmiths, Architectural Iron (outside)	9.00	7.20
Housesmiths, Reinforced Concrete, or Rodmen	9.00	7.20
Iron Workers (Bridge and Structural)	11.00	9.60
Iron Workers (Hoisting (Hoisting Engineers)	11.00	10.00
Laborers (six-day week)	5.50	5.00
Lathers, Channel Iron	10.00	8.00
Lathers, all others	9.00	6.80
Marble Setters	10.00	8.00
Millwrights	9.00	7.20
Mosaic and Terrazzo Workers (outside)	9.00	7.20
Painters	9.00	7.00
Painters, Varnishers and Polishers (outside)	9.00	7.00
Pile Drivers and Wharf Builders	9.00	8.00
Pile Drivers Engineers	10.00	9.00
Plasterers	12.00	8.80
Plasterers' Hodcarriers	8.00	6.00
Plumbers	10.00	8.00
Roofers (all classifications)	8.00	6.40
Sheet Metal Workers	9.00	7.20
Sprinkler Fitters	10.00	9.00
Steam Fitters	10.00	8.00
Stair Builders	9.00	7.20
Stone Cutters, Soft and Granite	9.00	6.80
Stone Setters, Soft and Granite	12.00	8.00
Stone Derrickmen	9.00	7.20
Tile Setters	10.00	8.00
Tile, Cork and Rubber	9.00	7.20
Welders, Structural Steel Frame on Buildings	11.00	9.60
Welders, all others on Buildings	9.00	8.00
Dump Truck Drivers, 2 yards or less	6.00	5.50
Dump Truck Drivers, 3 yards	6.50	6.00
Dump Truck Drivers, 4 yards	7.00	6.50
Dump Truck Drivers, 5 yards	7.00	6.50
Dump Truck Drivers, 6 yards	7.50	7.00
Truck Drivers of Concrete Mixer Trucks:		
2 yards or less	6.50	.....
3 yards	7.00	.....
4 yards	7.50	.....
5 yards	7.50	.....
6 yards	8.00	.....

STATE PLACEMENTS IN MAY 19,526

The California Division of State Employment Agencies placed 19,526 in jobs during the month of May, representing a material increase in the number receiving permanent and private employment according to the report.

The division received 18,156 new applications for employment and 17,367 persons renewed their application. On May 31 there were 293,482 applicants on the rolls of the various offices.

Cement Plants In California Raise Output

California plants produced 1,263,000 barrels of Portland cement in May, 1936, a substantial increase over the 661,000 barrels produced during the same month last year, according to the report of the Bureau of Mines.

Clinker production made an even better showing, doubling last year's figure, 1,281,000 barrels were produced in May, 1936, as against 640,000 barrels for May, 1935. Stock at the end of the month was considerably lower, with 762,000 barrels on hand compared with 1,454,000 barrels last year.

Portland cement shipments continued to show gains with a total of 1,149,000 barrels shipped in May, 1936, over 738,000 barrels for the same month last year. Stocks at the end of the month were about the same, with 1,309,000 barrels for May, 1936, compared with 1,330,000 barrels for May, 1935.

Total U. S. production of Portland cement showed an increase, according to the report. 10,985,000 barrels were produced in May, 1936, as against 8,222,000 barrels in May, 1935. Shipments for 1936 and 1935 were 11,121,000 barrels and 7,428,000 barrels respectively.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
No.	Owner	Contractor	Amt.
1267	Galli	Owner	5000
1268	Galli	Owner	4000
1269	Galli	Owner	4500
1270	Galli	Owner	4000
1271	Galli	Owner	4500
1272	Galli	Owner	4500
1273	Johnson	Owner	4000
1274	Johnson	Owner	4000
1275	Nelson	Owner	4500
1276	Walters	Sandino	3600
1277	Norton	Cohen	12500
1278	Grosso	Owner	2260
1279	Arnott	Arnott	6000
1280	Hirsch	Mattock	3000
1281	Parchment	Owner	1500
1282	Christensen	Blincoe	5000
1283	Tamborini	Blincoe	4000
1284	Halsted	Mullen	1900
1285	Steelform	Owner	3800
1286	Siegal	Mullen	1700
1288	Standard	Owner	3500
1289	Standard	Owner	3500
1290	City	Lindgren	140781
1291	Arnott	Owner	6000
1292	Land	Owner	9500
1239	Stoneson	Owner	5000
1294	Stonson	Owner	5000
1295	Stoneson	Owner	5000
1296	Stoneson	Owner	5000
1297	Rasmussen	Owner	1000
1298	Morris	Owner	4000
1299	Labreque	Blincoe	3000
1300	Capital	Langfelder	3000
1301	Jackson	Owner	2000
1302	Harrison	Coburn	1000
1303	Granat	Mullen	5000
1304	Whiteside	Owner	2000
1305	Merovingo	Kaffke	2500
1306	Nelson	Owner	4000
1307	Nelson	Owner	3500
1308	Nelson	Owner	4000
1309	Hallgren	Owner	3500
1310	Hallgren	Owner	3500
1311	Stoneson	Owner	4000
1312	Blums	Meinberger	3000
1313	Paciorettl	Fallotti	3500
1314	Schaezlein	Akard	5000
1315	Crocker	Dinwiddie	2000
1316	Healy	Murer	3000
1317	Akard	Akard	5000
1318	Grahn	Owner	3000
1319	Thompson	Akard	5000
1320	Marshall	Wilbe	1700
1321	Moeller	Akard	5000
1322	McManus	Akard	5000
1323	Flieger	Early	2000
1324	Ruegg	Owner	4000
1325	Bothin	Mattock	1000
1326	Karp	Lindeman	5000
1327	Thorinson	Owner	3500
1328	Luric	Jones	5000
1329	Associated	Owner	8000
1330	Lamey	Lindsay	3750
1331	Standard	Owner	3500
1332	Rehdish	Grant	1500
1333	Doelger	Owner	1000
1334	Liebman	Owner	7500
1335	Liebman	Owner	7500
1336	Liebman	Owner	7500
1337	Liebman	Owner	7500

DWELLING
(1267) W 23rd AVE. 400 S Ocean.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect — Edmund H. Denke, 1317 Hyde Street. $5,000

DWELLING
(1268) W 23rd AVE. 280 S Ocean.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Arhhitect—Edmund H. Denke, 1317 Hyde Street. $4,000

DWELLING
(1269) W 23rd AVE. 360 S Ocean.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Arhhitect—Edmund H. Denke, 1317 Hyde Street. $4,500

DWELLING
(1270) W 23rd AVE. 240 S Ocean.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Arhhitect—Edmund H. Denke, 1317 Hyde Street. $4,000

DWELLING
(1271) W 23rd AVE. 360 S Ocean.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Arhhitect—Edmund H. Denke, 1317 Hyde Street. $4,500

DWELLING
(1272) W 23rd AVE. 320 S Ocean.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Arhhitect—Edmund H. Denke, 1317 Hyde Street. $4,500

DWELLING
(1273) W 17th AVE. 220 N Wawona. One - story and basement frame dwelling.
Owner and Builder—S. F. Johnson, 2601 17th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. $4,000

DWELLING
(1274) W 17th AVE. 195 N Wawona. One - story and basement frame dwelling.
Owner and Builder—S. F. Johnson, 2601 17th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. $4,000

DWELLING
(1275) E 26th AVE. 154 S Ocean. One - story and basement frame dwelling.
Owner and Builder—Fernando Nelson Sons, 2901 19th Ave.
Architect—Not Given. $4,500

DWELLING
(1276) W ALMADEN COURT 220 N Anza. One - story and basement frame dwelling.
Owner—Carl Walters, 479½ Sanchez
Architect—Not Given.
Contractor—F. J. Sandino, Jr., 1120 Union Street. $3,600

STORE
(1277) W PINE ST. 78 W Stockton. One-story Class B store.
Owner—Lewis M. Norton, Russ Bldg.
Architect—H. C. Baumann, 251 Kearny Street.
Engineer—Jas. M. Smith, 251 Kearny.
Contractor—Louis Cohen, Russ Bldg. $12,500

ALTERATIONS
(1278) 1285-87 46th AVENUE. Alter dwelling.
Owner and Builder—J. Grosso & Sons 600 Huron Avenue.
Architect—Not Given. $2260

DWELLING
(1279) E 22nd AVE. 80 N Eucalyptus. One - story and basement frame dwelling.
Owner and Builder—Jas. Arnott. 633 Taraval.
Architect—Chas. Strothoff, 2475 15th Street. $6,000

ALTERATIONS
(1280) 530 EUCLID. Alter dwelling.
Owner—Marcel Hirsch, premises.
Architect—Samuel L. Heyman and A. Appleton, 68 Post St.
Contractor—A. F. Mattock Co., 212 Clara St. $3,000

ALTERATIONS
(1281) 1817 JACKSON Street. Alter dwelling.
Owner and Contractor—S. R. Parchment, 1725 Washington St.
Architect—Not Given. $1,500

DWELLING
(1282) N DORANTES 266 W Montalvo. Two - story and basement frame dwelling.
Owner—A. M. Christensen, 2663 15th Avenue.
Architect—Not Given.
Contractor—C. O. Blincoe, 2663 15th Avenue. $5,000

DWELLING
(1283) N ANZA 104 E Wood. tOne-story and basement frame dwelling.
Owner—Mario Tamborini, 2663 15th Avenue.
Architect—Not Given.
Contractor—C. O. Blincoe, 2663 15th Avenue. $4,000

ALTERATIONS
(1284) 1123 SUTTER ST. Alter mortuary.
Architect—Not Given.
Owner—Halsted & Co., premises.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $1,900

OFFICE BLDG.
(1285) N HARRISON 300 E Third. Two-story Class C office bldg.
Owner — Steelform Contracting Co., 688 Harrison St.
Architect—H. C. Baumann, 251 Kearny Street.
Engineer—Jas. M. Smith, 251 Kearny Street. $3,800

ALTERATIONS
(1286) 2366 MISSION ST. Alter store.
Owner—Siegal Men and Boys' Shop, 2366 Mission Street.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $1,700

DWELLING
(1288) E 20th AVE. 125 N Quintara. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1289) E 20th AVE. 100 N Quintara. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

OFFICES
(1290) SE BUSH and Stockton Sts.; Three-story Class B offices.
Owner—City and County of San Francisco (Public Utilities Commission) 425 Mason Street.
Architect—W. P. Day, Financial Center Building.
Contractor—Lindgren and Swinerton, Standard Oil Bldg. $140,781

DWELLING
(1291) E 22nd AVE. 80 N Eucalyptus. One - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval St.
Architect—Chas. Strothoff, 2475 15th Avenue. $6,000

APARTMENTS
(1292) SW VIENNA AND TWENTY-second Ave. Two-story frame apartments and store.
Owner — Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $9500

DWELLING
(1293) E NINETEENTH AVE. 429 S Sloat Blvd. Two-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $5000

DWELLING
(1294) E NINETEENTH AVE. 471 S Sloat Blvd. Two-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $5000

DWELLING
(1295) E NINETEENTH AVE. 513 S Sloat Blvd. Two-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $5000

DWELLING
(1296) E NINETEENTH AVE. 387 S Sloat Blvd. Two-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $5000

DWELLING
(1297) E BRONTE ST. 125 N Jarboe St. One-story and basement frame dwelling.
Owner—John Rasumssen, 447 Valencia St., San Francisco.
Architect — E. H. Dobkowitz, 425 Monterey Blvd. $1000

DWELLING
(1298) W THIRTY-SEVENTH AVE. 275 S Santioga St. One-story and basement frame dwelling.
Owner—A. T. Morris & Sons, 5400 Fulton St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1299) SW LAIDLEY ST. 168 E 30th St. One-story and basement frame dwelling.
Owner—A. Labreque, 2663 15th Ave., San Francisco.
Architect—Not Given.
Contractor—C. O. Blincoe, 2263 15th Ave., San Francisco. $3000

ALTERATIONS
(1300) NO. 1086 POST ST. Alter apartments.
Owner—Capital Co., 625 Market St., San Francisco.
Architect—Not Given.
Contractor — Langfelder & Schuster, 280 Wawona St. $3000

ALTERATIONS
(1301) NE TENTH AVE. AND CLEment St. Alter store.
Owner—L. R. Jackson, Premises.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $2000

ALTERATIONS
(1302) NO. 24 PATTON ST. Alter dwelling.
Owner—Mr. Harrison, Premises.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $1000

ALTERATIONS
(1303) NW TWENTIETH AND MISsion Sts. Alter store.
Owner—Granat Bros., Premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St. $5000

DWELLING
(1304) E MANCHESTER ST. 50 N Stoneman. One-story and basement frame dwelling.
Owner—R. R. Whiteside, 185 Lee St., San Francisco.
Architect—Not Given. $2000

DWELLING
(1305) S BROSNAN ST. 156 W Valencia St. One-story and basement frame dwelling.
Owner—P. Merovingo, Brosnan St.
Architect—Not Given.
Contractor—Kaffke & Rasmussen, 50 San Gabriel Ave., S. F. $2500

DWELLING
(1306) W TWENTY-FIFTH AVE. 294 S Ocean Ave. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(1307) N ROMAINE ST. 83 E Corbett Ave. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1308) W TWENTY-FIFTH AVE. 256 S Ocean Ave. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(1309) E FUNSTON AVE. 325 N Taraval St. One-story and basement frame dwelling.
Owner—A. Hallgren, 1594 29th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1310) E FUNSTON AVE. 300 N Taraval St. One-story and basement frame dwelling.
Owner—A. Hallgren, 1594 29th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1311) NE THIRTY-SECOND AVE. and Kirkham St. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(1312) SW POLK & CALIFORNIA Sts. Alter store.
Owner—Blum's Candy Store, Prem.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor—H. Meinberger, 956 Folsom St., S. F. $3000

DWELLING
(1313) W MARKET ST. 240 E Danvers. One-story and basement frame dwelling.
Owner—G. Pacioretti, 161 Corbett Ave., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor—R. Foliotti, 200 Cervantes Blvd., San Francisco. $3500

DWELLING
(1314) W FORTY-SIXTH AVE. 225 S Geary St. One-story and basement frame dwelling.
Owner—Robert F. Schaezlein, % Contractor.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—W. C. Akard, 225 Cervantes St., S. F. $5000

ALTERATIONS
(1315) NW BUSH AND VAN NESS Ave. Alter apartments.
Owner—Crocker First National Bank, 1 Montgomery St., S. F.
Architect—Not Given.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg. $2000

ALTERATIONS
(1316) NO. 1233 YORK ST. Alter flats.
Owner—P. Healy, Premises.
Architect—Not Given.
Contractor—L. Murer, 1271 Quesada St., San Francisco. $3000

DWELLING
(1317) W FORTY-SIXTH AVE. 200 S Geary St. One-story and basement frame dwelling.
Owner—W. C. Akard, % Contractor.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—W. C. Akard, 225 Cervantes Blvd., San Francisco. $5000

DWELLING
(1318) NW HARKNESS AND MILL Sts. One-story frame and basement frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1319) W FORTY-SIXTH AVE. 150 S Geary Blvd. One-story and basement frame dwelling.
Owner — Clarence P. Thompson, % Contractor.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—W. C. Akard, 225 Cervantes Blvd., San Francisco. $5000

ALTERATIONS
(1320) NO. 186 WEST PORTAL. Alter drug store.
Owner—Phillip H. Marshall, 31 West Portal, San Francisco.
Architect—Not Given.
Contractor — A. J. Wilbe, 850 Ulloa St., San Francisco. $1700

DWELLIIG
(1321) W FORTY-SIXTH AVE. 175 S Geary Blvd. One-story and basement frame dwelling.
Owner—Gustave Moeller Jr., % Contractor.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—W. C. Akard, 225 Cervantes Blvd., San Francisco. $5000

DWELLING
(1322) W FORTY-SIXTH AVE. 250 S Geary Blvd. One-story and basement frame dwelling.
Owner—E. H. McManus, % Contractor.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—W. C. Akard, 225 Cervantes Blvd., S. F. $5000

ALTERATIONS
(1323) NO. 639 EIGHTEENTH AVE. Alter flats.
Owner—E. Flieger, % Contractor.
Architect—Not Given.
Contractor — Fred. J. Early Jr., 369 Pine St., S. F. $2000

DWELLING
(1324) E DESMOND 32 N Sunnydale. One - story and basement frame dwelling.
Owner and Builder—The Ruegg Co., 369 Pine Street.
Architect—Not Given. $4,000

ALTERATIONS
(1325) 604 MISSION ST. Alter office building.
Owner—Bothin Real Estate Co., 604 Mission Street.

Architect—Angus McSweeney, 604 Mission Street.
Contractor—A. F. Mattock Co., 212 Clara Street. $1,000

DWELLING
(1326) W 29th AVE. 50 N Anza St. Two - story and basement frame dwelling.
Owner—Arthur W. Karp, 806 2nd Ave.
Architect—Not Given.
Contractor—W. R. Lindeman, 829 44th Avenue. $5,000

DWELLING
(1327) W 1st AVE. 59 S Vicente St.; One - story and basement frame dwelling.
Owner and Builder—F. N. Thorinson, 1630 Ocean Ave.
Architect—Not Given. $3500

ALTERATIONS
(1328) SW SACRAMENTO and Montgomery Sts. Alter store bldg.
Owner—Lurie Co., 333 Montgomery.
Architect—W. D. Peugh, 3 3 3 Montgomery Street.
Contractor—Paul K. Jones, 1272 18th Avenue. $5,000

SERVICE STATION
(1329) NE COR. STEINER and Lombard Sts. Class B service station.
Owner — Associated Oil Co., 79 New Montgomery Street.
Engineer—Vincent C. Raney. $8,000

DWELLING
(1330) S COLLEGE 372 W Mission. One - story and basement frame dwelling.
Owner—Frank Lamey, 3842 Mission.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue. $3750

DWELLING
(1331) E 21st AVE. 100 N Quintara. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

ALTERATIONS
(1332) 510 ANDOVER Street. Alter dwelling.
Owner—Max Rehdish, premises.
Architect—Not Given.
Contractor—Lincoln U. Grant, 658 3rd Avenue. $1,500

WALL
(1333) SE 17th and MORAGA. Sustaining wall.
Owner and Contractor—Henry Doelger, Builder, Inc., 320 Judah St.
Architect—Not Given. $1,000

FLATS
(1334) E ROSSI AVE. 136 N Public Lane. Two-story frame flats.
Owner & Builder—Ben Liebman, 3319 Fillmore Street.
Architect—R. R. Irvine, 2048 Market Street. $7,500

FLATS
(1335) E ROSSI AVE. 84 N Public Lane. Two-story frame flats.
Owner & Builder—Ben Liebman, 3319 Fillmore Street.
Architect—R. R. Irvine, 2048 Market Street. $7,500

FLATS
(1336) E ROSSI AVE. 161 N Public Lane. Two-story frame flats.
Owner & Builder—Ben Liebman, 3319 Fillmore Street.
Architect—R. R. Irvine, 2048 Market Street. $7,500

FLATS
(1337) E ROSSI AVE. 178 N Public Lane. Two-story frame flats.
Owner & Builder—Ben Liebman, 3319 Fillmore Street.
Architect—R. R. Irvine, 2048 Market Street. $7,500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
994	Manha	Joaquin	2500
995	Williams	Kaufenberg	82345
996	Gruner	Walstrom	5000
997	Cassidy	McClung	3850
998	Krause	Rodning	3052
999	General	Owner	3000
1000	Camp	Owner	4400
1001	Herrick	Stead	1000
1002	Schluter	Coats	4500
1003	Johnson	Owner	4000
1004	McBride	Owner	1200
1005	Santa	Owner	20000
1006	Chevrolet	Owner	7000
1007	Farmers	Maurer	8500
1008	Owens	Owner	47000
1009	General	Owner	8800
1010	California	Petersen	3000
1011	Preitkis	Jensen	4250
1012	Jackson	Owner	3500
1013	General	Owner	2000
1014	Special	Owner	3000
1015	Meagher	Brodrick	8770
1016	Davies	Dawe	6000
1017	Lewis	Jensen	6000
1018	Owens	Owner	545000
1019	Peters	Waldman	4500
1020	Lincoln	Lincoln	7000
1021	Holoway	Johanson	5000

DWELLING
(994) W 87th AVE. 42 S Holly St., **OAKLAND.** One - story 4 - room dwelling.
Owner—John Manha, 1314 60th Ave., Oakland.
Architect—Not Given.
Contractor—M. Joaquin, 124 Harlan St., San Leandro. $2500
Also 1-story garage, $280.

MARKET
(995) SE COR. BROADWAY AND Moss Ave., **OAKLAND.** One-story 14-room concrete market.
Owner—Andrew Williams Stores, Inc. Moss Ave. and Broadway, Oakland.
Architect—E. T. Foulkes, 357 12th St. Oakland.
Contractor—Victor A. Kaufenberg, 80 East 5th St., Pittsburg. $82,345

DWELLING
(996) E FRUITVALE AVE. 300 N Tiffin Road, **OAKLAND.** One-story 5-room dwelling.
Owner—C. L. Gruner.
Architect—Not Given.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland. $5,000

DWELLING
(997) 721 CRESTON ROAD, **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner—E. E. Cassidy, 1416 Grant St. Berkeley.
Architect—E. L. Snyder, Berkeley.
Contractor—McClung & Stevens, 2443 Webster, Berkeley. $3850

DWELLING
(998) NO. 3968 FOREST HILL AVE., **OAKLAND.** One-story 5 - room dwelling.
Owner—P. S. Krause, 530 12th St., Oakland.
Architect—Not Given.
Contractor—R. O. Rodning, 430 Foothill Blvd., Oakland. $3052

SHED
(999) PIER AND FERRY STREET, Parr Terminal, **OAKLAND.** One-story steel shed.
Owner—General Petroleum Co., Prem.
Architect—Not Given. $3000

DWELLING
(1000) NO. 3844 HIGH STREET, **OAKLAND.** One-story six-room dwelling.
Owner—E. F. Camp, 3822 Redding St., Oakland.
Architect—Not Given. $4400

ALTERATIONS
(1001) NO. 3301 LAKESHORE AVE., **OAKLAND.** Alterations.
Owner—S. S. Herrick.
Architect—Not Given.
Contractor—F. A. Stead, 3206 Boise St., Oakland.
Architect—Not Given. $1000

DWELLING
(1002) NO. 5609 AMY DRIVE., **OAKLAND.** One - story five - room dwelling.
Owner—Paul Schluter, 92 Linda Ave., Piedmont.
Architect—Not Given.
Contractor — Philip L. Coats, 2837 Foothill Blvd., Oakland. $4500

DWELLING
(1003) NO. 33 EL CARMELO CIRL., **OAKLAND.** One-story six-room dwelling.
Owner — O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given. $4000

ADDITIONS
(1004) NO. 47 ALVARADO ROAD, **BERKELEY.** Additions.
Owner—G. McBride, Premises.
Architect—Not Given. $1200

ADDITION
(1005) NO. 1175 FIFTY - SEVENTH Ave., **OAKLAND.** Addition to cannery.
Owner — Santa Cruz Fruit Packing Co., 1175 57th Ave., Oakland.
Architect—Not Given. $20,000

ALTERATIONS
(1006) NO. 10800 E-FOURTEENTH St., **OAKLAND.** Alterations.
Owner—Chevrolet Motor Co., Prem.
Architect—Not Given. $7000

ALTERATIONS
(1007) NO. 1228 FRANKLIN STREET **OAKLAND.** Alterations.
Owner—Farmers & Merchants Savings Bank, Premises.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor—Geo. J. Maurer, 50 York Drive., Piedmont $8500

SHOP BLDG.
(1008) N ALAMEDA AVE. 300 E Fruitvale Ave., **OAKLAND.** One-story brick and concrete shop building.
Owner—Owens-Illinois Pacific Coast Co., 1855 Folsom St., San Francisco.
Architect—Not Given. $47,000

ADDITION
(1009) PIER & FERRY STS., Parr Terminal, **OAKLAND.** Two-story office addition.
Owner — General Petroleum Corp., Premises.
Architect—Not Given. $8800

ADDITION
(1010) NO. 989 FORTY-FIRST ST., **OAKLAND.** Add to brick laundry
Owner—California Linen Supply Co., Premises.
Architect—Not Given.
Contractor—J. B. Petersen, 4021 Agua Vista Ave., Oakland. $3000

DWELLING
(1011) NO. 2620 BEAL AVE., **OAKLAND.** One-story 6-room dwelling
Owner — John G. Preitkis, 1907 87th Ave., Oakland.
Architect—Not Given.
Contractor — Harry K. Jensen, 1446 Broadway, Oakland. $4250

DWELLING
(1012) NO. 2426 108TH AVENUE, **OAKLAND.** One-story five-room dwelling and one-story garage.
Owner—C. O. Jackson, 1272 105th Ave. Oakland.
Architect—Not Given. $3500

WAREHOUSE
(1013) NO. 3416 BEACH STREET, **OAKLAND.** One-story warehouse.
Owner—General Mill & Lumber Co., 1600 34th St., Oakland.
Architect—Not Given. $2000

SIGN
(1014) NO. 3416 BEACH STREET, **OAKLAND.** Roof sign.
Owner — Special Site Sign Co., 3225 Louise St., Oakland.
Architect—Not Given. $3000

DWELLING
(1015) NO. 580 GRIZZLY PEAK, **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner—R. J. Meagher, 1841 Spruce St., Berkeley.
Architect—Not Given.
Contractor—W. L. Brodrick, 640 Arlington Ave., Berkeley. $8770

DWELLING
(1016) NO. 410 KENTUCKY STREET **BERKELEY.** Two-story 7-room dwelling and garage.
Owner—C. E. Davies, 449 Coventry Road, Berkeley.
Architect—W. C. See, 1047 Monterey St., Berkeley.
Contractor—Leslie C. Dawe, 449 Coventry St., Berkeley. $6000

ADDITIONS
(1017) NO. 55 OAKVALE AVENUE, **BERKELEY.** Additions.
Owner—Mr. Lewis, Premises.
Architect—Not Given.
Contractor—Jensen & Pedersen, 3443 Adeline St., Berkeley.

FACTORY
(1018) N ALMEDA AVE 300 E Fruitvale Ave., **OAKLAND.** Two-story concrete glass factory.
Owner—Owens-Illinois Pacific Coast Co., 1855 Folsom St., San Francisco.
Architect—Kaj Theill, 580 Market St., San Francisco. $545,000

DWELLING
(1019) 2625 BEAL AVE., OAKLAND. One-story 6-room dwelling.
Owner—John Peters.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $4500

DWELLING
(1020) 1809 LEIMERT BLVD., OAKLAND. Two-story 7-room dwelling.
Owner—H. Lincoln, 1307 Stannage Ave., Berkeley.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—H. Lincoln & Sons Co., 1296 San Pablo Ave., Berkeley. $7,000

DWELLING
(1021) 6215 BUENA VENTURA, OAKLAND. Three-story 6-room dwelling.
Owner—Albert F. Holoway, 7621 Foothill Blvd., Oakland.
Architect—Not Given.
Contractor—K. A. Johanson, 2057 High St., Oakland. $5,000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
64	Theatco	Johnson	8811
65	Kramer	Rosen	4250
66	Barry	Radelfinger	5926

THEATRE
(64) WEST PORTAL & VINCENTE St. General work on West Portal Theatre.
Owner—Theatco, Inc.
Architect—Samuel Lightner Hyman and A. Appleton, 68 Post Street, San Francisco.
Contractor — J. Harold Johnson, 639 Brannan St., San Francisco.
Filed June 26, '36. Dated June 23, '36.
On 5th and 20th of each month 75%
Usual 35 days 25%
TOTAL COST, $8811
Bond, $8811. Surety, Hartford Accident & Indemnity Co. Limit, Aug. 26, 1936. Forfeit, none. Plans and specifications filed.

FLATS
(65) W DANVERS ST. 86 N Caselli Ave. All work for two-story flats.
Owner—Elsie J. Kramer.
Architect—Not Given.
Contractor — S. Rosen, 6 Fountain St., San Francisco.
Filed June 29, '36. Dated June 11, '36.
Foundation in $850
Carpenter work and roof done 850
Work completed 850
Completion papers filed 850
Usual 35 days 850
TOTAL COST, $4250
Bond, limit, forfeit, plans and specifications, none.

ELECTRICAL WORK
(66) VAN NESS AVE. So. and 13th St. Electrical work for Class C building.
Owner—The James H. Barry Co., 1122 Mission Street.
Structural Engineer—Jesse Rosenwald 525 Market St.
Contractor—Radelfinger Bros. 544 Natoma Street.
Filed, June 30, '36. Dated June 29, '36
On Completion 75%
Usual 35 days 25%
TOTAL COST, $5,926
Bond, $5,926. Sureties, U. S. Guarantee Co. Plans and Spec. filed.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
84	Hastings	Parker	39818
85	Farmers	Maurer	8500
86	Magher	Broderick	8770

ALTERATIONS
(84) NO. 1530 BROADWAY, Oakland. All work for alterations to building.
Owner—Hastings Clothing Co., Prem.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor — K. E. Parker Co., 125 South Park, San Francisco.
Filed June 24, '36. Dated June 23, '36.
Progressive payments of 5% until 90% paid
Usual 35 days 10%
TOTAL COST, $39,818
Bond, none. Limit, Aug. 10, 1936. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(85) THIRTEENTH & FRANKLIN Sts., Oakland. All work for alterations and additions to building
Owner—Farmers & Merchants Bank, Premises.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmond.
Filed June 24, '36. Dated June 23, '36.
On 15th of each month 75%
Usual 35 days Balance
TOTAL COST, $8500
Bond, $8500. Surety, Maryland Casualty Co. Limit, Sept. 15, 1936. Forfeit, none. Plans and specifications filed.

DWELLING
(86) LOT 41 BLK 14, North Cragmont, Berkeley. All work for 2-story 6-room frame dwelling and garage.
Owner—R. J. and Alma N. Meagher, 1841 Spruce St., Berkeley.
Architect—Not Given.
Contractor—W. F. Broderick, 640 The Arlington, Berkeley.
Filed June 26, '36:. Dated June 23, '36.
Frame up $2192.50
2nd coat plastering 2192.50
When completed 2192.50
36 days after 2192.50
TOTAL COST, $8770.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO CO. UNDER $1000

ALTER dwelling, $500; 618 Eugenia St.; owner, Pasquale Dellaquila, 614 Eugenia St.

ALTER store, $485; NW Fillmore and Turk Sts.; owner, New England Mutual Life Ins. Co., 544 Market St.; contractor, A. M. Hardy, 736 Clementina St.

BARBER pole, $35; 55 Fifth St.; owner, Hotel Lankershim, Premises; contractor, Deckelman Bros., 48 Turk St.

ALTER dwelling, $875; 64 Mercedes; owner, C. A. Morris, Prem.; contractor, F. Portezzo, 1279 43rd Avenue.

DWELLING, frame, one-story and basement, $900; N 29th St. 50 E Douglas St.; owner, John Livera, 668 29th St.

ALTER restaurant, $350; 1303 Polk St.; owner, Lazar & Theiman, 1303 Polk St.; contractor, Royal Showcase Co., 770 McAllister St.

FLUE, $50; 334 Bush Ct.; owner, R. Tastel, Prem.; contractor, The Montague Co., 1131 Mission St.

ALTER dwelling, $150; 3234 Anza St.; owner, Eric Brink, Premises; contractor, California Terrazzo Co., 2805 San Bruno Ave.

ALTER store, $200; 1679 Church St.; owner, M. O'Neil, Prem.; contractor, Thos. McCormick, 73 Hill St.

SIGN, electric, $200; 836 Divisadero St.; owner, Herb Pastines, Prem.; contractor, American Electric & Neon Sign Co. 1740 Eddy St.

SIGN, electric, $300; 1049 Market St.; owner, Sterling Furniture Co., premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.

GREASING room, 1-story frame, $500; W San Jose S Monterey; owner, C. R. Haley, 95 26th Ave.; owner, Jas. H. McFarland, 710 47th Ave.

ALTER dwelling, $210; 729 Arguello Blvd.; owner, D. Gordon, premises; contractor, D. Seghieri and Co., 35 Cook St.

ALTER dwelling, $485; 1763 Revere Ave.; owner, Mr. Shabot, premises; contractor, J. B. Bourdieu, 2625 20th St.

SIGN, electdic, $100; 3184 Mission St.; owner, Stewart Chevrolet Co., 3184 Mission St.; contractor, QRS Neon Corp., Ltd., 690 Potrero.

ALTER store, $200; 170 Sutter St.; owner, D. C. Heger, 170 Sutter; contractor, Mullen Mfg. Co., 60 Rausch St.

FLUES, $185; S Liebig 450 E San Jose Ave.; owner, M. Kalend, premises contractor, Portal Sheet Metal Works, 301 West Portal.

GARAGE, $250; rear 502-504 Shotwell; owner, Mrs. Louhoo, 1017 Shotwell; contractor, J. B. Bourdieu, 2625 20th St.

SIGN electric, $200; 70 Eddy; owner, Tivoli Club, premises; contractor, QRS Neon Corp., Ltd. 690 Potrero.

SIGN electric, $100; 823 Ulloa; owner, Olympic Sedan Co., premises; contractor, QRS Neon Corp., Ltd., 690

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded

APARTMENTS Cost, $21,000
BURLINGAME, 9121 Town Anita Rd.
Apartment building (10 apts.)
Owner—Mrs. Anita Reed, 12 Park Rd. Burlingame.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

To Be Done By Day's Work.

APARTMENT BLDG. Cost, $9500
SAN FRANCISCO. SW Vienna St. and Twenty-second Avenue.
Two-story frame apartment and store building.
Owner and Builder — Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given.

Bids In—Under Advisement.

APARTMENTS Cost, $——
SAN FRANCISCO.
Three-story frame and stucco apartment building.
Owner—Mr. Gifford.
Architect — Henry H. Gutterson, 526 Powell St.
Announcement will be made shortly.

Low Bidder.

APARTMENTS Cost, $——
SAN FRANCISCO.
Three-story frame and stucco apartment building.
Owner—Mr. Gifford.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Low Bidder—G. P. W. Jensen & Sons, Inc., 320 Market St., S. F.

Planned.

APARTMENTS Cost, $40,000
OAKLAND, Alameda Co., Cal. Palm Ave. and Perkins Street.
Two-story apartment building (5 5-room apts.) steam heat, individual refrigerators, tile baths and kitchens, stall showers, individual entrances; (living room, dining room and kitchen on main floor; two bedrooms on second floor).
Owner—Louis and George Bakar, Petaluma.
Architect—Not Given.
Contractor—Max Bakar, 337 17th St., Oakland.

Plans Being Revised

APARTMENTS Cost, $——
SAN FRANCISCO. Cabrillo St. bet. 25th and 26th Avenues.
Two - story frame and stucco apartment building (four 4-rm. apts.)
Owner and Builder—A. Penziner, 750 Taylor Street.
Architect—E. H. Denke, 1317 Hyde St.

Additional Sub-Contracts Awarded.

APARTMENTS Cost, $125,000
SAN FRANCISCO. South Line Jackson Street 90 W Laguna Street.
Seven-story steel frame and reinforced concrete apartment building (28 4-room apts.) colored tile baths, stall showers, hardwood floors, tar and gravel roof, steam heating plant.
Owner and Builder—A. Penziner, 750 Taylor St., San Francisco.
Architect—E. H. Denke 1317 Hyde St., San Francisco.
Crockery—Progressive Tile & Mantel Co., 1216 Powell St.
Grading—Devincenzi & Haskins, 340 Saint Roses Avenue.
Reinforcing Steel—W. S. Wetenhall Co., 17th and Wisconsin Streets.
As previously reported, structural steel awarded Bethlehem Steel Co., 20th and Illinois Sts.

Bids In—Under Advisement.

APARTMENTS Cost, $——
SAN FRANCISCO. Oak St., between Gough and Franklin Sts.
Four-story Class C concrete and steel frame apartment building (33 2-room apts.) concrete walls, etc.
Owner—Mary L. Curley.
Architect—Sidney A. Colton, 544 Market St., San Francisco.

3— CHURCHES

Contract Awarded.

CHAPEL & TRAINING HOME Cost, $60,000
SARATOGA, Santa Clara Co., Calif. Bollman Road.
Two-story frame chapel and home for religious training (35 rooms and 12 baths) rigid asbestos roof; exterior plaster, steam heat, oak floors.
Owner — Sisters of Notre Dame de Namur.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.
Contractor—John Schirle, 77 Hollywood Ave., San Jose.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded

PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass mfg. plant (brick and insulux glass construction) concrete foundations corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens - Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, vice - president in charge).
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Mgr. of Const.—P. J. Walker Company, Sharon Bldg., San Francisco
Mechanical Engineer—A. R. McLaren, 611 Howard St., San Francisco.
Concrete Work (Bldg. No. 7, Batch Plant)—Barrett & Hilp, 918 Harrison St., San Francisco.
Structural Steel (Entire Job)—Moore Dry Dock Co., foot of Adeline St., Oakland.
Piling — Raymond Concrete Pile Co., 333 Montgomery St., San Francisco.
As previously reported, excavation, filling and grading contract awarded to Heafey-Moore Co., 344 High Street, Oakland, and chimneys to Alphons-Custodis Chimney Const. Co., New York City.

WORKING DRAWINGS COMPLETED

LOS ANGELES, Cal.—Grant & Bruner, 607 Ferguson Bldg., have completed revised working drawings for 82x120 feet enlarged additon to second story of baking plant at 1818 W 62nd St. for Langendorf United Bakeries, Inc. Present first floor offices will be moved to new second floor to provide space for additional shipping facilities, and the rest of the new second floor will be used for flour storage. Other work includes remodeling and enlarging of ingredient department, dough-mixing department, fermentation department, and employees' rest rooms. Flour blending, handling and automatic weighing equipment will be installed by Baker-Perkins Company of Saginaw, Mich. Grant & Bruner will erect the addition, which includes reinforced concrete foundations, structural steel frame, concrete, tile and wood floors, steel sash, composition and tile roof, plastering, painting, plumbing, electric wiring, etc. Cost, $50,000.

Contract Awarded.

ADDITION Cost, $50,000
SHELL POINT, Contra Costa Co.
One-story addition to ammonium filtrate bulk storage building (120x182 ft.) concrete foundations, frame construction joined with metal gusset plates, etc.; composition roof.
Owner—Shell Chemical Co., Pittsburg
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Following sub-contracts have been awarded:
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.
Sheet Metal—J. Tivol.
Reinforcing Steel — Bethlehem Steel Co., 20th and Illinois St., S. F.
Lumber—Redwood Mfg. Co., Hobart Bldg.; and Roth Maier Lumber Co., 2800 Third St., San Francisco.
Painting—J. H. Devert, 912 Harrison St., San Francisco.
Miscellaneous Steel — Fair Mfg. Co., 617 Bryant St., San Francisco.

To Ask Bids Shortly

REFINERY Cost, $2,000,000
YOLO COUNTY, Calif. Two and one-half miles northeast of Woodland.
New sugar refinery (two- and three-story reinf. concrete sugar refinery (20x85-feet) -story reinforced concrete office building (96x61 ft.) conc. wood-lined bins equip with. air-circulating system; two warehouses (60x135 ft.) reinforced concrete foundation, corrugated iron walls, ventilators, power plant.
Owner—Spreckels Sugar Company (C. J. Moroney, Mgr.) 2 Pine St., San Francisco.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Engineering plans by Owner.
Warehouses—J. G. Motroni, Woodland approximately $15,000.
Bids for construction of roads and shop buildings will be asked in about one week.

Contract Awarded.

WAREHOUSE, ETC. Cost, $180,000
TERMINUS, San Joaquin Co., Calif.
One-story frame wharf warehouse (60 by 473 ft.); treated pile and concrete foundations, corrugated sides and roof, new railroad tracks, driveways, pumping plant, sewer plant, etc.
Owner—Western Pacific Railroad Co., Mills Bldg., San Francisco.
Architect—Not Given.
Contractor—A. W. Kitchen & Co., 110

Market St., San Francisco.
Plans by Engineering Dept. of Owner.

Preliminary Plans Being Completed
DISTILLERY Cost, $——
SAUSALITO, Marin Co., Calif.
Alterations to existing buildings and construction of a new group of buildings for whiskey distillery (reinforced concrete filter piles, concrete foundations, terra cotta tile walls, steel frame, copper and wood tanks, scales, cookers etc.)
Owner—American Distillery, Sausalito
Architect—Not Selected.
Plans must be submitted to the Government for final approval.

Sub-Contracts Awarded
PRINTING PLANT Cost, $56,000
SAN FRANCISCO. Van Ness Avenue South and 13th Street.
One-story Class C printing plant with general offices (22,000 sq. ft.) concrete walls, steel frame, mill type roof construction.
Owner—The James H. Barry Co.
Consulting Structural Engineer — J. Rosenwald, 525 Market Street.
Contractor—Cahill Brothers, 206 Sansome Street.
Steel Windows—Detroit Steel Prod., 111 Sutter Street.
Plastering—Pete Bradley, 629 Brannan Street.
Shades and Blinds—D. N. & E. Walter, 562 Mission Street.
Other awards reported June 12 and 18.

Contract Awarded
FACTORY Cost, $50,000
SAN FRANCISCO. Brannan & Langton Streets.
One - story and basement reinforced concrete factory (145x75 feet).
Owner—H. Moffatt Co., Third and Arthur Streets.
Structural Engineer—Jas. Smith, 251 Kearny Street.
Contractor — H. E. Rahlmann, 251 Kearny Street.

Bids Wanted — To Close July 6, 10 A. M.
DRUM CLEANING BLDG. $——
OAKLAND, Alameda Co., Cal. Parr terminal, Oakland Harbor.
One-story steel frame drum cleaning building (40x60 ft.) concrete floors machinery foundations.
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Bids will be taken from a selected list of contractors.
Louis C. Dunn, Inc., 424 Monadnock Bldg., San Francisco, is figuring the plans and desires sub-bids on all portions of the work.

Electrical Contract Awarded
PRINTING PLANT Cost, $56,000
SAN FRANCISCO. Van Ness Avenue South and 13th Street.
One-story Class C printing plant with general offices (22,000 sq. ft.) concrete walls, steel frame, mill type roof construction.
Owner—The James H. Barry Co.
Consulting Structura Engineer—Jesse Rosenwald, 525 Market Street.
Contractor—Cahill Brothers, 206 Sansome Street.
Electrical—Radelfinger Bros., 544 Natoma St., $5,926.

Sub-Contracts Awarded.
STORAGE BLDG. Cost, $30,000
SACRAMENTO, Sacramento Co., Cal.
One-story steel and concrete storage building (80x242 feet) steel sash, corrugated iron roof, metal fire doors, etc.
Owner—Bekin Van & Storage Co.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Structural Engineer—R. J. Fisher.
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.
Plumbing—A. W. Sweet, 112 W. Bassettlaw Ave., North Sacramento.
Electric Wiring—Jack Thomas, 3216 I St., Sacramento.
Sheet Metal—McLaughlin Sheet Metal Works, 1914 I St., Sacramento.
Lumber—Knox Lumber Co., Front and W Sts., Sacramento.
Steel Sash—Soule Co., 1750 Army St., San Francisco.
Concrete—C. R. Fiedler, 2631 30th St., Sacramento.
Reinforcing Steel—Palm Iron Works, 1501 S St., Sacramento.
Structural Steel—Herrick Iron Works, 1729 Campbell St., Oakland.

To Be Done By Day's Work
ADDITION Cost, $20,000
OAKLAND, Alameda Co., Calif. 1175 57th Avenue.
Addition to cannery.
Owner and Builder—Santa Cruz Fruit Packing Co., 1175 57th Ave., Oakland.
Architect—Not Given.

5— FLATS

Sub-Contracts Awarded
FLATS Cost, $20,000
SAN FRANCISCO. N Jackson St. W Broderick Street.
Three-story frame and stucco flats (1 six-room and 1 seven-room flats) 2 baths each; tar and gravel roofing, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Henry T. Howard.
Architect—H. T. Howard, 580 Market Street.
Contractor—Wm. C. Tait, 833 Market Street.
Plastering—Peter Bradley, 639 Brannan Street.
Plumbing—E. Sugarman, 3624 Geary Boulevard.
As previously reported, excavation awarded to Devincenzi Bros. & Co., 150 Collins St.; steel sash and ornamental iron to Michel & Pfeffer Iron Works, Harrison and 10th Sts., and lumber to Smith Lumber Co., 4th and Channel Streets.

July 1, 1936

Plans Being Figured
FLATS Cost, $——
MARTINEZ, Contra Costa Co., Calif.
Two-story frame and stucco flat bldg. (4 rooms, 1 bath each) hardwood floors; gas floor furnaces; composition and shake roof, tile bath and sink, wood sash.
Owner—Joseph B. McCann.
Architect—James Narbett, 462 31st St. Richmond.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $6,000
SANTA ROSA, Sonoma County, Mendocino Ave. and Tenth St.
Service Station, steel frame.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Contractor—John W. Huggard, 915 Rialto Bldg., San Francisco.
Plans—by engineering department of owner.

Planned
ALTERATIONS Cost, $——
MARYSVILLE, Yuba Co., Calif. 4th and I Streets.
Alterations to California garage bldg.
Owner—Marysville Inv. Co., care Lytle-Wilcoxon Co., Marysville.
Architect—Not Given.

Planned.
DEPOT AND GARAGE Cost, $——
STOCKTON, San Joaquin So., Calif. Washington and Sutter Streets.
One-story modernistic bus depot and garage.
Owner—Pacific Greyhound Lines, 201 Pine St., San Francisco.
Architect—Withheld.
Further information will be given shortly.

Bids Wanted — To Close July 6, 10 A. M.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. 90th Ave. and E-14th Street.
Alterations to steel service station.
Owner — General Petroleum Co., 519 19th St., Oakland.
Architect—Not Given.
Plans by Engineering Department of Owner.
Bids will be taken from a selected list of contractors.

Plans Being Completed — Contract Awarded.
SERVICE STATION Cost, $——
SAN FRANCISCO. Pacific and Van Ness Avenues.
One-story steel servicse station.
Owner — Mohawk Petroleum Co., 405 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—M. O. Fisher, 1405 Bush St., San Francisco.
Plans are being completed by Mr. Fisher.

Sub-Contracts Awarded.
GARAGE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 328-330 E-Eighth Street.
One-story Class C garage.
Owner—Heselmeyer & Wolff, 628 E-Tenth St., Oakland.
Architect—Not Given.
Contractor—Daneri & Swafford, 6515 Raymond St., Oakland.
Roofing—Wm. E. West.
Plumbing — Oscar Carlson, 2138 23rd Ave., Oakland.
Electric Wiring—Pacific Motor Co., 3055 E-14th St., Oakland.
Sheet Metal—Bertel Mork, 1606 10th St., Berkeley.
Brick Work — Herschel & Reinecke, 830 E-11th St., Oakland.
Lumber — E. K. Wood Lumber Co., 4701 Santa Fe Ave., Los Angeles.
Concrete—Nat Lena, 1174 19th Ave., Oakland.
Reinforcing Steel—Wm. McGrath, 354 Hobart St., Oakland.

Plans Being Completed.
SERVICE STATION Cost, $——
OAKLAND, Alameda Co., Cal. 7th and Broadway.
One-story steel super service station (100x125 ft.)
Owner—Capital Co., 625 Market St., San Francisco.
Lessee—Mohawk Petroleum Co., 405 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—M. O. Fisher, 1405 Bush St., San Francisco.
Plans are being completed by Mr. Fisher.

Plans Being Prepared.
SERVICE STATION Cost, $7000
LODI, San Joaquin Co., Cal. Elm and School Streets.
One-story steel service station.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.

7— FEDERAL BUILDINGS

BIDS WANTED
COLUSA, Colusa Co., Calif.—Until July 16 site bids will be received by the Custodian of the Colusa post office for a site for the proposed new post office building. An appropriation of $74,000 was authorized for the building at the last session of Congress.

The work inculdes concrete, brick and hollow tile, steel and iron work, tile and built-up roofing, sheet metal work, steel windows, metal and metal covered doors, metal studding, and lathing; plaster and stucco, marble and tile work, carpentry and joinery; metal and wood screens, water distribution and sewage; plumbing, refrigeration and electric work, and bituminous macadam roads.

Plans and specifications may be obtained from above office upon deposit of $30.00.

Bids Wanted — To Close August 4.
POST OFFICE Cost, $137,000
FLAGSTAFF, Arizona.
U. S. Post Office Building three-story and basement, (80x83 feet).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Bids Wanted—To Close July 29
POST OFFICE Cost, $67,000
TRACY, San Joaquin Co., Calif. 12th and East Adams Streets.
United Sates Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
On previous bid opening lowest bid was submitted by K. E. Parker Co., 135 South Park, San Francisco, at $51-492.

Low Bidders
POST OFFICE Cost, $75,000
LOVELOCK, Nevada.
U. S. post office and agricultural bldg.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—R. E. Campbell, 711 Central Bldg., Los Angeles, $79,400.
Second low bid was submitted by Schuler & McDonald, Oakland, at $93,-877.
Complete bids will be given shortly.

BID OPENING POSTPONED
SUMMIT, Canal Zone — Until July 15, 11 A. M. (date postponed from July 2, previously reported), bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for the construction of facilities building, four quarters, refrigeration system in the barracks building and roads and walks at the Naval Radio Station, Summit, C. Z. Estimated cost, $140,000. Spec. No. 7890.

BIDS OPENED
WALLA WALLA, Wash. — MacDonald Bldg. Co., Tacoma, at $9017 submitted the only bid received by the Veterans Administration, Washington, D. C., for constructing corridor, subsistence to laundry buildings at Veterans Administration Facility Walla Walla, Washington. Work includes connections to existing buildings, reinforced concrete frame, brick corridor, walls, carpentry, roofing, sheet metal, glazing, hardware, reconstruction of steam mains, electrical work, etc.

SITE BIDS
FRESNO, Fresno Co., Calif.—Bids will be received July 16 by the Custodian of the Fresno post office on a site for the proposed new Fresno post office and court house. An appropriation of $880,000 was authorized for the building at the last session of Congress.

SITE BIDS
TULARE, Tulare Co., Calif.—Bids will be received July 17 by the Custodian of the Tulare Post Office on a site for the proposed new Tulare post office. An appropriation of $87,000 was authorized for the building at the last session of Congress.

Bids Wanted—To Close July 30, 1 P. M.
POST OFFICE Cost, $425,000
NOME, Alaska.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office. No deposit repuired.
NOTE: Bid opening extended from July 20, previously reported.

Contract Awarded
POST OFFICE Contract Price, $58,313
SANTA MARIA, Santa Barbara Co., Cal. Lincoln and Cypress Streets.
Post office, 1- and part 1½-story California - Spanish style; basement and mezzanine (64x72-ft.) loading platform in rear; tile and composition roofing, cast stone stairs, terrazzo floors, vault, lavatory facilities, oil burning unit, heating system, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—L. F. Dow, 1243 25th St., Santa Monica.

BIDS WANTED
SEATTLE, Wash.—Until July 15, bids will be received by the Treasury Department, Public Works Branch, Washington, D. C., for repainting and waterproofing the exterior wall surfaces of the Federal Office Building, Seattle.
Specifications obtainable from above office.

AWARDS APPROVED
SANTA BARBARA, Cal. — Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office, Santa Barbara. Sarver & Zoss, 1015 W. 4th St., Los Angeles, general contractor.
R. C. wire, Anaconda Wire & Cable Co.; flush switches, Bryant Electric Co.; feeder panels, Bulldog Electric Products Co., equipped with General Electric Co. thermal circuit breakers.

AWARDS APPROVED
SAN RAFAEL, Marin Co., Cal.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at San Rafael. Leo Epps, 4745 Geary Blvd., San Francisco, general contractor.
Main switch, Trumbull Elec. Mfg. Co., flush switches, Pass & Seymour; electric oil heater, Wells Mfg. Co.

AWARDS APPROVED
REDDING, Shasta Co., Cal.—Treasury Department approved the following award for the construction of the U. S. Post Office at Redding. Dinwiddie constr. Co., 210 Crocker Bldg., San Francisco, general contractor.
Interior lighting fixtures, Perfectile Company.

BID OPENING POSTPONED
SAN PEDRO, Los Angeles Co., Cal. —Until July 13, 1 P. M., date postponed from June 30 (previously reported) bids will be received by the Procurement Division Public Works Branch, Washington D. C., for furnishing and installing one freight elevator in the new jail building to be erected at Reservation Point, San Pedro.
Plans and specifications may be obtained from above office and at the office of the District Engineer, W. A. Newman, 232 Federal Office Bldg., San Francisco.
No deposit required for one set of plans and specifications.

LOW BIDDER
HAYWARD, Alameda Co., Cal.—Mutual Metal Mfg., Chicago, at $451 submitted low bid to the Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing interior lighting fixtures in the U. S. Post Office at Hayward.
Tristate Electric Co., Memphis, Tenn., at $480 submitted second low bid.

Contract Awarded.
POST OFFICE Cont. Price, $86,000
WATSONVILLE, Santa Cruz Co., Cal
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C
Contractor — Carl N. Swenson, 355 Stockton Ave., San Jose.

Bids Rejected
POST OFFICE Cost, $67,000
TRACY, San Joaquin Co., Cal. 12th and East Adams Streets.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low bid was submitted by K. E. Parker Co., 135 South Park, San Francisco, at $51,492.

CONTRACT AWARDED
FORT CLAYTON, C. Z.—Morey & Luttrell, Cristobal, C. Z., at $282,350 awarded contract by the Department Quartermaster, Panama Canal Dept., Quarry Heights, C. Z., for construction of two barracks to accommodate 150 men each, together with all necessary utilities, namely: roads and pavements; curbs and gutters; sidewalks; sanitary sewer system, storm drainage system; water distribution and fire protection system and electrical distribution and street lighting systems at Fort Clayton, C. Z.

BIDS WANTED
ALHAMBRA, Los Angeles Co., Cal. —Until July 15, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, for furnishing insect screens in the U. S. post office at Alhambra.
Specifications obtaiable from the Custodian or from the above office.

LOW BIDDER
SAN FRANCISCO, Cal.—Kewaunee Mfg. Co., Kewaunee, Wisconsin, at $31,990 submitted low bid to the Procurement Division, Public Works Branch, Washington, D. C., for furnishing laboratory furniture and equipment to the U. S. Federal Office Bldg., San Francisco.

8— CLUB BUILDINGS

Preliminary Plans Completed
LODGE BLDG. Cost, $50,000
VALLEJO, Solano Co., Calif. Georgia and Sonoma Streets.
Two - story and basement reinforced concrete club building.
Owner—Vallejo Lodge of Elks.
Architect—Dodge Riedy, 821 Market St., San Francisco.

9— HOSPITALS

Bids Wanted — To Close July 28, 2 P. M.
ADDITION Cost, $——
CAMARILLO, Ventura Co., Cal. State Hospital.
Addition of Units 10 and 11 at State Hospital (two-story ward building, 6 wards, 200 beds; and one-story hospital building, one dormitory and 1- 2- and 4-bed rooms, 30 rooms) reinforced concrete construction.
Owner—State of California.
Architect—George B. McDougall, State

Architect, Public Works Building, Sacramento.
Plans and specifications obtainable from the above office upon deposit of $25.

Sketches Being Prepared.
HOSPITAL Cost, $——
MERCED, Merced Co., Calif.
Two-story Class C hospital addition.
Owner—Mercy Hospital, Merced.
Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.

BOND ELECTION
OLIVE VIEW, Los Angeles County, Calif.—A bond issue for $1,815,000 to match PWA funds for a new hospital building to be built at Olive View Sanitarium will be resubmitted to Los Angeles County voters on Nov. 3. A similar proposal was defeated at an election held May 5. Total cost of the building would be over $3,000,000. Preliminary plans have been prepared by the Los Angeles county mechanical department.

TO ASK BIDS
SAWTELLE, Los Angeles Co., Cal.—Veterans' Administration will probably call for bids within a few days for the first unit of a building program for the Veterans' Administration at Sawtelle. Included in the program is a 150-bed acute unit for the neuropsychiatric hospital, a 350-bed addition to the main hospital, a 50-bed domiciliary building for females, landscaping, cemetery improvements and demolition of old wood frame buildings on the site.

Bids Wanted—To Close July 14, 2 P. M.
NURSES' HOME AND KITCHEN Cost, $20,500
SPRINGVILLE, Tulare Co., Cal. Tulare-Kings Counties Joint Tubercular Sanitarium.
Frame and stucco nurses' home and frame and stucco kitchen.
Architect—Ernest Kump, Rowell Bldg. Fresno.
Bids will be opened by N. C. Wolff, corresponding secretary, Tulare-Kings Counties Joint Tuberculosis Hospital Committee, Court House, Visalia.
Plans and specifications obtainable from the architect.

10— HOTELS

Planned
ALTERATIONS Cost, $——
MARYSVILLE, Yuba Co., Calif. 4th and I Streets.
Remodeling, renovating and refurnishing Motor Inn Tavern (150 rooms, dining room, club room, etc.)
Owner—Marysville Inv. Co., care Lytle-Wilcoxon Co., Marysville.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $36,000
SACRAMENTO, Sacramento Co., Cal. Twelfth and L Streets.
Remodeling dining room and kitchen and adding new room.
Owner—Senator Hotel.
Architect—Not Given.
Contractor—Lindgren and Swinerton, Inc., 619 H St., Sacramento.
Contract awarded on a cost plus basis; estimated cost, $36,000.

12— POWER PLANTS

CONTRACTS AWARDED
ALCATRAZ, Cal.—Contracts for alterations and additions to the power plant at the U. S. Penitentiary, Alcatraz Island, under Spec. No. 843, Schedule 1164, have been awarded by the Department of Justice, Washington, D. C., as follows:
(1) Removal of 3 old boilers and brick work;
(2) Installation of two new boilers;
(3) Brick setting for two new boilers and resetting one old boiler;
(4) Soot blowers for two new boilers;
(5) Draft regulators;
(6) Feed water regulators and pump governors;
(7) Piping;
(8) Meters;
(9) Boiler feed pump.
Walter S. Leland, Walnut Creek: Items 1, 2, 3, 7, and 9, $30,622.
Hays Corp., Michigan City, Ind.; Item 5, $1,568.
Bailey Meter Co., Cleveland, Ohio: Item 8 $2,585.
Atlas Valve Co., Newark, N. J.: Item 6, $330.
Logan Soot Blower Co., Dubois, Pa. Item 4, $1,145.
Complete bids published June 22.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

LOW BIDDER
FRESNO, Calif.—Rucker Fuller Co., 539 Market St., San Francisco, at $29,924 submitted low bid to the Fresno County Board of Supervisors for furniture and fixtures for the new Hall of Records Building.

BIDS OPENED
SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at $429.00 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 4234, for installation of masonite flooring at the Park Branch Library, Page and Cole Streets.
D. E. Crawley, at $434.58 submitted the only other bid.

14— RESIDENCES

Sub-Contracts Awarded.
RESIDENCE Cost, $20,000
PALO ALTO, Santa Clara Co., Calif. Southwood Drive.
Two-story frame and stucco residence
Owner—H. E. Rueler, 573 Center St., Palo Alto.
Architect — Leslie Nichols, 532 Emerson St., Palo Alto.
Contractor—E. J. Schmaling, 863 Malville Ave., Palo Alto.
Contractor—E. J. Schmaling, 863 Melville Ave., Pal Alto.
Plumbing—Lee & Sharp, 611 Emerson St., Palo Alto.
Electric Wiring—Erskine Electric Co., Middleton Road and Fifth St., Redwood City.
Heating—Stanford Sheet Metal Wks., 815 High St., Palo Alto.
Sheet Metal—C. Spangler, 624 Emerson St., Palo Alto.
Glass—Pacific Mfg. Co., Santa Clara.
Iron Grille Work — Allied Art Guild, Box 338, Menlo Park.
Brick and Stone Work—Walker Bros., 950 Noble Ave., Menlo Park.
Lathing and Plastering—R. Albertson, 407 Cowper Ave., Palo Alto.
Lumber — Merner Lumber Co., 795 State Highway, Palo Alto.
Mill Work — Pacific Mfg. Co., Santa Clara.
Painting — A. Anderson & Son, 231 Cowper Ave., Palo Alto.
Flooring—A. Backlund, 311 Emerson Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $7000
HOLLISTER, San Benito Co., Calif.
Two-story frame and stucco residence (6 rooms and 2 baths); tile roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Wihtheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—Chas. B. Younger, 810 Washington St., Hollister.

Contract Awarded
STORE Cost, $8,400
SAN MATEO, San Mateo Co., Lot 12, Block 9, N.W. 25th and El Camino.
Store building.
Owner—Renhardt-Frommer.
Architect—Not given.
Contractor—B. Geo. Van Aalst, 401 W. Portal Ave., S. F.

Contract Awarded
RESIDENCE Cost, $6,000
FRESNO, Fresno Co., Calif. 2941 Van Ness Avenue.
Residence and garage.
Owner—N. Swanson, Madison Street, Fresno.
Architect—Not Given.
Contractor—Roy Martin, 149 N. Calaveras St., Fresno.

Contract Awarded
RESIDENCE Cost, $5,600
SAN MATEO, San Mateo Co., Calif. Lot 18 Block 7, Avilla.
Residence.
Owner—Logan B. Gosnell, 715 Highland Ave., San Mateo.
Architect—Not Given.
Contractor — Peninsula Builders, 1150 Burlingame Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $10,174
WALNUT CREEK, Contra Costa Co.
Residence (eight rooms).
Owner—Mrs. Luela Eltel, Berkeley.
Architect—Not Given.
Contractor — George Swanstrom, 1615 78th Ave., Oakland.

July 1, 1936
Sub-Contracts Awarded.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. No. 435 Santa Rita Avenue.
Two-story frame, stucco and brick veneer residence.
Owner—J. N. Blair, 1550 Waverly St., Palo Alto.
Architect — Leslie Nichols, 532 Emerson St., Palo Alto.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.
Plumbing—Lee & Sharp, 611 Emerson St., Palo Alto.
Electric Wiring—Erskine Electric Co. Middleton Rd. and 5th St., Redwood City.
Heating and Sheet Metal — Spangler Sheet Metal Works, 624 Emerson St., Palo Alto.
Tile Work—Art Tile Co.
Glass—Pacific Mfg. Co., Santa Clara.
Brick and Stone Work—Walker Bros., 950 Noble Ave., Menlo Park.
Lathing and Plastering — Rogers & Jones.
Lumber—McElroy-Chelm Lumber Co., Vista Ave., and El Camino Real.
Mill Work — Pacific Mfg. Co., Santa Clara.
Hardware—Palo Alto Hardware Co., 278 University Ave., Palo Alto.
Painting — A. Anderson & Son, 231 Cowper St., Palo Alto.
Flooring—A. Backlund, 311 Emerson St., Palo Alto.
Reinforcing Steel—Palo Alto Hardware Co., 278 University Ave., Palo Alto.

Owner Taking Sub-Bids.
RESIDENCE Cost, $5000
SAN FRANCISCO. San Juan St. and Cayuga Avenue.
One-story frame and stucco French residence (5 rooms and 1 bath); tile bath, shingle, tile and composition roofing, hardwood floors, gas heat, wood sash, plaster walls, fireplace.
Owner and Builder—A. DeBenedetti & Son, 100 Brazil Ave., San Francisco.
Architect—D. E. Jackle, 126 Post St., San Francisco.

Sub-Contracts Awarded.
ALTERATIONS Cost, $21,700
PALO ALTO, Santa Clara Co., Calif. No. 504 Salvatierra Street.
Alterations and additions to fraternity house.
Owner—Delta Upsilon Assn., Palo Alto
Architect — Leslie I. Nichols, 532 Emerson St., Palo Alto.
Contractor—E. J. Schmaling, 963 Melville Ave., Palo Alto.
Plumbing—Lee & Sharp, 611 Emerson St., Palo Alto.
Electric Wiring — Stanford Electric Works, 224 University Ave., Palo Alto.
Heating and Sheet Metal — Spangler Sheet Metal Works, 624 Emerson St., Palo Alto.
Tile Work—E. J. Pilling, 843 Channing Ave., Palo Alto.
Glass—Pacific Mfg. Co., Santa Clara.
Iron Grille Work—Allied Art Guild, Box 338, Menlo Park.
Lathing & Plastering—Ira T. Bridges 654 Oberlin Ave., Palo Alto.
Lumber—McElroy-Chelm Lumber Co., Vista Ave. and El Camino Real, Palo Alto.
Mill Work — Pacific Mfg. Co., Santa Clara.
Painting—W. Reilly & Co., 943 Webster St., Palo Alto.
Structural Steel — Dyer Bros. Golden West Iron Works, 1950 17th St., San Francisco.

Bids Opened
RESIDENCE Cost, $——
SAN FRANCISCO. Sanchez Street.
Three-story frame and stucco residence (6 rooms and 1 bath, powder room, 2 separate lavatories, etc.) Spanish style, hand - made terra cotta tile roof, hot air heating system, canvas walls, steel and wood sash, Philippine mahogany trim, plank flooring, fireplace in social hall and bar, solarium on roof, tile stall showers, etc.
Owner—T. A. White.
Architect—Oscar R. Thayer, 110 Sutter Street.
Low Bidder—G. M. Hantzsche, 455 32d Avenue, $9,760.
Complete bids follow:

G. M. Hantzsche	$ 9,760
Ed Zinkand & Son	10,928
Oliver M. Rousseau	11,900
Hannah & Wooldridge	12,200

All bidders of San Francisco.
The bids of M. A. Little Co. and H. Papenhausen were not submitted before the required closing date and were not considered.
Bids held under advisement.

Plans Being Completed
RESIDENCE Cost, $4,500
CROCKETT, Contra Costa Co., Cal.
One-story frame and wood residence (5 rooms, 1 bath) tile bath and sink; hardwood floors; central heating plant, shake roof.
Owner—Withheld.
Architect—Jas. Narbett, 462 31st St., Richmond.
Bids will be asked about July 3.

Plans Being Completed
RESIDENCE Cost, $——
MARTINEZ, Contra Costa Co., Calif.
1½-story 3-family frame and stucco dwelling (4 rooms, 1 bath each) tile and composition roof; hardwood floors, floor furnaces, wood sash, tile bath and sink.
Owner—Mr. Meinick.
Architect—Jas. Narbett, 462 31st St., Richmond.
Bids will be asked about July 3.

Plans Being Completed
RESIDENCE Cost, $4,200
CROCKETT, Contra Costa Co., Calif.
One-story frame and stucco residence (5 rooms, 1 bath) tile and composition roof, hardwood floors, floor furnaces, tile bath and sink.
Owner—Withheld.
Architect—Jas. Narbett, 462 31st St., Richmond.
Bids will be asked about July 3.

Contract Awarded.
RESIDENCE Cost, $——
SAN FRANCISCO. Monterey Heights.
Two-story frame and stucco residence (6 rooms and 2 baths) hardwood floors, gas heating, tile roof.
Owner—Anglo California National Bk. Co., 1 Sansome St., San Francisco.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Contractor—Paul A. Wolter Jr., 201 Yerba Buena Ave., San Francisco.

Plans Being Prepared — Contract Awarded.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Calif. Oakmore Highlands.
Two-story residence, (6 rooms, 1 bath and lavatory) wood siding, shake roof, hardwood floors, gas heating, fire place, tile bathroom floor.
Owner—C. R. Taynton.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Contractor—Withheld.

Contract Awarded
RESIDENCE Cost, $6,500
BURLINGAME, San Mateo Co., Cal. 111 Park, 4 Walnut Avenue.
Residence.
Owner—H. H. Harphan, 1528 Floribunda Ave., Burlingame.
Architect—Not Given.
Contractor—Gordon Hess, 1268 Cortez Ave., Burlingame.

Sub-Bids Being Taken.
RESIDENCES Cost, $5000 each
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two one and one-half-story residences (5 rooms and 1 bath each) wood sash, brick fireplaces, shake roofs, hardwood floors, tile baths.
Owner and Builder—Standard Building Co., 20th Ave. and Judah St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $2300 to $2500
RICHMOND, Contra Costa Co., Calif. Pullman Park Tract.
Twenty residences (4 rooms and dinette; 5 and 6 rooms) tile bathroom floors, floor furnaces, hardwood floors, mostly composition roofing, rustic, stucco, Monterey, Spanish and English Types.
Owner and Builder—H. E. Russell, 509 Macdonald Ave., Richmond.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
BERKELEY, Alameda Co., Calif. 410 Kentucky.
Two-story frame residence and garage (seven rooms).
Owner—C. E. Davies, 449 Coventry Rd., Berkeley.
Architect—W. C. Lee, 1047 Monterey, Berkeley.
Contractor—Leslie C. Dawe, 449 Coventry Road, Berkeley.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 46th Avenue 225 S Geary St.
One-story and basement frame residence.
Owner—Robt. F. Schaezlein, % contractor.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—W. C. Akard, 225 Cervantes Boulevard.

Bids Wanted—To Close July 15
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Calif. 5339 Trask Street.
Two - story and basement frame and stucco residence (10 rooms and 4 baths) tile roof, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. A. Lyle Winslow, % architects.
Architect—Hertzka and Knowles, 369 Pine St., San Francisco.
Bids will be taken from a selected list of contractors.

Sub-Contracts Awarded
RESIDENCE Cost, $18,000
SAN MATEO, San Mateo Co., Calif. 58 Chesterway.
Two - story and basement frame and stucco residence.
Owner—Felton Elkins.
Architect—Fred L. Confer, 3149 Claremont Ave., Oakland.
Contractor—Lloyd C. Simpson, P. O. Box 331, Burlingame.
Plumbing—Harry Lee, 220 California Drive, Burlingame.
Lumber—San Mateo Planing Mill, 5th and Claremont, San Mateo.

Low Bidder.
RESIDENCE Cost, $10,000
KENT, Marin Co., Calif.
Two-story stone and timber residence and double garage (seven rooms, three baths, maid's room, 2 sleeping porches, hardwood floors, fireproof shingle roof, etc.)
Owner—A. Pinther, Corte Madera.
Architect—W. E. Baumberger, 65 Wellington Ave., San Anselmo.
Low Bidder—William Martin, 666 Mission St., San Francisco.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 46th Ave. 250 S Geary Street.
One - story and basement frame residence.
Owner—E. H. McManus, % contractor
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—W. C. Akard, 225 Cervantes Boulevard.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISO. W 46th Ave. 175 S Geary Street.
One - story and basement frame residence.
Owner—Gustave Moeller, Jr., % contractor.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—W. C. Akard, 225 Cervantes Boulevard.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 46th Ave. 150 S Geary Street.
One - story and basement frame residence.
Owner—Clarence P. Thompson, care contractor.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—W. C. Akard, 225 Cervantes Boulevard.

Contract Awarded
RESIDENCE Cost, $2,995
OAKLAND, Alameda Co., Cal. East Oakland District.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—G. H. Stover, 8730 Foothill Blvd., Oakland.
Architect—Earl MacDonald, 3812 Broadway, Oakland.
Contractor — Acme Const. Co., 9528 Foothill Blvd., Oakland.

Contract Awarded.
RESIDENCE Cont. Price, $8921
BAYWOOD, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas heat, system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—R. A. White, 744 Crossway Road, Burlingame.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN FRANCISCO. E 22nd Avenue 80 N Eucalyptus.
One - story and basement frame residence.
Owner and Builder—Jas. Arnott, 633 Taraval Street.
Architect—Chas. Strothoff, 2175 15th Street.

CONTRACT AWARDED
HAMILTON FIELD, Marin Co., Cal. —Underground Const. Co., 6 Alvarado Road, Berkeley, at $2,775 awarded the contract by Constructing Quartermaster, Fort Mason, under Bid No. W 6616-36-35, for installing a night lighting system at Hamilton Field.

Contract Awarded
RESIDENCES Cost, $9,355
HILLSBOROUGH, San Mateo Co. Cal. Bromfield Road.
Two frame residences and garages.
Owner — Anthony W. Median, et al, Burlingame.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland.

Bids In—Under Advisement.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. Hilldale Avenue.
Two-story frame and rustic residence (6 rooms and 2 baths) shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Lloyd Bradley.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Construction Started.
RESIDENCES Cost, $6000 each
SACRAMENTO, Sacramento Co., Cal. So. Sacramento (Riverland Tract).
Four two-story frame and stucco residences (6 rooms, 2 baths each) California - Colonial type; shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner and Builder—River Land Park Realey Co., Sacramento.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Bids In—Under Advisement.
RESIDENCE Cost, $8500
BERKELEY, Alameda Co., Cal. Keeler Avenue.
Two-story frame, stucco and brick veneer residence, (7 rooms) shake roof, steel sash, hardwood floors, tile baths, etc.
Owner—F. W. Hiatt.
Architect—Edwin L. Synder, 2101 Addison St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $5000
SAN LEANDRO, Alameda Co., Calif.
One-story and basement frame, brick veneer and stucco residence (five rooms) shake roof, gas warm air heating system, tile wainscot, oak floors, etc.
Owner—Mr. Hope.
Architect—Miller & Wernecke, Financial Center Bldg., Oakland.
Contractor — Albert A. Haskell, 255 Ridgeway Ave., Oakand.

Contract Awarded.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co.
Two-story frame and stucco residence
Owner—John J. Baldwin.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco

Low Bidder.
RESIDENCE Cost, $14,000
STOCKTON, San Joaquin Co., Calif. Oxford Manor.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, gas heating system, air conditioning system, steel sash, hardwood floors, tile baths, tile wainscot, etc.
Owner—Withheld.
Architect — Joseph Losekann, 1218 W. Harding St., Stockton.
Low Bidder—H. W. Johnson, 1229 W. Magnolia St., Stockton.

Contract Awarded.
ALTERATIONS Cost, $2000
PALO ALTO, Santa Clara Co., Calif. SW El Camino Real and Broadway
Alterations to residence (medical offices, etc.)
Owner—Dr. H. Wade Macomber, Palo Alto.
Architect—James Mitchell, 369 Pine St., San Francisco.
Contractor—Tom Gesso, 1201 Vancouver Ave., Burlingame.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal College Tract.
Two-story frame and stucco residence
Owner—V. Hauser. 443 33rd St., Sacramento.
Architect—Not Given.
Contractor—Holdener Constr. Co., 2608 R St., Sacramento.
Plumbing—Leonard U. Plummer, 1019 J St., Sacramento.
Electric Wiring—Carl Vining, 2909 G St., Sacramento.
Heating and Sheet Metal—McLaughlin Sheet Metal Works, 1914 I St., Sacramento.
Tile Work—H. P. Fischer Tile & Marble Co., 1215 J St., Sacramento.
Brick Work — W. J. Clifford, 2815 S. St., Sacramento.
Lumber and Millwork—Sierra Mill & Lumber Co., 2nd and V Sts., Sacramento.
Steel Sash—Irwin Wagner Specialty Co., 2900 M St., Sacramento.
Painting—C. V. Brown, 2216 L St., Sacramento.

Preparing Working Drawings.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two-story frame and stucco Early California Type residence (12 rooms, 6 bedrooms and 5 baths) wood roof, hardwood floors, plaster walls, gas hot air heating system, fire places, tile baths.
Owner—Marlow Gates.
Architect—W. W. Wurster, 260 California St., San Francsico.
Bids will be taken about July 15.

Working Drawings Being Completed.
RESIDENCE Cost, $5000
SAN FRANCISCO. San Juan St. and Cayuga Avenue.
One-story frame and stucco French residence (5 rooms and 1 bath); tile bath, shingle, tile and composition roofing, hardwood floors, gas heat, wood sash, plaster walls, fireplace.
Owner—A. DeBenedetti.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Bids will be taken about June 30.

Plans Being Completed.
RESIDENCES Cost, $5000 each
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two one and one-half-story residences (5 rooms and 1 bath each) wood sash, brick fireplaces, shake roofs, hardwood floors, tile baths.
Owner and Builder—Standard Building Co., 20th Ave. and Judah St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCES Cost, $5000 each
MILL VALLEY, Marin Co., Calif.
Three one-story residences (4 rooms and 1 bath each) tile bath and and kitchen; hardwood floors, gas hot air heat, basement plant, fireplaces, shake roof.
Owner—Mr. Rabino.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Leibert & Trobock, 409 Albert Bldg., San Rafael.

Contract Awarded.
ALTERATIONS Cost, $8500
OAKLAND, Alameda Co., Cal. Thirteenth and Franklin Streets.
Alterations and additions to bank building.
Owner—Farmers & Merchants Bank, Premises.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont.

Contract Awarded
RESIDENCE Cost, $12,000
SAN MATEO, San Mateo Couty. Lot 20, Block 17, Howard.
Residence.
Owner—A. F. Evans.
Architect—Not given.
Contractor—Henry Voelker, 805 Winchester, Burlingame.

RESIDENCE Cost, $8770
BERKELEY, Alameda Co., Cal. Lot 41 Blk 14.
Two-story frame residence and garage (six rooms).
Owner—R. J. and Alma N. Meagher, 1841 Spruce St., Berkeley.
Architect—Not Given.
Contractor—W. F. Brodrick, 640 The Arlington, Berkeley.

Sub-Bids Being Taken.
RESIDENCE Cost, $15,000
GRASS VALLEY, Nevada Co., Calif.
Two-story and basement frame and brick veneer residence (7 rooms, 3 baths) composition shingle roofing, gas heating system, steel sash, hardwood floors, tile baths; 3-car garage.
Owner—A. B. Snyder, Brockington Ct. Grass Valley.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Sub-bids are being taken by the owner on mechanical, heating, plastering, painting, etc.
(9297) 1st rep. April 2; 2d, June 19.

SURVEY BEING MADE
PALM SPRINGS, Riverside County, Cal.—Desert Highlands, Inc., composed of John J. Raskob, Doctor Frank Chandler of Mentone, and Raymond Cree of Riverside, are having a survey made of utility companies of a 2500-acre tract located in Garnet, 12 miles north of Palm Springs, for the installation of underground electric facilities. It is proposed subdiving the property next season into large estates for the erection of single residences. Mr. Raskob also plans the construction of a large residence for himself on the acreage.

BIDS WANTED

TERRA BELLA, Tulare Co., Cal.—Until July 7, 10:30 A. M., bids will be received by the Board of Directors of the Terra Bella Irrigation District, E. H. Robinson, Secretary, for construction of a residence at District Station No. 4.

Plans and specifications obtainable from the above office upon deposit of $2.50

Contract Awarded.

RESIDENCE Cost, $12,637
PALO ALTO, Santa Clara Co., Calif.
723 Cooksey Lane, Stanford University.
Alterations to fraternity house.
Owner—Phi Kappa Phi Bldg. Association, Stanford.
Architect—Leslie I. Nichols, 532 Emerson St., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Bids Rejected.

RESIDENCE Cost, $——
LAFAYETTE, Contra Costa Co., Cal.
Two-story adobe residence (8 rooms and 3 baths) probably composition roofing, oil burning heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Mr. McAllister.
Architect—B. Reede Hardiman, 2068 Allston, Berkeley.

Low Bidder.

RESIDENCE Cost, $——
LOS GATOS, Santa Clara Co., Calif.
Two-story frame and stucco residence (six rooms); tile roof, gas heating system, hardwood floors, etc.
Owner—Fred Ochler, American Trust Co., San Jose.
Architect—Binder & Curtis, 25 W. San Carlos St., San Jose.
Low Bidder—J. C. Monk, 45 Tait Ave., Los Gatos, $9997.

Plans Being Completed — Contract Awarded.

RESIDENCE Cost, $6000
ALAMEDA, Alameda Co., Calif.
One-story frame and stucco residence (5 rooms and 1 bath) hardwood floors, gas heat, wood sash, tile & composition roofing, tile bath.
Owner—Mr. and Mrs. Carter.
Architect—Donnell E. Jaekle, 126 Post St., San Francisco.
Contractor—A. W. Morris, 95 Pinehurst St., San Francisco.

15— SCHOOLS

Additional Sub-Contracts Awarded

SCHOOL Cont. Price, $94,342
SAN MATEO, San Mateo Co., Calif.
One - story frame and stucco school and auditorium (5 classrooms and auditorium to seat 500).
Owner—St. Matthews Catholic School 900 S. El Camino Real, San Mateo
Architect—H. A. Minton, 525 Market Street, San Francisco
Contractor—James L. McLaughlin, 251 Kearny St., San Francisco
Heating and Ventilating—Arthur Tyo, 201 S. Boulevard, San Mateo, $8.-439.00.
Plumbing—J. W. Forsythe, 521 South Humboldt St., San Mateo, $5,593.
Window Fixtures—Dalmo Sales Corp., 511 Harrison St., San Francisco.
Finish Hardware—E. M. Hundley, 662 Mission St., San Francisco.
Reinforcing Steel—Bethlehem Steel Co., 20th and Illinois Streets, San Francisco.

CONTRACT AWARDED

LOS ANGELES, Cal.—C. L. Wurster, 902 East 59th St., awarded contract by Los Angeles Board of Education at $37,070 (price based on a main bid of $41,930, less deduction of $4860 under Alt. 2 as explained below) for a one-story auditorium at Miramonte School, 1400 East 68th Street. Building will be of reinforced concrete construction, 47x109 ft.; tile roofing, wood sash, cement, wood and linoleum floors, stage, kitchen, toilets, tile and marble work steam heating extensions, etc. Plans prepared by Architect Carleton M. Winslow, 1001 Architects' Bldg., Structural Engineer Blake E. Beatty, 401 Architects' Bldg., and C. A. Sanborn & Co., mechanical engineers, 357 S. Hill St.

Contract Awarded

SCHOOL Contract Price, $29,131.50
COLUMBIA, Tuolumne Co., Calif.
One - story reinforced concrete grammar school (3 classrooms and auditorium to seat 300).
Owner — Columbia Grammar School District.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—H. H. Henning, 1751 Berkeley Ave., Stockton.
Complete bids follow:
(1) Work complete;
(2) Work omitting auditorium.

H. H. Henning, Stockton..	(1)	$44,580.00
	(2)	29,131.50
B. A. Howkins, S. F.	(1)	47,949.00
	(2)	32,649.00
Geo. Maurer, Piedmont	(1)	47,996.00
	(2)	31,946.00

CONTRACT AWARDED

SAN FRANCISCO, Cal.—American Building Maintenance Co., 467 O'Farrell St., at $1,278 awarded contract by the Department of Public Works, City Hall, under Spec. 4200 for exterior painting of Lowell High School.

Complete bids published June 25.

Architects Commissioned To Prepare Plans.

SCHOOL Cost, $360,000
PALO ALTO, Santa Clara Co., Calif.
Middlefield Road and Santa Arita.
Two-story reinforced concrete junior high school to accommodate 1,000; administrative office, 27 classrooms boys' and girls' gymnasium, auditorium to seat 1,000; cafeteria to accommodate 600, and library.
Owner—Palo Alto School District.
Architect—Birge M. & David B. Clark 310 University Ave., Palo Alto.

Bid Opening Postponed to July 7, 8 P. M.

GYM, SHOP, ETC. Cost, $50,000
COVELO, Mendocino Co., Calif.
One - story gymnasium building, one-story shop building and small auditorium (frame and stucco construction).
Owner—Round Valley High School District.
Architect—C. A. Caulkins, Rosenberg Bldg., Santa Rosa.

Plans and specifications may be obtained from the architect upon deposit of $25.

NOTE: Date of opening bids postponed from June 30, previously reported.

Award Recommended

ADDITION Cost, $——
CENTERVILLE, Alameda Co., Calif.
Addition to High School (add visual education room and agricultural room to main building and enlarge shop building).
Owner—Washington Un. High School District (H. F. Harrold, Clerk).
Architect—Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Low Bidder — Carl N. Swenson, 355 Stockton Ave., San Jose, $12,460.
P. Freitas, at $13,127 submitted the only other bid.
Award recommended to low bidder subject to approval of the district attorney.

Bids Wanted—To Close July 8, 7:30 P. M.

TOILET BUILDING Cost, $4,000
PAJARO, Monterey Co., Calif.
One-story frame toilet bldg. at grammar school.
Owner—Pajaro Grammar School Dist.
Architect—Chas. Butner, 51 Maple St., Salinas.

Plans and specifications obtainable from the architect upon deposit of $10.

BIDS WANTED

FALLON, Nev.—Until July 6, 7:30 p.m., bids will be received by the Board of Trustees of Consolidated B School District, Annie B. Nichols, Clerk, for furnishing and installing four oil-burning heating stoves in the old High School building. Each unit to be capable of heating approximately 12,000 cu.ft. of air space.

Specifications obtainable from the above office.

CONTRACT AWARDED

SAN FRANCISCO, Cal.—American Building Maintenance Co., 467 O'Farrell St., at $2,426 awarded contract by the Department of Public Works, City Hall, under Spec. No. 4198, for interior painting of Fairmount School, Randall & Chenery Sts.

CONTRACT AWARDED

COALINGA, Fresno County—A. P. May, Inc., Coalinga, at $1,750 submitted only bid received and awarded contract by the Coalinga Elementary School District for furnishing and installing one complete gas furnace for the elementary school in Coalinga.

Sub-Contracts Awarded

COLLEGE BLDG. Cont. Price, $38,804
SANTA ROSA, Sonoma County, Cal.
Santa Rosa Junior College campus.
On-story Class B frame and brick veneer domestic science and commercial building (fourth unit) flat tile roof.
Owner — Santa Rosa Junior College District (Floyd Bailey, President) Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Louis C. Dunn, 424 Monadnock Bldg., San Francisco.
Plumbing and Heating—George Mitchell, 513 3rd St., Santa Rosa.
Sheet Metal—Gust Malm, 610 Second St., Santa Rosa.
Glass—W. P. Fuller & Co., 301 Mission St., S. F.
Brick Work—White & Gloor, Monadnock Bldg., S. F.
Lathing and Plastering—Charles Terranova, 1212 Willard St., S. F.
Lumber—Sterling Lumber Co., 3rd & Ettie, Oakland.
Mill Work — Pacific Mfg. Co., 454 Montgomery St., San Francisco.
Painting — Lee Dixon Painting Co., Ltd., 18 Eureka St., S. F.
Reinforcing Steel—Concrete Engineering Co., 1280 Indiana St., S. F.

BIDS WANTED

ALAMEDA, Alameda Co., Cal.—Until July 14, 10 A. M., bids will be received by the Alameda High School District Board of Education, Wm. G Paden, Secretary, Administration Building, Oak St. and Alameda Ave., for furnishing and delivering furnace castings to replace broken and unserviceable castings in the furnaces of Haight and Washingon School furnaces.

Specifications obtainable from the above office.

BONDS VOTED

HUENEME, Ventura Co., Calif.—School District recently approved issuing bonds in the sum of $40,000, the proceeds to be used for construction of three additional classrooms at the Hueneme school.

BIDS OPENED

HIGH SCHOOL & GYM, Cost, $615,000
SACRAMENTO, Sacramento Co., Cal. West Freeport Blvd., bet. Bidwell Way and Sixth Avenue.
One- and two-story main building of senior high school (steel trusses, concrete floors, wood roof with tile and composition roofing, interior wood partitions with metal lath and plaster; one-story reinf. concrete gymnasium (steel trusses, columns and beams, locker rooms, shower and dressing rooms, offices, toilets and storage rooms.)
Owner—Sacramento City High School District.
Architect—Starks & Flanders, 310 Bank of America Bldg., Sacramento.
Low Bidder—K. E. Parker Co., 135 So. Park St., San Francisco, general work on main building, $563,900; general work on gymnasium, Holdener Construction Co., 2608 R St., Sacramento, $103,510.
Complete bids follow:
(I) Main building
(a) concrete per c.y.
(b) excavation per c.y.
(1) ded for music dept.;
(2) ded for cafeteria;
(3) ded for mechanical drawing room;
(4) ded for main entrance to lobby;
(5) ded for radio;
(6) ded for yard and walks;
(7) ded for yard fence;
(8) ded for combined award with gym;

(A) K. E. Parker Co., San Francisco	(I)	$563,900
	(a)	13
	(b)	2
	(1)	19,400
	(2)	25,400
	(3)	13,700
	(4)	690
	(5)	2,300
	(6)	13,000
	(7)	3,750
	(8)	.....
(B) Campbell Construction Co., Sacramento	(I)	$605,986
	(a)	20
	(b)	1.50
	(1)	19,800
	(2)	28,200
	(3)	14,000
	(4)	750
	(5)	2,500
	(6)	30,000
	(7)	3,700
	(8)	4,000
(C) MacDonald & Kahn Co., Ltd., S. F.	(I)	$659,956
	(a)	30
	(b)	1.50
	(1)	21,500
	(2)	27,800
	(3)	14,500
	(4)	.....
	(5)	2,000
	(6)	14,000
	(7)	3,700
	(8)	12,000

Complete bids for Gymnasium follow:
(I) General work on Gymnasium;
(a) concrete per c.y.
(b) excavation per c.y.
(1) add for Bleachers;
(2) add for lockers;
(3) ded. for gym floor;
(4) ded for Rooms 1 and 2;
(5) add for venetian blinds;
(6) ded for tile work;
(7) ded for omitting corridor;
(8) ded for plaster;

(A) Holdener Construction Co., Sacramento	(I)	$103,510
	(a)	20.
	(b)	.75
	(1)	2,249
	(2)	4,533
	(3)	1,069
	(4)	4,899
	(4)	359
	(6)	1,170
	(7)	1,447
	(8)	425
(B) Campbell Constr. Co., Sacramento	I)	$105,737
	(a)	20.
	(b)	1.50
	(1)	2,000
	(2)	4,400
	(3)	500
	(4)	5,000
	(5)	300
	(6)	1,150
	(7)	2,650
	(8)	400
(C) H. W. Robertson, Sacramento	(1)	$114,814
	(a)	20
	(b)	1
	(1)	2,500
	(2)	4,500
	(3)	500
	(4)	5,250
	(5)	325
	(6)	1,000
	(7)	2,800
	(8)	400
(D) Petersen & Steinbrenner, Sacramento	(I)	$114,933
	(a)	32.
	(b)	1.50
	(1)	1,971
	(2)	4,345
	(3)	400
	(4)	3,856
	(5)	357.70
	(6)	1,237
	(7)	1,637
	(8)	270
(E) C. J. Hopkinson, Sacramento	(I)	$122,000
	(a)	12.50
	(b)	1.00
	(1)	2,500
	(2)	4,500
	(3)	750
	(4)	4,500
	(5)	300
	(6)	800
	(7)	2,000
	(8)	400
(F) MacDonald & Kahn Co., Ltd., S. F.	(I)	$128,000
	(a)	30
	(b)	1.50
	(1)	2,090
	(2)	3,950
	(3)	1,520
	(4)	2,800
	(5)	600
	(6)	1,500
	(7)	3,000
	(8)	200

Following bids received for Cafeteria Equipment:

Mangrum Holbrook Co., 1235 Mission St., S. F.	$5,468.30
Dohrmann Hotel Supply Co., San Francisco	6,188.20

Following bids received for Stage Rigging:

General Seating Co., S. F.	$4,222.00
Fred E. Turner, S. F.	7,440.00

Bids were referred to architect for recommendation.

BIDS WANTED

PLACENTIA, Orange Co., Calif.—Until July 13, 4:30 P. M., bids will be received by the Placentia School District for a one-story auditorium and classroom building at Bradford Ave. school in Placentia, a PWA project. The building will be of frame construction, 60x90 feet in area; stucco exterior, composition roofing, metal and wood sash, wood floors, steel roof trusses, etc. Auditorium portion will have seating accommodations for 1,000 persons. Cost estimated at $48,000. Plans and specifications may be obtained from the architect, T. C. Kistner, 814 Architects' Bldg., Los Angeles, upon deposit of $5.

CONTRACT AWARDED

BEVERLY HILLS, Los Angeles Co., Cal.—J. K. Thomas, 700 Kress Bldg., Long Beach, awarded contract by Beverly Hills board of education at $279,210 (single shift basis) for complete rehabilitation and strengthening of the Beverly Hills high school plant. Work will include gunite, reinforced concrete, structural steel, tile work, plastering, acoustical treatment etc. Plans prepared by Architects E. C. Taylor and E. W. Taylor, 803 W. 3rd St., Los Angeles, and Structural Engineer Paul Jeffers, Architects' Bldg., Los Angeles. Morgan, Walls & Clements, consulting architects.

LOW BIDDER

LOS ANGELES, Calif. — California Gunite Consar. Co., 1006 N. Sycamore Ave., submitted low bid to Los Angeles board of education at $45,455, for reconstruction, strengthening and rehabilitation of the main brick bldg. at Griffin Avenue school, 2025 Griffin Ave. Work will consist of strengthening the existing 2-story brick walls, installing bracing, structural and reinforcing steel, steel sash, sheet metal, metal lath and plaster, heating and ventilating systems, painting, etc. The plans were prepared by Architect L. A. Parker, 804 Architects' Building.

Bids Opened.

SCHOOL Cost, $80,000
TAFT, Kern Co., Cal. Lincoln School Site.
Reinforced concrete domestic science and music building at Lincoln School site (tile roof, cement and wood floors, steel sash, etc.)
Owner—Kern County Grammar School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Low bidders follow:
General—Trewhitt-Shields & Fisher, 1501 Pacific Southwest Building, Fresno, $47,995.
Plumbing—J. E. Pettijohn & Co., 1115-1117 Golden State Highway, Delano, $1250.
Heating and Ventilating—J. E. Pettijohn Co., Delano, $5175.
Electric Work—Garrett Electric Co., Taft, $4432.
Complete bids follow:

General

Trewhitt-Shields & Fisher, Fresno,	$47,995.
Opperman & Kampe, Bakersfield,	$51,370.
Williams & Greenough, Bakersfield,	$53,150.

Plumbing

J. E. Pettijohn	$1250
F. W. Peck, Taft	1365

Heating and Ventilating

J. E. Pettijohn, Delano	$5175
Wm. McKenney, Bakersfield	5974
W. M. Fisher, Bakersfield	6291
F. W. Peck, Taft	6455

Electric Work

Garratt Electric Co., Taft	$4432
F. H. Carter	4450

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES, Cal.—R. W. Hampton Co., 4112 Goodwin Ave., Los Angeles, at $6,990 awarded contract by the Board of Regents of the University of California for completion of excavation at the bowl at University of California at Los Angeles.

CONTRACT AWARDED

SAN FRANCISCO, Cal.—Lee Dixon Painting Co., 18 Eureka St., at $6,984 awarded contract by the Department of Public Works, City Hall, for interior and exterior painting of the Galileo High School, under Spec. No. 4199.

BIDS WANTED

TAFT, Kern Co., Cal.—Until July 9, 7 P. M., bids will be received by the Taft Union High School District for the construction of a reinforced concrete wall and exterior & interior painting of auditorium at Taft High School

Contract Awarded.
ADDITION Cont. Price, $12,797
TULARE, Tulare Co., Calif.
One-story concrete addition to Central Grammar School (add science and music room).
Owner — Tulare Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Harris Constr. Co., 577 McKinley Ave., Fresno.
Complete bids follow:
Harris Constr. Co., Fresno.....$12,797
Graham & Dormandy, Delano.... 12,900
Midstate Constr. Co., Fresno.... 12,973
R. P. Moore, Fresno..... 13,990

BIDS OPENED
SAN FRANCISCO—Harry A. Cohen at $2100 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 4242, for outfitting one room of the Denman School, Pierce St., as a cooking laboratory.
Frank J. Reilly, at $2481 submitted the only other bid.

16—BANKS, STORES AND OFFICES

Planned
OFFICE BLDG. Cost, $8,800
OAKLAND, Alameda Co., Cal. Outer Harbor, Old Parr Terminal.
Two-story frame office building, stucco covered (37x45-ft.)
Owner — General Petroleum Co., 519 19th St., Oakland.
Architect—Not Given.

Preparing Preliminary Plans.
OFFICE BLDG. Cost, $75,000
SANTA CRUZ, Santa Cruz Co., Calif. Upper Pacific Avenue.
Two-story reinforced concrete office building (50x130 ft.)
Owner—Coast Counties Gas & Electric Co., Santa Cruz.
Architect—Alben Froberg, 1955 Webster St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $5000
SAN FRANCISCO. SW Sacramento and Montgomery Streets.
Alterations to store building.
Owner — Lurie Co., 333 Montgomery St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—Paul K. Jones, 1272 18th Ave., San Francisco.

Bids In—Under Advisement.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 500 Montgomery Street.
General work for alterations to District Attorney's offices (7th and 8th floors).
Owner—Capital Co., 625 Market St.
Plans by Construction Dept. of Owner

Bid Opening Postponed Until July 6, 1:00 P. M.
ALTERATIONS Cost, $——
SAN FRANCISCO. Kearny and Sutter Streets.
Alterations and additions to ten-story building (work involves painting, plastering, decorating, carpentry, etc.)
Owner—Sherman Clay & Co. (Dwight F. McCormack, Vice President & General Manager).
Architect — William Wilson Wurster, 260 California St., San Francisco.
Consulting Interior Designers — Parrish & Co., New York City.
Bids will be taken from a selected list of contractors.

Bids In—Under Advisement.
ALTERATIONS Cost, $25,000
VALLEJO, Solano County, Calif. No. 309 Georgia Street.
Alterations to store building.
Owner—Farnham Estate.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Lessee — Levee's Department Store, Vallejo.

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BIDS OPENED
SAN FRANCISCO.—Dickson & Holbrook, 2180 Dwight Way, Berkeley, at $1,698 submitted low bid to the Division of Architecture, Sacramento, for heating and ventilating system in the State Compensation Insurance Fund office in the State Bldg., San Francisco.
Other bids were:
Empire Heating Company.....$1,794
Ace Sheet Metal Works..... 1,814

Contract Awarded
STORE Cost, $12,500
SAN FRANCISCO, N. Pine, 78 W. Stockton.
One-story Class B Store building.
Owner—Lewis M. Norton, Russ Bldg.
Architect—H. C. Baumann, 251 Kearny St.
Contractor—Louis Cohen, Russ Bldg.
Engineer—Jas. M. Smith, 251 Kearny.

Contract Awarded
STORE Cost, $5,500
FRESNO, Fresno Co., Cal. 1241 Blackstone Street.
Store Building.
Owner—Conners.
Architect—Not Given.
Contractor—J. R. Church, 221 U St., Fresno.

Bids Wanted—To Close June 1, 12 M.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 500 Montgomery Street.
General work for alterations to the District Attorney's Offices (7th & 8th floors.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Constr. Dept. of Owner.
Moore & Roberts, 693 Market St., are figuring the plans and desire sub-bids on all portions of the work.

Bids In—Under Advisement.
ABBATOIR Cost, $——
SOUTH SAN FRANCISCO, San Mateo Co., Cal. Evans and Mandell Streets.
Class B abbatoir (175x61 feet) reinforced concrete and structural steel construction.
Owner—South San Francisco Packing & Provision Co.
Engineer—James Smith, 251 Kearny St., San Francisco.
Announcement will be made shortly.

Contract Awarded
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Calif. 2270 Telegraph Avenue.
Alterations and additions to store.
Owner—Roos Bros., Inc.
Architect—Albert R. Williams, Humboldt Bank Bldg., San Francisco.
Contractor—Mullen Manufacturing Co. 64 Rausch St., San Francisco.

Contemplated
STORE Cost, $——
SANTA CRUZ, Santa Cruz Co., Cal. Pacific Avenue.
Six-stall drive-in market bldg. (Mission type).
Owner—Harry B. Leslie, Santa Cruz.
Architect—Not Given.

Plans Being Prepared
REMODELING Cost, $——
STOCKTON, San Joaquin Co., Calif.
Alterations to bakery building for offices, laboratory, etc.
Owner—Withheld.
Architect—Jos. Losekann, 1218 West Harding Way, Stockton.

Plans Being Prepared
ALTERATIONS Cost, $20,000
SAN JOSE, Santa Clara Co., Calif. North First Street.
Remodeling and altering Rucker Bldg. (Add 4 stores and one loft).
Owner—Phelan Estate, Phelan Bldg., San Francisco.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Bids will be asked in about 3 weeks.

Plans Being Completed.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. No. 110 Market Street.
Alterations to ground floor of building for store (soda fountain, etc.)
Owner—Weinstein Co., 1041 Market St., San Francisco.
Architect—Not Given.
Bids will be taken from a selected list of contractors.

Contract Awarded.
STORE Cont. Price, $8500
SAN CARLOS, San Mateo Co., Calif. San Carlos Ave., bet. El Camino and Laurel Streets.
One-story Spanish type reinforced concrete store building (50x70 ft.) two stores; felt and tile roof.
Owner—Jesse N. Davis, 768 Elm St., San Carlos.
Plans by George Kirstner, San Carlos.
Contractor — Mooney & MacDonald, 1464 Burlingame Ave., Burlingame

Plans Being Prepared.
REMODELING Cost, $——
STOCKTON, San Joaquin Co., Calif.
Alterations to bakery building, remodeling second floor to provide offices, rest room, lavatory, etc.
Owner—Withheld.
Architect — Jos Losekann, 1218 West Harding Way, Stockton.

Contract Awarded
ALTERATIONS Cost, $8,500
OAKLAND, Alameda Co., Calif. 1228 Franklin Street.
Alterations to bank building.
Owner—Farmers & Merchants Savings Bank, 1228 Franklin St., Oakland.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO. SW Polk and California Streets.
Alterations to candy store.
Owner—Blum's, Polk and California.
Architect—Bliss & Fairweather, Balboa Building.
Contractor—H. Meinberger, 956 Folsom Street.

17— THEATRES

Contract Awarded.
ALTERATIONS Cost, $8811
SAN FRANCISCO. West Portal and Vicente Street.
Alterations to West Portal Theatre.
Owner—Theatco, Inc.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—J. Harold Johnson, 639 Brannan St., San Francisco.

Plans Completed
ALTERATIONS Cost, $9,500
SAN FRANCISCO. Richmond District.
Alterations to theatre building.
Owner—Withheld.
Architect—F. F. Amandes, 1879 18th Avenue.

Plans Being Completed
THEATRE Cost, $——
JACKSON, Amador County, Calif.
Two-story theatre building (theatre to seat 700 and two stores on ground floor; 4 offices on second floor) reinforced conc. construction; Class C; gravel roof; wood sash; Summerbell trusses; (50x130-ft.) heating and ventilating system.
Owner—Pam & Pierovich.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Bids will be taken from a selected list of contractors.

CONTRACT AWARDED
PHOENIX, Ariz. — Del E. Webb Construction Co., 1633 W. Jefferson St., Phoenix, awarded contract for remedeling the Strand theatre at 106 W. Washington Blvd., Phoenix, for Paramount Pictures, Inc. The seating capacity will be increased to 850 persons, the lobby will be enlarged and an air conditioning system installed. Cost $35,000.

18— WHARVES & DOCKS

BIDS WANTED
SAN FRANCISCO, Cal.—Until July 9, 2 p.m., bids will be received by the State Board of Harbor Commissioners, Frank G. White, Chief Engineer, Room 19, Ferry Bldg., for reconstructing the wharf on the south side of Channel St., between 5th and 6th streets.
Specifications obtainable at Room 18, Ferry Bldg., upon deposit of $10.
Complete list of quantities of materials involved will be published short-

CONTRACT AWARDED
GOVERNMENT ISLAND, Cal.—Duncanson - Harrelson Co., deYoung Bldg., San Francisco, at $500 awarded contract by U. S. District Engineer Office, San Francisco, for removing the existing wharf located in front of the Government reservation on Government Island, Oakland Harbor.

CONTRACT AWARDED
OAKLAND, Calif.—Healy - Tibbitts Const. Co., 64 Pine St., San Francisco, at $89,623 awarded contract by the Oakland Port Commission for construction of an extension to the Ninth Ave Pier (506x42-ft.) timber apron wharf, including fender system, trestle with asphaltic concrete pavement, asphaltic pavement on pier extension, piping, valves, shipside railroad tracks etc.

19—MISC. CONSTRUCTION

CONTRACT AWARDED
TUOLUMNE COUNTY, Cal.—Hetch Hetchy Power Division at $8454.86 awarded contract by the Public Utilities Commission, San Francisco, for constructing the Early Intake Camp buildings, Contract H. H. W. S. 159.

BIDS WANTED
SAN DIEGO, Cal.—Until July 7, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, Foot of Broadway, San Diego, under Spec. No. 8190, for painting fuel oil pier at the Naval Operating Base (Fuel Depot), San Diego.
The work will consist of the cleaning and the painting of the structural steel work of the existing station pier, including the approach thereto. The pier is approximately 50 feet wide by 350 feet long and the approach is approximately 36 feet wide and 550 feet long.
Plans and specifications obtainable from the above office upon deposit of

Bids Wanted—To Close July 13, 11 A. M.
DINING ROOM Cost, $——
SANTA CLARA COUNTY, Cal. Milpitas Road, County Almshouse.
Reinforced concrete dining room (30x 90-ft.) tile roof, steam heat, composition floors, steel sash.
Owner—Santa Clara County.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Bids will be received by the County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose.
Plans and specifications obtainable from the architect.

BIDS WANTED
FRESNO COUNTY, Cal.—Until July 10, 10 A. M., bids will be received by the Fresno County Board of Supervisors, E. Dusenberry, Clerk, Court House, Fresno, for electrical wiring at the Fresno County Fairgrounds.
Plans and specifications obtainable from the above office.

BIDS WANTED
SAN FRANCISCO—Until July 10, 3 P. M., bids will be received by U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-36-42, for furnishing all labor, materials, fittings, equipment, tools, power, lubricants etc. for dry-docking, painting and repairing the U. S. Seagoing Hopper Dredge "Culebra; f.o.b. San Francisco.
Specifications obtainable at above office.

20—MISC. SUPPLIES AND MATERIALS

CONTRACTS AWARDED
OAKLAND, Alameda Co., Cal.—Contracts for furnishing materials for the fiscal year have been awarded by the Oakland City Council, as follows:
Class E Concrete—Rhodes & Kennedy, Inc., 101 4th St., Oakland.
Emulsified Premix Resurfacing—Heafey-Moore Co., 344 High St., Oakland.
Emulsified Road Oil—America Bitumuls Co., 4525 San Leanrdo St., Oakland.

BIDS REJECTED
BERKELEY, Alameda Co., Calif.—The City Council has rejected all bids received for furnishing natural rock asphalt and emulsified asphalt and instructed the City Manager to purchase the materials in the open market.

CONTRACT AWARDED
BERKELEY, Alameda Co., Calif.—Commercial Fixture Co., 55 Morris St. San Francisco, at $2,234 awarded contract by the Berkeley City Council for furnishing library furniture for the new North Berkeley Branch Libary, The Alameda and Hopkins Street.

CONTRACT AWARDED
OAKLAND, Cal.—Contracts for furnishing miscellaneous supplies for use during the fiscal year have been awarded by the Oakland City Council, as follows:
Fuel Oil—Union Oil Co.: $1.25 per bbl. delivered at plant; $1.37 per bbl. delivered at auditorium.
Corrugated Iron Pipe—California Corrugated Culvert Co.
Concrete Mix (Class A, B, C, and D)—Transit Concrete, Ltd.
Bituminous Pavement Repairs—Ransome Co.
Stone—Stone chips, screenings, birdseye screenings, second grade rock, in Districts 3 and 4; and quarry waste for entire city; Heafy Moore Co.
Stone—Stone chips, screenings, birdseye screenings, second grade rock, in Districts 1 and 2; Hutchinson Co.
Portland Cement—Melrose Bldg. Material Co.
Emulsified Asphalt — Mixing grade: American Bitumuls Co.; $0.064375 per gal.
Vitrified Clay Pipe and Fittings—N. Clark & Sons.

All bids were rejected for natural rock asphalt, street brooms, 50-60 road oil; kerosene; shovels; expansion joint filler; dry concrete mix; coal; sand; castings and street lanterns, and the materials will be purchased in the open market.

BIDS OPENED
BERKELEY, Cal.—Commercial Fixture Co., 55 Morris St., San Francisco, at $2,234 submitted low bid to Berkeley City Council for furnishing library furniture for the new North Berkeley branch library, The Alameda and Hopkins Street.
(1) 90-in. rectangular adult tables;
(2) 60-in. do.
(3) Rectangular juvenile tables;
(4) 48-in. round juvenile tables;
(5) 60-in. round juvenile tables;
(6) Adult chairs;
(7) Juvenile chairs;
(8) Fireside bench;
(9) Charging desks.
Total bids follow:
(A) Commercial Fixture Co., $2,234.
(B) Remington-Rand Co., $2,329.20.
(C) Rucker Fuller Co., $2362.80.
(D) Gaylord Bros. (partial bid) $2,-384.45.
Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$89.50	$77.64	$94.75	$85.00
(2)	74.50	67.26	79.75	80.00
(3)	89.50	77.64	94.75	85.00
(4)	67.50	77.45	79.75	70.00
(5)	79.00	94.24	94.75	75.00
(6)	7.75	8.75	5.95	8.50
(7)	7.75	8.75	5.42	8.50
(8)	53.00	83.59	54.00	.....
(9)	710.00	761.75	875.00	778.45

BIDS OPENED
OAKLAND, Calif. — Bids for furnishing 78,000 ft. of cast iron water pipe under Spec. No. L. S. 179, were opened by the East Bay Municipal Utility District, Oakland, June 24.
Bids were taken as follows:
(1) 25,000 l.f. 4-in. diam.
(2) 30,000 l.f. 6-in. diam.
(3) 15,000 l.f. 8-in. diam.
(4) 7,000 l.f. 10-in. diam.
(5) 1,500 l.f. 16-in. diam.
Complete bids follow:
American Cast Iron Pipe Co.: (1) no bid; (2) $18,900; (3, 4 and 5) no bids.
U. S. Pipe & Foundry: (1) $10,750; (2) $19,200; (3) $15,750 (4) $9,940; (5) $4,050; total, $59,690.
Pacific States Cast Iron Pipe Co.: (1) $11,000; (2) $19,800; (3, 4 and 5) no bids.
Bids held under advisement.

BIDS OPENED
OAKLAND, Calif.—Bids for furnishing 3950 concrete meter boxes and 2750 extra concrete covers under Spec. No. L. S. 178, were opened by the East Bay Municipal Utility District, Oakland, June 24.
Bids were taken as follows:
(1) 3,500 Type 1 boxes with covers;
(2) 2,000 extra covers, rectangular;
(3) 750 extra covers, oval;
(4) 300 type 5 boxes, with covers;
(5) 150 type 6 boxes, with covers.
Complete bids follow:
Art Concrete Works, 24th and Adeline Sts.—(1) $3,465; (2) $1,000; (3) no bid; (4) $525; (5) $675; total $5,675.
Forni Mfg. Co., 1379 62d St.: (1) $3,290; (2) no bid; (3) $375; (4) $195; (5) $627.50; total, $4,797.50.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CANAL ZONE

CANAL ZONE.—Until July 6, 10:30 A. M., bids will be received by Office of the General Purchasing Officer, The Panama Canal, Washington, D. C., for furnishing motor drive, armature-slot insulation folder, tube expanders, water gauges, pipe taps, diestocks, breast drills, twist drills, bolt dies, conduit bushings, conduit elbows, lead sleeving, phosphor-bronze wire, watt-hour meters, portable indicating ammeter, portable milliammeter, electric lighting fixtures, shade holders, rosettes, porcelain knobs, boilermakers' ratchets, turnbuckles, brass bell chains garden rakes, pipe vises, structural wrenches, monkey wrenches, Stillson wrench parts, screen-door springs, bolt clippers, screw clamps, oar locks, bronze door hooks, axes, chisels, glass cutters; Schedule No. 3158.

Proposal forms and bid information may be obtained from the above and at the office of the Assistant Purchasing Officer, Fort Mason.

CANAL ZONE.—Until July 7, 10:30 A. M., bids will be received by Office of the General Purchasing Officer, The Panama Canal, Washington, D. C., for furnishing metal working lathes, shaper, grinding machines, punching shearing machine, drilling machine and power hacksaw; Sched. No. 3159.

Proposal forms and bid information may be obtained from the above and at the office of the Assistant Purchasing Officer, Fort Mason.

KERN COUNTY

KERN COUNTY, Cal.—Until July 14, 8 P. M., bids will be received by Board of Trustees, Midway School District, for furnishing one school bus body with seating capacity of 49 to 56 pupils. Bids are to include cost of placing body on old White chassis. Specifications on file with Lloyd Williamson, Clerk of the Board.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until July 7, 3 p.m., bids will be received by U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, for furnishing three dredge spud points made of cast steel, price to include one Class "A" pattern; f.o.b. Rio Vista.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until July 7, 3 P. M., bids will be received by U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Prop. No. 1105-36-287 for furnishing one suction hood, one cutter engine crank shaft, bolts, valves, etc. for Rio Vista.

Specifications obtainable at above office.

FORT MASON, Cal.Until July 7, 10 A. M., bids will be received by Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-362, for furnishing 3000 ft. of water hose, ¾-in. inside diameter and 30 nozzles, heavy finished brass for ¾-in. stand. hose thread; fob Fort Mason.

Specifications obtainable at above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., as follows:

BOILER TUBES: 300 seamless steel; Mare Island; Sch. 8260; July 10;

TITANIUM - PIGMENT, 450,000 lbs.; Mare Island; Sch. 7264; July 14;

CALCIUM-CHLORIDE, 19,000 pounds; Mare Island; Sch. 8254; July 10;

REFRIGERATORS, 14 electric and spares; Mare Island; Sch. 8265; July 14;

ELECTRIC CABLE, 5,000 ft., insulated, for arc welding; Mare Island; Sch. 8282; July 14;

NITRATE SILVER, 600 ozs.; Mare Island; Sch. 8283; July 14;

LACQUER THINNER, 1,400 quarts; Mare Island; Sch. 8275; July 14;

PULVERIZED SILICA, 70,000 pounds; Mare Island; Sch. 8274; July 14;

MERCURY, 750 lbs.; Mare Island; Sch. 8269; July 14;

PETROLEUM - RESIDUUM, 300,000 lbs.; Mare Island; Sch. 8269; July 14;

CERESIN WAX, 10,000 pounds; Mare Island; Sch. 8243; July 10.

FIRE EXTINGUISHER CHARGES, 300, foam type, 40 gal. capacity; Mare Island; Sch. 8244; July 10;

ESTER GUM, 125,000 lbs.; Mare Island; Sch. 8282; July 14;

MANGANESE LINOLEATE, 50,000 lbs.; Mare Island; Sch. 8291; July 14;

GOLD LEAF, 60 packs.; Mare Island; Sch. 8297; July 17.

Specifications and further information obtainable from 12th Naval District, Federal Office Bldg., Civic Center, San Francisco.

RECLAMATION BUREAU

CASPER, Wyoming—Until July 17, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 811-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Casper, Wyoming, one 69,000-volt, 600-ampere oil circuit breaker; six 69,000-volt, disconnecting switches; two 69,000-volt, 3-pole, air-break switches; two 69,000-volt potential transformers; two 69,000-volt current transformers; and one outdoor weatherproof meter and relay cabinet, complete with accessories, for the Casper-Alcova project, Wyoming. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 25c, not returnable.

OGDEN, Utah.—Until July 20, 2 P. M., bids will be received by U. S. Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Custom House Denver, for furnishing and delivering fob Ogden, Utah, miscellaneous structural steel, control gates and appurtenances, and cast-iron gates for installation in the surge tank at the division works of the Ogden Canyon conduit, Ogden River Project, Utah; Spec. No. 812-D.

No charge for specifications to prospective bona fide bidders; to others, $1.75. Specifications may be obtained from the above office.

TRESASURY DEPARTMENT

SAN FRANCISCO—Bids will be received by U. S. Treasury Dept., State Procurement Officer, Room 514, 49 4th St., San Francisco, as follows:

July 7, 10 A. M.

BID NO. 1953: 2520 lin. ft. clay sewer pipe of various sizes, curves and running traps; f.o.b. San Francisco.

BID NO. 1957: Panic bolts, transom lifts, transom catches, night latches, etc.; f.o.b. San Francisco

BID NO. 1952: 5000 lin. ft. steel curb bar, 1¼-in. 1-in. radius, $\frac{1}{8}$-in. head, 1¼-in. x 1¼-in. stem; f.o.b San Francisco.

July 9, 10 A. M.

BID NO. 1955: 2001 cu. yds. ready mixed concrete; f.o.b. San Francisco.

BID NO. 1954: 2001 cubic yards ready-mixed concrete; f.o.b. San Francisco.

BID NO. 1956: 1280 sacks Portland cement; f.o.b. San Francisco.

SAN FRANCISCO.—Until July 8, 10 A. M., bids will be received by the Treasury Department, J. W. Knox, State Procurement Officer, 49 Fourth St., San Francisco, under Invitation No. 1960 for furnishing 50,000 l.f. of wrought steel conduit, 2500 l.f. 1½-in. galv. conduit and fittings.

Proposal forms and specifications may be obtained on application to the above

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until July 6, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3685, for furnishing 25 extension bells, 2500 ohm, blocks and tackle straps and pads, and lineman's tool belts; fob Government Island.

Specifications obtainable at above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until July 10, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1608, for furnishing lumber for the school department.

Specifications obtainable at above office.

CALIFORNIA STATE

EUREKA, Humboldt Co., Cal.—Until July 6, 11 A. M., bids will be received by State Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Ave., Eureka, for rental of three 3-yard dump trucks to be used for a period not exceeding 500 hours each as required in State Highway District No. I.

Specifications and proposal forms on application to above.

SAN JOAQUIN COUNTY

LODI, San Joaquin Co., Calif.—Until July 13, 8 P. M., bids will be received by the Board of Trustees, Lodi Union High School District, R. J. Stuck, Clerk, for furnishing two school buses.

Specifications and bid forms may be obtained from the above at the principal's office in the Lodi Union High School.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

NAPA COUNTY, Cal.—Until July 6, 10 A. M., bids will be received by Napa County Board of Supervisors, R. A. Dollarhide, Clerk, Napa, for constructing a concrete box culvert on Howell Mountain Road near White Cottages and a concrete extension to stone arch culvert on Chiles Valley Road near the Hussey Ranch.

The work involves:
(1) 60 cu. yds. structure excavation;
(2) 69 cu. yds. concrete;
(3) 5050 lbs. reinforcing steel;
(4) 170 cu. yds. backfill.

Specifications may be obtained on application to County Engineer E. P. Ball, Court House, Napa.

BIDS REJECTED

TUOLUMNE COUNTY, Calif.—District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco, has recommended rejection of all bids received for construction of a bridge across the South Fork of the Tuolumne River and approaches on Section A1, Route 4, the Tioga Road, Yosemite National Park.

B. A. Howkins, 1182 Market Street, San Francisco, submitted low bid at $32,605.50.

BIDS WANTED

SAN LUIS OBISPO CO., Cal.—Until July 14, 2 P. M., bids will be received by State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for removing an existing bridge and constructing a new steel and timber bridge and grading road approaches, about 38 miles east of Santa Margarita at San Juan Creek, San Luis Obispo County.

Specifications may be obtained from the above.

CONTRACT AWARDED

SOLANO COUNTY, Cal.—Bundesen & Lauritzen, P. O. Box 395, Pittsburg, at $8535 awarded contract by State Division of Highways for removing the existing fender for the east pier at Rio Vista Bridge, across the Sacramento River and constructing a new fender.

CONTRACT AWARDED

LOS ANGELES, Cal. — Ingalls Iron Works, 240 Montgomery St., San Francisco, at $97.75 per ton awarded contract by U. S. Engineer, Los Angeles, for furnishing 500,000 lbs., fabricated steel and all other metal work incidental to the steel frame work on the superstructure for the Inglewood Boulevard Bridge one block north of Jefferson Boulevard. Proposal No. 664. Bids were opened May 27.

CONTRACT AWARDED

MENDOCINO COUNTY, Cal.—A. T. Howe, 111 Stanford St., Santa Rosa, at $7470.50 awarded contract by State Division of Highways for grading and removing timber bridges on about 0.5 mile in Mendocino County, between Gualala and Navarro Rivers.

BIDS WANTED

RIVERSIDE CO., Cal.—Until July 23, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing a timber bridge with concrete deck and grading and applying road-mix surface treatment on about .4 mile of roadway approaches at Temecula River, about eight miles north of San Diego County line.

The work involves:
(1) 224 M. gals. water;
(2) 11,200 c.y. rdwy. excav., unclass.
(3) 380 c.y. struc. excav.;
(4) 35,000 sta. yds. overhaul;
(5) 19 sta. finishing rdwy.;
(6) 4,300 sq. yds. preparing, mixing and shaping roadbed (road-mix surf. treatment);
(7) 35 tons liquid asphalt SC-2 (road-mix surf. treatment);
(8) 5 tons liquid asphalt 90-95 (seal-coat);
(9) 55 tons screenings (seal coat);
(10) 14,000 lbs. bar reinf. steel;
(11) 98 c.y. Class A Portland cement concrete;
(12) 40 MFBM redwood timber dense select all-heart struc. grade;
(13) 35 MFBM redwood timber, select all-heart struc. grade;
(14) 3,300 l.f. furnishing creosoted Douglas fir piles, inc. test piles;
(15) 78 each driving do;
(16) 625 c.y. riprap;
(17) 26 l.f. 8-in. CMP;
(18) 40 l.f. 18-in. CMP;
(19) 76 l.f. 24-in. CMP;
(20) 1 each spillway assembly;
(21) 0.8 mile new property fence;
(22) 2 each drive gates;
(23) 14 each monuments;
(24) 1 only existing bridge to be removed and disposed of;
(25) 1 lot misc. items of work.

The State will furnish corrugated metal pipe and spillway assemblies as more explicitly set forth in the special provisions.

Plans and specifications may be obtained from the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file in the offices of the District Engineers in San Francisco and Los Angeles.

BIDS OPENED

KERN COUNTY, Cal.—Parish Bros. 1222 N Gower Street, Los Angeles, at $52,426 submitted low bid to the State Highway Commission at Sacramento, for construction of a reinforced concrete bridge across the north fork of Kern River about 0.7 mile north of Isabella consisting of two 47-ft. 10-in. and three 60-ft. spans on concrete piers, and grading and treating with liquid asphalt approximately 0.35 mile of roadway in Kern County.

The work involves:
(1) 1 lot clearing and grubbing;
(2) 420 M. gals. water;
(3) 8,000 c.y. rdwy. excav., unclass.;
(4) 750 c.y. struc. excav.;
(5) 200 cy. ditch and channel excav.;
(6) 1,000 c.y. imported borrow;
(7) 15,000 sta. yds. overhaul;
(8) 19 sta. finishing rdwy.;
(9) 6,000 sq. yds. preparing, mixing, and shaping roadbed, ditches, & dikes (road-mix surf. treat.);
(10) 75 tons liquid asphalt SC-2 (road mix surf. treatment);
(11) 12 tons liquid asph. SC-2 (prime coat);
(12) 150,000 lbs. bar reinf. steel;
(13) 630 c.y. Class A Portland cement concrete (struc.);
(14) 175 c.y. do (footing blocks);
(15) 4.5 MFBM Redwood timber dense select, all-heart, struc. grade;
(16) 72 l.f. 18-in. CMP;
(17) 34 l.f. 8-in. CMP;
(18) 100 c.y. Clas A Portland cement concrete (slope paving);
(19) 46 each guide posts;
(20) 2 each culvert markers;
(21) 0.3 mile new property fence;
(22) 4 each drive gates;
(23) 16 each monuments;
(24) 2 each spillway assemblies;
(25) 1 only existing bridge to be removed and disposed of;
(26) 1 lot misc. items of work.

Total bids follow:
(A) Parish Bros., Los Angeles, $52,426.00.
(B) Heafey-Moore Co., Oakland, $58,636.00.

Unit bids follow:

	(A)	(B)
(1)	$ 300.00	$2200.00
(2)	2.50	2.50
(3)	.70	.65
(4)	16.00	8.00
(5)	1.50	1.00
(6)	.65	.70
(7)	.02	.01
(8)	10.00	8.00
(9)	.08	.20
(10)	18.00	25.00
(11)	18.00	25.00
(12)	.05	.06
(13)	22.00	34.00
(14)	8.00	18.00
(15)	140.00	150.00
(16)	.50	1.50
(17)	.50	1.00
(18)	20.00	23.00
(19)	1.00	3.00
(20)	5.00	3.00
(21)	300.00	550.00
(22)	10.00	25.00
(23)	3.00	3.00
(24)	15.00	25.00
(25)	2000.00	600.00
(26)	2283.00	1500.00

BIDS WANTED

VENTURA CO., Cal.—Until July 23, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for widening an existing reinforced concrete bridge across Conejo Creek, 2½ miles east of Camarillo, consisting of eight 30-ft. spans.

The work involves:
(1) 1,000 c.y. struc. excav.;
(2) 260 tons asphalt concrete;
(3) 1,200 sq. yds. asph. paint binder;
(4) 625 c.y. Class A Portland cement concrete (struc.);
(5) 37 c.y. Class A Portland cement concrete (railing);
(6) 91,000 lbs. bar reinf. steel;
(7) 872 lbs. cast steel;

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

(8) 50 c.y. concrete to be removed and disposed of;
(9) 1 lot misc. items of work.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of District Engineers at San Francisco and Los Angeles.

BIDS WANTED

SAN LUIS OBISPO CO., Cal.—Until July 15, 2 P. M., bids will be received by State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for redecking existing bridge across Santa Maria River, one-half mile north of Guadalupe, San Luis Obispo County.

Plans and specifications and proposal forms may be obtained from the above office.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

LOS ANGELES, Cal.—Until July 24 3 P. M., bids will be received by the U. S. Engineer, 751 S. Figueroa St., for construction of a composite type breakwater, 4887 ft. long, in the Los Angeles-Long Beach Outer Harbors, under Circ. Prop. No. 773.

The items are:
(1) 408,000 tons furnishing and placing "A" stone;
(2) 328,000 c.y. do "B" stone;
(3) 667,000 c.y. dredging and depositing sand and clay core material.

Theodore Wyman, Jr., Major, Corps of Engineers, District Engineer.

CONTRACT AWARDED

ALCATRAZ ISLAND, Cal.—Healy-Tibbitts Const. Co., 64 Pine St., San Francisco, at $2,172 awarded contract by the Bureau of Prisons, J. A. Johnson, Warden, Alcatraz Penitentiary, under Bid No. 711, for furnishing and placing rip-rap along the southwest shore line of Alcatraz Island.

CONTRACT AWARDED

GOVERNMENT ISLAND, Cal.—San Francisco Bridge Co., 503 Market St., San Francisco, at $131,844 awarded contract by U. S. Engineer Office, San Francisco District, for dredging about 549,350 cubic yards of material at and in front of Government Island, Oakland Harbor.

CONTRACT AWARDED

OAKLAND, Calif. — San Francisco Bridge Co., 503 Market St., San Francisco, at $99,960 awarded contract by U. S. Engineer Office, San Francisco District, for dredging about 416,500 cubic yards of material in Brooklyn Basin and the Tidal Canal, Oakland Harbor.

PLANS REJECTED

HUENEME, Ventura Co., Cal.—Col. T. H. Jackson, South Pacific Division Engineer, San Francisco, has reported no need exists for proposed $1,600,000 harbor at Hueneme. An appeal may be taken to the Board of Engineers for Rivers and Harbors, Washington, D. C.

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—G. J. Fraties, 1757 Fourth Ave., Oakland at $3555.40 awarded contract by U. S. District Engineer Office, San Francisco, for excavating about 6130 cu. yds. of material at Government Island.

CONTRACT AWARDED

SONOMA COUNTY, Calif.—Franks Contracting Co., 260 California Street, San Francisco, at $48,394 awarded contract by U. S. District Engineer Office, San Francisco, for dredging in Petaluma Creek, involving the removal of approximately 282,020 c.y. of material.

23— CANALS

BIDS OPENED

POINT ARGUELLO, Santa Barbara Co., Cal.—Macco Const. Co., 815 Paramount Blvd., Clearwater, at $117,500 submitted low bid to Associate Civil Engineer Andre Fourchy, U. S. Coast Guard, 219 Administration Bldg., Government Island, under Bid No. ER-012049-O.P.-12-38, for the construction of approximately 506 lin. ft. of cellular type steel sheet pile breakwater, together with filling and all accessories required, at the Point Arguello Coast Guard Station, near Arlight, Santa Barbara County.

Complete bids follow:

Macco Const. Co., Clearwater	$117,500.00
Pacific Bridge Co., S. F.	140,047.50
Merritt - Chapman & Scott Corp., San Pedro	159,375.00

COMPLETE BID LISTING

ALL - AMERICAN CANAL.—Peterson Const. Co., 610 Wesley Temple Bldg., Minneapolis, at $54,862.50, as previously reported, submitted low bid to the Bureau of Reclamation, R. B. Williams, Construction Engineer, Yuma, under Spec. No. 686, for earthwork excavation Sta. 3325 to Sta. 3538 plus 50 and constructing a detour at the turnout for the Central Main Canal, All-American Canal System.

The work involves:
(1) 500,000 c.y. excav. of canal, Sta. 3325 plus 00 to Sta. 345 plus 50;
(2) 225,000 c.y. do, Sta. 3458 plus 50 to Sta. 3538 plus 50;
(3) 23,000 c.y. do, detour at turnout for Central Main Canal.

Complete bids follow:

Peterson Const. Co., Minneapolis: (1) $.0725; (2) $.0725; (3) $.10; (Total) $54,862.50.

Boyce & Igo, Yuma, Ariz.; (1) $.078 (2) $.078; (3) $.078; (Total) $58,867.60.

Lewis Chambers Const. Co., New Orleans: (1) (2) (3) $.0849; (Total) $76,060.00.

Dimmitt & Taylor, Los Angeles: (1) $.105; (2) (3) $.095; (Total) $76,060.00.

C. G. Willis & Sons, Los Angeles: (1) (2) (3) $.114; (Total) $85,272.00.

W. E. Callahan Const. Co., Yuma: (1) (2) (3) $.117; (Total) $87,516.00.

Kuhn Bros., Manhattan Beach: (1) $.1299; (2) (3) $.1184; (Total) $94,313.

V. R. Dennis Const. Co., San Diego: (1) (2) (3) $.129; (Total) $96,492.00.

PLANS APPROVED

SANTA CLARA COUNTY, Calif.—Santa Clara Water Conservation District, Fred H. Tibbetts, Chief Engineer, Alaska Commercial Bldg., San Francisco, has approved plans for constructing Coyote Canal and McKean Road. Bids will be called as soon as plans have been approved by State PWA Director A. P. Wilder

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho—Danrich & Corliss, Ontario, at $14,214.25 awarded contract by the Bureau of Reclamation, Ontario, R. J. Constr. Engineer, under Spec. No. 797-D, for construction of structures, North Canal Laterals 50.3 to 54.4-0.5, Dead Ox Flat division, Owyhee Project

BIDS WANTED

ALL - AMERICAN CANAL — Until July 23, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, Arizona, R. B. Williams Construction Engineer, under Spec. No. 684, for construction of wash overchutes, drainage inlets, and turnouts, All-American canal, Station 308 to Station 1122, All-American canal system, Boulder Canyon Project.

The work is located from about 10 miles northeast to about 6 miles west of Yuma, and the principal items of work involved are:

(1) 210,000 cu. yds. excavation for canal;
(2) 71,650 cu. yds. evcavation for structures;
(3) 27,200 cu. yds. excavation for wash channels and dikes;
(4) 3800 cu. yds. compacting embankments;
(5) 23,400 cu. yds. compacted lining;
(6) 31,150 cu. yds. backfill;
(7) 11,795 cu. yds. concrete;
(8) 4635 sq. yds. dry-rock paving;
(9) 8950 cu. yds. riprap;
(10) Placing 2,132,000 lbs. reinforcement bars;
(11) Driving 591,800 lbs. steel sheet pi;ling;
(12) Installing 1880 lin. ft. rubber seals and rubber toes;
(13) Installing 3475 sq. ft. molded elastic joint material;
(14) Erecting 4 MFBM timber railings
(15) Installing 6550 lbs. metal handrails;
(16) Installing 3500 lbts. gates and gate hoists;
(17) Installing 1700 lbs. miscellaneous metal work;

Work shall be commenced within 30 calendar days and completed within 520 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Yuma, Arizona; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, $3.50 per copy, not returnable.

BIDS WANTED

BOISE PROJECT, Ida.—Until July 27, 10 A. M., bids will be received by U. S. Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, Oregon, for constructing earthwork, tunnels, canal lining and structures, Black Canyon Canal, Sta. 606 plus 70 to Sta. 643 plus 40 and Sta. 719 plus 70 to Sta. 742 plus 45, Payette Division, Boise Project; Spec. No. 688. The work is located near Emmett, Idaho.

Principal items of work are:
(1) 102,700 c.y. excav. for canal;
(2) 1,350 c.y. excav. for core banks;
(3) 6,000 sta. yds. overhaul;
(4) 1,140 c.y. excav. for structures;
(5) 33,330 c.y. excav. for tunnels;
(6) 500 c.y. backfill;
(7) 2,100 c.y. compacting canal embankment;
(8) 3,500 s.y. trimming canal sections for concrete lining;
(9) 7,220 c.y. concrete in tunnels;
(10) 907 c.y. concrete in structures;
(11) 320 c.y. concrete in canal lining;
(12) 2,400 c.f. pressure grouting;
(13) 425 s.y. dry-rock paving;
(14) 120,600 lbs. placing reinf. bars;
(15) 452,800 furnishing and installing permanent steel tunnel supports
(16) 258 MFBM furnishing and erecting permanent timbering in tunnels;
(17) 137,000 lbs. furnishing and installing steel tunnel liner plates·
(18) 2,400 l.f. 6-in. diameter tunnel drains;
(19) 1,200 l.f. drilling grout holes;
(20) 1,300 lbs. installing gates and gate hoists.

Specifications may be obtained from the office of the Bureau of Reclamation at Ontario, Ore., Denver, Colo., or Washington, D. C.

BIDS OPENED

SNAKE RIVER PROJECT, Idaho.—Otis Williams Co. and Brent Sturgill Co., Yale, Oregon, at $62,516.50 for Schedule II submitted low bid to the Bureau of Reclamation, H. A. Parker, Construction Engineer, Ashton, Idaho, under Spec. No. 683 for constructing diversion dam, canal headworks and earthwork, canal lining and structures for the Cross Cut Canal, Upper Snake River Proj., Idaho.

The work is located near Chester.

Idaho, and the principal items of work involved are:
(1) 265,000 cu. yds. all classes of excavation for canal;
(2) 10,000 sta. cu. yds. overhaul;
(3) 8150 cu. yds. all classes of excavation for structures;
(4) 2300 cu. yds. backfill;
(5) 2500 cu. yds. concrete in diversion dam;
(6) 1110 cu. yds. concrete in structures;
(7) 180 cu. yds. concrete in canal lining;
(8) 350 sq. yds. dry-rock paving;
(9) 125 cu. yds. riprap;
(10) 350 cu. ft. pressure grouting;
(11) Placinf 112,000 lbs. reinf. bars;
(12) Installing 160 lin. ft. metal water
(13) Drilling 920 lin. ft. grout holes;
(14) Installing 6500 lbs. grout pipe and connections; stops;
(15) Laying 88 lin. ft. 24-in. diam. concrete pipe;
(16) Laying 224 lin. ft. 12-in. & 18-in. diam. corrugated metal pipe;
(17) Erecting 180 MFBM timber in structures;
(18) Erecting 780 lin. ft. No. 48 metal flume;
(19) Installing 21,200 lbs. gates and gate hoists;
(20) Installing 10,000 lbs. pipe handrails and stop plank guides.

Following bids received:

Otis Williams Co. and Brent Sturgill Co., Vale, Ore.: (Schedule I) $62,-516.50; (Schedule II) $62,014.25.

Klug & Brumbach, Easton, Wash.: $74,703.25; $82,511.50.

Barnard - Curtiss Co., Minneapolis, Minn.: $100,912.50; $70,885.00.

Myers & Goulter, Seattle, Wash.: $64,296; $90,087.50.

Morrison-Knudsen Co., Boise, Ida.: $78,821; $83,968.95.

Guthrie - McDougall Co., Portland, Ore.: $73,226; $86,592.

H. J. Adler Co., Nyssa, Ore.: $80,-347; $87,365.75.

J. A. Terteling & Sons, Boise, Ida.: $91,672; $80,884.

Olof Nelson, Logan, Utah: $82,615; $125,775.50.

Utah Const. Co., Ogden, Utah: $89,-963.00; $188,935.25.

Warren-Northwest, Inc., Portland, Ore., $142,570; $.....

Wheeler & England, Ashton, Idaho: $.....; $96,544.00.

25—MACHINERY AND EQUIPMENT

July 2, 1936

BIDS OPENED

EUREKA, Humboldt Co., Cal.—Following bids received by State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for rental of one ⅓- or ⅜-yard power shovel not to exceed 200 hours:

John Freitas, 756 S. State Street, Ukiah	$4.00
Robinson & Rulofson, Healdsburg	6.75
	25

BIDS OPENED

EUREKA, Humboldt Co., Cal.—Following bids received by State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for rental of one ½-yard power shovel not to exceed 500 hours to be used in the vicinity of Boonville, Mendocino County:

Harrison & Harrison, Boonville	$5.24
A. E. Tiffany, San Jose	6.17
Hemstreet & Bell, Marysville	6.25
Rock & Gravel Truck. Co., Oakland	6.40
Robinson & Rulofson, Healdsburg	6.75
J. R. Reeves, Sacramento	7.75

BIDS OPENED

SONOMA AND MARIN COUNTIES—L. C. Smith, San Mateo, at $3.30 per hour submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, for rental of one 3-wheel gasoline roller, weight not less than 7 tons, for approximately 240 hours.

The other bids were:

R. A. Farish, S. F., $3.75;

P. B. Hackley Equipment Co., S. F., $4.45 *

BIDS OPENED

EUREKA, Humboldt Co., Cal.—Following bids received by State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for rental of three 3-yard dump trucks not to exceed 500 hours each:

San Bruno Avenue Feed & Fuel Co., San Francisco	$2.23
Dewar's Express, Eureka	2.29
Chas. Burnside, Glendale	2.40
Paul Entremont, Colusa	2.43
Jack Starkenburg, Los Angeles	2.43
C. Mankel, Sacramento	2.43
W. E. Sinclair, Miranda	2.50
W. K. Walker, San Francisco	2.50
P. O. Nelson, Redwood City	2.50
Rock & Gravel Truck. Co., Oakland	2.83
Chas. W Beguhl, Millbrae	3.25

BIDS OPENED

SAN MATEO, SANTA CRUZ AND SANTA CLARA COUNTIES — W O. Tyson, Redwood City, at $3.25 per hour submitted low bid to the Division of Highways, John H. Skeggs, District Engineer, State Bldg., San Francisco, for rental of one three-wheel four eylinder roller, not less than ten tons, for approximately 320 hours.

Complete bids follow:

W. O. Tyson, Redwood City, $3.25;

Sam Bates Co., Oakland, $3.68;

E. A. Forde, San Anselmo, $4.00;

Contractors Mchry. Exchange, Oakland, $4.15;

P. B. Hackley Equip. Co., S. F., $4.20;

Pacific States Constr. Co., S. F., $4.50. *

BIDS OPENED

SANTA CLARA and Santa Cruz Cos., Cal.—Following bids received by the State Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for rental of one pneumatic tired tractor grader for approximately 320 hours to be used in Santa Clara and Santa Cruz Counties:

A. E. Garcia, Jr., Irvington	$3.75
C. Mankel, Sacramento	3.85
Spears-Wells Mchy. Co., Oakland	4.50
E. A. Forde, San Anselmo	4.50
Chas. L. Harney, San Francisco	5.94

BIDS OPENED

SANTA CLARA, Santa Cruz and San Mateo Cos., Cal.—Identical low bids at $2.61 per hour were submitted by J. Barrett, Soledad; Chas. W. Beguhl, Millbrae; Dan Gallagher, San Francisco; A. N. Giorgi, San Francisco, to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of two pneumatic tired dump trucks, chassis weight not less than 6000 lbs., body capacity not less than 4 c.y. water level, for approximately 3200 hours. The other bids were:

Dan Gallagher, San Francisco, $2.80 and $3.11.

A. N. Giorgi, San Francisco, $2.85.

J. Barrett, Soledad, $2.86.

T. O'Brien, San Francisco, $2.86.

San Bruno Ave. Feed & Fuel, San Francisco, $2.86.

Pacific Truck Service, San Jose, $3.11.

Chas. W. Beguhl, Millbrae, $3.11.

Ashurst Bros., Hopland, $3.11.

C. Mankel, Sacramento, $3.11.

W. K. Walker, San Francisco, $3.11.

L. A. Woods, Sacramento, $3.25.

BIDS OPENED

SAN MATEO, Santa Clara & Santa Cruz Counties, Cal.—F. A. Lance, 48 Atlas Ave., San Jose, at $2.98 per hour submitted low bid to the Division of Highways, John H. Skeggs, District Engineer, San Francisco, for rental of one ⅜ cu. yd. power shovel equipped with boom and ⅜ cu. yd. clamshell attachment and suitable trailer.

Complete bids follow:

F. A. Lance, San Jose, $2.98.

Edward R. Bacon, San Francisco. $3.60.

U. S. Machinery Co., San Francisco, $3.65.

Robinson & Rulofson, Healdsburg, $3.75.

F. O. Bohnett, Campbell, $4.00.

Pacific Truck Service, San Jose, $4.25.

R. A. Farish, San Francisco, $4.50.

L. A. Woods, Sacramento, $4.50.

C. Mankel ,Sacramento, $4.91.

Shanmac Co., San Francisco, $6.00.

Kruze & Cox, Healdsburgh, $6.00.

Western Crane Service, Oakland, $6.50.

Chas. L. Harney, San Francisco, $7.00. *

CONTRACT AWARDED

SAN FRANCISCO. — American Dredging Co., 255 California St., submitted lowest regular bid and awarded contract at $5 per hour by the U. S. District Engineer, Col. J. A. Dorst, under Bid No. 3574 for rental of one 60-h.p. tractor for 1500 hours fob Yerba Buena Shoals. *

26—— RAILROADS

CONTRACT AWARDED

SAN FRANCISCO, Calif. — A. D. Schader, 144 Spear St., at $1,485.97 awarded contract by the State Board of Harbor Commissionersc for repairing tracks at Islais Creek Terminal.

29— STREETS AND HIGHWAYS

BIDS OPENED

MENDOCINO, Humboldt and Del Norte Counties, Cal.—Chas. Harlowe, Jr., 3501 Broadway Terrace, Oakland, at $68,759.35 submitted the only bid received by the State Highway Commission Sacramento, for furnishing and stockpiling road - mix surfacing material at various locations on about 21.5 miles of roadway in Mendocino, Humboldt and Del Norte Counties.

The work involves:
(1) 330 cu. yds. struc. excav.;
(2) 1600 lin. ft. 8-in. perf. metal pipe;
(3) 305 cu. yds. rock filling material;
(4) 17,880 cu. yds. mineral aggregate;
(5) 1175 tons liquid asphalt, SC-4;
(6) 2900 cu. yds. screenings.

The State will furnish perforated metal pipe as more explicitly set forth in the special provisions.

Unit bids follow:

(1)	$ 2.00	(2)	$ .50
(3)	1.75	(4)	1.62
(5)	26.00	(6)	2.50

BIDS WANTED

SHASTA COUNTY, Cal.—Until July 14, 2 P. M., bids will be received by State Division of Highways, F. W. Haselwood, District Engineer, Redding, for surfacing with road-mix surfacing about 2.5 miles between Snaverley Saw Mill and Montgomery Creek Shasta County.

Specifications may be obtained from above office. *

CONTRACT AWARDED

VENTURA COUNTY, Cal. — Dimmitt & Taylor, 815 E. 59th St., Los Angeles, at $24,391 awarded contract by the State Highway Commission, Sacramento, for grading and treating with bituminous road mix about 1.5 miles of roadway within the hospital grounds at Camarillo State Hospital, Ventura County.

BIDS WANTED

ELDORADO COUNTY, Calif.—Until July 23, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for approximately 2.326 miles grading on Section H of Route 32, the Placerville - Lake Tahoe National Forset Highway, Eldorado National Forest, Eldorado County.

The principal items of work involved are:

(1) 18 acres clearing;
(2) 14 acres cleanup clearing;
(3) 156,500 c.y. unclass. excav.;
(4) 3,800 c.y. do for structures;
(5) 843,000 sta. yds. overhaul;
(6) 2,000 c.y. mile haul;
(7) 2.305 miles finishing earth graded roads;
(8) 387 c.y. concrete;
(9) 3,175 c.y. cement rubble masonry
(10) 55,200 lbs. reinforcing steel;
(11) 5,150 lbs. structural steel;
(12) 1,616 l.f. CMP;
(13) 50 c.y. hand laid rock embankment;
(14) 58 guide posts;
(15) 58 culvert markers;
(16) 6 right of way monuments.

Plans and specifications obtainable from the above office upon deposit of $10.00.

CONTRACT AWARDED

SAN FRANCISCO — Fay Improvement Co., 760 Market St., at $25,980.30 awarded contract by San Francisco Department of Public Works under Spec. No. 18,936 for improvement of Anza Street, between Arguello Blvd. and Parker Ave.

BIDS WANTED

SAN FRANCISCO—Until July 15, 10 A. M., bids will be received by Golden Gate Bridge and Highway District, W. W. Felt, Jr., Secretary, Suite 1000, 111 Sutter St., for paving the main span, side spans and approach spans of the Golden Gate Bridge. Approximately 9,000 feet of 60-ft. roadway and 11-ft. sidewalk on each side is to be paved. Lightweight aggregate will be specified for the west sidewalk only.

The work includes furnishing and installing scuppers and drainage pipes. Reinforced concrete balustrades are to be furnished on both sides of the roadway over the Marin approach span and the wing walls of the north abutment.

The contract will exceed $400,000.

Bids will be taken as follows:

(1) Lump sum paving of roadway & sidewalks on main structure and approaches from the San Francisco abutment to the Marin abutment, inc. expansion joints, curbs, concrete balustrades, reinforcing steel, scuppers, etc.;
(2) Lump sum drain pipes, including fastenings;
Lump sum Items (1) and (2);
(3) c.y. natural concrete in paving of roadway and sidewalk;
(4) c.y. light weight concrete in sidewalk paving;
(5) c.y. concrete in balustrades;
(6) lb. reinf. steel (exclusive of the trusses);
(7) lb. reinf. steel fabricated trusses;
(8) l.f. copper expansion joint;
(9) l.f. premoulded expansion joint (inverted U);
(10) lb. steel expansion dam, including fastenings;
(11) l.f. 6-in. cast iron drain pipe, including fastenings.

Plans and specifications may be obtained from above office on deposit of $50.00.

BIDS WANTED

MODOC AND SISKIYOU COS., Cal. —Until July 14, 2 P. M., bids will be received by State Division of Highways, F. W. Haselwood, District Engineer, Redding, for applying penetration oil treatment on about 5.2 miles between 1.7 miles southeast of Tule Lake and Oregon State Line in Modoc and Siskiyou Counties.

Specifications may be obtained from above office.

CONTRACT AWARDED

SUTTER COUNTY, Cal. — Hanrahan Co., Hobart Bldg., San Francisco, at $85,588.50 awarded contract by the State Highway Commission, Sacramento, for about 3.7 miles grading and surfacing with crusher run base and road mix surfacing in Sutter County, between Knights Landing and Robbins.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—George R. Curtis Paving Co., 2440 E. 26th St., Vernon, at $28,526.20 awarded contract by the State Highway Commission, Sacramento, for about 1.1 miles highway improvement between Patata Street and Florence Ave., existing roadbed to be widened and widening strips of plant-mixed surfacing, medium curing type, and Portland cement concrete to be placed.

BIDS OPENED

MONO COUNTY, Cal.—Basich Bros. 20550 Normandie Ave., Torrance, at $12,167.50 submitted low bid to the State Highway Commission, Sacramento, for about 1.8 miles grading and surfacing with road-mix surface treatment at grade crossings near Chalfant, Hammil, and 2½ miles south of Benton, Mono County.

The work involves:

(1) 10,700 c.y. rdwy. excav., unclass.;
(2) 5,000 sta. yds. overhaul;
(3) 180 c.y. struc. excav.;
(4) 125 c.y. ditch excav.;
(5) 3,850 c.y. imported borrow;
(6) 130 tons liquid asphalt SC-2;
(7) 1.76 miles preparing, mixing and shaping roadbed.
(8) 274 l.f. 18-in. CMP;
(9) 46 l.f. 24-in. CMP;
(10) 54 l.f. CMP clean and salvage;
(11) 73 l.f. CMP clean and relay;
(12) 16 each culvert markers;
(13) 22 each monuments;
(14) 100 c.y. road mix material, stockpile.

The state will furnish CMP as more explicitly set forth in the special provisions.

Total bids follow:

(A) Basich Bros., Torrance, $12,167.50.
(B) Leo F. Piazza, San Jose, $12,471.25.
(C) A. S. Vinnell Co., Los Angeles, $14,256.45.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ .45	$ .40	$ .57
(2)	.02	.02	.02
(3)	1.50	1.25	1.25
(4)	.75	1.25	1.25
(5)	.80	.70	.80
(6)	14.50	20.00	18.00
(7)	650.00	1130.00	750.00
(8)	.75	.50	.60
(9)	.75	.50	.75
(10)	.50	.50	1.20
(11)	.75	.50	1.50
(12)	3.00	4.00	4.00
(13)	5.00	4.00	4.50
(14)	3.00	1.40	4.00

BIDS OPENED

KERN COUNTY, Cal.—John Jurkovich, 3530 Balch Ave., Fresno, at $35,016 submitted low bid to the State Highway Commission at Sacramento, for about 0.4 mile grading and surfacing with road-mix surfacing on crusher run base and timber bridges to be constructed, between three and four miles northeast of Taft, Kern Co.

The work involves:

(1) 400 M. gals. water;
(2) 7,100 c.y. rdwy. excav., unclass.;
(3) 4,000 sta. yds. overhaul;
(4) 450 c.y. struc. excav.;
(5) 230 c.y. existing concrete removed and disposed of;
(6) 19 sta. finishing rdwy.;
(7) 850 tons crusher run base;
(8) 600 tons mineral aggregate, road mix surf.;
(9) 35 tons liquid asphalt ROMC-3, road-mix surf.;
(10) 8 tons liquid asphalt SC-2 (prime coat);
(11) 75 tons liquid asphalt SC-2 road-mix surf. treat.;
(12) 5,600 sq. yds. preparing, mixing and shaping detour;
(13) 270 c.y. salvaged detour surf.;
(14) 122 c.y. Class A Portland cement concrete;
(15) 19,000 lbs. bar reinf. steel;
(16) 6,530 l.f. furnishing treated Douglas fir piles, including test piles;
(17) 186 each driving do;
(18) 43 MFBM dense, select, all-heart struc. redwood;
(19) 43 MFBM select all-heart structural redwood;
(20) 90 c.y. riprap;
(21) 38 l.f. 8-in. CMP;
(22) 76 l.f. 24-in. CMP;
(23) 8 each spillway assemblies;
(24) 222 l.f. existing culverts removed and salvaged;
(25) 30 each guide posts;
(26) 30 each guide posts, move and reset.

The state will furnish CMP as more explicitly set forth in the special provisions.

Total bids follow:

(A) John Jurkovich, Fresno, $35,016.
(B) Rexroth & Rexroth, Bakersfield. $36,941.20.

Unit bids follow:

	(A)	(B)
(1)	$ 2.00	$ 2.00
(2)	.80	.50
(3)	.10	.005
(4)	1.00	1.25
(5)	2.00	3.00
(6)	10.00	10.00
(7)	3.00	4.00
(8)	3.00	4.00
(9)	15.00	28.00
(10)	14.00	15.00
(11)	14.00	15.00
(12)	.10	.10
(13)	2.00	.60
(14)	20.00	22.50
(15)	.05	.06
(16)	.50	.85
(17)	20.00	20.00
(18)	100.00	100.00
(19)	100.00	94.00
(20)	10.00	5.00
(21)	2.00	.30
(22)	4.00	.40
(23)	20.00	15.00
(24)	2.00	.70
(25)	2.00	2.00
(26)	2.00	1.90

BIDS OPENED

YOLO, YUBA, Colusa, Placer, Sutter and Sacramento Cos., Cal.—E. A. Forde, 640 Redhill Ave., San Anselmo, at $17,488.89 submitted low bid to the State Highway Commission, Sacramento, for applying seal coat to the existing roadbed on about 37 miles at various locations in Yolo, Yuba, Colusa, Placer, Sutter and Sacramento Counties, all in District III.

The work involves:

(1) 25 tons asphaltic emulsion, Unit 1
(2) 225 tons sand, Unit 1;
(3) 50 tons liquid asphalt MC-4, Unit 2;
(4) 430 tons sand, Unit 2;
(5) 25 tons liquid asphalt, MC-4 Unit 3;
(6) 225 tons sand, Unit 3;
(7) 55 tons asphaltic emulsion, Unit 4;
(8) 500 tons sand, Unit 4;
(9) 47 tons liquid asphalt MC-4, Unit 5;
(10) 420 tons sand, Unit 5;
(11) 40 tons asphaltic emulsion, Unit 6;
(12) 350 tons sand, Unit 6;
(13) 100 tons asphaltic emulsion, Unit 7;
(14) 900 tons sand, Unit 7;
(15) 21 tons liquid asphalt MC-4, Unit 8;

(16) 200 tons sand, Unit 8.
Total bids follow:
(A) E. A. Forde, San Anselmo, $17,488.89.
(B) Hayward Bldg. Material Co., Hayward, $18,689.50.
(C) Lee J. Immel, Berkeley, $19,372.00.
Unit bids follow:

	(A)	(B)	(C)
(1)	$18.18	$22.45	$23.00
(2)	3.40	3.25	3.30
(3)	17.48	21.75	23.00
(4)	3.65	3.50	4.10
(5)	18.48	22.75	23.00
(6)	3.05	3.00	2.90
(7)	17.98	22.25	22.00
(8)	3.45	3.30	3.30
(9)	18.28	22.50	23.00
(10)	2.75	2.90	2.50
(11)	18.38	22.60	23.00
(12)	3.55	3.40	3.60
(13)	18.38	22.60	23.00
(14)	3.40	3.25	3.60
(15)	18.28	22.50	23.00
(16)	3.45	3.30	3.60

COMPLETE BIDS

MENDOCINO COUNTY, Cal.—A. T. Howe, 111 Stanford St., Santa Rosa, at $7470.50 submitted low bid (previously reported) to the State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for grading and removing timber bridges on about 0.5 mile in Mendocino County, between Gualala and Navarro rivers.

The work involves:
(1) Lump sum clear and grub right of way;
(2) 3 each timber bridges remove and dispose of;
(3) 9025 c.y. roadway excavation;
(4) 1300 sta. yd. overhaul;
(5) 145 c.y. excavation for structures;
(6) 27 stations finish roadway;
(7) 26 l.f. 18-in. CMP;
(8) 74 l.f. 24-in. CMP;
(9) 90 l.f. 36-in. CMP.

Complete bids follow:
(A) A. T. Howe, Santa Rosa, $7470.50.
(B) Guerin Bros., San Francisco, $7,695.00.
(C) J. V. Galbraith and Don A. Canevari, Santa Rosa, $8,664.65.
(D) J. J. Barton and Russell H. Ells, Willits, $8,922.00.
Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$675.00	$775.00	$750.00	$150.00
(2)	100.00	250.00	250.00	150.00
(3)	.64	.60	.72	.84
(4)	.015	.03	.03	.02
(5)	1.50	1.50	1.45	2.00
(6)	10.00	10.00	10.00	10.00
(7)	1.00	.75	.50	.65
(8)	1.00	1.00	.60	.65
(9)	1.25	1.50	1.00	1.00

BIDS WANTED

NAPA COUNTY, Cal.—Until July 6, 10 A. M., bids will be received by Napa County Board of Supervisors, R. A. Dollarhide, Clerk, Napa, for improving a portion of the Chiles Valley Road, from a point near the Old Chiles Mill to a point near the foot of Wardner Hill in Pope Valley, a distance of about 7.3 miles, by surfacing with cut-back asphaltic wearing surface.

The work involves:
(1) 7.3 miles preparing subgrade and road-mix;
(2) 6000 cu. yds. crushed rock;
(3) 450 tons cutback asphalt.

Specifications may be obtained on application to County Engineer E. P. Ball, Court House, Napa.

BIDS OPENED

SAN FRANCISCO—Thomas Gallagher, at $75 submitted low bid to the Department of Public Works, City Hall, for cutting down two eucalyptus stumps at the north end of Edgewood Ave. near Farnsworth Lane.

The other bids were: Harry A. Cohen, $99; Daniel C. CcCabe, $165; M. Bertolino, $176.

BIDS OPENED

VENTURA COUNTY, Cal.—Dimmitt & Taylor, 815 E 59th St., Los Angeles, at $24,391 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for grading and treating with bituminous road-mix about 1.5 miles of roadway within the hospital grounds at Camarillo, Ventura Co.

The work involves:
(1) 79 sta. clearing and grubbing right of way;
(2) 320 M. gals. water;
(3) 19,000 c.y. rdwy. excav., unclass.
(4) 800 c.y. structure excav.;
(5) 210 c.y. ditch excav.;
(6) 3200 c.y. imported borrow;
(7) 590 tons crusher waste;
(8) 61,000 sta. yds. overhaul;
(9) 650 s.y. subgrade for pavement;
(10) 79 sta. finishing roadway;
(11) 19,500 s.y. preparing, mixing and shaping roadway;
(12) 20 tons liquid asph. SC-2 (prime coat);
(13) 155 tons liquid asph., SC-2 (road mix surf. treatment);
(14) 20 tons liquid asphalt, 90-95 (seal coat);
(15) 240 tons screenings (seal coat);
(16) 70 c.y. Class A portland cement concrete (pavement);
(17) 2200 lbs. bar reinf. steel (struc.);
(18) 610 s.y. mesh reinf. (pave.);
(19) 31 c.y. Class A portland cement concrete (struc.);
(20) 300 l.f. 18-in. corru. metal pipe; (pipe to be furnished by state);
(21) 70 l.f. 24-in. corru. metal pipe; (pipe to be furnished by state);
(22) 80 l.f. 36-in. corru. metal pipe; (pipe to be furnished by state);
(23) 310 l.f. 75-in. multiplate pipe, 412-18;
(24) 100 l.f. 14-in. OD steel pipe;
(25) 0.7 mile moving and resetting fence.

Complete bids follow:
(A) Dimmitt & Taylor, Los Angeles, $24,391.00.
(B) A. S. Vinnell Co., Los Angeles, $24,391.00.
(C) C. F. Robbins, Los Angeles, $28,765.00.
(D) Oswald Bros., Los Angeles, $29,212.60.
(E) J. E. Haddock, Ltd., Pasadena, $30,090.75.
Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 5.00	$17.50	$10.00	$ 6.00	$12.00
(2)	2.50	2.25	3.00	2.50	2.50
(3)	.38	.45	.45	.525	.60
(4)	1.00	.80	1.00	1.00	1.50
(5)	1.00	1.00	1.00	1.50	1.00
(6)	.30	.35	.60	.50	.50
(7)	2.15	2.00	2.00	2.70	2.25
(8)	.01	.005	.01	.006	.02
(9)	.15	.20	.25	.16	.15
(10)	10.00	12.50	10.00	6.00	5.00
(11)	.06	.07	.07	.055	.09
(12)	10.00	7.00	12.00	10.50	12.75
(13)	10.00	7.00	10.00	10.50	8.25
(14)	18.00	14.00	25.00	19.00	15.00
(15)	3.00	3.00	2.50	3.00	3.25
(16)	10.00	12.50	15.00	15.00	11.00
(17)	.06	.05	.08	.07	.06
(18)	.30	.17	.20	.26	.25
(19)	27.00	40.00	25.00	32.00	25.00
(20)	.50	.70	1.00	.70	.45
(21)	.60	.75	1.50	.70	.60
(22)	.80	.95	2.00	.85	.80
(23)	15.00	16.50	17.00	17.00	12.85
(24)	3.00	2.40	3.00	4.00	2.25
(25)	260.00	300.00	400.00	500.00	350.00

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Maccon Construction Co., Clearwater, contractors for the Coyote Dam of the Santa Clara Valley Water Conservation District, have been awarded a contract to construct approximately five miles of road on the west side of Coyote Reservoir, connecting with Gilroy Hot Springs Road. Cost not to exceed $10,000.

BIDS WANTED

BUTTE CO., Calif.—Until July 10, 2 p.m., bids will be received by Butte County Board of Supervisors, Clara A. Osborn, Clerk, Court House, Oroville, for furnishing approximately 5,000 tons crushed rock for the fiscal year.

Specifications may be obtained on application to County Engineer J. A. Bumgarner, Court House, Oroville

BIDS OPENED

SAN BERNARDINO CO., Cal.—R. E. Hazard & Sons, 2548 Kettner Blvd., San Diego, at $22,391.25 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for applying road-mix surface treatment to existing roadbed on about 21 miles between National Forest boundary and Victorville, San Bernardino County.

The work involves:
(1) 1,275 tons liquid asphalt, SC-4;
(2) 247,000 s.y. preparing, mixing and shaping roadbed.

Complete bids follow:
R. E. Hazard & Sons, San Diego: (1) $11.99; (2) $.0375; (Total) $24,549.75
A. S. Vinnell Co., Los Angeles :(1) $11.00; (2) $.034; (Total) $22,423.00.
Oilfields Trucking Co., Bakersfield: (1) $11.90; (2) $.0375; (Total) $24,549.75
Dimmitt & Taylor, Los Angeles: (1) $13.45; (2) $.04; (Total) $27,028.75.
Clyde W. Wood, Stockton: (1) $13.20 (2) $.045; (Total) $27,945.00.
Oswald Bros., Los Angeles: (1) $14.25; (2) $.038; (Total) $28,192.25.
Southern California Roads Co., Los Angeles: (1) $13.50; (2) $.05; (Total) $29,562.50.

BIDS WANTED

OKANOGAN CO., Wash.—Until July 8, 10 a.m., bids will be received by U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for grading about 2.35 miles of the Loup Loup Highway, Project 28-C, in Chelan National Forest.

The work involves:
(1) 21 A. clearing;
(2) 13 A. gruvving;
(3) 120,900 c.y. unclassified excavation;
(4) 195,000 sta. yds. overhaul;
(5) 11,700 l.f. rounding cut slopes;
(6) 590 l.f. reinforced concrete pipe;
(7) 480 l.f. culverts (alt.);
(8) 2.35 mi. finishing earth graded road.

Plans and specifications may be obtained from above on deposit of $10.

BIDS WANTED

HICKAM FIELD, T. H.—Until July 13, 2 P. M., bids will be received by War Department, Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, T. H., for constructing a paved landing mat at Hickam Field. The area to be paved is 3000 feet by 800 feet. Bids will be taken on alternate specifications for (1) 4-inch asphalt macadam; (2) 4-inch emulsified asphalt surfacing; (3) 4-inch bituminous surfacing, plant-mixed. The surfacing is to be laid on a 4-inch compacted coral base.

Plans and specifications may be obtained on application to above and are on file at the office of the Constructing Quartermaster, Fort Mason.

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—A. G. Raisch, Lincoln Ave. and San Salvatore, San Jose, at $2,680 submitted the only bid and awarded contrct by the Santa Clara County Board of Supervisors, San Jose, for the improvement of the Northern Road relocation and connection between the San Jose-Almaden Road and Guadalupe Creek in District No. 2.

The work involves 30,800 sq. ft. oil macadam pavement.

CONTRACT AWARDED

LASSEN COUNTY, Cal. — Harms Bros., Doyle, Calif., at $43,802.35 awarded contract by Lassen - Modoc Joint Highway District No. 14, M. J. Tilley, District Engineer, Court House, Susanville, for grading, placing culverts, constructing one bridge and two cattle guards on about 6.7 miles bet. Susanville and Adin, and also covering with binder material from an earth borrow pit about 2.9 miles now graveled, all in Lassen County.

The work involves:

(1) 800 cu. yds. earth binder, hauled one mile, Unit "A";
(2) 27,433 cu. yds. excavating and grading, Unit "B";
(3) Lump sum, consisting of two cattle guards, Unit "B";
(4) 686 ft. placing metal culvert pipe, Unit "B";
(5) 145,000 sta. yds. overhaul, Unit "B";
(6) 5791 cu. yds. excavating and grading, Unit "C";
(7) 40,000 sta. yds. overhaul, Unit "C"
(8) Lump sum, one wood-stone bridge Unit "C";
(9) 26 ft. placing culvert pipe with stone approaches, Unit "C".

Complete bids follow:

Harms Bros., Doyle	$43,802.35
Larsen Bros., Sacramento	44,779.00
Engineer's Estimate	39,763.00

Contract for furnishing 686 feet of pipe awarded California Corrugated Culvert Co., Berkeley, at $1061.37.

Only other bid submitted by Western Pipe & Steel Co., San Francisco, at $1069.07.

CONTRACT AWARDED

CHURCHILL and Lander Counties, Nev.—J. C. Compton Co., McMinnville, Oregon, at $49,430, awarded contract by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Heroes Memorial Bldg. Carson City, for the construction of an asphaltic road-mix surface on a portion of the State highway system in Churchill and Lander Counties, Rt. 2, Sections E1, F and A, between ½ mile west of Eastgate and Campbell Creek Ranch, a length of approximately 18.28 miles.

Second low bid submitted by Geo French, Jr., P. O. Box 107, Stockton, Calif., at $52,857.

Complete bids will be given shortly

CONTRACT AWARDED

LYON AND MINERAL COS., Nev. —Silver State Const. Co., Fallon, at $28,696, awarded contract by Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphaltic road-mix surface on a portion of State Highway system in Lyon and Mineral Counties, Route 3, Sections A3 and G, between 9½ miles east fo Yerington and Schurz, a length of approximately 14.98 miles.

Nevada Rock and Sand Co., Reno, submitted the second low bid at $29,-166.50.

CONTRACT AWARDED

HUMBOLDT COUNTY, Nev.—Geo. French, Jr., P. O. Box 107, Stockton, Calif., at $112,064.65, awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, for the construction of an asphaltic road-mix surface on a portion of the State highway system in Humboldt County, Route 8, Sections B, C, 31, D2, between Toll House and the Nevada-Oregon State line, a length of approximately 60.95 miles.

Second low bid submitted by U. B. Lee, 1059 Carpentier St., San Leandro, Calif., at $112,245.

Complete bids will be given shortly.

CONTRACT AWARDED

SAN FRANCISCO—Thomas Gallagher, at $75 awarded contract by the Department of Public Works, City Hall, for cutting down two eucalyptus stumps at the north end of Edgewood Ave. near Farnsworth Lane.

CONTRACT AWARDED

SAN FRANCISCO—C. J. Holzmueller, 1108 Howard St., at $1566 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1579, for furnishing Kleiglight spots for the Civic Auditorium.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Hanrahan Co., Hobart Bldg., San Francisco at $124,748.50 awarded contract by the State Division of Highways for about 1.4 miles grading and paving with asphalt concrete and portland cement concrete in Alameda County between 34th St. and 7th St., Oakland.

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—R. E. Hazard and Sons, 2548 Kettner Blvd., San Diego, at $22,391.25 awarded contract by State Division of Highways for applying road-mix surface treatment to the existing roadbed on about 21 miles between National Forest Boundary and Victorville. San Bernardino County.

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until July 13, 2 P. M., bids will be received by State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for applying seal coat on about 6.8 miles between 1½ miles north of Moreno and 2½ miles west of Beaumont, Riverside County.

The work involves:

(1) 115 tons liquid asphalt 90-95 in place;
(2) 1365 tons screenings in place.

Specifications may be obtained from above office.

BIDS WANTED

LINN COUNTY, Oregon—Until July 10, 10 A. M., bids will be received by U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 216 New Post Office Bldg., Portland, for grading 0.98 miles and advance clearing 0.904 miles of Santiam Forest Highway. Project 23-K, Willamette National Forest.

The work involves:

(1) 29 acres clearing;
(2) 9 acres grubbing;
(3) 13,250 cu. yds. unclassified excav.;
(4) 223,000 sta. yds. overhaul;
(5) 12,500 cu. yds. mi. overhaul;
(6) 3 acres roadside cleanup;
(7) 7200 lin. ft. rounding cut clopes;
(8) 700 lin. ft. culverts.

Plans and specifications may be obtained from above on deposit of $10.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. —Until July 13, 2 P. M., bids will be received by State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for applying liquid asphalt on shoulders for about 3.8 miles between San Bernardino and Highland, San Bernardino County.

The work involves:

(1) 165 tons liquid asphalt SC-2.

Specifications may be obtained from above office.

LOS ANGELES CO—1.1 Miles Widen and Pave—(State)

LOS ANGELES COUNTY, Calif.—George R. Curtis Paving Co., 2440 E 26th St., Vernon, at $28,526.20 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for about 1.1 miles highway improvement bet. Patata Street and Florence Avenue, existing roadbed to be widened and widening strips of plant-mixed surfacing, medium curing type and portland cement concrete to be placed.

The work involves:

(1) 57 sta. clear & grub right-of-way;
(2) 160 M. gals. water;
(3) 6500 cu. yds. rdwy. excavation unclass.;
(4) 25 cu. yds. struc. excav.;
(5) 57 sta. finishing roadway;
(6) 910 tons mineral aggregate (plant-mixed surf.);
(7) 9 tons liq. asphalt MC-2 (prime coat);
(8) 50 tons liq. asphalt MC-5 or MC extra heavy (plant-mixed surf.)
(9) 9350 sq. yds. preparing, mixing and shaping shoulders;
(10) 10 tons liq. asphalt SC-2 (prime coat);
(11) 115 tons liq. asphalt SC-2 (shoulders);
(12) 900 lbs. bar reinf. steel (pave and strucs.);
(13) 7 cu. yds. Class A Portland cement concrete (strucs.);
(14) 1900 cu. yds. Class A Portland cement concrete (curbs, gutters, sidewalks, driveways and pavement widening);
(15) 18 lin. ft. laminated guard railing
(16) 115 cu. yds. remove and dispose of concrete;
(17) 10 each manholes adjusted to grade.

Total bids follow:

(A) George R. Curtis Paving Co., Vernon, $28,526.20.
(B) Oswald Bros., Los Angeles, $29,-351.00.
(C) J. E. Haddock, Ltd., Pasadena, $30,039.75.
(D) C. O. Sparks & Mundo Engr. Co., Los Angeles, $32,909.
(E) Griffith Co., Los Angeles, $33,-778.50.
(F) Southern California Roads Co., Los Angeles, $33,960.
(G) C. F. Robbins, Los Angeles, $34,-127.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$10.00	$ 9.00	$10.00	$15.00	$10.00	$ 8.00	15.00
(2)	1.80	1.60	1.00	1.50	1.75	2.50	2.50
(3)	.40	.40	.50	.45	.53	.50	.45
(4)	1.00	1.50	1.50	1.50	1.50	1.00	1.00
(5)	3.00	5.00	5.00	5.00	3.00	5.00	10.00
(6)	1.86	2.50	2.55	2.60	2.00	3.40	3.00
(7)	19.50	22.00	23.00	15.00	21.00	34.00	20.00
(8)	14.00	14.50	13.75	13.50	14.00	17.00	15.00
(9)	.06	.05	.10	.07	.09	.12	.08
(10)	13.15	7.70	12.50	12.00	9.00	12.00	15.00
(11)	7.80	7.70	7.75	9.00	9.00	8.00	10.00
(12)	.07	.06	.06	.10	.08	.06	.06
(13)	30.00	32.00	30.00	30.00	25.00	26.00	20.00
(14)	10.60	10.70	10.50	12.00	12.50	11.75	12.00
(15)	1.70	2.00	1.50	2.00	1.25	3.00	5.00
(16)	2.00	2.50	2.00	3.00	4.00	4.00	4.00
(17)	5.00	10.00	10.00	10.00	12.00	7.50	10.00

BIDS WANTED

LINN COUNTY, Oregon—Until July 8, 10 A. M., bids will be received by U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for grading about 2.894 miles of North Santiam Highway, Project 24-E3, F3, in Willamette National Forest.

The work involves:
(1) 5 acres clearing;
(2) 20 acres grubbing;
(3) 127,600 cu. yds. unclassified excavation;
(4) 132,000 sta. yds. overhaul;
(5) 2.894 mi. finish earth graded rd.;
(6) 2500 cu. yds. mi. overhaul;
(7) 16 acres roadside cleanup;
(8) 12,000 lin. ft. roundinc cut slopes;
(9) 35 cu. yds. Class A concrete;
(10) 1200 lin. ft. culverts (alt.);
(11) 8000 cu. yds. loose riprap, Type I;
(12) 1564 lin. ft. reinforced concrete pipe;

Plans and specifications may be obtained from above on deposit of $10.

BIDS WANTED

SKAMANIA COUNTY, Wash.—Until July 10, 10 A. M., bids will be received by U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 216 New Post Office Bldg., Portland, for grading 3.062 mi. and surfacing 4.857 mi. of Wind River Highway, Project FHEC-30-A5, Columbia National Forest.

The work involves:
(1) 8 acres clearing;
(2) 25acres grubbing;
(3) 55,400 cu. yds. unclassified excavation;
(4) 90,000 sta. yds. overhaul;
(5) 7500 tons subgrade reinf.;
(6) 1.795 mi. fine grading, subgrade and shoulders;
(7) 8500 tons crushed rock or gravel;
(8) 10,500 tons crushed rock or gravel top course;
(9) 1200 tons crushed rock or gravel, supplemental;
(10) 500 M. gal. watering;
(11) 250 hours roller operation;
(12) 8 acre roadside cleanup;
(13) 17,000 lin. ft. rounding cut slopes;
(14) 230 lin. ft. reinf. concrete pipe;
(15) 1050 lin. ft. culverts (Alt.).

Plans and specifications may be obtained from above office on deposit of $10.

CONTRACT AWARDED

YUBA AND NEVADA COS., Cal.—J. G. Chigris, 2316 31st Avenue, San Francisco, at $156,538.50 awarded contract by State Division of Highways for about 3.7 miles grading and surfacing with crusher run base and seal coat applied in Yuba and Nevada Cos. between Parks Bridge and one-quarter mile east of the Nevada County Line.

CONTRACT AWARDED

YOLO COUNTY, Cal.—A. Teichert & Son, Inc., 1846 37th Ave., Sacramento, at $8971.50 awarded contract by State Division of Highways for constructing portland cement concrete widening strips on about 0.4 mile between M Street subway and Sacramento River bridge in Yolo County.

SAN MATEO COUNTY — 5.9 MILES GRADE & SURFACE — (STATE)

SAN MATEO COUNTY, Cal.—John Carlin and Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at $326,-254.60 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and applying road-mix surface treatment on about 5.9 miles between Farallone City and Rockaway Beach, San Mateo County.

The work involves:
(1) 312 sta. clearing and grubbing right of way;
(2) 3,100 M. gals. water;
(3) 865,000 c.y. rdwy. excav., unclass.
(4) 5,900 c.y. ditch & channel excav.
(5) 8,800,000 sta. yds. overhaul;
(6) 7,500 c.y. struc. excav.;
(7) 30 c.y. existing concrete removed and disposed of;
(8) 312 sta. finishing rdwy.;
(9) 694 tons liquid asphalt SC-2;
(10) 6 miles preparing, mixing and shaping roadbed;
(11) 8,100 lbs. bar reinf. steel;
(12) 110 c.y. Class A Portland cement concrete (struc.);
(13) 7.5 MFBM Douglas fir timber;
(14) 2.5 MFBM Redwood timber, dense select all-heart struc. grade;
(15) 21 MFBM Redwood timber, select all-heart struc. grade;
(16) 620 l.f. furnishing treated Douglas fir piles;
(17) 26 each driving piles;
(18) 550 c.y. rubble masonry;
(19) 435 l.f. masonry parapet;
(20) 56 l.f. 18-in. extra strength reinf. concrete pipe;
(21) 60 l.f. 24-in. do;
(22) 382 l.f. 30-in. do;
(23) 1,500 l.f. 8-in. CMP;
(24) 3,050 l.f. 18-in. CMP;
(25) 1,150 l.f. 24-in. CMP double rivetted;
(26) 256 l.f. 30-in. do;
(27) 152 l.f. 48-in. CMP 10-ga. do;
(28) 50 each spillway assemblies;
(29) 2,700 l.f. 8-in. perf. metal pipe underdrains;
(30) 460 c.y. rock filling material underdrains;
(31) 8,000 l.f. laminated guard railing;
(32) 110 each culvert markers;
(33) 280 each guide posts;
(34) 3 miles new property fence;
(35) 8 each drive gates;
(36) 2 ea. manholes adjusted to grade
(37) 150 each monuments complete in place.

Complete bids follow:
(A) John Carlin and Granfield-Farrar & Carlin, S. F., $326,254.60.
(B) A. Teichert & Son, Inc., Sacramento, $358,937.00.
(C) Geo. Pollock, Sacramento, $373,-666.50.
(D) Wood & Bevanda, Stockton, $391-249.50.
(E) Union Paving Co., San Francisco, $393,768.00.
(F) Lewis Const. Co., Los Angeles, $399,041.00.
(G) Guy F. Atkinson, San Francisco $407,312.00.
(H) Isbell Const. Co., Reno, $442,-605.50.
(I) Utah Const. Co. and Paul J. Tyler, San Francisco, $446,143.00.
(J) D. McDonald, Sacramento, $465,-875.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ 15.00	$ 14.00	$ 25.00	$ 25.00	$ 10.00	$ 20.00	$ 15.00	$ 25.00	$ 20.00	$ 10.00
(2)	.25	1.00	2.50	2.00	1.50	1.00	.75	1.50	1.25	1.50
(3)	.26	288	.29	.30	.34	.336	.345	.37	.36	.414
(4)	1.00	75	1.50	.60	.60	1.00	1.00	1.00	1.00	1.20
(5)	.002	0025	.002	.005	.002	.0025	.0025	.003	.005	.002
(6)	1.50	1.50	1.50	1.00	1.00	1.00	1.50	1.00	1.25	1.50
(7)	2.00	2.50	4.00	3.00	5.00	5.00	4.00	5.00	3.00	4.00
(8)	7.00	5.00	5.00	7.00	5.00	6.00	5.00	10.00	8.00	10.00
(9)	12.50	13.50	12.00	12.00	14.00	15.00	11.00	15.00	15.00	14.00
(10)	850.00	700.00	500.00	100.00	500.00	400.00	1000.00	600.00	700.00	600.00
(11)	.05	.06	.06	.06	.06	.05	.06	.06	.05	.05
(12)	20.00	25.00	30.00	25.00	20.00	20.00	24.00	25.00	24.00	24.00
(13)	75.00	100.00	75.00	90.00	100.00	100.00	70.00	80.00	70.00	95.00
(14)	100.00	100.00	110.00	90.00	120.00	100.00	100.00	115.00	80.00	120.00
(15)	90.00	100.00	85.00	90.00	100.00	80.00	90.00	100.00	70.00	90.00
(16)	.60	60	.65	.60	.80	.30	.75	.70	.80	.60
(17)	25.00	35.00	25.00	20.00	25.00	50.00	22.00	20.00	20.00	25.00
(18)	12.00	15.00	10.00	20.00	15.00	10.00	10.00	16.00	12.00	13.00
(19)	3.00	3.00	4.00	3.00	3.00	5.00	3.00	6.00	3.00	3.00
(20)	5.00	3.00	5.50	3.00	3.00	2.00	5.00	6.90	5.00	2.75
(21)	6.50	4.00	7.00	3.75	4.00	3.00	6.50	8.40	6.00	3.50
(22)	8.50	5.50	8.00	5.00	5.00	4.00	7.50	9.00	7.50	5.00
(23)	.95	1.00	.90	1.00	1.00	1.00	1.00	1.10	1.00	1.00
(24)	1.75	1.90	1.50	2.00	2.00	2.00	2.00	1.85	2.00	1.80
(25)	2.50	2.90	2.40	2.75	3.00	3.00	3.00	2.95	3.00	2.70
(26)	3.20	3.75	3.00	4.00	4.00	4.00	4.00	3.85	4.00	3.50
(27)	7.45	9.00	7.00	8.00	10.00	8.00	8.00	8.25	8.50	7.50
(28)	15.00	15.00	15.00	18.00	16.00	15.00	15.00	18.00	15.00	15.00
(29)	1.00	1.25	.85	1.00	1.00	1.00	1.00	1.10	1.10	.90
(30)	2.00	2.50	4.00	3.50	4.50	2.00	4.00	3.75	2.00	2.50
(31)	1.00	1.00	.80	1.00	1.00	1.50	1.00	1.00	1.10	1.25
(32)	2.50	2.50	2.50	2.50	2.00	3.00	3.00	2.50	2.50	2.00
(33)	2.50	2.50	2.50	2.50	2.00	2.00	3.00	2.25	2.50	2.00
(34)	500.00	650.00	700.00	700.00	500.00	500.00	600.00	650.00	600.00	600.00
(35)	15.00	20.00	17.00	18.00	16.00	20.00	25.00	20.00	20.00	15.00
(36)	25.00	10.00	30.00	50.00	15.00	25.00	25.00	25.00	150.00	100.00
(37)	2.50	3.00	3.50	3.00	2.50	3.00	3.00	3.50	3.00	3.00

CONTRACTS AWARDED

STATE OF OREGON — Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, June 26, and action taken as follows:

Clackamas County — Butte Creek-Rock Creek Section of Woodburn-Mt. Hood Secondary Highway. 2.20 miles grading and surfacing, requiring approximately 31,000 cu. yds. excavation and 13,500 cu. yds. crushed rock or gravel surfacing materials.

Contract awarded to Harold Blake, 400 N. Thompson St., Portland, at $27,206.

Clatsop County—Klaskanaine Summit-Jewell Section of Nehalem Secondary Highway. 12.35 miles resurfacing; also furnish 7,200 cu. yds. of crushed rock in stockpile. Requires approximately 17,200 cu. yds. crushed rock.

Bids rejected. Low bid submitted by Brookfield Co., Astoria, at $31,965.

Columbia County—Treharne Section of Nehalem Secondary Highway. 1.0 mile grading and surfacing and construction of 87-foot standard pile trestle bridge. Requires approximately 27,000 cu. yds. excavation; 660 lin. ft. treated piling; 21 MFBM treated lumber; 55 cu. yds. concrete and 6,100 cu. yds. crushed rock or crushed gravel. This project may be bid in combination with Davies-Banks Project in Washington County.

Bids rejected. Low bid submitted by Homer G. Johnson, Imperial Hotel, Portland, at $36,623.

Deschutes County—McKenzie Pass-Little Butte Section of McKenzie Highway. 8.0 miles resurfacing; also furnish 5,300 cu. yds. crushed rock in stock pile. Requires approximately 11,700 cu. yds. crushed rock.

Contract awarded to Henry C. Nelson, Bend, $7872.

Hood River County—Odell Junction-Dee Section of Hood River Secondary Highway. 3.2 miles surfacing and oil mat surface treatment. Requires approximately 7,800 cu. yds. crushed rock surfacing materials and 35,000 sq. yds. oil mat surface treatment.

Contract awarded to Parker-Shram, Couch Bldg., Partland, at $27,935.

Jackson County—Unit No. 3, McCallister Section of Little Butte Secondary Highway; 2.1 miles grading. Requires approximately 92,000 cu. yds. excavation.

Bids held under advisement. Low bid submitted by McNutt Bros., Eugene, at $53,485.

Lane County—Rainrock - Greenleaf Creek Section of Siuslaw Highway; 16.2 miles surfacing; also furnish 4,100 cu. yds. of crushed material in stock pile. Requires approximately 34,000 cu. yds. crushed rock or crushed gravel.

Contract Awarded to R. O. Dale and Warren Bros., Inc., Silverton, at $84,750.

Marion County — Butteville Road-White School Section of Butteville Road - Hubbard Secondary Highway; 4.08 miles grading and construction of two treated timber pile trestles with concrete superstructures. Requires approximately 284,000 cu. yds. excavation; 4,000 lin. ft. treated piling; 78 MFBM treated lumber and 250 cu. yds. concrete.

Bids held under advisement. Low bid submitted by R. L. Houck, Salem, at $104,058.

Morrow County — Lexington-Sand Hollow Section of Lexington-Echo Secondary Highway. Furnish approximately 7,100 cu. yds. crushed rock in stock pile. This project may be bid in combination with Hermiston-Echo Junction Project in Umatilla County.

Contract awarded to A. S. Wallace, Roseburg, at $11,607.

Multnomah County — Ross Island Bridge-Schiller Street Section of East Portland-Oregon City Highway. 1.38 miles grading and paving; also construction of concrete viaduct and retaining walls. Requires approximately 67,000 cu. yds. excavation; 500 cu. yds. concrete curb; 3,000 sq. yds. concrete sidewalk; 8,500 cu. yds. surfacing rock; 32,300 sq. yds. Portland cement concrete pavement; 2,260 tons asphaltic concrete; 3,400 cu. yds. Class "D" concrete; 670,000 lbs. metal reinforcement and 1,600 lin. ft. concrete handrail.

Bids held under advisement. Low bid submitted by Parker-Schram Co., Couch Bldg., Portland at $243,418.

Polk County—Independence Secondary Highway. 0.56 mile regrading and pavement widening and resurfacing. Requires approximately 1,200 cu. yds. excavation; 8,000 cu. yds. gravel borrow; 1,700 lin. ft. cable guard fence; 1,800 cu. yds. subbase and shoulder materials and 1,000 tons asphaltic concrete.

Bids rejected. Low bid submitted by United Contracting Co., Stock Exchange Bldg., Portland, at $24,974.

Tillamook County — Small Creek-Dolph Section of Little Nestucca Secondary Highway. 1.7 miles grading, requiring approximately 95,000 cu. yds. excavation and 1,000 cu. yds. roadbed topping materials.

Bids held under advisement. Low bid submitted by McNutt Bros., Eugene, at $42,269.

Umatilla County — Hermiston-Echo Junction Section of Hermiston Secondary Highway. Furnish approximately 5,300 cu. yds. crushed gravel in stock pile. This project may be bid in combination with Lexington-Sand Hollow Project in Morrow County.

Bids held under advisement. Low bid submitted by A. S. Wallace, Roseburg, at $8417.

Washington County—Davies-Banks Section of Nehalem Secondary Highway. 1.4 miles grading and surfacing; also construction of two treated timber trestles. Requires approximately 60,000 cu. yds. borrow excavation; 10,000 cu. yds. rock or gravel surfacing materials; 1,200 lin. ft. treated piling; 24 M-FBM treated lumber; and 80 cu. yds. concrete.

Bids held under advisement. Low bid submitted by Chas. H. Leonard, Albany, at $52,742.

Yamhill County — Dayton-Foster Ranch Section of Salem-Dayton Secondary Highway. 1.42 miles grading and surfacing. Requires approximately 16,000 cu. yds. excavation and 11,700 cu. yds. crushed rock or gravel surfacing materials.

Bids held under advisement. Low bid submitted by Chas. H. Leonard, Albany, at $24,728.

Yamhill County — Grub College-Amity-Dayton Secondary Highway. 3.06 miles grading and surfacing; also furnish 2,800 cu. yds. crusher rock in stock pile. Requires approximately 63,000 cu. yds. excavation and 28,800 cu. yds. crushed rock.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

Bids held under advisement. Low bid submitted by Chas. H. Leonard, Albany, at $67,447 on box culvert and $66,697 on multiplate pipe.

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BIDS WANTED

KLAMATH CO. Oregon—Until July 9, 10 A. M., bids will be received by U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for grading about 2.753 miles of Crater Lake National Park Rim Road. Project RTEC-7-D1.

The work involves:

(1) 20 acres clearing;
(2) 15 acres grubbing;
(3) 176,500 cu. yds. unclassified excavation;
(4) 90,000 sta. yds. overhaul;
(5) 2.753 mi. finish earth graded road;
(6) 15 acres roadside cleanup;
(7) 11,000 lin. ft. round cut slopes;
(8) 3300 cu. yds. masonry wall and headwall;
(9) 1550 lin. ft. culverts (alt.);
(10) 50,000 cy. yds. mi. overhaul;
(11) 13,000 cu. yds. handlaid rock embankment, Type 2;
(12) 300 cu. yds. masonry guard rail, Type 2;

Plans and specifications may be obtained from above on deposit of $10.

BIDS WANTED

CONTRA COSTA CO., Calif.—Until July 13, 2 P. M., bids will be received by State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for about 4.4 miles road-mix surface treatment to be applied to shoulders and plant-mixed surfacing to be placed for a length of about 1.2 miles, between the county road to Byron and easterly boundary of Contra Costa County.

The work involves:

(1) 500 tons selected material (shoulders);
(2) 1600 tons mineral agg. (plant-mixed surfacing);
(3) 85 tons liquid asphalt, MC-5 or MC-Extra Heavy (do);
(4) 6 tons asphaltic emulsion, 90-95 base (prime coat);
(5) 10 tons liquid asphalt, MC-3 (seal coat);
(6) 115 tons screenings (seal coat);
(7) 63 tons liquid asph., SC-2 (shoulders);
(8) 14,500 sq. yds. preparing, mixing and shaping shoulders.

Specifications may be obtained from the above office.

BIDS WANTED

BURLINGAME, San Mateo Co., Cal.—Until July 20, 7.30 P. M., bids will be received by the Burlingame City Council, City Hall, for improving and re-surfacing El Camino Real from Broadway southerly to Edgehill Dr., a distance of 1,825 l.f. Estimated cost $18,275.

Bids will be taken as follows:

(1) Asphaltic concrete:
  (a) 1,092 tons, leveling course;
  (b) 915 tons, Type A wearing surf.;
  (c) 50 tons, Type A gutters;
(2) Portland cement concrete, Class "A":
  (a) 140 c.y. curbs and gutters, east side;
  (b) 37 c.y. sidewalks & other curbs and bridge;
  (c) 17 c.y. driveways;
  (d) 16 c.y. concrete pavement base;
(3) 540 l.f. 12-in. T&G plain concrete pipe culvert;
(4) 85 l.f. 12-in. T&G reinf. do;
(5) 76 l.f. 12-in. cast iron pipe culvert;
(6) 50 l.f. 4-in. vit. clay pipe drains;
(7) 5 each standard catchbasins;
(8) One special catchbasin;
(9) 2 each rebuild catchbasins;
(10) 1,050 sq. ft. removing exist. base;
(11) 4,700 sq. ft. removing exist. surface;
(12) Lump sum, reinforcing a bridge structure, not including conc.;
(13) 100 c.y. earth fill (borrow).

Plans and specifications obtainable from City Engineer Cecil Longson at a charge of $5.00.

CONTRACT AWARDED

MARIPOSA COUNTY, Calif.—Wm. Von der Hellen, Medford, Oregon, at $369,376.20 awarded contract by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for grading approximately 5.835 miles on Sections A3 and A4 of Route 3, the Big Oak Flat Road, Yosemite National Park, Mariposa County.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until July 23, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to existing shoulders about 14.3 miles between Palmdale and 14.3 miles westerly, Los Angeles County.

The work involves:
(1) 1125 tons liquid asphalt SC-4;
(2) 135,000 sq. yds. preparing, mixing and shaping shoulders.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and are on file in the offices of District Engineers at San Francisco and Los Angeles.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until July 23, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with plant-mixed surfacing about eight-tenths of a mile between Verdemont and 0.8 mi. westerly in San Bernardino County.

The work involves:
(1) 78 M. gals. water;
(2) 2600 cu. yds. roadway excavation (unclass.);
(3) 150 cu. yds. struc. excavation;
(4) 10,000 sta. yds. overhaul;
(5) 43 sta. finish roadway;
(6) 4460 tons mineral aggregate (plant mix surf.);
(7) 235 tons liquid asphalt SC-2 (plant mix surf.);
(8) 18 tons liq. asphalt SC-2 (prime coat);
(9) 19 tons liq. asphalt 90-95 (seal coat);
(10) 220 tons screenings (seal coat);
(11) 194 lin. ft. 24-in. CMP;
(12) 3 each culvert markers;
(13) 15 each monuments.

The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and are on file in the offices of District Engineers in San Bernardino, San Francisco and Los Angeles.

BIDS WANTED

TEHAMA CO., Cal.—Until July 22, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with crusher run base and plant-mixed surfacing (medium curing type) about 13.4 miles between Route 3 and 1.5 miles east of Dales, Tehama County.

The work involves:
(1) 2,150 M. gals. water;
(2) 750 c.y. rdwy. excav., unclass.;
(3) 21,000 c.y. selected material;
(4) 703 sta. finishing rdwy.;
(5) 45,600 tons crusher run base;
(6) 20,400 tons mineral agg. (plant-mixed surf.);
(7) 1,000 tons liquid asphalt MC-5 or MC - Extra Heavy (plant-mixed surf.);
(8) 235 tons liquid asph. MC-2 (prime coat);
(9) 110 tons asphalt emulsion 90-95 (seal coat);
(10) 1,000 tons screenings (seal coat).

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the offices of District Engineers in Redding, San Francisco and Los Angeles.

BIDS WANTED

SAN DIEGO CO., Cal.—Until July 23, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with portland cement concrete about 2.7 miles on El Cajon Ave. from Texas Street to Euclid Ave. in the city of San Diego.

The work involves:
(1) 3 each removing and replanting trees;
(2) 1,200 M. gals. water;
(3) 14,660 c.y. removing and disposing of existing pavement, curbs and sidewalks;
(4) 3,000 sq. yds. removing and disposing of existing asph. concrete pavement surf.;
(5) 25,600 c.y. rdwy. excav., unclass.
(6) 385 c.y. struc. excav.;
(7) 31,000 c.y. imported borrow;
(8) 66,100 sq. yds. subgrade for pave.
(9) 2,100 tons crusher run base;
(10) 5,600 tons mineral agg. (plant-mixed surf.);
(11) 235 tons liquid asphalt, MC-5 or MC-Extra Heavy;
(12) 185 tons grade E asphalt cement membrane seal;
(13) 26 tons emulsified asphalt penetration type;
(14) 13,430 c.y. Class A Portland cement concrete pavement;
(15) 650 c.y. Class A do (plug);
(16) 1,075 c.y. Class A Portland cement concrete curbs, gutters & sidewalks;
(17) 70 c.y. Class A white Portland E cement concrete (pedestrian island, curbs and safety blocks);
(18) 17,990 each pavement dowels;
(19) 33,300 lbs. reinf. steel pavement;
(20) 2,450 l.f. 4-in. standard tile underdrain;
(21) 315 c.y. rock filling material;
(22) 4 each pavement crossing devices type B-10;
(23) 45 each adjusting existing manholes to grade.

Plans and specifications may be obtained from the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file in the offices of the District Engineers, in San Diego, San Francisco and Los Angeles.

BIDS WANTED

VENTURA CO., Cal.—Until July 23, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for surfacing with plant-mixed surfacing and applying road-mix surface treatment to shoulders on portions, a length of 16.2 miles between Somis and one mile east of Simi and between Castaic Junction and 2.4 mi. west thereof.

The work involves:
(1) 13,210 tons mineral aggregate plant mixed surface medium curing type, Location A;
(2) 3,400 tons do, Location B;
(3) 795 tons liquid asphalt MC-4 or MC-5 or MC-Extra Heavy, Location A;
(4) 205 tons do, Location B;
(5) 103,000 sq. yds. asph. paint binder, Location A;
(6) 37,000 do, Location B;
(7) 350 tons liquid asphalt SC-2, Location C;
(8) 43,000 sq. yds. preparing, mixing and shaping shoulders.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of District Engineers at San Francisco and Los Angeles.

30—RESERVOIRS & DAMS

PROJECT TRANSFERRED

STATE OF TEXAS.—Under a revised contract between the Government and the Lower Colorado River Authority, Dams Nos. 1 and 2 of the Colorado River of Texas project will be constructed by the Authority instead of by the Bureau of Reclamation.

Bids received by the bureau for constructing Dam No. 2 (Arnold Dam) have been rejected. Contracts preliminary to construction of Dam No. 1 (Hamilton Dam) have been assigned to the Authority. They are for clearing the reservoir, constructing the north dike and supplying cement.

The Lower Colorado River Authority was set up by the Texas Legislature. It has received a grant of $4-500,000 and a loan of $10,500,000 from PWA funds. In addition the Bureau of Reclamation was allotted $5,000,000 to be spent on the project as the Government's contribution in return for flood control benefits.

BIDS WANTED

LOS ANGELES, Cal.—Until July 30, 10 A. M., bids will be received by the Metropolitan Water District, 306 West 3rd St., Los Angeles, for constructing precast concrete or steel pipe lines and appurtenant works for the Upper Feeder of the Colorado River Aqueduct Distribution System, in accordance with plans and specification No. 154 which may be obtained at the office of the Chief Engineer, Rm. 1007, 306 West Third St., Los Angeles, upon payment of $5, not returnable.

The work is located in Los Angeles County and comprises approximately 4.42 miles of pipe line construction divided into schedules as follows:

SCHEDULES 9P OF 9S, principally in Sierra Madre between the Big Santa Anita Wash and Mountain Trail Avenue.

SCHEDULE 10P, principally in the unincorporated area between Sierra Madre and Pasadena.

SCHEDUUE 11P, across the Arroyo Seco in the western part of the City of Pasadena.

The lengths of the respective schedules and the sizes of pipe required are as follows:

SCHEDULE 9P OF 9S—1.65 miles, precast 9-ft. 8-in., steel 10-ft. 3-in.

SCHEDULE 10P—1.99 miles, precast 9-ft. 8-in.

SCHEDULE 11P—0.78 mile, precast 9-ft. 8-in.

Award will not be made for less than all the items in a schedule. Schedules 9P and 9S are alternative and both will not be awarded. A bid on either Schedule 10P or 11P will not be considered unless the bidder submits a proposal for both of said schedules; and an award if made thereunder will not be made for less than both of said schedules in a single contract. Each proposal must be accompanied by a certified or cashier's check for an amount not less than 10% of the maximum amount of work included in the proposal. F. W. Weymouth, General Manager and Chief Engineer.

BIDS WANTED

TULARE COUNTY, Cal.—Until July 13, 8 P. M., bids will be received by the Board of Trustees of Richgrove School District, Tulare County, for drilling and casing a well and furnishing a pressure system.

The work involves:

(1) Drilling and casing 350 feet of 8-in. well, using 8-in. No. 14 gauge double hard red steel, including 100 feet factory perforated casing ⅛x1 chan. cut.

(2) One automatic pressure system complete, installed, including all necessary pipe and fittings; 280 feet 3-in. standard pipe with 2¾-in. brass draw valve cylinder and wood rods to deliver not less than 300 gals. per hour.

HEARING SET

SAN DIEGO COUNTY, Cal.—Major Theodore Wyman Jr., District Engineer, Los Angeles, will conduct a public hearing Friday July 24, 10 A. M., in Council Chamber of San Diego City Hall, to obtain data on flood control for the San Diego River in ac-

cordance with provisions of the Federal Flood Control Act of 1936.

PLANNED

SAN DIEGO, Calif.—Hydraulic Engineer Fred D. Pyle has recommended to the city council that Barrett Dam be raised 71 feet to increase reservoir capacity from 13,900,000,000 gallons to 43,000,000,000 gals. Report referred to city manager for recommendation. •

31 — PIPE LINES & WELLS

CONTRACT AWARDED

SAN FRANCISCO. — Lindgren and Swinerton, Inc., 225 Bush St., awarded contract by Shell Oil Co., San Francisco, for constructing 304-mile pipe line from Kern County oil fields to Martinez refinery and for about 44 miles of gathering lines and various cross connections with existing lines. Including 25,000 tons of steel pipe furnished by the company, the project will cost about $4,500,000.

Work will be supervised from Los Angeles office of contractor by Van W. Rosendahl. Sub-contracts may be awarded for hauling and welding.

Contractor will use 40 trucks, six trenching machines, 12 compressors, 12 tractors and 60 welding machines. About 500 men to be required, including 120 welders. Hiring to begin immediately at Wilmington, Bakersfield, Caliola, Corral, Martinez, Meganos and Stockton. Construction will start simultaneously at Bakersfield, Caliola, Martinez and Meganos.

Contract is to be completed in 90 days after delivery of pipe.

The main pipe line will be of 10-in. seamless steel pipe, laid in trench and electrically welded. Feeder lines will be 6- 8- and 12-inch.

Four pumping stations to be constructed are not included in the Lindgren & Swinerton contract.

BIDS OPENED

ALCATRAZ ISLAND, Cal. — Scott Co., 243 Minna St., San Francisco, submitted low bids to the Bureau of Prisons, J. A. Johnson, Warden, Alcatraz Penitentiary, under Bid No. 703, for construction of a new 6-in. sea water pipe line and connections and excavating and building sump, from the pump house at power plant to water tonks on roof of Building No. 68, and a sump in the pump house with sluice and screens to bay.

Bids were taken as follows:

(1) Construction of 6-in. wrought iron galvanized pipe line;
(2) Construction of 6-in. galvanized duroline pipe line;
(3) Construction of 6-in. duroline pipe line, not galvanized;
(4) Construction of 8-in. wrought iron pipe line;
(6) Construction of 8-in. duroline pipe line, not galvanized;
(7) Lump sum, excavate and build sump.

Complete bids follow:

Scott Co., San Francisco: (1) $3317; (2) $3117; (3) $2792; (4) $4310; (5) $3627; (6) $4127; (7) $4030; completion in 75 days.

Herman Lawson Co., San Francisco, (1) $4367 (2) $4193; (3) $3893; (4) $5957; (5) $5685;; (6) $5287; (7) $4735.

Frederick W. Snook Co., San Francisco: (1) $4555; (2) $4360; (3) $4038; (4) $6540; (5) $6320; (6) $5845; (7) no bid.

Henry Ernst & Sons, San Francisco: (1) $5076; (2) $4944; (3) no bid; (5) $7469; (5) $6968; (6) no bid; (7) no bid.

Contract will be awarded the Scott Co. for construction of 6-in. line type of pipe not determined as yet. All bids for the sump will probably be rejected. •

CONTRACT AWARDED

SAN MATEO COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $119,297.50 awarded contract by Public Utilities Commission under Spec. No. W.D. 107 for reconstruction of portions of the Pilarcitos and Stone Dam aqueduct, a PWA project.

BIDS WANTED

SACRAMENTO, Cal.—Until July 10, 2:30 P. M., bids will be received by the U. S. Indian Irrigation Service, 751 S. Figueroa Street, Los Angeles, under Spec. No. 0280 for drilling, casing, perforating, sand pumping and testing one 12-in. dia. water well, 60 to 200 ft. in depth in Sacramento Co., near the town of Wilton, 28 miles southeast of Sacramento and 6 miles east of Elk Grove. Federal Project No. 600. Bid security 5% must accompany bid.

The items are:

(1) 100 ft. drilling and casing the first 100 ft. or less, inc. furnishing & installing casing and starters;
(2) 100 ft. same as item (1) for any and all depths exceeding 100 ft.;
(3) 10 hours use of rig, equipment and crew for perforating, sand pumping, etc.;
(4) lump sum—1 well developed and tested with deep well turbine pump;
(5) 200 ft. drilling and casing pilot holes 4 to 6 in. in dia.

ALTERNATE PROPOSAL

(1-A) 100 ft. drilling and casing all depths not in excess of 100 ft.—the Government to furnish casing and starters at Elk Grove;
(2-A) 100 ft. same as item (1-A) for any and all depths exceeding 100 ft. • 31

CONTRACT AWARDED

ALCATRAZ ISLAND, Calif.—Scott Co., 243 Minna St., San Francisco, at $3,317 for 6-in. wrought iron galvanized pipe line, and at $4,030 for excavating and building sump, awarded contract by the Bureau of Prisons, J. A. Johnson, Warden, Alcatraz Pentientiary, under Bid No. 703, for construction of a new 6-in. sea water pipe line and connections and excavating and building sump, from the pump house at power plant to water tanks on roof of Building No. 68, and a sump in the pump house with sluice and screens to bay.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

STOCKTON, San Joaquin Co., Cal. —M. J. B. Constr. Co., 319 Elks Bldg., Stockton, submitted low bid to Stockton City Council for extensions to the north and south sewage disposal plants.

Bids were taken as follows:

Item I—Construction of north plant complete, including construction of the sludge pressure line, to south plant, and connecting it to existing Imhoff Tank as shown.

Item II Alt.—Construction of north plant complete as above, excepting the detritor and appurtenant channels within the limits delineated by broken line and designated as eliminated under Item 11 on sheet 19 of plans.

Item III—Construction of south plant complete, as shown on the plans and specified, including the sludge pressure line to the existing Imhoff Tank to convert it to a construction of sludge lagoons in area shown.

Item IV Alt.—Construction of south plant complete as above, excepting the detritor and appurtenant channels within the limits delineated as eliminated under item 4 on sheet No. 4 of the plans.

Complete bids follow:

(A) M.J.B. Constr. Co., Stockton.
(B) W. J. Tobin, Oakland.
(C) John Hachmann, Stockton.

	(I)	(II)	(III)	(IV)
(A).....	$ 81,500	$77,250	$63,900	$59,660
(B).....	93,533	88,965	82,476	77,840
(C).....	102,500	95,000	72,500	65,000

Bids taken under advisement.

LOW BIDDER

LOS ANGELES, Cal.—V. C. K. Construction Co., 5629 Via Corona, at $45,587 submitted low bid to the Los Angeles Board of Public Works for constructing sewers in Redwood Ave., between southeasterly line of Lucille Ave. and northwesterly line of first alley northeast of Venice Blvd.

BONDS VOTED

EUREKA, Humboldt Co., Calif.—A bond issue of $40,000 authorized at special election to finance construction of 36-inch sewer line on Washington Street from Broadway to the bay. The line will be 2750 ft. in length replacing existing wood stave pipe.

Application will be filed with PWA for 45% grant of cost.

Evan S. Gardner, city engineer.

BONDS VOTED

DECOTO, Alameda Co., Calif. — A bond issue of $56,000 was voted at a special election in the Decoto Sanitary District to finance construction of a sewer system and sewage treatment plant. Estimated total cost is $110,000. Application will be made to the government to furnish the balance of funds as a WPA project.

John A. Mancini, 774 Pinedale Court Hayward, district engineer.

BIDS RECEIVED

SUNSET BEACH, Orange Co., Cal. Six bids received by the Sunset Beach Sanitary District, June 26, for constructing proposed sanitary system, treament plant and ocean outfall were not opened pending hearing on an injunction to restrain the proceedings. Court hearing is set for July 3. If the temporary restraining order is dissolved bids will be opened July 6 at 8 P. M. •

PLANNED

STOCKTON, San Joaquin Co., Cal. —City Council has adopted Resolution of Intention to improve South Tuxedo Avenue by constructing main and lateral sewers and has set July 15, 8 P. M., as the time for hearing protests.

BIDS OPENED

SAN FRANCISCO—W. J. Tobin, 586 Howard St., at $867 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 114, for the laying of 12-in. cast iron feeder mains in Harrison Street between First and Essex Streets.

The work involves:

(1) 520 l.f. excavation and backfill for 12-in. cast iron pipe, trench 24-in. wide by 44-ft. deep;
(2) 10 c.y. additional excavation and backfill;
(3) 50 sq. ft. additional pavement removal and replacement;
(4) 520 l.f. installing 12-in. bell and spigot cast iron pipe;
(5) 1,380 lbs. installing fittings, gate valves, etc.;
(6) 140 l.f. making joints for 12-inch cast iron bell and spigot pipe and fittings;
(7) 460 sq. ft. repavement.

Total bids follow:

(A) W. J. Tobin, S. F. ..... $ 867.00
(B) M. J. Lynch, S. F..... 1442.10
(C) Chas. L. Harney, S F..... 1570.00

Unit bids follow:

	(A)	(B)	(C)
(1)	$1.00	$1.50	$2.10
(2)	3.00	3.00	2.00
(3)	.40	.35	.30
(4)	.15	.60	.40
(5)	.04	.02	.05
(6)	.35	.65	.20
(7)	.25	.40	.30

Bids held under advisement.

TO APPOINT ENGINEER

NORTH SACRAMENTO, Sacramento Co., Calif.—City Council has authorized Water Commission Kenneth Hammaker to engage an engineer to prepare plans for a municipal water system. A PWA allotment of $132,000 to the city once authorized for the

AWARD RECOMMENDED

STOCKTON, San Joaquin Co., Cal.—Stockton City Council has recommended to the PWA that contract for extension to the north and south sewage disposal plants to be awarded M.J.B. Const. Co., 319 Elks Building, Stockton, at $136,910 (Items II and IV) for construction of the plants, omitting the detritor and appurtenant channels.

33— WATER WORKS

CONTRACTS AWARDED

LOS ANGELES, Calif. — Contracts have been awarded by the Los Angeles Water and Power Commission, 207 South Broadway, for furnishing cast iron water pipe under Spec. No. X-29, as follows:

Items 1, 2, 3, 6, 7, 8, 17, 18, 20, 21 and 22 to U. S. Pipe & Foundry Co. at $325,818.90.

Items 4, 5, 13, 14 and 15 to American Cast Iron Pipe Co. at $146,300.

Items 9, 10, 11, 12 and 19 to National Cast Iron Pipe Co. at $107,475.

Items 23 and 24 to Florence Pipe Foundry & Machine Co. at $21,762.

Item 16 to Pacific States Cast Iron Pipe Co. at $22,400.

The bids were opened June 17. Complete bids are on file at the office of DAILY PACIFIC BUILDER

PLANNED

YREKA, Siskiyou Co., Calif.—City Council has authorized Mayor Al. Herzog to complete report on proposed Martin Springs water supply project to be submitted to PWA with application for a grant toward an estimated cost of $145,000. Arthur O'Connor, consulting engineer, will install a wier at the springs to measure the flow and make a preliminary survey of the pipe line route to determine approximate length of pipe required

BIDS WANTED

MARTINEZ, Contra Costa Co., Cal.—Until July 10, 8 P. M., bids will be received by Martinez City Council, R. B. Johnson, City Clerk, for furnishing and erecting a welded steel storage tank for the Martinez water system. Alternate proposals will be received for furnishing a tank of 15,275 gallon capacity and for 23,500-gallon capacity.

Specifications on file at the office of City Engineer O. K. Smith.

34 — PARKS AND PLAY-

CONTRACT AWARDED

PATTON, San Bernardino Co., Cal.—Standard Fence Co., 60th & Lowell Sts., Oakland, at $3330 awarded contract by the State Division of Architecture, Sacramento, for chain link fencing at the dairy area at the Patton State Hospital.

BIDS OPENED

SEBASTOPOL, Sonoma Co., Calif.—Santa Rosa Nursery, Santa Rosa, at $173 submitted low bid to Treasury Department, Washington, D. C., for seeding and planting grounds of the U. S. post office at Sebastopol.

Complete bids follow:

Santa Rosa Nursery, Santa Rosa	$173.00
Moline Nursery, Sebastopol	525.65
J. W. Robinson, Sebastopol	774.85

PLANS BEING PREPARED

ANTIOCH, Contra Costa Co., Calif.—City Engineer George Oliver is preparing plans for leveling the grounds, surfacing, constructing double handball courts, volley ball court, basketball court, two tennis courts, flood lighting systems wire fencing, etc., for a recreation center on the grammar and high school grounds in Antioch between D and F Streets.

Work will be done by the WPA.

35— TUNNELS

PLANNED

TUOLUMNE CO., Cal.—Pacific Gas & Electric Co., 245 Market Street, San Francisco, plans construction of 17,300-foot tunnel from its Stanislaus power plant east of Vallicita to replace existing wood flume of 350 second feet capacity. Work probably will be done with company forces. Estimated cost $560,000.

29—STREETS AND HIGHWAYS

BIDS OPENED

TEHAMA COUNTY, Calif.—Tiffany Const. Co., 535 N 7th St., San Jose, at $21,835 submitted low bid to the Bureau of Public Roads, Federal Office Bldg., San Francisco, for grading a portion of Sections A and C of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Tehama County.

The work involves:

(1) 30,500 c.y. unclass. excav.;
(2) 120 c.y. do for structures;
(3) 84,000 sta. yds. overhaul;
(4) 0.567 miles finishing earth graded road;
(5) 50 l.f. 66-in. corrugated galvanized metal pipe, 10 gauge;
(6) 104 l.f. 66-in. do, 8 gauge;
(7) 102 l.f. remove and relay CMP;
(8) 11 c.y. concrete;
(9) 700 lbs. reinforcing steel;
(10) 18 tons asphaltic road material, Type SC-2;
(11) 240 l.f. wood guard rail.

Total bids follow:

(A) Tiffany Const. Co., San Jose, $21-835.00.
(B) Larsen Bros., Sacramento, $24,-045.50.
(C) Leo F. Piazza, San Jose, $26,203.70
(D) Biasotti, Willard and Biasotti, Stockton, $31,661.50.
(E) Engineer's estimate, $20,668.75.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .50	$ .60	$ .68	$ .80	$ .50
(2)	2.00	1.50	3.00	2.00	1.50
(3)	.02	.01	.01	.02	.015
(4)	200.00	500.00	400.00	500.00	250.00
(5)	19.00	18.00	16.60	22.00	15.50
(6)	21.00	20.00	19.60	23.00	18.00
(7)	1.50	1.00	.75	.50	1.00
(8)	35.00	40.00	30.00	50.00	35.00
(9)	.10	.08	.06	.07	.07
(10)	25.00	28.00	20.00	30.00	23.00
(11)	1.50	1.50	1.50	2.00	1.00

Bids held under advisement.

BIDS OPENED

SANTA BARBARA CO., Calif.—A. S. Vinnell Co., 1100 Westminster Ave., Alhambra (Alh. 8444), submitted the low bid to the California State Highway Department, 50 Higuera St., San Luis Obispo, June 30, at $8861.60, for highway construction in Santa Barbara County, between Zaca and Los Alamos (V-S.B-2-C), about 7.7 miles in length, road-mix surface treatment to be applied to existing shoulders.

The next two bids were:

Oilfields Trucking Co., Bakersfield, $8872.20.

John Fesler, Santa Maria, $10,918.

BIDS WANTED

SHASTA COUNTY, Cal.—Until July 17, 2 P. M., bids will be received by the State Division of Highways, F. W. Haselwood, District Engineer, Redding, for furnishing and applying liquid asphalt on about 7.3 miles between Four Corners and seven miles northerly, in Shasta County.

Specifications and proposal forms may be obtained on application to the above.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until July 13, 2 P. M., bids will be received by State Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for applying road-mix surface treatment to shoulders, a length of about 1.4 miles between Verdugo Road and Flintridge Country Club, Los Angeles County.

The work involves:

(1) 275 tons liquid asphalt, SC-4;
(2) 26,500 sq. yds. preparing, mixing and shaping shoulders.

Specifications and proposal forms may be obtained from above office.

BIDS OPENED

SAN FRANCISCO—Main Engineering Co., 110 Hooper St., San Francisco, at $452 submitted low bid to the Department of Public Works, City Hall, for retubing boiler of 8-ton Galion roller consisting of 120 1½-in. tubes and ferrules, and installing and riveting plates on front roller and turning down smooth (⅝-in. plates); and installing and riveting plate on front roller of 5-ton Springfield (⅝-in. sheet).

Ocean Shore Iron Works, San Francisco, at $464 submitted the only bid.

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Building and Engineering News

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$700,000 S. F. Airport Terminal Advertised

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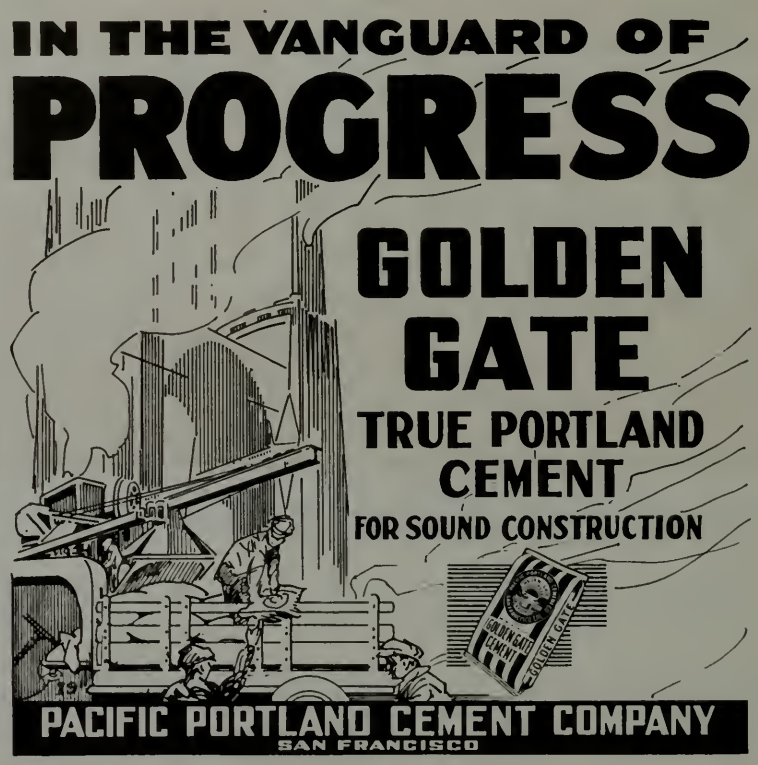

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SUPPLY DEPOT WORKS CHIEF OPENS OFFICE

Constructing Quartermaster Arrives In Sacramento To Direct $7,000,000 Project

Captain Arthur W. Parker, constructing quartermaster for the $7-000,000 Sacramento Air Depot, has established temporary offices in the Sacramento Chamber of Commerce. He will open headquarters probably before the end of the week in the old post office terminal adjacent to the Southern Pacific station.

Personnel to assist Capt. Parker is being assigned from Washington and other Army posts. Among the first aides to arrive in Sacrament will be Robt. S. Swift, chief civilian engineer, and W. J. Sharp, chief clerk.

Plans for the depot are being prepared in Washington by the quartermaster general. The first building contracts will be advertised about December 7. Options for all parcels of property comprising the 1276-acre site have been obtained and title will be transferred at an early date. The property all has been procured by negotiation and condemnation proceedings will not be necessary.

Site surveys will start immediately and grading and drainage work is expected to start in about sixty days.

Among the first building contracts to be advertised will be that for erecting the huge engineering shops, a building 902 feet long by 367 feet wide and three stories in height. It will contain 12,500,000 cubic feet. Estimated cost of this unit is $1,406,198.

The last Congress authorized an expenditure of $7,000,000 on the Sacramento Air Depot. It will replace Rockwell Field on the Pacific Coast as the Army Air Corps supply and repair base, and will be larger and more complete than any of the other air corps depots.

The Bureau of Census reports that orders for galvanized range boilers were 253,313 for the first four months of 1936, as against 223,416 for the same period last year.

Bids Called For $700,000 Airport Terminal Building On Shoals Site

Contract for erecting another building on the 1939 World's Fair site was advertised yesterday by the Public Utilities Commission for bids to be received July 22. The building, which will be used by the Exposition temporarily, is designed to house administrative offices and terminal facilities of the municipal airport which will occupy the Yerba Buena Shoals acreage when the exposition vacates. It will cost approximately $700,000, according to the Exposition Corporation.

The terminal building will be semi-circular in form, 388 feet in length on the exterior and 220 feet in length on the interior. The first floor will be 84 feet wide. The second floor will be 64 feet in width, with a 10-foot promenade affording a view of the entire operations area. The building will be three stories in height with a control tower at the center above the roof level. A full basement will house a 250-car garage. A driveway will extend through the full length of the building at the basement level.

The first floor will contain offices and waiting rooms; the second floor administrative offices, dining room and kitchen. The third floor will house operations headquarters. Provision is made for post office and customs offices, anticipating the time when the airport will be the port of entry for international air lines.

Reinforced concrete construction will be used throughout, excepting some structural steel. The building will be set on pile foundations.

The architectural treatment is of extreme simplicity on modern lines. The building was designed by the exposition architectural staff, with Architect W. P. Day as director of works and Architects George Kelham, Timothy Pfleuger, Arthur Brown, Jr., Ernest Weihe, Lewis Hobart and W. G. Merchant as the architectural advisory board.

Contracts have been let for work at the exposition site to Healy-Tibbitts Construction Company for constructing the ferry slips and to MacDonald & Kahn Co., Ltd., for erecting two hangars. The work is financed with a PWA grant and with funds subscribed by the Exposition Corporation.

$20,742,000 JUNE AWARDS SET RECORD

First-Half Total Iu Major Cities Approximates $108,000,000

Building permits on the Pacific Coast in June rose to a new level for the current upturn, according to official reports from 100 representative city and county building inspection departments.

Last month the value of work for which 11,194 permits were issued was $20,742,117. This is approximately seven hundred thousand dollars higher than the March total, the best previous month in recent years and is about one million dollars higher than the May total.

Los Angeles reported awards totalling $5,867.802, a new monthly **record since 1930.** Of that amount $3,024,364 was for residential building to provide 812 new family units. Oakland ranked in second place in value of permits, the month including contracts for units of Owens-Illinois factory. Oakland residential work was valued at $287,966. San Francisco reported a total of $1,279,602 in permits, of which $775,111 was for residential work, including 206 family units.

Building for the first half of the year in Pacific Coast cities and counties reporting to DAILY PACIFIC BUILDER was valued at $108,000,000. This compares with $62,000,000 for the first half of 1935 and with $68,500,000 for the entire year of 1934.

STOCKTON WAGE RATES FIXED BY AGREEM'T

Exchange And Unions Ratify Recommendation Of Conference

A wage scale for the building trades in the Stockton area has been ratified by Stockton Builders' Exchange and the Stockton Building Trades Council, establishing hours and rates of pay for all principal crafts for the period ending April 1, 1937.

The scale was adopted on recommendation of the joint conference board of 22, equally representative of employers and employes, which was established by the exchange and the organized labor group early ths year. Terms of the agreement provide that no strike shall be called, except upon authority of the trades council and after the employer has failed to comply with a decision of the joint conference board.

Following are the hours and hourly wage rates for the various crafts as approved:

	Hours Per Wk.	Per Hr.
Asbestos and stone	40	$1.00
Brick and stone masons	30	1.50
Tile setters	40	1.12½
Cement finishers	40	1.12½
Carpenters	40	1 10
Glaziers	40	1.00
Iron workers, structural	40	1.37½
House smiths	40	1.12½
Laborers—		
Common	44	.62½
Concrete	44	.87½
Brick	30	1.00
Plasterers	30	1.10
Mixer operators	44	1.00
Electricians	40	1.12½
Lathers	30	1.25
Lathers, piece work	$6.00	per M.
Painters	40	1.05
Pile drivers and bridge and dock carpenters	40	1.33⅓
Plasterers	30	1.50
Plumbers & steamfitters	40	1.18¾
Ornamental Iron:		
Worker outside	40	1.12½
Worker inside	40	.90½
Roofers	40	1.00
Roofer foreman	40	1.12½
Roofer, kettleman	40	.62½
Roofer, laborer	40	.62½
Mill men	40	.93¾
Mill wrights	40	1.12½
Sheet metal workers	40	1.18¾

PLUMBING FIXTURE STANDARD REVISED

A revision of the Commercial Standard for Staple Vitreous China Plumbing Fixtures will become effective for new production after September 30, I. J. Fairchild, chief of the Division of Trade Standards, Department of Commerce, announces. The proposed revision was submitted to the industry April 28, 1936, and since that time has been accepted by a majority of producers, distributors and users.

The new standard will be identified at CS20-36. Until printed copies are prepared a mimeographed copy will be supplied, designated as TS-2247, by the standards division.

SO. CALIFORNIA TREASURY JOBS OVER $11,000,000

L. A. Federal Building To Cost $6,250,000 Ready To Advertise

The Treasury Department building program in Los Angeles and other cities of Southern California contemplates contracting of $11,335,000 on twelve projects within the next year. These include new Los Angeles Post Office and Courts Building to cost $6,250,000, the largest single building contract to be figured this year in the Pacific Coast states, and a working post office in Los Angeles for which $2,600,000 has been appropriated.

The post office and courts building has reached the specification stage and a date for receiving bids is expected shortly. Plans are not yet completed for the working post office building, according to the last Treasury Department report.

Other Southern California appropriations for Federal building are: Pasadena, $215,000; San Diego, $410,000; Los Angeles Naturalization and immigration station, $625,000; Riverside, $330,000; Santa Monica, $315,000; South Gate, $80,000; Burbank, $210,000; Monrovia, $128,000; Downey, $73,000; Brawley, $99,000.

$2,000,000 S. F. Postal Station Site Bids Asked

Bids for a site for the Parcel Post Station to be built in San Francisco to replace the Ferry Post Office will be taken by Postmaster W. M. McCarthy, July 16, it was announced yesterday by Director of Procurement C. J. Peoples for the Treasury Department.

An item of $2,000,000 is included in the current Treasury building appropriation for the San Francisco station. A site is sought in the vicinity of the Bay Bridge terminal in order to facilitate handling of eastern and northern mails.

The notice states that the site must be approximately 150,000 sq. ft. in area and be located within the region bounded by Second St., Mission St., the Embarcadero and Bryant St., but preferably near Beal and Folsom. No restrictions are placed on the dimensions of the lot.

Prospective bidders will be supplied with proposal blanks and bid information on application to the postmaster. The bids will be opened here at 9 A. M., July 16.

BUILDING IN FOUR COUNTIES CONTEMPLATED

Public Projects To Be Proposed For Government Program

Public building projects in four Northern California counties to involve an expenditure of more than $500,000 are being considered by local authorities. All of them probably will be submitted to PWA for grants.

The San Joaquin County Board of Supervisors will propose a special tax to raise $250,000 for erecting a new county jail, which would be the first unit of a projected new court house. The proposal will be submitted to voters at the election August 25.

Stanislaus county voters will ballot at the November election on a $150,000 bond issue for constructing a new hall of records. A portion of the bond proceeds would be used to remodel the court house.

The city of Santa Cruz has earmarked $15,000 in a special fund to be used for the first unit of a new city hall. Application will be made to PWA for matching funds and the municipal water department will advance a portion of the cost. The city council directed a committee composed of Mayor C. D. Hinkle, City Attorney Francis Hall and City Engineer Roy Fowler to consult architects on plans for the new building.

Palo Alto board of public works has prepared a recommendation to the city council that a $40,000 office building be erected to house the department. The city will ask PWA for a grant of 45 per cent of the cost.

ALBERT H. LARSEN RESUMES PRACTICE

Architect Albert H. Larsen has resumed private practice in San Francisco and has opened offices at 333 Kearny Street. Mr. Larsen has been in the government service for nearly three years in San Francisco.

He was supervising architect with CWA and succeeded to director of projects for SERA and later to field engineer in charge of building construction for WPA. Some of the projects he handled were the rehabilitation of the San Francisco city and county hospital, civic auditorium, hall of justice, Laguna Honda home, reconstruction of Kezar stadium, deYoung museum, Golden Gate Park stables and various fire houses and police stations.

Shipments of oil burners for May 1936, amounted to 12,204 as against 9,738 for the same month last year, according to the report of the Bureau of Census.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1338	Arnott	Owner	5000
1339	Arnott	Owner	5000
1340	Heyman	Owner	5950
1341	Heyman	Owner	5950
1342	Heyman	Owner	5250
1343	Heyman	Owner	5250
1344	Heyman	Owner	5250
1345	Heyman	Owner	5950
1346	Heyman	Owner	5950
1347	Heyman	Owner	5950
1348	Heyman	Owner	5950
1349	Heyman	Owner	1349
1350	Heyman	Owner	5250
1351	Heyman	Owner	5250
1352	Heyman	Owner	5250
1353	Heyman	Owner	5250
1354	Heyman	Owner	5250
1355	Heyman	Owner	5250
1356	Heyman	Owner	5950
1357	Heyman	Owner	5950
1358	Heyman	Owner	5950
1359	McCabe	Owner	4500
1360	Anza	Rousseau	5000
1361	Kaul	Owner	2000
1362	Anderson	Owner	3250
1363	Rasitsckis	Owner	2000
1375	Capital	Langfelder	10000
1376	Walter	Owner	5000
1377	Moffat	Rahlman	35000
1378	Sunset	——	15000
1379	Gump	Wald	3000
1380	Peterson	Peterson	3000
1381	Pauls	McCabe	1000
1382	Anza	Rousseau	7500
1383	Anza	Rousseau	7500
1384	Anza	Rousseau	9000
1385	Johnson	Fridstrom	3500
1386	Davini	Faggioni	4000
1387	Chamberlain	Wagner	3000
1388	Pischel	Owner	1500
1389	Perris	Lambertson	1500
1390	Walter	Owner	5000
1391	Green's	Barrett	3000
1392	Dutch	Mullen	1850
1393	Soares	Owner	2000
1394	Siegal	Mullen	1800
1395	De Benedetti	Owner	3500
1396	Liebman	Owner	6500
1397	Props	Owner	——
1398	Simon	Kelly	1000
1399	Karp	Karp	5000
1400	Houda	Owner	40000
1401	Cline	Malloch	1500
1402	Bostelmann	Jacks	6668
1403	Dempster	Cahill	40000

DWELLING
(1338) N RIVERA 123 N 15th Avenue Two-story and basement frame dwelling.
Owner—Jas. Arnott & Sons, 633 Taraval St., San Francisco.
Architect—Not Given. $5000

DWELLING
(1339) N RIVERA ST. 71 W Fifteenth Ave. Two-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval St., San Francisco.
Architect—Not Given. $5000

DWELLING
(1340) E STANYAN ST. 119 S Anza St. Two-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5950

DWELLING
(1341) E STANYAN ST. 197 S Anza St. Two-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5950

DWELLING
(1342) E STANYAN ST. 275 S Anza St. Two-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5950

DWELLING
(1343) W STANYAN ST. 109 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5250

DWELLING
(1344) W STANYAN ST. 186 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5250

DWELLING
(1345) W STANYAN ST. 263 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5250

DWELLING
(1346) E STANYAN ST. 145 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5950

DWELLING
(1347) E STANYAN ST. 329 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5950

DWELLING
(1348) E STANYAN ST.. 223 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5950

DWELLING
(1349) E STANYAN ST. 301 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5950

DWELLING
(1350) W STANYAN ST. 134 S Anza. St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5250

DWELLING
(1351) W STANYAN ST. 211 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5250

DWELLING
(1352) W STANYAN ST. 288 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5250

DWELLING
(1353) W STANYAN ST. 160 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given $5250

DWELLING
(1354) W STANYAN ST. 237 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco
Architect—Not Given. $5250

DWELLING
(1355) W STNAYAN ST. 83 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco
Architect—Not Given. $5250

DWELLING
(1356) E STANYAN ST. 249 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5950

DWELLING
(1357) E STANYAN ST. 93 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5950

DWELLING
(1358) E STANYAN ST. 171 S Anza St. Two-story & basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $5950

DWELLING
(1359) W TWENTY-SIXTH AVE. 40 S Ocean Ave. One-story and basement frame dwelling.
Owner—James W. McCabe, 716 Ulloa St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4500

DWELLING
(1360) S MARINA BLVD. 72 W Beach St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St., S. F. $5000

ALTERATIONS
(1361) NO. 2338 MISSION ST. Alter store.
Owner—Kaul Shoe Store, 2310 Mission St., San Francisco.
Architect—Not Given. $2000

DWELLING
(1362) E TWENTY-NINTH AVE. 225 S Rivera St. One-story and basement frame dwelling.
Owner — N. W. Anderson, 2427 24th Ave., San Francisco.
Architect—Not Given. $3250

DWELLING
(1363) W CAROLINA ST. 375 N 22nd St. One-story and basement frame dwelling.
Owner—Vincent Rasitsckis, 814 Carolina St., San Francisco.
Architect—Milton W. Morrison, 1930 Sacramento. $2000

ALTERATIONS
(1375) NO. 550 MONTGOMERY ST., Alter offices.
Owner—Capital Co., 625 Market St., San Francisco.
Contractor—Langfelder & Shuster, 280 Wawona St., S. F. $10,000

DWELLING
(1376) N MAYWOOD DRIVE 325 N Brentwood. Two-story and basement frame dwelling.
Owner—Paul A. Walter Jr., 190 Maywood Drive, San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco. $5000

MARKET
(1377) W BRANNAN ST. 208 W 7th St. One-story Class C market.
Owner—H. Moffat Co., 3rd and Arthur Sts., San Francisco.
Engineer—Jas. H. Smith, 251 Kearny St., San Francisco.
Contractor—H. E. Rahlmann, 251 Kearny St., S. F. $35,000

GARAGE
(1378) E YORK ST. 75 S Mariposa St. One-story Class C garage.
Owner—Sunset Scavenger Corp., 510 Hampshire St., San Francisco.
Engineer—A. H. Knoll, Hearst Bldg., San Francisco.
Contractor—Not Selected. $15,000

ALTERATIONS
(1379) NO. 130 TOWNSEND ST. Alter warehouse.
Owner—S. & G. Gump Co., Post St., San Francisco.
Architect—Not Given.
Contractor—C. L. Wold Constr. Co., Ltd., 4412 Fulton St., S. F. $3000

DWELLING
(1380) N TWENTY-SIXTH ST. 134 E Douglas St. One-story and basement frame dwelling.
Owner—Olga Peterson, 447 28th St., San Francisco.
Architect—Not Given.
Contractor—Gustave L. Peterson, 447 28th St., S. F. $3000

RESTAURANT
(1381) NW LELAND ST. AND BAY Shore Blvd. One-story frame restaurant.
Owner—Paul's Bakery, Premises.
Architect—Not Given.
Contractor—C. C. McCabe, 430 Call Bldg., San Francisco. $1000

DWELLING
(1382) SW MARINA BLVD. 27 W Baker St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., S. F. $7500

DWELLING
(1383) S MARINA BLVD. 52 W Baker St. One-story and basement frame dwelling.
Owner — Anza Home Bldg., Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., S. F. $7500

DWELLING
(1384) SW MARINA BLVD. AND Baker St. One-story and basement frame dwelling.
Owner — Anza Home Bldg., Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Architect — Oliver M. Rousseau, 321 Kearny St., S. F. $9000

DWELLING
(1385) S COTTER ST. 425 E San Jose Ave. One-story and basement frame dwelling.
Owner — Olaf Johnson, 129 Precita Ave., San Francisco.
Architect—Not Given.
Contractor — Wilhelm Fridstrom, 88 Lyell St., San Francisco. $3500

DWELLING
(1386) N UNDERWOOD ST. 175 E Keith St. One-story and basement frame dwelling.
Owner — Angelo Davini, 1498 Underwood St., San Francisco.
Architect—Not Given.
Contractor—C. Faggioni and J. Barsotti, 1567 Revere St. $4000

ALTERATIONS
(1387) NO. 444 POST ST. Alterations to store.
Owner—S. Chamberlain, Premises.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor—Geo. Wagner, 181 South Park, S. F. $3000

ALTERATIONS
(1388) NO. 469 PINE. Alter hotel.
Owner—M. L. Pischel, 2001 Lyon St., San Francisco.
Architect—Not Given.
Supervised by T. A. Lindsey, 469 Pine St., San Francisco. $1500

ALTERATIONS
(1389) NO. 79 SIXTH STREET. Alter restaurant.
Owner—N. Perris and Tom Nurris, 250 Collingwood St., San Francisco.
Architect—Not Given.
Contractor—Lambertson Sales Co., 942 Mission St., San Francisco $1500

DWELLING
(1390) W FERNWOOD AVE. AT Ravenwood Drive. Two-story and basement frame dwelling.
Owner—Paul A. Wolter Jr., 190 Maywood Drive, San Francisco.
Architect — Earl MacDonald, 3817 Broadway, Oakland $5000

ALTERATIONS
(1391) BUSH AND OCTAVIA STS. Alter hospital.
Owner—Green's Eye Hospital, Prem.
Engineer—W. H. Ellison, Pacific Bldg San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $3000

ALTERATIONS
(1392) SE ELLIS AND MASON STS. Alter restaurant.
Owner—Dutch Delicatessen, Prem.
Architect—Not Given.
Contractor—Mullen Mfg. Company, 60 Rausch St., S. F. $1850

ALTERATIONS
(1393) NO. 10 SATURN ST. Alter flats.
Owner—A. G. Soares, Premises.
Architect—Not Given $2000

ALTERATIONS
(1394) NO. 2366 MISSION ST. Alter store.
Owner—Siegal Shirt Shop., Premises.
Architect—Not Given.
Contractor—Mullen Mfg. Company, 60 Rausch St., San Francisco. $1800

DWELLING
(1395) S SAN JUAN AVE. 100 E Cayuga Ave. One-story and basement frame dwelling.
Owner—A. De Benedetti & Sons, 100 Brazil Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1396) S MARINA BLVD. 128 E Fillmore St. Two-story and basement frame dwelling.
Owner—Ben Liebman, 1555 Francisco St., San Francisco.
Architect — Richard R. Irvine, 2048 Market St., S. F. $6500

APARTMENTS
(1397) NE GOUGH AND SACRAmento Sts. Six-story Class C apartments.
Owner—W. Props, 1850 Gough St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Engineer — R. H. Mathewson, 2669 Shasta Road. $130,000

ALTERATIONS
(1398) NO. 2829-39 CALIFORNIA ST. Alter store.
Owner—Simon Bros., 2829 California St., San Francisco.
Architect—Not Given.
Contractor — Robert P. Kelly, 2227 20th Ave., San Francisco. $100

DWELLING
(1399) W TWENTY-NINTH AVE. 50 N Anza St. Two-story and basement frame dwelling.
Owner—A. W. Karp, 806 32nd Ave., San Francisco.
Architect—Not Given.
Contractor — Karp & Lindeman, 829 44th Ave., S. F. $5000

APARTMENTS
(1400) SW WEBSTER AND NORTH Point Sts. Three-story and basement frame apartments.
Owner—A. J. Houda, % Edward Jose, 251 Kearny St., San Francisco.
Architect — H. C. Baumann, 251 Kearny St., San Francisco.
Engineer—Jas. M. Smith, 251 Kearny St., San Francisco. $40,000

ALTERATIONS
(1401) NO. 1200 OAK ST. Alter store and flats.
Owner—N Cline, % Contractor.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. $1500

DWELLING
(1402) N ST. GERMAIN ST. 383 W Glenbrook St. Two-story frame dwelling.
Owner, Otto R. Bostelmann, % Contractor.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market St., S. F. $6668

OFFICE BLDG.
(1403) W VAN NESS AVE. SOUTH 481 S 12th St. Two-story Class C office building.
Owner—Dempster Estate, Insurance Center Bldg., San Francisco.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor — Cahill Bros., Inc., 206 Sansome St. $40,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1022	Garthwaite	Livingston	6000
1023	Newton	Bigelow	1500
1024	Parks	Parks	5000
1025	Howard	Johnson	6000
1026	Clark	Van Ness	2500
1027	Smith	Owner	4500
1028	Dean	Owner	1700
1029	Hoffman	S. F.	1800
1030	Royce	Melrose	1800
1031	Zanaria	Owner	5826
1032	Welsh	Knight	4950
1033	Daniels	Strang	3500
1034	Haulman	Haulman	4000
1035	Burns	Schneider	7800
1036	Freeborn	Walstrom	1500
1037	McCreerey	Towers	1200

PUBLIC LIBRARY
PERIODICAL DEPT.

1038	Milens	Kulchar	1000
1039	Healy	Owner	3750
1040	Parker	Melrose	1000
1041	Feldman	Daneri	1000
1042	Friedman	Owner	1861
1043	Papina	Van Aalst	3100
1044	Scammell	Owner	10000
1045	Silva	Owner	4000
1046	St. Marks	Owner	1500
1047	Redford	Allan	5500
1048	Morton	Brown	1000
1049	East	Crown	1725
1050	Kispert	Haulman	6000
1051	Warren	Owner	2750
1052	Warren	Owner	4200
1053	Killam	Dooley	4000
1054	Peshel	Owner	5400
1055	Bristol	Bristol	9000
1056	Banning	Windsor	6000
1057	Strand	Owner	4500

DWELLING
(1022) NO. 1492 SCENIC AVENUE, **BERKELEY.** One-story 7-room frame dwelling.
Owner—W. G. Garthwaite, 2277 Vine St., Berkeley.
Architect—E. T. Spencer, San Francisco.
Contractor—Wm. Livingston & Son, 1152 Euclid Ave., Berkeley. $6000

DWELLING
(1023) NO. 2629 BENVENUE AVE., **BERKELEY.** One-story 4-room dwelling.
Owner—Mrs. Newton, 2625 Benveune Ave., Berkeley.
Architect—Not Given.
Contractor — J. E. Bigelow & Sons, 150 Ardmore Rd, Berkeley. $1500

DWELLING
(1024) NO. 690 GRIZZLY PEAK, **BERKELEY.** One-story five-room frame dwelling and garage.
Owner—H. G. Parks, 624 Euclid Ave. Berkeley.
Architect—E. L. Snyder, 2101 Addison St., Berkeley.
Contractor—Randolph Parks, 624 Euclid Ave., Berkeley. $5000

ADDITION
(1025) FIRST AND ADELINE STS., **OAKLAND.** Frame addition.
Owner—Howard Terminal, Premises.
Architect—Not Given.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $6000

DWELLING
(1026) NO. 3308 WYMAN STREET, **OAKLAND.** One-story five-room dwelling.
Owner — A. B. Clark 5712 Foothill Blvd., Oakland.
Architect—Not Given.
Contractor—L. E. Van Ness & Son, 4920 Park Blvd., Oakland. $2500

DWELLING
(1027) 2877 CARMEL ST., OAKLAND. One-story 7-room dwelling.
Owner and Contractor—J. A. Smith, 2877 Carmel St., Oakland.
Architect—Not Given. $4500

DWELLING
(1028) 3300 DWIGHT WAY, BERKELEY. Frame dwelling.
Owner and Builder—Guilford E. Dean 2318 Ward St., Berkeley.
Architect—Not Given. $1700

ALTERATIONS
(1029) 1417 PARK ST., ALAMEDA. Alterations.
Owner—Mr. Hoffman, 1417 Park St., Alameda.
Architect—Not Given.
Contractor—San Francisco Show Case Co., 682-684 McAllister Street, San Francisco. $1800

ALTERATIONS
(1030) 1832 CLINTON AVE., ALAMEDA. Alterations.
Owner—B. C. Royce, 1832 Clinton Ave. Alameda.
Architect—Not Given.
Contractor—Melrose Bldrs., 1700 47th Ave., Oakland. $1,800

DWELLING
(1031) 806 TAYLOR ST., ALAMEDA. Two-story 7-room dwelling.
Owner and Builder—Giavanni, Zanaria, 810 Taylor Ave., Alameda.
Architect—Not Given. $5,826

DWELLING
(1032) 2442 OTIS DRIVE, ALAMEDA. One-story 5-room dwelling.
Owner—H. W. Welsh, 1435 Harrison St., Oakland.
Architect—Paul V. Tuttle.
Contractor—H. C. Knight, 1435 Harrison St., Oakland. $4,950

ALTERATIONS
(1033) 1223 PARK AVE., ALAMEDA. Alterations to 2-story dwelling.
Owner—Mrs. Grace Daniels, 1223 Park Ave., Alameda.
Architect—Not Given.
Contractor—V. N. Strang, 1521 9th St., Alameda. $3,590

DWELLING
(1034) 3030 FERNSIDE BLVD., ALAMEDA. One-story 5-room dwelling.
Owner—C. P. Haulman, 1243 Broadway, Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $4,000

ALTERATIONS
(1035) 222 ST. JAMES DRIVE, PIEDMONT. Alterations.
Owner—Mr. and Mrs. W. J. Burns, 15 Downey Place, Piedmont.
Architect—Blanchard and Maher, 110 Sutter St., San Francisco.
Contractor—John H. Schneider, 5621 Shafter Ave., Oakland. $7,800

ADDITION
(1036) NO. 97 TUNNEL RD, **BERKELEY.** Alterations.
Owner—Dr. S. Freeborn, Premises.
Architect—Not Given.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland. $1500

ADDITION
(1037) NO. 2801 MODESTO AVENUE **OAKLAND.** Addition.
Owner—Anne McCreerey, Premises.
Architect—Not Given.
Contractor — Ray Towers, 2508 Benvenue Ave., Berkeley. $1200

ALTERATIONS
(1038) NO. 1201 WASHINGTON ST., **OAKLAND.** Alterations.
Owner—Milens Jewelry Co., Prem.
Architect—Not Given.
Contractor—S. Kulchar Co., 8th Ave. and E-10th St., Oakland. $1000

DWELLING
(1039) NO. 3201 KNOWLAND AVE., **OAKLAND.** One-story five-room dwelling and one-story garage.
Owner—John P. Healy, 1718 28th Ave. Oakland.
Architect—Not Given. $3750

ALTERATIONS
(1040) NO. 3101-07 WEST STREET, **OAKLAND.** Interior alterations.
Owner—C. V. Parker, 314 West St., Oakland.
Architect—Not Given.
Contractor — Melrose Builders, 1700 47th Ave., Oakland. $1000

ALTERATIONS
(1041) NO. 2551 HUMBOLDT ST., **OAKLAND.** Alterations.
Owner—Nathan Feldman, Premises.
Architect—Not Given.
Contractor — Daneri & Swafford, 6515 Raymond St., Oakland. $1000

STORE BLDG.
(1042) NO. 1700 E-TWELFTH ST., **OAKLAND.** One-story store bldg.
Owner—S. Friedman, 2200 E-12th St., Oakland.
Architect—Not Given. $1861

DWELLING
(1043) NO. 1064 NINETY-EIGHTH St., **OAKLAND.** One-story five-room dwelling and one-story garage.
Owner—Annie Papina, 321 10th St., San Francisco.
Architect—Not Given.
Contractor—B. Van Aalst, 2039 34th Ave., Oakland $3100

DWELLINGS
(1044) NO. 2538-2544 COSTELLO ST., **OAKLAND.** Two one-story six-room dwellings.
Owner—J. W. Scammell, 3161 Fruitvale Ave., Oakland.
Architect—Not Given. $5000 each

DWELLING
(1045) NO. 6109 MAJESTIC AVE., **OAKLAND.** One-story five-room dwelling.
Owner—M. R. Silva, 1141 E-33rd St., Oakland.
Architect—Not Given. $4000

ADDITION
(1046) NO. 5807 TELEGRAPH AVE., **OAKLAND.** Add to hall.
Owner—St. Marks Evangelical Church Premises.
Architect—Not Given. $1500

DWELLING
(1047) NO. 5847 CHELTON DRIVE, **OAKLAND.** Two-story six-room dwelling.
Owner—D. M. Redford, 901 Rose Ave., Oakland,
Architect—C. T. Kett, 519 California St., San Francisco.
Contractor—James Allan, 1645 68th Ave., Oakland. $5500

ALTERATIONS
(1048) NO. 2210 SHATTUCK AVE., **BERKELEY.** Alterations.
Owner—H. Morton.
Architect—Not Given.
Contractor—Henry Brown, 1387 E-32nd St., Oakland. $1000

RE-ROOF
(1049) NO. 896 TWENTY-SECOND St., **OAKLAND.** Re-roof.
Owner—East Bay Creamery Co., 896 22nd St., Oakland.
Architect—Not Given.
Contractor—Crown Roofing Co., 1911 E-12th St., Oakland. $1725

DWELLING
(1050) 35 BUENA VISTA PLACE, **OAKLAND.** Two-story seven-room dwelling.
Owner — F. E. Kispert, 1045 Castro St., San Francisco.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $6000

DWELLING
(1051) NO. 3260 ARKANSAS ST., **OAKLAND.** One-story five-room dwelling and one-story frame garage.
Owner—Weldon H. Warren, 3044 Dakota St., Oakland.
Architect—Not Given. $2750

DWELLING
(1052) NO. 3351 LAUREL AVENUE, **OAKLAND.** Two-story five-room dwelling.
Owner—Weldon H. Warren, 3044 Dakota St., Oakland.
Architect—Not Given. $4200

DWELLING
(1053) NO. 4261 DERTOIT AVENUE, OAKLAND. One-story six-room dwelling.
Owner—Wm. C. Killam.
Architect—Not Given.
Contractor—Fred T. Dooley, 3936 Vale Ave., Oakland. $4000

DWELLING
(1054) NO. 4338 ARDEN PLACE, OAKLAND. One-story six-room dwelling.
Owner—C. O. Peshel, 4276 Fruitvale Ave., Oakland.
Architect—Not Given. $5100

FLATS
(1055) NO. 1731-33 CLEMENS ROAD OAKLAND. Two-story 10-room flats.
Owner—Mark E. and Doris E. Bristol.
Architect—Ray Keefer, 505 Mandana Blvd., Oakland.
Contractor — Mark Bristol Co., 1038 McKinley Ave., Oakland. $9000

DWELLING
(1056) NO. 1885 MELVIN ROAD, OAKLAND. Two-story six-room dwelling.
Owner—Miss Mary Banning, 688 Merritt Ave., Oakland.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Oakland. $6000

DWELLING
(1057) NO. 5685 MAXWELTON RD., OAKLAND. One-story six-room dwelling.
Owner—J. A. Stroud Jr., 370 17th St., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland. $4500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
67	Gray	Messenger	14153
68	Bank	Langfelder	11400
69	Bostelmann	Jacks	6688
70	Southern Pacific	Soule	1348

DWELLING
(67) N PACIFIC AVE. 206 N Pierce St. All work for two-story and basement frame dwelling.
Owner—Carlton R. Gray, Russ Bldg., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley.
Filed July 3, '36. Dated June 22, '36.
1st story joists in place.....$2122.00
Sheathing and rustic on walls and roof sheathed 2122.00
Brown coat plaster on..... 2122.00
Interior millwork in place.... 2122.00
Work completed 2125.50
Usual 35 days..... 3540.00
TOTAL COST, $14,153.50
Bond, $14,153.50. Surety, Maryland Casualty Co. Limit, 120 working days. Forfeit, $10 per day. Plans and specifications filed.

ALTERATIONS
(68) NO. 550 MONTGOMERY ST. All work for alterations in offices of District Attorney.
Owner—Bank of America N. T. & S. A., 625 Market St., San Francisco.
Contractor — Langfelder & Schuster, 280 Wawona St., San Francisco.
Filed July 3, '36. Dated July 2, '36.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $11,400
Bond, $11,400. Surety, Stanford Accident Insurance Co. Limit, Aug. 20, 1936. Forfeit, $25 per day. Plans and specifications filed.

DWELLING
(69) N ST. GERMAIN AVE. 62.956 E of W line; E along St. Germain Ave. 50 ft. N 100xW 50 and 100 ft. to pt of beg. All work for two-story and basement frame dwelling with garage.
Owner—Otto R. and Veronica J. Bostelmann, 363 29th Ave., San Francisco.
Architect—F. E. Baldauf, 210 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.
Frame completed $1200
Brown coat on 1800
When accepted 1846
30 days after completion..... 1822
TOTAL COST, $6688
Bond, none. Limit, 60 days. Forfeit none. Plans and specifications filed.

HOSPITAL
(70) FELL AND BAKER STREETS. All work for installation of galvanized steel cornices on main building, power house and Huntington Social Hall at General Hospital.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—Not Given.
Contractor — Soule Steel Co., 1750 Army St., San Francisco.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $1348
Bond, $1348. Surety, United States Guarantee Co. Limit 40 calendar days. Forfeit, none. Plans and specifications filed.

ALAMEDA COUNTY

87	S. P.	Catucci	1095
88	Roos	Mullen	4542
89	Roos	Enamuel	11500
90	Kenyon	Skovmand	5405
91	Owens	Barrett	46900

ROADWAY FILL
(87) FIFTH and Kirkham Sts., Oakland. Fill for roadway to freight station.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—Not Given.
Contractor—J. Catucci, 1212 18th Ave. Oakland.
Filed, July 3, '36. Dated, June 29, '36.
Monthly payments of.....75%
Usual 35 days.....25%
TOTAL COST, $1095
Bond, $1095. Sureties, Maryland Casualty Co. Limit, 60 days. Plans and specifications filed.

ALTERATIONS
(88) NO. 2270 TELEGRAPH AVE., Berkeley. Alterations and store fixtures to store building.
Owner—Roos Bros., Inc., Premises.
Architect — Williams & Grimes, 251 Post St., San Francisco.
Contractor — Mullen Manufacturing Co., 60 Rausch St., San Francisco.
Filed July 6, '36. Dated June 23, '36.
Progressive payments 50%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, $4542
Bond, none. Limit, Nov. 1, 1936. Forfeit, none. Plans and specifications filed.

STORE
(89) NO. 64 SHATTUCK SQUARE, Berkeley. All work for installation of store fixtures in store.
Owner—Roos Bros., Inc., 64 Shattuck Square, Berkeley.
Architect—Williams & Grimes, 251 Post St., San Francisco.
Contractor — L. & E. Emanuel Co., 2665 Jones St., San Francisco.
Progressive payments..... 50%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, $11,500
Bond, none. Limit, Aug. 1, 1936. Forfeit, none. Plans and specifications filed.

RESIDENCE
(90) NO. 38 MAIN ST., HAYWARD. All work for residence.
Owner—Mr. and Mrs. Earl Kenyon
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—Peter Skovmand and N. T. Lewis, 26392 Mohr Drive, Mt. Eden.
Filed July 6, '36. Dated July 6, '36.
5th day after roof comp.....$1351.00
5th day after plastering completed 1351.00
5th day after completion..... 1351.00
Usual 35 days..... 1352.20
TOTAL COST, $5405.20
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

PLANT
(91) NE FRUITVALE AND ALAmeda Aves., Oakland. All work for batch plant.
Owner—Owens-Illinois Pacific Coast Co., 1855 Folsom St., San Francisco.
Engineer—P. D. Burtt.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed July 8, '36. Dated June 26, '36.
Bet. 1st and 10th of ea. month 80%
Usual 35 days..... 10%
TOTAL COST, $46,900
Bond, $46,900. Surety, U. S. Guarantee Co. Limit, 75 days after driving piles. Forfeit, none. Plans and specifications filed.

SAN FRANCIECO UNDER $1000

ALTER roof, $125; 4447-49-51 18th St.; owner, C. M. Stelling, 598 4th St.
SIGN, electric, $250; 495 14th Avenue; owner, Park Drive Apartments, Premises; contractor, Novelty Elec. Sign Co., Inc., 66 Washburn
OFFICE, one-story frame, $125; 4410 Mission St.; owner, George Almo Jr., 518 Naples St.
SIGN, electric, $100; 3701 Sacramento St.; owner, Ames Drug Co., Prem contractor, Neon Sign Service Co. 1707 Folsom St.
SIGN, electric, $150; 2540 Mission St.; owner, Globe Millinary, Premises; contractor, Elec. Prods. Co., 910 Harrison St.
FLUES, $35; 2544 San Bruno Ave.; owntr. T. Cambou, Prem.; contractor, W. Buriani, 2555 San Bruno Ave.
ALTER store, $470; 1265 Stockton St owner, Ricardo Crespo, Premises; contractor, San Francisco Show Case Co., 682-84 McAllister St.
SIGN, electric, $100; 2797 Union St.; owner, French Grocery, Prem.; contractor, Neon Sign Service Co. 1707 Folsom St.
ALTER flats, $200; 586-88 Fifth Ave.; owner, Peter Parrol, 586 5th Ave.; contractor, D. Seghieri & Co., 35 Cook St.
ALTER dwelling, $900; 1151-61 Van Ness Ave. South; owner, Rose Schmidt, 1151 Van Ness Ave. So.; contractor, L. A. Hinson, 756 4th Avenue.
SIGN, electric, $100; 432 Geary St.; owner, Hotel Paisley, Prem.; contractor, Neon Sign Service Co., 1707 Folsom St.
ALTER office, $165; 5498 Mission St.; owner, Leo A. Escloses, 5436 Mission Street.
FLUES, $150; S Duncan St. 117 W Guerrero St.; owner, F. Sekara, 1264 Church St.; contractor, National Sheet Metal Works, 3168 Mission St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Sub-Bids Being Taken

APARTMENTS Cost, $40,000

OAKLAND, Alameda Co., Cal. Palm Avenue and Perkins Street.

Two-story stucco apartment building (five 5-room apts.) steam heat, individual refrigerators, tile baths and kitchens, stall showers, individual entrances; plaster walls, peg floors (living room, dining room, kitchen and lavatory on the main floor; two bedrooms and bath on second floor).

Owner—Louis and George Bakar, Petaluma.

Architect—Edith Northman, 3052 West Pico St., Los Angeles.

Contractor—Max Bakar, 337 17th St., Oakland.

Segregated Bids Being Taken

APARTMENTS Cost, $——

SAN FRANCISCO. N Broadway, 98 W Franklin.

Six-story Class C apartment building (24 4- and 5-rm. apts.) tile baths & kitchens, hardwood floors, fireplaces, steam heat, electric refrigerators, slate roof.

Owner—J. N. C. Riddle.

Architect—H. C. Baumann, 251 Kearny Street.

Mgr. of Constr.—Edward Jose, 251 Kearny Street.

Segregated bids are being taken by Mr. Jose.

Bids In—Under Advisement.

DUPLEX APTS. Cost, $——

PALO ALTO, Santa Clara Co., Calif.

One - story frame and stucco duplex apartments (two 4-room apts.)

Owner—Dr. Moore.

Architect—A. A. Cantin, 557 Market.

Contract Awarded

APARTMENTS Cost, $5,000

FAIRFIELD, Solano Co., Cal. Taylor St. bet. Empire and Kentucky.

Monterey type stucco apartment house (one 3- and one 4-room apt.) tile roof.

Owner—Miss M. Ethel Goodfellow.

Architect—Not Given.

Contractor—W. S. Bickford, Fairfield.

Additional Sub-Contracts Awarded

APARTMENTS Cost, $50,000

SAN FRANCISCO. NW Bay St. and Webster.

Three-story and basement frame and stucco apartments (15 2- and 3-room apts.) flat roof, steam heating system, hardwood floors, tile baths, shower, etc.; New American plan.)

Owner—Grace Perego, Inc., 176 Sutter Street.

Architect—H. C. Baumann, 251 Kearny Street.

Structural Engineer—James M. Smith, 251 Kearny Street.

Iron—F. Kern & Sons, 517 6th St.

Kitchen Cabinets—Liberty Mill & Cabinet Co., 1335 Folsom Street.

Window Frames and Sash—Portman's Planing Mill, 1618 Mission Street.

Deadening—Fir - Tex Insulating, 461 Market Street.

Hardwood Floors—Ideal Floor Co.

Fireplace Mantels—Wm. Heidenreich, 120 Shotwell Street.

Refrigerators — Frigidaire Corp., Financial Center Bldg.

Roofing—Powers Roofing Co., 1442 Alabama Street.

Shower Doors—Michel & Pfeffer Iron Works, Harrison and 10th Sts.

Stairs—Atlas Stair Building & Woodworking Co., 2901 22nd St.

Reinforcing Steel — Construction Device Co., 712 Bryant St.

Glass Brick—Vitrolite Const. Co., 1490 Mission Street.

Awards on glass and tile will be made shortly.

Additional Sub-Contracts Awarded.

APARTMENTS Cost, $50,000

SAN FRANCISCO. NW Bay St. and Webster Street.

Three-story and basement frame and stucco apartments (15 2- and 3-room apts.) flat roof, steam heating system, hardwood floors, tile baths, shower, etc.; New American plan).

Owner—Grace Perego, Inc., 176 Sutter Street, San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Structural Engineer—James M. Smith, 251 Kearny St., San Francisco.

Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Tile—Donlon-Fratessa, 24 12th Street, San Francisco.

Other awards reported July 6.

Sub-Bids Being Taken.

APARTMENTS Cost, $150,000

SAN FRANCISCO. NE Gough and Sacramento Streets.

Six-story Class C reinforced concrete apartment building (steam heating system, wood sash, two elevators, electric refrigeration, hardwood floors, tile baths and showers).

Owner and Builder — W. Props, 1850 Gough Street.

Architect—H. C. Baumann, 251 Kearny Street.

Engineer — R. H. Mathewson, 2669 Shasta Road, Berkeley.

To Be Done By Day's Work

APARTMENTS Cost, $50,000

SAN FRANCISCO. SW Webster and North Point Streets.

Three - story and basement frame and stucco apartment building.

Owner and Builder—A. J. Houda, care Edward Jose, 251 Kearny Street.

Architect—H. C. Baumann, 251 Kearny Street.

Structural Engineer—Jas. Smith, 251 Kearny Street.

4— FACTORIES & WAREHOUSES

CONTRACT AWARDED

LOS ANGELES, Cal.—Wm. P. Nell Co., 4671 E. 49th St., awarded contract for erection of a steel, concrete and brick body plant addition to the automobile assembly plant (210x557-ft.) in the central manufacturing district for Studebaker Motors Corp. H. T. Miller, 4814 Loma Vista St., architect.

Shop and Road Work Bids Wanted

REFINERY Cost, $2,000,000

YOLO COUNTY, Calif. Two and one-half miles northeast of Woodland.

New sugar refinery (two- and three-story reinf. concrete sugar refinery (20x85-feet) 2-story reinforced concrete office building (96x61-ft.) conc. wood-lined bins equip. with air-circulating system; two warehouses (30x135 ft.) reinforced concrete foundation, corrugated iron walls, ventilators, power plant.

Owner—Spreckels Sugar Company (C. J. Moroney, Mgr.) 2 Pine St., San Francisco.

Architect—George Kelham, 315 Montgomery St., San Francisco.

Engineering plans by Owner.

Bids will be opened July 13 on two shop buildings and on July 9 for road work.

As previously reported, warehouse contracts awarded to J. G. Motroni, Woodland, at approximately $15,000.

Contract Awarded.

DRUM CLEANING BLDG. $4000

OAKLAND, Alameda Co., Cal. Parr Terminal, Oakland Harbor.

One-story steel frame drum cleaning building (40x60 ft.) concrete floors machinery foundations.

Owner — General Petroleum Co., 519 19th St., Oakland.

Plans by Engineering Dept. of Owner.

Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland.

LOW BIDDER

INDEPENDENCE, Cal.—Lynch Construction Co., 930 E Gage Ave., Los Angeles, submitted low bid to D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, 207 S Broadway, Los Angeles, at $86,-932, for one-story reinforced concrete machine shop, warehouse and garage (175x130-ft.) to be built at Independence, Calif., under Spec. No. X-31, PWA Docket 1029-R, Unit No. 15.

AWARD RECOMMENDED

PASADENA, Cal.—John H. Simpson 524 S Raymond Ave., Pasadena, recommended by Pasadena city board of directors to be awarded contract at $75,963, for construction of the Copelin warehouse on Mentone Ave., Pasadena, for the Pasadena Water Dept. The construction will be of reinforced concrete, brick and plaster.

Additional Sub-Contracts Awarded

ADDITION Cost, $50,000

SHELL POINT, Contra Costa County.

One-story addition to ammonium filtrate bulk storage bldg. (120x182 ft.) concrete foundations, frame construction joined with metal gusset plates, etc.; composition roof.

Owner—Shell Chemical Co., Pittsburg

Architect—Not Given.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Glass—United Glass Co., 675 Golden Gate Ave., San Francisco.

Miscellaneous Iron—Fair Mfg. Co., 617 Bryant St., San Francisco.

Contract Awarded

HANGARS Cont. Price, $736,000

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Two permanent airplane hangars (pile foundations, reinforced concrete & steel construction).

Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President) Financial Center Bldg., San Francisco.

Architects—W. P. Day, Director of Works, Financial Center Bldg., San Francisco; George Kelham,

chairman of Exposition Architectural Commission; Arthur Brown, Jr., Timothy Pflueger, Ernest Weihe, W. G. Merchant and Lewis Hobart, members of Architectural Commission (Spec. W. D. 107).
Contractor—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco.

Preparing Plans.
FACTORY AND OFFICE $150,000
OAKLAND, Alameda Co., Calif. 34th and Beach Streets.
One- and two-story brick factory and office building (120x260 ft.) concrete floors, built-up composition roof, steam heating .
Owner — Union Autographic Register Corp (Carter Norris, Mgr.), 19th and Union Sts., Oakland.
Architect—Pereira & Pereira, 333 N. Michigan Ave., Chicago.
Date of starting construction is indefinite. Bids probably will be asked on segregated contracts.

Additional Sub-Contracts Awarded.
WAREHOUSE, ETC. Cost, $30,000
SAN FRANCISCO. N Townsend St. W Fifth Street.
One-story Class C concrete warehouse and office building (wood trusses, wood roof, steel sash, etc.)
Owner—A. E. Sbarboro.
Architect—John Ahnden, 822 39th Ave San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Millwork — Eureka Sash, Door and Moulding Mills, 1715 Mission St., San Francisco.
Painting—Aristo Painting Co., 473 Bryant St., San Francisco.

Sub-Contracts Awarded.
SHOP Cost, $6500
OAKLAND, Alameda Co., Cal. No. 1659 Twenty-fourth Street.
One-story shop.
Owner—H. W. Bigge, 1638 24th St., Oakland.
Architect—Not Given.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.
Sheet Metal—Central Sheet Metal & Roofing Co., 3246 Ettie St., Oakland.
Glass—East Bay Glass Co., 621 Sixth St., Oakland.
Lumber—Tilden Lumber Co., 400 High St., Oakland.
Hardware—Lakeshore Hardware Co., 3351 Lakeshore Blvd., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Structural Steel—Herrick Iron Works 1729 Campbell St., Oakland.

Planned.
FACTORY Cost, $15,000
SAN LEANDRO, Alameda Co., Calif. San Leandro Blvd. opp. Stokes Avenue.
One-story factory (50x125 feet) galvanized iron, etc.
Owner — Standard Trailer Co., (Bill Bros. Prop.), Elmhurst.
Architect—Not Given.
Further details will be announced shortly.

Sub-Contracts Awarded
WAREHOUSE Cost, $25,000
SAN FRANCISCO. W 7th Street N Brannan Street.
One-story Class C warehouse.
Owner—Hahn & Co., 268 6th Street.
Engineer—R. Foster, Crocker Bldg.
Contractor—Dinwiddie Const. Co., 210 Crocker Building.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Avenue.
Plumbing—F. W. Spencer, 1529 Anza.
Cork—Van Fleet-Freear Co., 557 Howard Street.

5— FLATS

Plans Completed.
FLATS Cost, $12,000 each
SAN FRANCISCO. N Union St. E Baker Street.
Two two-story and basement frame and stucco flats (2 6-room and 2 baths each) steam heating system, hardwood floors, wood sash, tile baths and kitchens, etc.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.
Bids will be asked within a few days on a general contract.

Contract Awarded
FLATS Cost, $10,000
OAKLAND, Alameda Co., Calif. 1731-33 Clemens Road.
Two-story and basement frame and stucco flats (10 rooms).
Owner—Doris E. Bristol.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.
Contractor—Mark Bristol, 1038 McKinley Ave., Oakland.

6—GARAGES & SERVICE STATIONS

To Be Done By Day's Work
SERVICE STATION Cost, $8,000
SAN FRANCISCO, NE Steiner and Lombard.
Class B Service Station.
Owner — Associated Oil Co., 79 New Montgomery Street.
Plans by Engineer Vincent C. Raney.

Contract Awarded.
BUS SHED Cont. Price, $7497
TURLOCK, Stanislaus Co., Cal. High School Campus.
One-story reinforced concrete bus shed (accommodate 9 cars).
Owner — Turlock Union High School District.
Architect—G. N. Hilburn, 1213 I St., Modesto
Contractor—C. A. Hillberg, P. O. Box 52, Turlock.
Bids were taken as follows:
(1) Work complete.
(2) Add for tile roof.
(3) Add for extension of building 3 feet.
Complete bids follow:

C. A. Hillberg, Turlock	(1)	$6793
	(2)	344
	(3)	360
F. J. Wirtner, Turlock	(1)	7435
	(2)	247
	(3)	528
H. A. Hubbard, Turlock	(1)	7650
	(2)	162
	(3)	550

Planned
GARAGE Cost, $15,000
SAN FRANCISCO. E York 75 S Mariposa.
One-story Class C garage.
Owner—Sunset Scavenger Corp., 540 Hampshire Street.
Engineer—A. H. Knoll, Hearst Bldg.

Contract Awarded
SERVICE STATION Cost, $10,000
FAIRFIELD, Solano Co., Calif. Texas and Madison Streets.
New service station
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Louis Hagemann, Fairfield

Contract Awarded.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. 90th Avenue and E-14th Street.
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.

Contract Awarded
SERVICE STATION Cost, $4,500
NORTH PALO ALTO, Santa Clara Co. Calif. Middlefield Ave. and Woodland Road.
Service station.
Owner—F. E. Hoffman.
Architect—Not Given.
Contractor—A. E. Orton, 151 Harriet St., Palo Alto.

7— FEDERAL BUILDINGS

Bids Opened.
POST OFFICE Cost, $75,000
AUBURN, Placer Co., Calif.
United States Post Office Building.
Owner—United Statest Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Schuler & McDouald, Inc., 1723 Webster St., Oakland, at $91,383 submitted the only bid received

Bids Wanted—To Close August 4.
POST OFFICE Cost, $137,000
FLAGSTAFF, Arizona.
U. S. Post Office Building, three-story and basement (93x81 ft.) concrete foundations; brick walls, structural steel, stone base course, brick walk, vault, steel windows, hollow metal work, cork carpet, two-pipe vacuum heating system, lawn sprinkleh system, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Bids Wanted—To Close July 29, 1 P. M.
POST OFFICE Cost, $67,000
TRACY, San Joaquin Co., Cal. 12th and East Adams Streets.
U. S. Post Office Building, two story, (87x65 ft.) concrete walls, stone trim, tile roof, ornamental iron work, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
One set of plans and specifications obtainable from the above office free; additional sets obtainable at a charge of $5 per sent.
On previous bid opening lowest bid was submitted by K. E. Parker Co., 135 South Park, San Francisco, at $51,492.

NO BIDS RECEIVED
MERCED, Merced Co., Calif. — No bids were received by the Procurement Division, Public Works Branch, Washington, D. C., for decorative painting, plastering, etc., in the U. S. Post Office at Merced.

LOW BIDDER
NAPA, Napa Co., Cal.—Raphael Co., 270 Tehama St., San Francisco, at $1,780 submitted low bid to the Procurement Division, Public Works Branch, Washington, D. C., for decorative painting, plastering, etc., in the U. S. post office at Napa.

Low Bidders
POST OFFICE Cost, $——
BREMERTON, Washington.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—MacDonald Bldg. Co., 1517 South Tacoma Way, Tacoma.
Two low bids follow:
MacDonald Bldg. Co., Tacoma $79,919
Wm. Peterson, Seattle $83,713

BIDS WANTED
SANTA MONICA, Los Angeles Co. —Until July 16, site bids will be received by the Custodian of the Santa Monica Post office for a site of the proposed new post office building. An

appropriation of $315,000 was authorized for the building at the last session of Congress.

BIDS WANTED

SUSANVILLE, Lassen County.—Until July 16 site bids will be received by the Custodian of the Susanville post office for a site for the proposed new post office building. An appropriation of $70,000 was authorized for the building at the last session of Congress.

BIDS WANTED

RICHMOND, Contra Costa County.—Until July 16, bids will be received by the Custodian of the Richmond post office for a site for the proposed new post office building. An appropriation of $110,000 was authorized for the building at the last session of Congress.

BIDS WANTED

BURBANK, Los Angeles County.—Until July 16 site bids will be received by the Custodian of the Burbank post office for a site for the proposed new post office building. An appropriation of $210,000 was authorized for the building at the last session of Congress.

CONTRACT AWARDED

McMINNVILLE, Oregon. — Newman Bros., McMinnville, at $329 awarded contract by the Treasury Department Washington, D. C., for painting plaster, etc., in the U. S. post office at McMinnville.

BIDS WANTED

LONG BEACH, Cal.—Until July 31, bids will be received by the Treasury Department, Washington, D. C., for metal entrance vestibule partitions in the Long Beach post office.

Specifications obtainable from above office.

Complete Bid Listing

POST OFFICE Cost, $75,000
LOVELOCK, Nevada.
U. S. post office and agricultural bldg.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—R. E. Campbell, 711 Central Bldg., Los Angeles, $79,400.

Complete bids follow:

R. E. Campbell, Los Angeles: $79,400; (Alt. A) add $200; (Alt. B) deduct $400; (Alt. C) add, $500.

Schuler & McDonald, Oakland: $93,877; (Alt. A) $150; (Alt B) $220; (Alt. C) $1700.

CONTRACT AWARDED

McMINNVILLE, Oregon — Masons Supply Co., Portland, at $1227 awarded contract by Treasury Department for waterproofing brick work, etc., in the U. S. Post Office in McMinnville.

BIDS WANTED

RENO, Nevada—Until July 20, bids will be received by the Public Works Branch, Treasury Department, Washington, D. C., for soundproofing certain doors in Reno Post Office.

Specifications obtainable from the above office.

RIVERSIDE, Riverside County.—Until July 16, site bids will be received by the Custodian of the Riverside post office for a site for the proposed new post office building. An appropriation of $330,000 was authorized at the last session of Congress.

BIDS REJECTED

WALLA WALLA, Wash.—Veterans Administration Facility rejected bids for constructing corridor, subsistence lo laundry buildings at Veterans Administration Facility, Walla Walla, Washington. Work includes connections to existing buildings, reinforced concrete frame, brick corridor, walls, carpentry, roofing, sheet metal, glazing, hardware reconstruction of steam mains, electrical work, etc.

Only bid was submitted by MacDonald Bldg. Co., Tacoma, Washington, at $9017.

COMPLETE BIDS

NAPA, Napa Co., Cal.—As previously reported, Raphael Co., 270 Tehama St., San Francisco, at $1,690 submitted low bid to the Procurement Division, Public Works Branch, Washington, D. C., for decorative painting, plastering, etc., in the U. S. post office at Napa.

Complete bids follow:

Raphael Co., San Francisco.....$1,690
D. Zelinsky & Son, S. F..... 1,787
A. Quandt & Son, S. F..... 2,010

Bids held under advisement.

BIDS WANTED

RENO, Nevada—Until July 20, bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for soundproofing doors in the U. S. Post Office Building at Reno, Nevada.

Contract Awarded.

ALCATRAZ ISLAND, Cal.—Conklin Bros., 2400 Geary St., San Francisco, at $588.50 awarded contract by Department of Justice, Bureau of Prisons, for furnishing and laying linoleum floors in designated rooms and certain buildings on Alcatraz Island. Invitation No. 700.

BIDS OPENED

BALBOA HEIGHTS, Canal Zone—Greibien & Martinz, Panama City, at $299,700 submitted low bid to Chief Quartermaster, The Panama Canal, Canal Zone, Balboa Heights, C. Z., for constructing four one-family type 101 quarters; fonr one-family type 102 quarters; nine two-family type 103 quarters; five two-family type 104 quarters; one one-family type 108 official quarters, and one 12-apartment bachelor quarters for American employees; nine 12-family silver quarters and three 24-room bachelor quarters for artisans and laborers.

Complete bids follow:

Greibien & Martinz, Panama City .....(1) $299,700
(2) 178,800
(3) 122,600

Novey & Luttrell, Panama City .....(1) 313,870
(2) 193,910
(3) 124,391

Bids held under advisement.

9— CLUB BUILDING

Contract Awarded

BUILDING Cost, $35,000
FRESNO, Fresno Co., Calif. Tuolumne and N Streets.
Two-story stucco building (150x150).
Owner—Y. M. C. A. (E. G. Hughson, president).
Architect—H. Rafael Lake, Pacific Southwest Bldg., Fresno.
Contractor—Trewhitt-Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno.

Working Drawings Being Prepared.

REMODELING Cost, $10,000
NAPA, Napa Co., Cal. 920 Brown St.
Remodeling first floor exterior, stores and offices; interior remodeling on second floor, move stairway, new buffet and kitchen, interior decorating, etc.
Owner—Elks Lodge.
Architect—Not Given.
Plans prepared by C. Leroy Hunt, 989 2nd St., Napa.

9— HOSPITALS

Bids Wanted—To Close August 4, 2 P. M.

ADDITION Cost, $200,000
TALMADGE, Mendocino Co., Calif
Two-story reinforced concrete addition to Custodial Unit at State Hospital.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Bids are being taken as follows:
(1) General work.
(2) Heating and ventilating.
(3) Plumbing.
(4) Electrical.
Plans and specifications may be obtained from above office upon deposit of $25.

Plans Being Prepared

HOSPITAL ADDN. Cost, $90,000
SACRAMENTO, Sacramento Co., Cal. Fifty-second and F Streets.
Two-story fireproof maternity hospital addition (48 beds) steam heat; air conditioning system.
Owner—Sutter Hospital.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Sub-Contracts Awarded.

ADDITION Cont. Price, $7460
STOCKTON, San Joaquin Co., Calif. County Hospital.
Addition to County General Hospital (psysiotherapy unit) hollow tile, metal stud and lath walls, etc.
Owner—County of San Joaquin.
Architect — Erick Johnson, Exchange Bldg., Stockton.
Contractor—J. C. Meyers, Rte. 1, Box 439, Stockton.
Electric Wiring—Hild Electric & Mfg. Co., 125 W. Main St., Stockton.
Heating — W. T. Gibson Co., 123 S. Grant St., Stockton.
Tile Work—Fisher Tile & Marble Co., 744 E. Webster St., Stockton.
Lathing and Plastering—J. C. Perry, 530 W. Willow St., Stockton.
Mill Work—Electric Planing Mill, 545 S. Monroe St., Stockton.
Hardware—Turner Hardware & Implement Co., P. O. Box 1050, Stockton.
Painting—J. F. Ecker, 17 W. Poplar St., Stockton.
Flooring—McLean Hardwood Floor & Linoleum Co., 37 S. Sutter St., Stockton.

Contract Awarded.

ALTERATIONS Cost, $5000
SAN FRANCISCO. Bush & Octavia streets.
Alterations to hospital.
Owner—Green's Eye Hospital, Prem.
Engineer — W. H. Ellison, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Preparing Preliminary Plans.

ALTERATIONS Cost, $——
HOLLISTER, San Benito Co., Calif.
Alterations and addition to hospital building (Hazel Hawkins Memorial Hospital).
Owner—County of San Benito.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Ways and means of raising funds is now being discussed.

10— HOTELS

Foundation Contract Awarded.

ALTERATIONS Cost, $50,000
CHICO, Butte Co., Calif. Second and Salem Streets.
Alterations and additions to hotel (add fifty bath rooms, 90 tubs; repair foundations, etc.)
Owner—Hotel Oaks, Chico.

Architect—G. N. Hilburn, 1213 I St., Modesto.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Foundations—Ira Cotner, Rt. 4, Box 1209, Modesto.
As previously reported, plumbing awarded Hanson's, Modesto; cooling system to General Electric Co., Russ Bldg., San Francisco.

Construction To Start Shortly
ALTERATIONS Cost, $2,000
SAN FRANCISCO, Calif., 469 Pine St.
Alterations to hotel.
Owner—M. L. Pischel, 2001 Lyon St.
Architect—Not given.
Contractor — Mgr. of Construction, T. A. Lindsey, 469 Pine St.

12— POWER PLANTS

Planned.
ADDITION Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. Hamilton Avenue.
Two wings to library building (each 20x29 feet).
Owner—City of Palo Alto.
Architect—Not Selected.

CONTRACTS AWARDED
BOULDER CANYON, Nev.—Bureau of Reclamation has awarded the following contracts for structural glass, marble and aluminum work for Boulder Canyon Project under Spec. No. 779-D; Sanitary Const. Co., Indianapolis, schedule No. 1, $12,700; Westcox Co., Santa Ana, schedule No. 2, $1,539; A. J. Bayer Co., Los Angeles, schedule No. 4, $2700; schedule No. 3 was rejected.

CONTRACT AWARDED
BOULDER CANYON, Nev.—L. D. Reeder Co., 3330 W 36th St., Los Angeles, awarded contract by Bureau of Reclamation at $6000 for rubber tile floor covering for the Boulder Canyon Project power plant and switchyard relay house; Spec. No. 780-D

CONTRACT AWARDED
BOULDER CANYON, Nevada—Rees Blow Pipe Manufacturing Co., 340 7th St., San Francisco, awarded contract by Bureau of Reclamation at $6500, for furnishing sheet metal work for the cooling and ventilating system for Boulder power plant, Boulder Canyon Project; Spec. No. 778-D.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Sub-Contracts Awarded
COURT HOUSE Cont. Price, $424,432
SALINAS, Monterey Co., Calif. Site of Old County Courthouse (Cayuga Street).
Three-story reinforced concrete fireproof court house (reinf. concrete foundations, steam heating plant, gas fired boilers, temperature control, composition roof, etc.)
Owner—County of Monterey.
Architect—Robert Stanton, Del Monte Hotel, Del Monte, and Chas. Butner, Glikbarg Bldg., Salinas.
Engineer—Richard Ware, care architect.
Mechanical Engineer—G. M. Simonson 74 New Montgomery St., S. F.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.
Hardware — Marshall-Newell Supply Co., Spear and Mission Sts., S. F.
Sheet Metal—Morrison & Co., 74 Duboce Ave., S. F.
Other awards reported April 20 and

BIDS REJECTED
OAKLAND, Cal.—Wm. Makin, 2141 Livingston St., Oakland, at $9,736 submitted the only bid received by the Alameda County Board of Supervisors for additional exterior plastering on new Alameda County Court House.
The bid was rejected and will not be readvertised.

CONTRACT AWARDED
POMONA, Los Angeles Co., Calif.—C. T. and W. P. Stover, 116 Alexander Ave., Claremont, awarded general contract by the Los Angeles county supervisors at $53,639.61 for the construction of Bldgs. 1 and 2 of the live stock exhibit buildings, Los Angeles County Fairgrounds, Pomona. The buildings will be of reinforced concrete construction R. E. Shonerd, county mechanical engineer, Rm. 1006 Hall of Records.

Sub-Contracts Awarded
FIREHOUSE Cont. Price, $11,969
BERKELEY, Alameda Co., Cal. Cedar Street from 8th to 9th Streets.
One - story frame fire house (cement plaster exterior) reinforced concrete drill tower and machine shop
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.
Roofing—Guy Tyler & Sons, Berkeley.
Plumbing—J. A. Fazio, Oakland.
Electric Wiring—Fred Schmits, Oakland.
Sheet Metal—J. C. Owens Sheet Metal Works, Berkeley.
Tile—Brockhurst Tile Co., Berkeley.
Brick Work—W. H. Wisheropp, Oakland.
Lathing and Plastering — H. Thorndyke, Oakland.
Lumber—Hill Lumber Co., Berkeley.
Mill Work—Clinton Mill & Lumber Co. Oakland.
Painting—E. E. Jarvis, Berkeley.
Concrete—Schnoor Bros., Oakland.
Reinforcing Steel—McGrath Steel Co., Oakland.

Plans Being Completed.
CITY HALL Cost, $152,000
SAN LEANDRO, Alameda Co., Calif. Bancroft and Callen Avenues.
Two-story reinforced concrete city hall (180x120 ft.) (10 offices, quarters for polic and fire department, city council chambers, etc.)
Owner—City of San Leandro.
Engineer—John Carl Thayer, City Engineer, San Leandro.
Architect—E. P. Whitman, Los Gatos.
Project approved by the WPA and it is expected construction will start shortly.

BIDS OPENED
SAN FRANCISCO.—Braas & Kuhn, 1917 Bryant St., at $894 submitted low bid to Department of Public Works for construction of Traffic Bureau quarters for the Controller's Office, City Hall.
Complete bids follow:

Braas & Kuhn	$ 894
Frank J. Reilly	991
F. C. Amoroso & Sons	1,673

Bids held under advisement.

BIDS WANTED
SAN FRANCISCO. — Until July 15, 1:45 P. M., informal bids will be received by Department of Public Wks. Room 251, City Hall, for work as follows:
(1) Installation of accotile floor in Sunset Branch Library, 18th Avenue and Irving Street;
(2) Installation of masonite floor at Mission Branch public library, 24th and Bartlett Sts. (2-a) Installation of masonite baseboard:
(3) Installation of masonite floor at Golden Gate Valley Branch Library, Octavia and Green Sts. (3-a) Installation of masonite baseboard.
Further information may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th Street.

BOND ELECTION
STOCKTON, San Joaquin Co., Cal. San Joaquin County will vote on August 25, on a proposal to levy a tax to finance construction of a new county courthouse and new county jail.

CONTRACT AWARDED
SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at $429.00 awarded contract by Department of Public Works for installation of masonite flooring at the Park Branch Library, Page and Cole Streets.

PLANNED
PALO ALTO, Santa Clara Co., Cal. City of Palo Alto is considering either construction of a new public works building or remodeling and enlarging the present City Hall.
Application will probably be filed with PWA to assist in fiancing the proposed work.
Futher details will be announced at a later date.

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $5,000
SACRAMENTO, Sacramento Co., Cal. 1820 Castro Way.
One - story and basement frame and stucco residence.
Owner—J. J. Seidell, 2684 18th Street, Sacramento.
Architect—Not Given.
Contractor—C. V. Osborn, 2324 H St., Sacramento.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SACRAMENTO, Sacramento Co., Cal. 424-440-448-500 San Antonio Way.
Four one - story and basement frame and stucco residences.
Owner and Builder—Klein Realty Co., 807 J St., Sacramento.
Plans by Owners.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
SAN FRANCISCO. W Fernwood at Ravenwood Drive.
Two - story and basement frame and stucco residence.
Owner and Builder—Paul Wolter, Jr., 190 Maywood Drive.
Architect—Earl MacDonald, 3817 Broadway, Oakland.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 5847 Chelton Drive.
Two-story frame and stucco residence (six rooms).
Owner—D. M. Redford, 901 Rose Ave., Oakland.
Architect—Conrad Kett, 519 California St., San Francisco.
Contractor—Jas. Allan, 1645 68th Ave., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 each
OAKLAND, Alameda Co., Cal. 253-254 Castello Street.
Two one-story and basement frame and stucco residences (six rooms each).
Owner and Builder—J. W. Scammell, 3161 Fruitvale Ave., Oakland.

Plans Being Completed
RESIDENCES Cost, $6,500 each
SAN FRANCISCO. Romain and Grand View Avenue.
Six one-story and basement frame and stucco residences (5 and 6 rooms)
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—A. H. Larsen, 333 Kearny
Plans will be completed within a few days.

Plans Being Figured
RESIDENCE Cost, $7,500
BURLINGAME HILLS, San Mateo Co.

Two-story frame and stucco residence (6 rooms, 2 baths) shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
H. T. Holsher, 325 Elm Street, San Mateo, is the only contractor figuring the plans. *

Low Bidder
RESIDENCE Cost, $10,600
BAYWOOD, San Mateo Co., Calif.
Two-story and basement frame residence (9 rooms, 3 baths) shingle tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Low Bidder—A. E. Orton, 151 Harriet Ave., Palo Alto.

Plans Being Completed
RESIDENCE Cost, $6,000
WATSONVILLE, Santa Cruz Co., Cal.
Two - story frame and stucco farm house (6 rooms, 2 baths) gas wall heat; hardwood floors; tile baths; shingle or tile roof.
Owner—Dr. Sambuck.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be asked in about 2 weeks.

Plans Being Completed
RESIDENCE Cost, $5,500
SANTA ROSA, Sonoma Co., Calif.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—Thorn Gale, Santa Rosa.
Architect — Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Plans Being Completed
RESIDENCE Cost, $6,500
SANTA ROSA, Sonoma Co., Calif.
Two - story and basement frame and stucco residence (7 rooms and 2 baths) shake roof, gas heating system, wood sash, tile baths, hardwood floors, etc.
Owner—E. W. White.
Architect — Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Bids Wanted—To Close July 14, 10 A. M.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Calif. 5339 Trask Street.
Two - story and basement frame and stucco residence (10 rooms and 4 baths) tile roof, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. A. Lyle Winslow, % architects.
Architect—Hertzka and Knowles, 369 Pine St., San Francisco
Bids will be taken from a selected list of contractors.
NOTE: Date of opening bids has been advanced from July 15, previously reported.

Contract Awarded.
RESIDENCE Cost, $11,000
PALO ALTO, Santa Clara Co., Calif. No. 1166 Forest Avenue.
Two-story stucco residence and garage.
Owner—J. G. Wheeler, 170 Dana Ave., Palo Alto.
Architect—Not Given.
Contractor—W. F. Klay, 124 University Ave., Palo Alto.

Plans Completed
RESIDENCE Cost, $3,750
OAKLAND, Alameda County, Oaks Blvd.
Two-story residence (5 rooms, 1 bath) hardwood floors; tile bath; stucco walls; gas heat.
Owner—Mr. Bragg.
Architect—Withheld.

Plans Completed
RESIDENCE Cost, $5000
OAKLAND, Alameda County, Morris Avenue and Hermosa .
Residence (5 rooms, 1 bath), hardwood floors; tile bath; stucco walls; gas heat.
Owner—M. P. Brash.
Architect—Withheld.

Contract Awarded
RESIDENCE Cost, $——
PALO ALTO, Santa Clara Co., Calif.
Two-story frame and stucco residence.
Owner—Wheeler H. Thayer.
Architect—J. K. Branner, 210 Post St., San Francisco.
Contractor—B. Tunberg & Co., Box 732, Palo Alto.
(9558) 1st rep. May 8; 2d, June 5.

Lumber Contract Awarded
RESIDENCE Cost, $18,000
SAN FRANCISCO. Twenty-fifth Ave.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) composition shingle and flat roofing, oil or gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—J. W. Dinkelspiel.
Architect — W. D. Peugh, 333 Montgomery Street.
Contractor—Fred K. DuPuy, 110 Sutter Street.
Lumber—Chapman Lumber Co., 144 Spear St., San Francisco.
As previously reported, grading awarded Devincenzi Bros., 150 Collins Street.

Working Drawings Completed
RESIDENCE Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. College Park.
Two-story brick and wood residence (11 rooms, 4 baths) slate roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Sub-Contracts Awarded.
ALTERATIONS Cost, $12,350
PALO ALTO, Santa Clara Co., Calif. No. 543 Lasuen Street.
Alterations and additions to residence hall (work involves concrete work, brick, tile, carpentry, plastering, electric, sheet metal, roofing, heating, plumbing, painting, sewer work, etc.)
Owner — Chi Omega Corp., Stanford University, Palo Alto.
Architect—John K. Branner, 210 Post St., San Francisco.
Contractor — Harry H. Dabinett, 959 Guindo St., Palo Alto.
Roofing—Davis Roofing Co.
Plumbing—Lee & Sharp, 611 Emerson Ave., Palo Alto.
Electric Wiring—Erskine Electric Co., Middleton Road & Fifth St., Redwood City.
Heating—Horabin Oil & Burner Co., 234 Hamilton Ave., Palo Alto.
Sheet Metal—Ashworth.
Tile Work — D. A. Pancoast Co., 26 O'Farrell St., San Francisco.
Glass—Pacific Mfg. Co., Santa Clara.
Iron Grille Work—Seifel Ornamental Iron Works, 1079 Folsom St., San Francisco.
Brickwork—J. Glenn.
Lathing and Plastering—Ira Bridges, 654 Oberlin St., Palo Alto.
Lumber — Merner Lumber Co., 795 State Highway, Palo Alto.
Mill Work — Pacific Mfg. Co., Santa Clara.
Painting—Thomas & Stangl Co., Box 441, Palo Alto.
Concrete—Fred Simonini, 455 Lambert St., Palo Alto.
Flooring — Inlaid Floor Co., 600 Alabama St., Palo Alto.
Reinforcing and Structural Steel—W. S. Wetenhall Co., 17th and Wisconsin Sts., San Francisco.

Contract Awarded.
RESIDENCE Cost, $8000
SAN JOSE, Santa Clara Co., Calif. 1470 Calaveras Avenue.
Seven-room residence.
Owner — Ben C. Carter, 1367 Sierra Ave., San Jose.
Architect—Not Given.
Contractor—G. Kocher, Graphic Arts Bldg., San Jose.

Sub-Contracts Awarded
RESIDENCE Cost, $5,000
SANTA ROSA, Sonoma Co., Calif.
One - story and basement frame and stucco residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—Melvin Huffman.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.
Plumbing—George Mitchell, 513 Third St., Santa Rosa.
Electric Wiring—Karl Stolting, 1067 Fourth St., Santa Rosa.
Heating and Sheet Metal—D. E. Metzgus, 898 4th St., Santa Rosa.
Tile Work—W. H. Moody, 629 Fifth St., Santa Rosa.
Brick Work—Dom Lanclum.
Lathing and Plastering—Arthur Ingham, 525 Rose Court, Santa Rosa.
Lumber—Henry Laws Co., 8th and Wilson, Santa Rosa.
Mill Work—H. E. Huntington, 6 1 6 Wilson St., Santa Rosa.
Hardware—Mailer Frey Co., 631 4th St., Santa Rosa.
Painting—Sullbert & Son, Rt. 1, Box 19, Windsor.
Concrete—F. M. Favner, Burbank Avenue, Santa Rosa.
Flooring—W. A. Jorgensen, Route C, Box 9, Santa Rosa.

Contract Awarded.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. No. 1492 Scenic Avenue.
One-story frame residence (7 rooms).
Owner—W. G. Garthwaite, 2277 Vine St., Berkeley.
Architect—E. T. Spencer, Claus Spreckels Bldg., San Francisco.
Contractor—Wm. Livingston & Son, 1152 Euclid Ave., Berkeley.

Sub-Contracts Awarded.
RESIDENCE Cost, $18,813
PALO ALTO, Santa Clara Co., Calif. Crescent Park.
Two-story and basement frame and stucco residence.
Owner—Mrs. May Burrel Haehl.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor—Harry H. Dabinett, 959 Guinda St., Palo Alto.
Plumbing—Lee & Sharp, 611 Emerson St., Palo Alto.
Electric Wiring—L. A. Northrup, 1032 Channing St., Palo Alto.
Heating—Stanford Sheet Metal Works 815 High St., Palo Alto.
Sheet Metal — Stanford Sheet Metal Works, 815 High St., Palo Alto.
Tile Work—Phillings Tile Co.
Glass—Acme Glass Co., 811 Alma St., Palo Alto.
Iron Grille Work—Belber Ornamental Iron Works, 744 High St., Palo Alto.
Brick Work—Walker Bros., 950 Roble Ave., Menlo Park.
Lathing and Plastering—654 Oberlin St., Palo Alto.
Lumber — Merner Lumber Co., 795 State Highway, Palo Alto.
Steel Sash — Michel & Pfeffer Iron Works, 10th and Harrison, S. F.
Mill Work — Pacific Mfg. Co., Santa Clara.
Painting—Thomas & Stangl, Box 441, Palo Alto.

Concrete — J. Emma, 183 E. Willow Road, Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
ALAMEDA, Alameda Co., Cal. No. 806 Taylor Street.
Two-story frame and stucco residence (seven rooms).
Owner and Builder—Giavanni Zanaria, 810 Taylor Ave., Alameda.
Architect—Not Given.

Contract Awarded.
DUPLEX Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Lee Property, Ellsworth Street.
Frame and stucco duplex residence.
Owner—Lloyd Hirschfield.
Architect—Not Given.
Contractor—Alfred P. Fisher, 111 Sutter St., San Francisco.

RESIDENCE Cost, $8000
BURLINGAME, San Mateo Co., Calif. Hillside Drive.
Two-story frame and stucco residence
Owner—W. S. Barr, 309 Clark Drive, Burlingame.
Architect—Not Given.
Contractor — San Mateo Investment Co., 2562 So. El Camino, Burlingame.

Contract Awarded.
ALTERATIONS Cost, $8000
PIEDMONT, Alameda Co., Calif. No. 222 St. James Drive.
Alterations and additions to residence
Owner—W. J. Burns, 15 Downey Pl., Piedmont.
Architect — Blanchard & Naker, 110 Sutter St., San Francisco.
Contractor—John H. Schneider, 5621 Shafter Ave., Oakland.

Plans Being Figured
RESIDENCE Cost, $5,400
OAKLAND, Alameda Co., Cal. Colton Boulevard.
Two-story frame and stucco residence (five rooms, one bath) shake roof, plank floors, gas hot air heat.
Owner—Mr. Bannister.
Architect—Chas. McCall, 1404 Franklin S., Oakland.
Bids will close about July 18.
Following will submit bids:
Bertram S. Booth, 91 Nova Drive, Piedmont.
Albert Haskell, 255 Ridgway Avenue Oakland.
Emil Person, 829 San Luis Road, Berkeley.

Sub-Bids Being Taken.
RESIDENCES Cost, $6000 each
SAN FRANCISCO. Pinelake Park.
Two one-story and basement frame and stucco residences (6 & 7 rms.) tile roof and flat tile roof, wood sash, gas heating system, hardwood floors tile baths, etc.
Owner—A. J. Herzig, 2300 Ocean Ave. San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cont. Price, $28,055
HILLSBOROUGH, San Mateo Co.
Two-story and basement frame and stucco residence (wood roof, hot water heating system, wood sash, oak floors, tile baths, etc.)
Owner—W. W. Holt.
Architect — James Mitchell, 369 Pine St., San Francisco.
Contractor—C. H. Bessett, 826 Walnut Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $8,450
PALO ALTO, Santa Clara Co., Calif. Santa Teresa Subdivision.
Two-story frame, stucco and brick veneer residence.
Owner—Paul Kirkpatrick, Palo Alto.
Plans by Morgan Stedman, 633 Kellogg Ave., Palo Alto.
Contractor—Carroll Da Mant, 66 Kellogg Ave., Palo Alto.

Contract Awarded.
RESIDENCES Cost, $10,000 each
SAN FRANCISCO. S Marina Blvd. W Baker Street.
Three one-story and basement frame and stucco residences.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.
It was previously reported that H. C. Baumann as architect, which was in error.

Preparing Working Drawings.
RESIDENCE Cost, $25,000
SAN FRANCISCO. Marina Blvd. nr. Casa Way.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, gas heating system, wood sash, tile baths and kitchen, hardwood floors, etc.
Owner—Withheld.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco.
Bids will be asked in about two weeks.

Plans Being Figured—Bids Close July 18th.
RESIDENCE Cost, $——
SAN JOSE, Santa Clara Co., Calif.
Two-story frame residence (9 rooms, 4 baths) Colonial type, brick veneer siding, shingle roof, hardwood floors, tile baths, etc.
Owner—W. S. Clayton, Jr.
Architect—H. W. Higble, 518 S. Second St., San Jose.
Following will submit bids:
E. Nommensen, 315 S. 17th St., San Jose.
Clyde Alexander, 329 S 17th St., San Jose.
C. F. Keesling, 798 Coe Avenue, San Jose.

Plans Being Completed
RESIDENCE Cost, $5,500
SAN FRANCISCO. 25th Ave. (Merced Manor).
1½-story frame and stucco residence (6 rooms, 2 baths) French type, shingle tile and composition roofing, gas heating system, tile baths & kitchen, hardwood floors, wood sash, etc.
Owner and Builder—Jas. McCabe, 716 Ulloa Street.
Architect—D. E. Jaekle, 126 Post St. Sub-bids will be taken within a few days.

Owner Taking Bids
RESIDENCE Cost, $——
MARTINEZ, Contra Costa Co., Calif.
1½-story 3-family frame and stucco dwelling (4 rooms, 1 bath each) tile and composition roof, hardwood floors, floor furnaces, wood sash, tile bath and sink.
Owner—H. Melnick, Martinez.
Architect—Jas. Narbett, 462 31st St., Richmond.

Plans Being Figured—Blds Close July 17
RESIDENCE Cost, $——
ATHERTON, San Mateo Co. ,Calif.
Two-story frame and stucco residence
Owner—Mr. Park.
Architect—E. E. Young, 2002 California St., San Francisco

Contract Awarded.
RESIDENCES Cost, $10,000each
SAN FRANCISCO. S Marina Blvd. W Baker Street.
Three one-story and basement frame and stucco residences.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $4763
OAKLAND, Alameda Co., Cal. Claremont Terrace.
One-story frame and stucco residence
Owner—J. C. Jordan.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor — D. W. Nicholson, 550 Blossom Way, San Leandro.
Plumbing—J. J. Horner, Oakland.
Electric Wiring—F. Carlson, Oakland.
Heating—Atlas Heating Co., Oakland.
Sheet Metal—McNally Sheet Metal Works, Oakland.
Tile—Kooyman Tile Co., Oakland.
Brick Work—M. Miller, Oakland.
Lathing and Plastering—J. C. Jeffers.
Flooring—Rex Floor Company.
Lumber—Smith Lumber Co., Oakland.
Concrete—F. Lopes.
Mill Work—Lannom Bros. Mfg. Co., Oakland
Painting—J. H. Lawrence, Oakland.

Plans Being Figured—Bids Close July 17, 2 P. M.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
Two-story frame, stucco and brick veneer residence (10 rooms, three baths and separate lavatory) split shake roof, gas fired three - unit furnace, steel sash, steel casement doors, hardwood floors, tile baths
Owner—Mr. Park
Plans by Wm. H. Young, 236 Ritch St., San Francisco.
It was previously reported that E. E Young, San Francisco, was the architect, which was in error.
Fred. K. DuPuy, 110 Sutter Street, is among the contractors figuring the plans.

Sub-Contracts Awarded
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calf. Euclid Avenue.
Two-story frame and stucco residence (6 rooms) shingle roof, gas warm air heating system, wood sash, hardwood floors, etc.
Owner—H. J. Baker, 625 17th Street, Merced.
Architect—B. Reede Hardman, 2068 Allston Way, Berkeley.
Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.
Roofing—C. Griffin, Berkeley.
Plumbing—H. F. Lass, Oakland.
Electric Wiring—Fred Schmits, Oakland.
Heating and Sheet Metal—J. C. Owens Sheet Metal Works, Berkeley.
Tile—Brockhurst Tile Co., Berkeley.
Brick Work—W. H. Wisheropp, Berkeley.
Lathing and Plastering—C. H. Burnett Oakland.
Lumber—Loop Lumber Co., Alameda.
Steel Sash—Gleason Steel Prod. Co., Oakland.
Mill Work—Clinton Mill & Lumber Co. Oakland.
Hardware — Maxwell Hardware Co., Berkeley.
Painting—R. C. McRice, Oakland.
Concrete—Schnoor Bros., Oakland.
Flooring—R. I. Davis, Berkeley.
Reinforcnig Steel—McGrath Steel Co., Oakland.

Contract Awarded
RESIDENCES Cost, $150,000
SAN LEANDRO, Alameda Co., Calif. Ivy Wood Terrace bet. 101st and 104th Avenues.
Fifty one-story frame and stucco residences (5 and 6 rooms)
Owner—Withheld.
Plans by Mr. Johnson.
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro.

Contract Awarded.
RESIDENCE Cont. Price $9997
LOS GATOS, Santa Clara Co., Calif.
Two-story frame and stucco residence (six rooms); tile roof, gas heating system, hardwood floors, etc.
Owner—Fred Oehler, American Trust Co., San Jose.
Architect—Binder & Curtis, 25 W San Carlos St., San Jose.
Contractor—J. C. Monk, 45 Tait Ave., Los Gatos.

Plans Being Figured.
RESIDENCE Cost, $12,000
SANTA CLARA, Santa Clara Co., Cal.
Two-story frame and stucco residence (7 rooms, 2 tile baths) hardwood floors, gas heating system, wood sash, plaster interior.
Owner—Mr. Wilson.
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.
Bids will probably be opened July 13.

15— SCHOOLS

CONTRACT AWARDED
LOS ANGELES, Calif.—Byerts and Dunn, 1131 N Orange Grove Avenue, awarded contract by the Los Angeles board of education at $95,580 (based upon a main bid of $89,830, plus $5750 additional as accepted under Alt. No. 1), for the construction of a two-story reinf. concrete main building (Unit No. 1) at the Malabar Street school, 3200 Malabar St. Walter S. Davis, 3215 W 6th St., architect; Harold P. King, Room 209, 5369 Wilshire Blvd., structural engineer and E. L. Ellingwood, H. W. Hellman Bldg., mechanical engineer.

CONTRACT AWARDED
LOS ANGELES, Cal.—R. E. Campbell, 711 Central Bldg., awarded contract by Los Angeles board of education at $45,979, for reconstruction, rehabilitation and strengthening of the main brick building at Solano Avenue School, 615 Solano Ave. Raphael A. Nicolais, 614 Clem Wilson Bldg., architect, and Mark Falk, Lodi, structural engineer.

BIDS WANTED
LORAINE, Kern Co., Calif.—Until 8 P. M., July 21, bids will be received by the Twin Oaks School District near Loraine, Kern County, for the construction of a frame school building. Plans and specifications may be obtained at the office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield upon deposit of $10. Certified check or bond for 10% must accompany each bid.

Bids Rejected
RECON. SCHOOL Cost, $10,000
BURLINGAME, San Mateo Co., Calif. Paloma Avenue.
Partial reconstruction of McKinley Elementary School.
Owner—Burlingame Elementary School District.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
New bids will probably be asked at a later date.

Contract Awarded
ADDITION Cost, $——
CENTERVILLE, Alameda Co., Calif.
Addition to high school (add visual education room and agricultural room to main building and enlarge shop building).
Owner—Washington Un. High School District (H. F. Harrold, Clerk).
Architect—Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Contractor—C. N. Swenson, 355 Stockton Ave., San Jose.

Preparing Sketches
SCHOOL Cost, $360,000
PALO ALTO, Santa Clara Co., Calif. Middlefield Road and Santa Arita.
Two-story reinforced concrete junior high school to accommodate 1,000; administrative office, 27 classrooms boys' and girls' gymnasium, auditorium to seat 1000; cafeteria to accommodate 600, and library.
Owner—Palo Alto School District.
Architect—Birge M. & David B. Clark 310 University Ave., Palo Alto.

Additional Sub-Contracts Awarded.
SCHOOL Cont. Price, $65,435
PETALUMA, Sonoma Co., Cal. Howard and Walnut Streets.
Two-story and basement reinforced concrete parochial school (8 classrooms; 37x156 feet) St. Vincent's Parochial School.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Arnold Constable, 580 Market St., San Francisco.
Structural Engineer — K. Thiell, 580 Market St., San Francisco.
Contractor—John H. Schnieder, 5621 Shafter Ave., Oakland.
Painting—Lee Dixon, 18 Eureka St., San Francisco.
Plastering contract will be awarded shortly.

BIDS OPENED
SAN FRANCISCO.—Frank J. Reilly, 6350 Fulton St., at $5,201 submitted low bid to Department of Public W'ks for installation of cabinet and plumbing work at the Girls' High School, Scott and Geary Sts. Only other bid was submitted by F. C. Amoroso & Sons at $7,144.

CONTRACT AWARDED
LOS ANGELES, Cal.—H. A. Nichols, 936 E Slauson Ave., awarded the contract by the Los Angeles board of education at $45,821 for the construction of a one-story reinforced concrete classroom building at the Evergreen Avenue school, 2841 Dobinson St. Rea & Garstang, Room 1128, 215 W 6th St., architects; S. B. Barnes, 803 W 3rd St., structural engineer; H. A. Stockley, 560 S Main St., mechanical engineer, and Harry M. Gailey, 707 Board of Trade Bldg., electrical engineer.

Awards Approved
HIGH SCHOOL & GYM Cost, $615,000
SACRAMENTO, Sacramento Co. ,Cal. West Freeport Blvd. bet. Bidwell Way and Sixth Avenue.
One- and two-story main building of senior high school (steel trusses, concrete floors, wood roof with tile and composition roofing, interior wood partitions with metal lath and plaster; one-story reinf. concrete gymnasium (steel trusses, columns and beams, locker rooms, shower and dressing rooms, offices toilet and storage rooms).
Owner—Sacramento City High School District.
Architect—Starks & Flanders, 310 Bank of America Bldg., Sacramento.
The PWA has approved award of contracts as follows:
Main Building—K. E. Parker Co., 135 South Park, San Francisco, $544,-060 (omitting main lobby, radio system, roads through grounds, and fencing);
Gymnasium—Holdener Const. Co., 2608 R St., Sacramento, $102,009;
Cafeteria Equipment — Mangrum-Holbrook Co., 1235 Mission St., San Francisco, $5,468.30.
Stage Rigging—General Seating Co., 160 Second St., San Francisco, $4,-222.00.

Plans Being Prepared
CAFETERIA Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. Sacramento Junior College.
One-story reinforced concrete cafeteria and school activities building (tile roof; 5th unit).
Owner—Sacramento School District.
Architect—Harry Devine, Cronan Bldg., Sacramento.

BIDS WANTED
BERKELEY, Alameda Co., Calif.—Until July 20, 5 P. M., bids will be received by the Berkeley Board of Education, Clara F. Andrews, Secretary, for furnishing construction materials to be used in Hillside School (central portion) John Muir kindergarten, Washington Schools stairs and Willard School gymnasium.
Materials to be furnished include: lumber, rough hardware, portland cement, concrete aggregates and plaster sand, reinforcing steel, structural steel, bolts and washers, steel rods and nuts, plumbing materials, electrical materials, stair treads, sheet metal, copper and brass, millwork materials, standpipe materials, paint, miscellaneous iron, glass, plaster materials, small tools, etc.
Labor will be furnished by WPA.
Specifications obtainable from above office.

Bids Opened
ADDITIONS Cost, $15,000
AUBERRY, Fresno Co., Calif.
Additions to high school (frame and stucco construction) locker rooms, dressing rooms, boiler room, additions to gymnasium and stage, etc.
Owner—Sierra Union High School District.
Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.
Low Bidder—T. C. Irwin, 908 Mildreda Fresno, $21,000.
Complete bids follow:

T. C. Irwin, Fresno	$21,000	
(Alt. 1, deduct)		225
Harris Const. Co., Fresno	21,610	
(Alt. 1, deduct)		330
L. H. Hansen & Son, Fresno	22,673	
(Alt. 1, deduct)		.....
Midstate Const. Co., Fresno	24,781	
(Alt. 1, deduct)		250
W. J. Ochs, Fresno	27,396	
(Alt. 1, deduct)		175

Bids held under advisement.

Plans Awaiting Approval
RECONST. SCHOOL Cost, $50,000
SAN LEANDRO, Alameda Co., Calif.
Reconstruction of the existing unit and construct additional new units at Roosevelt School (wood frame and stucco construction).
Owner—San Leandro School District.
Architect—Geo. Klinkhardt, Bank of America Bldg., Oakland.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans have been approved by the Division of Architecture, Sacramento, and forwarded to PWA for approval. Bids will be asked as soon as PWA approval is granted.

Plans Being Prepared.
SCHOOL ADDITION Cost, $12,000
TULELAKE, Siskiyou Co., Calif.
Frame addition to high school (three classrooms and library).
Owner—Siskiyou Union High School District.
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.
Members of the board include Judd Ager, Ager; R. A. Kaupp, Mt. Shasta; Dr. Dickenson, McCloud; Archie Kindig, Fort Jones, and Otto Reichman, Montague.

TO ASK BIDS
WARM SPRINGS, Alameda Co., Cal —Bids will be asked shortly by the Warm Springs Grammar School Dist. for new furnishings and stage equip-

ment for the new school recently completed.

BIDS WANTED

LOS ANGELES, Cal.—Until July 21, 2 P. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for two new classroom buildings and a kindergarten building, (buildings "A", "B" and "C") at the Menlo Avenue School, 4170 S. Menlo Ave. Buildings will be of frame construction, classroom structures each 58x 163 feet in area, and kindergarten, 47x 75 feet; plaster exteriors, composition roofing, steel sash, metal lath and plaster, hardwood floors, reinforced concrete corridors, toilets, sheet metal work, etc. Estimated cost $105,000. Plans prepared by Architect Albert B. Gardner, 11,144 Agua Vista, - Hollywood, Structural Engineer Ralph A. DeLine, 1144 S. Grand Ave. [illegible] A. Sanborn & Co., mech[illegible] neers, 357 S. Hill St.

Contract Awarded.

RESIDENCE Cost, $6000
ALAMEDA, Alameda Co., Cal. No. 2442 Otis Drive.
One-story and basement frame and stucco residence (5 rooms).
Owner—H. W. Welsh, 1435 Harrison St., Oakland.
Architect—Paul V. Tuttle, 3718 Grand Ave., Oakland.
Contractor — Harry C. Knight, 1435 Harrison St., Oakland.

Plans Being Prepared.

ADDITION Cost, $75,000
NORTH SACRAMENTO, Sacramento Co., Calif
Addition to high school building (add 18 classrooms) reinforced concrete construction.
Owner — Grant Union High School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.

Contract Awarded

GYMNASIUM Cont. Price, $48,000
BAKERSFIELD, Kern Co., Calif.
Reconstruction, strengthening and rehabilitation of girls' physical education building at high school.
Owner—Kern Co. Union High School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Henry Eissler, 2228 18th St., Bakersfield.
Complete bids follow:

General Work

Henry Eissler, $99,000 for the work complete; (a) addition only, $48,000 (except plastering); Williams and Greenough, $100,870; (a) no bid; A. J. Hendricks, $100,979 (a) no bid; Opperman & Co., $119,121; (a) $61,674.

Heating and Ventilating

Gundlach Plumbing Co., $5744, (a) $2454; W. M. Fisher, $5784, (a) no bid; McKenney, $5877, (a) no bid.

Plumbing

McKenney, $9352, (a) no bid; Gundlach Plbg. Co., $11,414, (a) no bid; Bakersfield Plbg. Co., $11,998, (a) $5,555.

Electrical Work

Standard Electric Co., $4801; Bauer Electric Co., $4803; Drury Electric Co., $5,086; no bids on (a).

Heating, ventilating, plumbing and electrical bids held under advisement.

Bids Wanted—To Close July 20, 7:30 P. M.

ADDITION Cost, $——
VISALIA, Tulare Co., Calif.
Addition to gymnasium at High School.
Owner — Visalia Union High School District (E. E. Baker, Clerk).
Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Plans and specifications may be obtained from the office of the Secretary of the Board, High School Bldg., Visalia.

New Bids Wanted—To Close July 16. 7 P. M.

SCHOOL Cost, $80,000
TAFT, Kern Co., Cal. Lincoln School Site.
Reinforced concrete domestic science and music bldg. at Lincoln School site (tile roof, cement and wood floors, steel sash, etc.)
Owner—Kern County Grammar School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

On previous bid opening the low bids were submitted as follows:

General—Trewhitt - Shields & Fisher, 1501 Pacific Southwest Building, Fresno, $47,995.
Plumbing—J. E. Pettijohn & Co., 1115 1117 Golden State Highway, Delano, $1250.
Heating and Ventilating—J. E. Pettijohn Co., Delano, $5175.
Electric Work—Garrett Electric Co., Taft, $4432.

Complete bids published June 29.

CONTRACT AWARDED

LOS ANGELES, Cal.—Wm. J. Disteli, 1284 S. Ridgeley Drive, Los Angeles, awarded contract by Los Angeles Board of Education, at $123,276, for construction of a new reinforced concrete assembly building at the Venice High School, corner of Venice Blvd. and Walgrove Ave., Venice. John C. Austin and Frederic M. Ashley, Architects, and G. H. Schulte, 608 Chamber of Commerce Building, Structural Engineer.

Contract Awarded.

ADDITIONS Cont. Price, $21,049
AUBERRY, Fresno Co., Calif.
Additions to high school (frame and stucco construction) locker rooms, dressing rooms, boiler room, additions to gymnasium and stage, etc
Owner — Sierra Union High School District.
Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.
Contractor—T. C. Irwin, 908 Mildreda St., Fresno.

Following sub-contracts awarded:

Concrete—N. Volanti, Fresno.
Sheet Metal—Patton Sheet Metal Wks Fresno.
Wiring—F. P. Vandergriff, Selma.
Painting—Carl C. Larsen, Fresno.
Plastering—Wm. E. Smart, Fresno.
Glass and Glazing—W. P. Fuller & Co., Fresno.
Millwork — Fresno Planing Mill, Fresno.
Reinforcing and Structural Steel and Miscellaneous Iron—Kyle & Co., Fresno.

BIDS WANTED

LOS ANGELES, Cal.—Until July 21, 7:30 P. M., bids will be received by the Inglewood Union High School District for a one-story reinforced concrete gymnasium and concrete swimming pool to be built at the Leusinger high school, Inglewood, a PWA project. Cost, $128,000. T. C. Kistner, 814 Architects' Bldg., Los Angeles, architect.

BIDS WANTED

LOS ANGELES, Cal.—Until July 22, 2 P. M.; bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., Los Angeles, for painting and miscellaneous work on the administration building at the William McKinley Jr. High School, 885 E 45th St. Cost, $6,000. Specifications were prepared by the architectural section of the board, A. S. Nihecker, Jr., architect.

BIDS WANTED

LOS ANGELES, Cal.—Until July 24, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., Los Angeles, for the reconstruction, rehabilitation and strengthening of 1922 portion of the main brick building at the Rosemont Avenue school, 421 N. Rosemont Ave. Cost, $43,500. Frederick Scholer, Rm. 1002, 811 W 7th St., architect and J. H. Davies, 213 Roycroft Ave., structural engineer.

BIDS WANTED

LOS ANGELES, Cal.—Until July 28, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., Los Angeles, for a two-story reinforced concrete classroom and auditorium building to be erected at the Arlington Heights school, 1717 Seventh Ave. Cost, $170,000. Roland E. Coate, architect; Paul E. Jeffers, structural engineer, and Ralph E. Phillips, 816 W Fifth St., mechanical engineer.

Bids Wanted—To Close July 22, 10 A. M.

RECONST. SCHOOL Cost, $50,000
SAN LEANDRO, Alameda Co., Calif. Dowling Blvd. bet. East Merle Court and Mitchell Ave.
Reconstruction of the existing unit & construction of a combined gymnasium and auditorium, 3 classrooms and several administration units at Roosevelt School (wood frame and stucco construction).
Owner—San Leandro School District.
Architect—Geo. Klinkhardt, 1801 Bank of America Bldg., Oakland.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Plans and specifications may be obtained from the architect and from the Board of Education upon deposit of $25.00.

BIDS WANTED

SEBASTOPOL, Sonoma Co., Calif. —Until July 20, 8 p.m., bids will be received by Sebastopol Union School District, for furnishing furniture, equipment and shades for the Sebastopol Union School. Estimated cost $6,000.

Specifications may be obtained from above office.

Plans Being Figured.

RECONST. SCHOOL Cost, $50,000
SAN LEANDRO, Alameda Co., Calif.
Reconstruction of the existing unit & construction of a combined gymnasium and auditorium, 3 classrooms and several administration units at Roosevelt School (wood frame and stucco construction).
Owner—San Leandro School District.
Architect—Geo. Klinkhardt, Bank of American Bldg., Oakland.
Structural Engineer—H.; J. Brunnier, Sharon Bldg., San Francisco.

Bids probably will be opened July 22.

Completing Preliminary Plans.

HIGH SCHOOL Cost, $115,000
AVENAL, Kings Co., Calif. Head of Seventh Street.
New high school building (frame construction) administration building, gymnasium and machine shops.
Owner — Lemoore Union High School District.
Architect—W. H. & Harold H. Weeks, 593 Market St., San Francisco.

CONTRACT AWARDED

SAN FRANCISCO. — Harry A. Cohen at $2100 awarded contract by the Department of Public Works, City Hall, under Spec. No. 4242, for out-

fitting one room of Denman School, Pierce St., as a cooking laboratory.

16—BANKS, STORES AND OFFICES

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 2366 Mission St.
Alterations to store building.
Owner—Siegal Shirt Shop, premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO. SE Ellis and Mason Streets.
Alterations to restaurant.
Owner—Dutch Delicatessen, premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Contracts Awarded
OFFICE BLDG. Cost, $50,000
SAN FRANCISCO. Van Ness Avenue South bet. 12th and 13th Streets.
Two-story reinforced concrete Class C office building (45x190-ft.)
Owner—Dempster Estate.
Architect — W. D. Peugh, 333 Montgomery Street.
Lessee — State of California (Motor Vehicle Dept.)
Structural Engineer—F. W. Kellberg, 320 Market Street.
Contractor—Cahill Bros., 206 Sansome.
Excavation—Sibley Grading & Teaming Co., 165 Landers Street.
Reinforcing Steel—Truscon Steel Co., 604 Mission Street.
Concrete—Readymix Conc. Co., Carolina and Mariposa Streets.
Electric—H. S. Tittle Co., 85 Columbia Square.

CONTRACT AWARDED
SAN DIEGO, Calif.—Walter Trepte, 631 Ninth Ave., San Diego, awarded contract for the erection of a reinforced concrete department store bldg. at 908 Sixth St., San Diego, for Whitney & Co. Cost, $85,000.

Contract Awarded
ALTERATIONS Cost, $3,500
SAN FRANCISCO, Calif., 444 Post Street.
Alterations to store building.
Owner—S. Chamberlain, premises.
Architect — Bakewell & Brown, 251 Kearny Street.
Contractor—George Wagner, 181 So. Park Street.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO. No. 769 Sixth St.
Alterations to restaurant.
Owner—N. Perris & Tom Nurris, 250 Collingwood Street.
Architect—Not given.
Contractor — Lamberton Sales Co., Mission Street.

Sub-Contracts Awarded.
ALTERATIONS Cost, $40,4000
OAKLAND, Alameda Co., Calif. 1530 Broadway.
Alterations for men's clothing store (three-story structure).
Owner—Hastings Clothing Store, Post and Kearny Sts, San Francisco, (C. H. Turner, Manager).
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—K. E. Parker, 135 South Park, San Francisco.
Mill Work—S .Kulchar & Co., 731 E-10th St., Oakland.
Marble—Roy Cook Marble Co., Emeryville.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland
Steel Sash — Soule Steel Co., 1750 Army St., San Francisco.

Plans Completed
REMODELING Cost, $30,000
BAKERSFIELD, Kern Co., Calif.
Addition and remodeling of department store (providing 25 ft. additional frontage; 26,000 ft. additional floor space) lighting fixtures interior decorating, etc.
Owner—Harry Coffee Dept. Store (R. E. Paehlig, general manager).
Architect—Charles Biggar, Haberfelde Bldg., Bakersfield.

Plans Being Completed—To Ask Bids Shortly
ADDITIONS, ETC. Cost, $70,000
SAN RAFAEL, Marin County, Calif. B and Fourth Streets.
Alterations to present building and addition of new annex, 42x45-ft.; 1-story steel and brick construction, plain and ornamental plaster, tile and terra cotta exterior, marble counters, composition roofing, metal windows, new steam heating plant, air conditioning system, marble and linatile floors, bronze fixtures, cabinet work, etc.
Owner—Bank of San Rafael (William P. Murray, president).
Architect—H. H. Winner, Wordsworth Avenue, Ross.
Bids will be asked about July 9.

Contract Awarded
STORE & OFFICES Cost, $24,000
YUBA CITY, Yuba Co., Calif. Scott and Plumas Streets.
YUBA CITY, Yuba Co., Calif. Scott and Plumas Streets.
Two-story modernistic store and office bldg. (3 stores on ground floor, 7 offices on second floor).
Owner—Earl Kimmons.
Architect—Not Given.
Contractor—Barton Edwards.

To Ask Bids Shortly
DEPT. STORE Cost, $100,000
SALEM, Oregon.
Three-story and basement dept. store (60x150) reinforced concrete construction, steel beams and joists, concrete slab floor covered with wood on 1st and 2nd floors; 1 passenger and 1 freight elevator; ornamental metal with cast stone face materials, composition roofing, oil-fired 2-pipe vacuum steam heating system, terrazzo, hollow tile.
Owner—Montgomery - Ward Co., Chicago.
Architect—Not Given.
J. C. Doucha, general construction superintendent for the owner will be in Salem soon to call for bids.

Contract Awarded
ALTERATIONS Cost, $11,400
SAN FRANCISCO. 550 Montgomery.
General work for alterations to district attorney's offices (7th and 8th floors).
Owner—Capital Co., 625 Market St.
Plans by Construction Dept. of Owner.
Contractor—Langfelder and Schuster, 280 Wawona Street.

Contracts Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. 821 Market St.
Alterations to offices, 3rd, 4th and 5th floors of Pacific Bldg.
Owner—Home Owners' Loan Assn.
Plans by Engineering Dept. of Owner.
General—F. R. Siegrist, 604 Mision St.
Electric—Edward Lynch Electric Co., 2080 Sutter St.

Structural Steel Contract Awarded.
PENT HOUSE Cont. Price, $18,500
SAN FRANCISCO. No. 133 Geary St.
Class A concrete and steel pent house (3500 sq. ft. of floor space).
Owner — Courvoisier Galleries, 480 Post St., San Francisco.
Architect — Henry T. Howard, 580 Market St., San Francisco.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.
Structural Steel—Schrader Iron Wks. 1247 Harrison St., San Francisco.

Additional Sub-Contracts Awarded.
ADDITION Cost, $——
SAN FRANCISCO. Mission St. near Fifth Street.
Interior remodeling of office building.
Owner—San Francisco Remedial Loan Assn., 932 Mission Street.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.
Structural Steel—Schrader Iron Wks.. 1247 Harrison St.
Reinforcing Steel — Concrete Engineering Co., 1280 Indiana St.
Lathing and Plastering—James Smith. 271 Minna Street.
Sheet Metal—Geo. Wieland, 1133 Howard Street.
Roofing—Malott & Peterson, 20th and Harrison Sts.
Masonry—Wm. Rainey, 323 Clementina Street.
Mill Work — California Mill Co., 340 Townsend Street.
Glass—Central Hardware & Glass Co.
Ornamental Iron — Industrial Ornamental Iron Works, 552 Noe St.
Lockers—Trask & Squires, 39 Natoma Street.
Marble—Roy Cook Marble Co., Emeryville.
Vault Work — Hermann Safe Co., Howard and Main Sts.
As previously reported, plumbing awarded to Higgins & Kraus, 741 Tehama St.; electric to G. H. Armstrong, 1388 Van Ness Ave.; heating to Scott Co., 243 Minna St.

Bids Wanted—To Close July 22, 3 P. M.
TERMINAL BLDG. Cost, $715,800
YERBA BUENA SHOALS, Site of the 1939 World's Fair.
Three-story and basement reinforced concrete airport terminal building with control tower at center above roof and garage extension of basement, wood piling foundation, reinforced concrete walls, floors and roof slabs, etc. (Exposition Contract No. 7).
Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President) Financial Center Bldg., San Francisco.
Architect — W. P. Day, Director of Works, Financial Center Building, San Francisco; George Kelham, chairman of Exposition Architectural Commission; Arthur Brown, Jr., Timothy Pflueger, Ernest Weihe, W. G. Merchant and Lewis Hobart, members of Architectural Commission.
Plans and specifications may be obtained at Room 605, S. F. Water Department Bldg., 425 Mason St., upon deposit of $30.00. Work must be completed by Dec. 15. A charge of $100 per day will be made for each day work is not completed after specified time.

17— THEATRES

To Ask Bids July 13
ALTERATIONS Cost, $50,000
SAN FRANCISCO. NW Cole St. and Haight.
Remodel Haight Theatre.
Owner—Golden Gate Theatre Co., 25 Taylor Street.
Associated Architects—Jorgensen and Deichmann, 321 Bush Street.
Structural Engineer—L. H. Nishkian, 525 Market Street.
The contract previously awarded to Alfred J. Hopper, Piedmont, has been rescinded.

Plans Being Prepared
THEATRE Cost, $——
EUREKA, Humboldt Co., Calif.
New theatre building.

Owner—Redwood Theatres, Inc. (G. M. Mann, President) 25 Taylor St. San Francisco
Architect—S. Chas. Lee, 25 Taylor St. San Francisco, and 1648 Wilshire Blvd., Los Angeles.

19—MISC. CONSTRUCTION

CONTRACT AWARDED

FORT MASON, Cal.—Emil Hogberg 666 Mission St., San Francisco at $17,785 awarded contract by Constructing Quartermaster, Fort Mason, for constructing ten-ton forced draft type incinerator building and can washing equipment at the Presidio, San Francisco.

LOW BIDDER

INDEPENDENCE, Inyo County.—Lynch Construction Co., 930 E. Gage Ave., Los Angeles, submitted low bid to D. P. Nicklin, purchasing agent Los Angeles Water and Power Bureau, at $86,932, for a one-story machine shop, warehouse and garage building at Independence, California, under Specifications No. X-31, PWA Docket 1929-R. Unit No. 15. Building will be of reinforced concrete construction, 175x130 feet, composition covered roofing, reinforced concrete slab roof construction, steel sash, metal-clad doors, hollow tile partitions, toilets, metal toilet partitions, electric water heater, Venetian blinds, metal lath, fire protection equipment, etc.

BIDS OPENED

BOULDER CITY, Nevada.—Pole & Tubewood, Inc., Newark, N. J., at $1,750 submitted low bid to the Bureau of Reclamation, Washington, D. C., June 29, under Spec. No. 805-D, for furnishing and delivering a 125-foot continuous tapered, steel flagpole, complete with accessories, for Boulder Dam.

John E. Lingo, Camden, N. J., at $2,225 submitted the only other bid.

Contract Awarded.

ABBATOIR Cost, $20,000
SOUTH SAN FRANCISCO, San Mateo Co. Cal. Evans and Mandell Streets.
Class B abbatoir (11x61 ft.) reinforced concrete and structural steel construction.
Owner—South San Francisco Packing & Provision Company.
Engineer—James Smith, 251 Kearny St., San Francisco..
Contractor — James L. McLaughlin, 251 Kearny St., San Francisco.

July 9, 1936

PLANS BEING PREPARED

WESTWOOD, Los Angeles Co., Cal.—A. C. Pillsbury, Pacific Coast regional director of the American Automobile Assn., and consulting engineer, 1049 Selby Ave., Westwood, is preparing plans for an automobile racing plant to be built on a 400-acre site adjoining the north side of the Los Angeles Municipal Airport for Los Angeles Raceway; Zack Farmer, managing director, 621 S. Spring St. The site is bounded by Century, Sepulveda and La Tijera boulevards and Arbor Vitae St. The plant will have a two-mile, concrete paved track, oval in shape, averaging from 70 to 90 feet in width. In the center of the track will be constructed an airplane runway 4800 feet long and 700 feet wide. A grandstand providing 50,000 seats will be built, while a mile-long concourse will accommodate an additional 75,000 persons. Parking will be provided for 40,000 automobiles. Other improvements will include garages, shops, electric timing devices and loud speaking equipment. Cost of the project is estimated at $1,400,000.

20—MISC. SUPPLIES AND MATERIALS

BIDS REJECTED

ALCATRAZ, Cal.—All bids received by the Bureau of Prisons, J. A. Johnson, Warden, Alcatraz Penitentiary, under Bid No. 726, for constructing distant water tank reading guages, have been rejected. • 20

CONTRACT AWARDED

LOS ANGELES—J. H. Baxter & Co. at $4650 awarded contract by U. S. Engineer Office, Los Angeles, for furnishing 7500 l. f. treated round wood piles; Circ. Prop. No. 778.

Other bids:

American Lumber & Treating Co., $4,875;

James L. Hall, San Francisco, $3,562.50 f. o. b. The Dalles, Oregon.

CONTRACTS AWARDED

OAKLAND, Cal.—Contracts for furnishing 78,000 ft. of cast iron water pipe under Spec. No. L.S. 179 have been awarded by the East Bay Municipal Utility District as follows:

U. S. Pipe & Foundry Co.: 25,000 lin. ft. 4-in. diam., $10,750; 15,000 lin. ft. 8-in. diam., $15,750; 7000 lin. ft. 10-in. diam., $9940; 1500 lin. ft. 16-in. diam., $4050.
American Cast Iron Pipe Co., 30,000 lin. ft. 6-in. diam., $18,900.

Complete bids published June 26.

BIDS OPENED

OAKLAND, Cal.—Stauffer Chemical Co., 636 California St., San Francisco, at $2833, including tax, submitted low bid to the East Bay Municapal Utility District Oakland, under Proposal No. 768, for furnishing 100 tons aluminum sulphate.

General Chemical Co., at $2884, including tax, submitted the only other bid.

CONTRACTS AWARDED

OAKLAND, Cal.—Contracts for furnishing 3950 concrete meter boxes and 2750 extra concrete covers, under Spec. No. L. S. 178, have been awarded by the East Bay Municipal Utility District, as follows:

Forni Mfg. Co., 1379 62nd St., Items 1, 3, 4, and 5 ,$4,797.50.
Art Concrete Works, 24th and Adeline Sts.: Item 2, $1,000.
(1) 3,500 Type 1 boxes with covers;
(2) 2,000 extra covers, rectangular;
(3) 750 extra covers, oval;
(4) 300 type 5 boxes, with covers;
(5) 150 type 6 boxes, with covers.

BIDS OPENED

LOS ANGELES, Calif. — Bethlehem Steel Co., Slauson Ave. and Downey Road, submitted low bid to the U. S. Engineer Office at 4.2 c. per lb. (total, $9550.80) for furnishing 227,400 pounds fabricated steel incidental to the wood and steel framework for the Del Amo St. bridge. Circ. Prop. No. 767.

The other bids were:

Minneapolis - Moline Power Implement Co., $4.84 cwt.; total, $11,006.16.

Consolidated Steel Corp., 4.95c. lb.; total, $11,256.30.

Apex Steel Corp., 5.1c lb.; total, $11,597.40.

BIDS OPENED

SAN FRANCISCO—Moore Dry Dock Co., foot of Adeline St., Oakland, at $37,900 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1577, for furnishing structural steel, castings and accessories for ferry slips on the Yerba Buena Shoals.

Minneapolis - Moline Power & Implement Co., at $44,950 submitted the only other bid. • 20

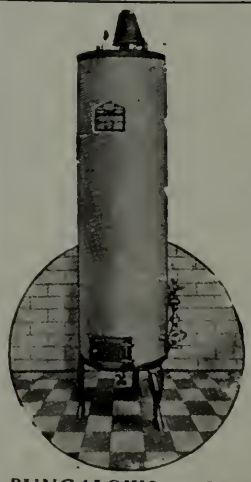
CONTRACTS AWARDED

ALL-AMERICAN CANAL, Arizona—Contracts for furnishing fabricated metal work foor All-American Canal were awarded by the Bureau of Reclamation under Pro. No. A-42001-A as follows: Virginia Bridge Co., Memphis, schedule No. 2 at $17,657.63; John W. Beam, Denver, Colo., schedule No. 3 at $2615.

BIDS OPENED

BERKELEY, Alameda Co., Cal.—W. H. Larson, 6015 Chabolyn Ter., Oakland, at (1) $3.61 per ton spread on any city street from bidder's truck, and at (2) $3.44 per ton delivered on city truck at bidder's plant submitted low bids to the Berkeley City Council for furnishing bituminous treated gravel.

Ransome Co., Emeryville, at (1) $3.80 per ton and at (2) $3.50 per ton, submitted the only other bid. •



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Snap action thermostat brings full flame on at once when water drops below set temperature. Snaps burner off again when boiler is full of hot water. The heating chamber entirely surrounds the boiler so that every possible heat unit created by the flame is transmitted to the water. The highest quality insulating material known today keeps the heat in and the cold out.

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MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CANAL ZONE

PANAMA CANAL ZONE.—Until July 21, 10.30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3162, for furnishing miscellaneous supplies and equipment, including:

Heavy-duty engine lathe, fencing material, concrete reinforcement bars, water pipe and fittings, safes, costumer stands, wheel-alignment testers, commuator grinding and turning tools steel acetylene cylinders, screw jacks, scythe blades, carpenter's braces, cold chisels, liquid door closers, door locks casement fasteners, butt hinges, pressure and vacuum gauges, grease cups adjustable dies, twist drills, stone drills, assorted files, relief valves, track spikes, brass screws, glass, fire hose, street sweeping brooms, counter brushes, pressed-on-type tires, canvas harness leather, leather belting, rawhide lace leather, chamois skins, pressboard, and Southern Yellow pine and Douglas fir lumber and timbers.

Specifications obtainable from above office and from the office of the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

CANAL ZONE.—Until July 15, 10:30 A. M., bids will be received by General Purchasing Officer, The Panama Canal, Washington, D. C., for furnishing miscellaneous items under Schedule No. 3160 as follows:

Sectional steel shelving, bench grinder, saftey treads, reamers, hand taps, eye bolts, wire-rope clips, chain shackles, turnbuckles, grommets, vises pipe wrenches, shovels, scoops, spades sledge hammers, tinners' snips, ship scrapers, oars, insulated cable, insulated wire, magnet wire, stove wire, electric light globes, receptacles, insulating tape, sockets, safety cut-outs, respirators, marine clocks, tableware, aluminumware, canvas, cotton sheeting, cheesecloth, cotton bunting, cotton glass towels, hand towels, Turkish towels, folding rules, paper clips, paper napkins, paper cups, adding-machine paper, and redwood lumber.

Specifications and proposal forms may be obtained from above and from the Assistant General Purchasing Officer, Fort Mason, San Francisco.

RECLAMATION BUREAU

BOULDER CITY, Nevada — Until July 22, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Sepc. No. 813-D, for furnishing and delivering f.o.b. cars at shipping point and/or Boulder City, automatic and laboratory-type oscillographs; a laboratory standard wattmeters; portable voltmeter, ammeter, wattmeters, and current transformers portable standard watt-hour meters; phase shifters and phantom loads; laboratory and special potentio-meters with accessories; slide-wire-type rheostates; resister boxes; crest ammeter and accessories; sine-wave motor-generator sets; laboratory-type switchboards; and electric clooks and time stamps for installation in the Boulder power plant, Boulder Canyon project. The apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 75c, not returnable.

WAR DEPARTMENT

SAN FRANCISCO, Calif.—Until July 13, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-2, for furnishing 1400 bbls. Portland cement in paper bags.

Delivery f.o.b. Government Wharf at the South Spit, Humboldt Bay.

Specifications obtainable from the above office

SAN FRANCISCO, Cal.—Until July 13, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-1, for furnishing 20,000 lbs. anhydrous calcium chloride.

Delivery f.o.b. wharf, Eureka.

Specifications obtainable from the above office

FORT MASON, Calif.—Until July 13, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-3, for furnishing 400 bbls. diesel engine fuel oil and 120 bbls. Bunker B No. 5 fuel oil.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until July 14, 3 p.m., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, Listrict Engineer, under Bid No. 37-1, for furnishing 1,000 ft. ⅝-in. diam. standard hoisting rope of high grade uncoated plow steel, 6 strands of 19 wires to the strand, fiber core; 3,000 ft. ⅞-in. diam., do.: and 1,800 ft. aircraft cord, 1 strand of 19 wires, 3/32-in. diam.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

SAN FRANCISCO—Until July 16, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-4, for furnishing one Navy or steam type steel anchor, drop forged shank, with cast steel head, 5000 lbs. black.

Delivery f.o.b. Pier 3½, San Francisco Waterfront.

Specifications obtainable from the above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

Heaters, line type ventilation, and spares; Mare Island and Puget Sound. Sch. 8273; July 10.

Linoleum, battleship; Mare Island and Puget Sound. Sch. 8302; July 14.

Bearings, ball; Mare Island Sch. 8287; July 14.

Buckets, galvanized steel; 10,000, San Diego; 6,000, Mare Island; 3,000, Puget Sound. Sch. 8290; July 14.

Steel, 70,600 lbs. plate; Mare Island. Sch. 8314; July 17.

Charging outfit, battery; Hawthorne, Nev.; July 17.

Strapping, 16,000 lbs. steel packing case; Mare Island. Sch. 8316; July 17.

Tachometers, 23 chronometric and 12 centrifugal; Mare Island. Sch. 8317; July 17.

Clips, wire-rope; Mare Island and Puget Sound. Sch. 8299; July 17.

Scales, 3 weighing platform, 1,200-lb. capacity; Mare Island. Sch. 8296; July 17.

Netting, 15,300 sq. ft. galvanized wire; Mare Island. Sch. 8331; July 17.

Cylinders, 100 acetylene gas., 225 cu. ft. capacity; Mare Island. Sch. 8338; July 17.

Peeling machines, 6, electrically operated, vegetable, and spares; Mare Island. Sch. 8344; July 21.

Refrigerators, 12 electric, Size 2; and spares; Mare Island. Sch 8343; July 21.

Shaper, motor-driven, horizontal; Mare Island. Sch. 8354; July 21.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

SAN FRANCISCO CITY

SAN FRANCISCO—Until July 24, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1607, for furnishing 24 adjustable hydraulic reducing valves for the auxiliary water supply system.

Specifications obtainable from the above office.

SAN FRANCISCO—Until July 20, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1612, for furnishing fir, redwood and spruce lumber for various City Departments and Institutions for the term August 1, 1936, to January 31, 1937.

Specifications obtainable from the above office.

OAKLAND CITY

OAKLAND, Calif.—Until July 21, 4 p.m., bids will be received by the Oakland Board of Education, John W. Edgemond, Secretary, Room 104, Administration Bldg., Oakland, under Schedule No. 18, for furnishing sheet metal working machinery and tools, iron working machinery, woodworking machinery, and electric motors.

Specifications obtainable from the above office.

CALIFORNIA STATE

EUREKA, Humboldt Co., Cal.—Until July 13, 11 A. M., bids will be received by the Division of Highways, J. W. Vickrey, District Engineer, 546 W. Wabash Ave., Eureka, for rental of three 3-yard dump trucks for approximately 500 hours each, to be used under power shovels for hauling gravel, slide material, etc., in District I.

Specifications obtainable from above office.

KERN COUNTY

KERN COUNTY, Cal.—Until July 14, 7 P. M., bids will be received by Beardsley School District, Wm. Heyart, Clerk, for furnishing one 70-passenger school bus.

Specificatons on file with above.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Dispesal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS RECEIVED

LOS ANGELES, Calif.—Bethlehem Steel Co., 11,100 S. Central Ave., submitted the low bid to the U. S. Engr., 751 S. Figueroa St., June 30, at $57,723.10 for furnishing 1,251,000 lbs. fabricated steel and other metal work incidental to the steel framework in the super-structures of three highway bridges; each item shop painted and delivered at the bridge site ready for erection. The items are:

(1) 424,000 lbs. steel for Adams Blvd. bridge at crossing of Adams Blvd. over Ballona Creek, about 200 ft. north of intersection of Adams Blvd. and Washington Blvd., Los Angeles;
(2) 393,000 lbs. for Concord St. bridge at crossing of Concord St. over Verdugo Wash at intersection of Concord and Patterson Ave., Glendale;
(3) 434,000 lbs. for Washington Blvd. bridge crossing of Washington Blvd. over Ballona Creek, about 300 ft. west of intersection of Washington Blvd. and Adams Blvd., Culver City.

The complete bids were:

Bethlehem Steel Co.—(1) $.0463; (2) $.0469; (3) $.0453; total $57,723.10.

Minneapolis - Moline Power Implement Co.—(1) $4.35 cwt.; (2) $5.10 cwt.; (3) $4.80 cwt.; total, $61,439.

Consolidated Steel Corp.—(1) $.0491; (2) $.0506; (3) $.0491; total, $62,013.60.

Ingalls Iron Works, San Francisco—(1) $.0505; (2) $.049; (3) $0515; total, $63,020.

BIDS OPENED

LOS ANGELES, Calif.—Consolidated Steel Corp., 6500 E. Slauson Ave., submitted the low bid to the U. S. Engineer, 751 S. Figueroa St., June 30, at $43,042.75, for furnishing two fabricated steel velrendeel girders weighing about 97,640 lbs. each, and approximately 308,650 lbs. of fabricated steel and other metal work incidental to the steel framework in the super-sructure of the Kenilworth Ave. bridge; each item shop painted and delivered at the bridge site ready for erection. The items are:

(1) 308,650 lbs. all metal work except girder;
(2) Two each fabricated girders (97,400 lbs. each).

Kenilworth Ave. Bridge is located at the crossing of Kenilworth Ave., over Verdugo Wash at the intersection of Kenilworth Ave. and Arden Ave., Glendale.

Circ. Prop. No. 755.

The complete bids were:

Consolidated Steel Corp.—(1) $.075; (2) $9,947; total, $43,042.75.

Bethlehem Steel Co.—(1) $.0775; (2) $12,020; total, $47,960.38.

Minneapolis - Moline Power Implement Co.—(1) $8.25; (2) $11,500; total, $48,463.65.

All terms net.

COMPLETE BIDS

HUMBOLDT CO., Calif. — Mercer-Fraser Co., Second and Commercial Sts., Eureka, at $4,798 (as previously reported), submitted low bid to the State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for repairs to the existing bridge across the south fork of Trinity River, about one mile west of Salyer in Humboldt County.

Complete bids follow:

(A) Mercer-Fraser Co., Eureka, $4798;
(B) E. S. Mackins and Henry Padgett, Eureka, $5,920.

Unit prices follow:

	(A)	(B)
(1) 200 c.y. structure excavation	$4	$2.98
(2) 4 c.y. portland cement concrete	112.	51.
(3) 18,000 lbs. structural steel	.10	.125
(4) 3 M ft. B.M. Redwood timber	140.	114.
(5) 7 M ft. B.M. Douglas fir	20.	105.
(6) 300 l.f. wire rope	.40	.63
(7) Jacking operations	1070.	1604.

CONTRACTS AWARDED

STATE OF WASHINGTON — Bids for bridge and highway construction were received by Lacey V. Murrow, State Director of Highways, June 30 as follows:

Chelan County—Constructing cement concrete sidewalks and timber sidewalk bridge on about 0.8 miles of State Road No. 2, Wenatchee West—Sidewalk, involving about 570 cubic yards of excavation, 2,840 square yards of cement concrete sidewalk, 0.8 M.B.M. of treated and untreated timber and lumber, 360 linear feet of concrete irrigation pipe and other items.

Bids Rejected. Low bidder Toney Romano, 1833 Dearborn St., Seattle, $7171.

Mason and Kitsap Counties—Constructing a bituminous macadam surface on about 8.6 miles of State Road No. 14, Tidewater Creek to Union River, involving 2,080 cubic yards of shoulder material, 690 tons of bituminous cement and other items.

Awarded Warren Northwest, Inc., P. O. Box 5072, Portland, $32,808.

Clallam County—Grading and surfacing on about 0.3 miles and constructing a treated pile and timber bridge 59 feet long and a reinforced concrete T beam bridge 91 feet long on county road, Clallam Bay and Pysht River Bridges, involving about 3,680 cubic yards of excavation, 2,029 cubic yards of selected roadway borrow, 24 M.B.M. of treated and 2 M.B.M. of untreated timber and lumber, 181 cubic yards of concrete, 40 linear feet of pipe culverts and other items.

Bids Rejected. Low bidder Olympia Pile Driving Co., Port Townsend, $14,234.

King County—Paving with Portland cement concrete and constructing a reinforced concrete arch bridge on city street, 15th Ave. N.E. in Seattle—Cowen Park Bridge, involving about 7,480 cubic yards of excavation, 3,386 cubic yards of concrete, 3,129 square yards of cement concrete pavement, 1,784 pounds of structural steel, 490,000 pounds of reinforcing steel, 3,600 linear feet of steel piling, 226 linear feet of pipe culverts and other items.

Awarded A. W. Quist, Exchange Bldg., Stattle, $132,840.

Spokane County—Widening on city street, City of Spokane, widening Post Street Bridge over Spokane River, involving about 470 cubic yards of excavation, 1,070 cubic yards of concrete, 291 tons of asphaltic concrete Type I-1, 107,000 pounds of steel reinforcing bars and other items.

Awarded Triangle Constr. Co., 1220 Ide St., Spokane, $45,821

Franklin County—Paving with Portland cement concrete and constructing a reinforced concrete and steel undercrossing of the Northern Pacific Railway Co. tracks on State Road No. 3, City of Pasco, Undercrossing of N. P. Ry. Co.'s Tracks, involving about 34,780 cubic yards of excavation, 7,890 yards of cement concrete pavement, 4,657 cubic yards of concrete, 456,700 pounds of reinforcing steel, 560,000 pounds of structural steel, 1,826 linear feet of cast iron water pipe, 2,165 linear feet of pipe culverts and other items.

Awarded MacRae Bros., 614 Fifth St., Seattle, $229,086.

Lewis County—Constructing a reinforced concrete and steel overcrossing and treated pile and timber trestle and approaches, City Street, City of Centralia, Railroad Overcrossing on Sixth Street, involving about 3,710 cubic yards of excavation, 1,060 cubic yards of ballast, 1,740 cubic yards of crushed stone surfacing, 2,652 cubic yards of concrete, 2 M.B.M. of timber and lumber untreated, 192 M.B.M. of creosoted and 13 M.B.M. of zinc chloride treated timber and lumber, 169,300 pounds of reinforcing steel, 225,000 pounds of structural steel, 7,400 linear feet of treated piling, 22 tons bituminous cement, 468 linear feet of pipe culverts and other items.

Awarded H. S. Steffensen, 6714 1st St., N.W., Seattle, $106,849.

BIDS OPENED

SANTA CLARA COUNTY, Calif.—Bert Ward & Son, 1139 Lincoln Ave., San Jose, at $6,752 submitted low bid to the Sana Clara County Board of Supervisors, San Jose, for salvaging an existing truss bridge at Alviso and re-erecting it in back of the Calaveras Reservoir on Arroyo Hondo Road. The bridge is 700 ft. long with a 20-foot roadway.

Complete bids follow:

Bert Ward & Son, San Jose	$6,752
A. J. Raisch, San Jose	7,950
Earl W. Hepie, San Jose	8,216
Underground Const. Co., Berkeley	8,693

Bids held under advisement

BIDS WANTED

COCHISE COUNTY, Ariz.—Until July 21, 2 P. M., bids will be received by Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, for constructing a concrete and steel overpass at Fairbanks on the Tombstone - Nogales

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Highway. The work consists of constructing a steel and concrete overpass and approaches and a large channel change.

The principal items and approximate quantities are:

700 cu. yds. roadway excavation;
85,500 cu. yds. roadway excavation;
140 cu. yds. structural excavation;
194 cu. yds. Class A concrete;
25,600 lbs. reinf. steel;
24,200 lbs. structural steel;
1,600 lin. ft. steel H-column piles;
32 each driving steel H-Column piles;
588 lin. ft. corr. metal pipe (3 sizes)
9 corr. metal catchbasins;
2,700 lin. ft. road guard;
700 hours rolling;
1,700 M. gal. sprinkling;
48 each steel jetties.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

EL DORADO COUNTY, Cal.—H. Sneed, Hotel Carlton, Telegraph and Durant Avenues, Berkeley, at $1584.70 awarded contract by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for culvert repairs to Oglesby Canyon culvert, Section A (portion) of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado National Forest, Eldorado County.

CONTRACT AWARDED

NAPA COUNTY, Cal.—Harry Thorsen, 1519 Kearny St., St. Helena, at $1,659 submitted low bid and awarded contract by the Napa County Board of Supervisors for constructing a concrete box culvert on Howell Mountain Road near White Cottages and a concrete extension to stone arch culvert on Chiles Valley Road near the Hussey Ranch.

The work involves:

(1) 60 c.y. structure excavation;
(2) 69 c.y. concrete;
(3) 5050 lbs. reinforcing steel;
(4) 170 c.y. backfill.

Total bids follow:

(A) Harry Thorsen, St. Helena, $1,659.00.
(B) C. H. Gildersleeve, Napa, $2,101.75.
(C) C. G. Langum, Napa, $3,295,80.

Unit bids follow:

	(A)	(B)	(C)
(1).....	$ 1.50	$ 2.15	$10.33
(2).....	16.00	20.50	28.00
(3).....	.05	.055	.08
(4).....	1.25	1.65	2.00

E. P. Ball, county engineer.

BIDS WANTED

KERN COUNTY, Calif.—Until July 29, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of two timber bridges with concrete decks, and about 0.3 mile grading and applying road-mix surface treatment, in Kern County at Kern River overflow channel and Calloway Canal.

The work involves:

(1) 250 M. gals. water;
(2) 15 c.y. rdwy. excav., unclass.;
(3) 120 c.y. struc. excav.;
(4) 4,400 c.y. imported borrow;
(5) 15 sta. finishing rdwy.;
(6) 7 tons liquid asph. SC-2 (prime coat);
(7) 65 tons liquid asphalt SC-3;
(8) 6,500 sq. yds. preparing, mixing and shaping roadbed;
(9) 21,000 lbs. bar reinf. steel;
(10) 160 c.y. Class A Portland cement concrete;
(11) 36 MFBM redwood timber, dense, select, all-heart struc. grade;
(12) 14 MFBM redwood timber, select, all-heart, struc. grade;
(13) 2,610 l.f. furnishing treated Douglas fir piles, inc. test piles;
(14) 74 each driving piles, inc. test piles;
(15) 20 l.f. 8-in. CMP;
(16) 12 l.f. 42-in. CMP;
(17) 4 each spillway assemblies;
(18) 300 l.f. laminated guard railing;
(19) 75 each guide posts;
(20) 1 lot existing trestles removed & disposed of;
(21) 8 each monuments complete in place.

NOTE: The State will furnish corrugated metal pipe and spillway assemblies as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles and Fresno.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until July 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of two timber trestles, constructing and surfacing approaches with salvaged surfacing material and applying Class "B" seal coat, on about 0.4 mile in San Bernardino County between Amboy and 17 miles easterly.

The work involves:

(1) 850 M. gals. water;
(2) 12,700 c.y. rdwy. excav., unclass.;
(3) 330 c.y. struc. excav.;
(4) 22.5 sta. finishing rdwy.;
(5) 660 c.y. salvaged surf.;
(6) 58 tons liquid asphalt SC-2 (road-mix surf. treatment);
(7) 4,800 sq. yds. preparing, mixing and shaping detours;
(8) 4,200 sq. yds. preparing, mixing and shaping roadbed;
(9) 5 tons liquid asphalt 90-95 (seal coat);
(10) 53 tons screenings (seal coat);
(11) 33 MFBM redwood timber, dense select, all-heart struc. grade;
(12) 29 MFBM redwood timber, select, all-heart struc. grade;
(13) 1,532 l.f. furnishing treated Douglas fir piles;
(14) 90 each driving piles;
(15) 42 l.f. 24-in. CMP;
(16) 14 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BOND ELECTION

RENO, Nevada—A proposal to issue $140,000 in bonds to finance construction of a bridge across Truckee River, from Granite St. to Sierra St., will be placed on the ballot August 18.

Work will include the extension of Granite St. from Court St. to the south bank of the Truckee River by the construction of sidewalks, curbs and gutters, and paving; the extension of Sierra St. from West First St. to the north bank of the Truckee River by the construction of sidewalks, curbs and gutters, and paving; and construction of a bridge across Truckee River from Granite St., as extended, to Sierra St., as extended.

BIDS WANTED

INYO COUNTY, Cal.—Until July 21, 3 P. M., bids will be received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for reconstructing four bridges and one culvert in Inyo County near Bishop.

Plans and specifications obtainable from the above office.

BIDS WANTED

STATE OF WASHINGTON—Until July 21, 10 a.m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for bridge construction, as follows:

Whatcom County—Constructing a reinforced concrete bridge over Squalicum Creek and the tracks of the C.M.St.P.&P. R.R.R.Co. and paving with Portland cement concrete the approaches adjacent thereto, on City Street, City of Bellingham, Eldridge Avenue Overcrossing, involving about 1,550 cubic yards of excavation, 735 square yards of cement concrete pavement and sidewalks, 1,477 cubic yards of concrete, 272,000 pounds of steel reinforcing bars, 2,000 pounds of structural steel, 1,115 linear feet of precast concrete piling, 3,000 linear feet of timber piling (untreated) 220 linear feet of 6-in. drain and sewer pipe, and other items.

Pierce County—Constructing a 32-foot steel truss bridge with reinforced concrete approach spans on about 0.1 miles of State Road No. 1, Olympia to Nisqually, Nisqually River Bridge, involving about 5580 cubic yards of excavation, 2,372 cubic yards of concrete, 660,000 pounds of silicon and 378,000 pounds of carbon structural steel, 248,500 pounds of steel reinforcing bars, 20,400 linear feet of piling untreated, 1,960 linear feet of piling treated, 33 M.B.M. treated timber and lumber and other items.

Plans and specifications obtainable from the above office upon deposit of $2.

BOND ELECTION

RENO, Nevada—A proposal to issue $65,500 in bonds to supplement a State Highway Department allocation of $48,000 for construction of a bridge across Truckee River from Sinclair St. to Lake St., will be placed before voters at the August 18 election. Total cost of the work is estimated at $113,500.

Work will include the extension of Sinclair St. from Mill St. to the south bank of the Truckee River by the construction of sidewalks, curbs and gutters, and paving; the extension of Lake St. from East First St. to the north bank or the Truckee River by the construction of sidewalks, curbs and gutters, and paving and construction of a bridge across the Truckee River from Sinclair St., as extended, to Lake St., as extended.

BIDS WANTED

INYO COUNTY, Cal.—Until July 21, 3 P. M., as previously reported, bids will be received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for the reconstruction of four bridges and one culvert near Bishop in Inyo County.

The work involves:

(1) 150 c.y. structure excavation;
(2) 15,000 lbs. bar reinf. steel, in place
(3) 135 c.y. Class A Portland cement concrete, in place;
(4) 11.5 MFBM Douglas fir timber in place;
(5) 8 MFBM Redwood timber, dense, select, all-heart struc. grade;
(6) 1 lot bridge superstructures to be removed and disposed of;
(7) 10 c.y. concrete to be removed and disposed of;
(8) 10 each, clearance markers, in place.

Plans and specifications obtainable from the above office and on file at office of DAILY PACIFIC BUILDER.

BIDS WANTED

SACRAMENTO ,Cal.—Until July 21, 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. H05-37-6, for furnishing and installing a deep well turbine pump, electric motor direct connected to the pump, a pressure tank, and all accessory equipment at the U. S. Engineer depot, near the Sacramento Weir Sacramento, to provide a complete pumping unit for supplying water at the rate of no less than 50 gals. per minute for the well at the depot, thru

a pressure tank in the near vicinity of the well against a pressure of 40 lbs. per sq. in. at the tank discharge outlet.

Bids will be taken as follows:

(1) Lump sum, furnishing and installing pumping plant as specified, except for column and shafting;

(2) Five 10-ft. lengths furnishing and installing column and shafting.

Specifications obtainable from above office. *

22—DREDGING, HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

ALCATRAZ ISLAND, Cal.—Healy-Tibbitts Const. Co., 64 Pine St., San Francisco, at $2,170 submitted low bid and awarded contract by the Bureau of Prisons, J. A. Johnson, Warden, Alcatraz Penitentiary, for furnishing and placing 300 pieces of stone or concrete riprap and 300 tons of small stone along the shore line of Alcatraz Island, under Spec. No. 36, Bid No. 736.

Daniel Contracting Co. at approximately $2400 submitted the only other bid. *

PLANS BEING PREPARED

SUTTER & COLUSA COUNTIES, Cal.—Plans are being prepared by Frank S. Robinson, Chico, civil engineer, for the enlargement of the channel of Butte Creek in Sutter and Colusa Counties, about 5 miles southwest of Colusa.

The work involves approximately 18 acres of clearing and 50,000 yds. of excavation.

Work is being done by the Butte Slough Irrigation Co., Ltd., S. Atwood McKeehan, Secretary, Meridian, and bids will be asked about July 18.

BIDS WANTED

SACRAMENTO, Cal.—Until July 15, 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-10, for dredging approximately 600,000 cu. yds. of material from the Sacramento River, between M Street Bridge aid the vicinity of Y Street Bend, a distance of approximately 1.1 miles.

Specifications obtainable from the above office. *

CONTRACT AWARDED

SEATTLE, Wash. — General Construction Co., 3840 Iowa St., Seattle, at $187,440 awarded contract by the U. S. Engineer Office, Lieut. Col., H. J. Wild, District Engineer, 412 Federal Office Bldg., Seattle, for dredging a channel 100 ft. wide and 12 ft. deep in Swinomish Slough.

The low bid of John W. Rumsey, Seattle, at $184,387 was rejected due to errors.

BIDS WANTED

SAN JOAQUIN COUNTY, Cal.—Until July 13, 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-8, for dredging approximately $450,000 cu. yds. of material from the San Joaquin River 30-ft. Channel, near Stockton, from a point about 0.5 mile downstream from the Turning Basin to a point about 0.8 mile downstream from Burns Cutoff, a distance of approximately 3.3 miles.

Specifications obtainable from the above office. *

BIDS OPENED

CONTRA COSTA COUNTY, Calif.—San Francisco Bridge Co., 503 Market St., at $0.11 per c.y., total, $26,593.60, submitted low bid to the U. S. Engineer Office, Col. J. A. Dorst, District Engineer, Custom House, for dredging 241,760 c.y. of material in Richmond Harbor.

The work is located at the upper end of Richmond Inner Harbor, opposite Terminal No. 2 and in the Santa Fe channel adjacent thereto. The dredging in the inner harbor channel is for a length of from 930 to 1,190 feet, 850 feet wide on the bottom to a depth of 31 feet at mean lower low water. Redredging in Santa Fe channel is for a length of about 2,500 ft., extending northwesterly from downstream end, 200 feet wide on the bottom to a depth of 31 feet.

Complete bids follow:

San Francisco Bridge Co., S. F.: $0.11 per c.y.; total, $26,593.60.

Franks Contracting Co., San Francisco: $0.1925 per c.y.; total, $46,538.80.

Engineer's estimate: $0.119 per c.y.; total, $30,047. *

BIDS WANTED

SACRAMENTO, Cal.—Until July 17, 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-7, for furnishing and operating clamshell dredging plant at hourly rates for use in Suisun Bay and the San Joaquin and Sacramento Rivers and tributary channels.

Bids will be taken as follows:

(1) Rate per hour for working time, estimated at 1,200 hours;

(2) Rate per hour for idle time, estimated at 140 hours; (a) idle while on the work; (b) idle while being towed to or from various locations

(3) Mobilization and demobilization of dredge for each separate job, estimated at 4.

Specifications obtainable from above office and on file at the office of the DAILY PACIFIC BUILDER.

24— STREET LIGHTING SYSTEMS

BIDS WANTED

SAN FRANCISCO.—Until July 16, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Light Dept. Contract No. 14 for the construction of street lighting systems in Harrison, Essex, First and Fremont Streets.

Bids will be taken as follows:

(1) Lump sum construction of complete lighing system on Harrison Street between Fifth and the Embarcadero, including special standard at top of stair on Sterling St.;

(2) Lump sum do on Essex Street, including a special standard at top of stairs at Lansing St.;

(3) Unit price per ft. for iron conduit on First and Fremont Streets between Harrison and Howard Sts.

The work involves:

(A) Harrison Street:
- (1) 53 electroliers, complete;
- (2) 1 special electrolier, complete;
- (3) 9,200 l.f. 1½-in. conduit;
- (4) 13,800 ft. primary cable;
- (5) 2 pull boxes;
- (6) 32 extra conduit stubs in foundation.

(B) Essex Street:
- (1) 2 electroliers, complete;
- (2) 1 special electrolier;
- (3) 3 wall brackets complete;
- (4) 800 ft. 1½-in. conduit;
- (5) 1,200 ft. primary cable;
- (6) 85 ft. secondary wire, duplex R & LC;
- (7) 1,300 ft. secondary wire, SC, R & DB;
- (8) 1 series transformer;
- (9) 1 manhole;
- (10) 1 extra conduit stub in foundation.

(C) First and Fremont Streets:
- (1) 4,600 ft. 1½-in. conduit.

Plans and specifications obtainable at Room 605, S. F. Water Dept. Bldg., 425 Mason St., upon deposit of $10.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

ALCATRAZ, Cal.—Walter S. Leland, 490 Bay St., at $2937 awarded contract by the Bureau of Prisons, J. A. Johnson, Warden, Alcatraz Penitentiary, under Bid No. 725, for furnishing and installing a new feed water heater in the power plant.

BIDS REJECTED

EUREKA, Humboldt Co., Cal.—The State Division of Highways, J. W. Vickrey, District Engineer, Eureka, rejected all bids received July 1 for rental of one 2500-gal. pressure oil distributor.

Following bids were received:

C. F. Frederickson and Sons, Lower Lake, $8.50 per hour.

A. E. Garcia, Jr., Irvingon, $10.00 per hour.

New bids are being received July 8.

BIDS OPENED

SHASTA COUNTY, Cal.—Following bids received by Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for the rental of five dump trucks, 2-yd. or over, to be used in maintenance work on Mt. Lassen-Mt. Shasta Forest Highway, about 17.5 miles east of McCloud:

Alexander Bros., Oakland, (5) $1.68 per hour.

A. J. McCosker, Oakland, (5) $2.00.

S. R. Eastwood, Redding, (3) $2.00.

Roy A. Glenn, 4 2-yd.) $2.00; one 2½-yd.) $2.25.

Albert Pollock, San Francisco, (2) $2.12.

H. L. Green, Oakland, (2) $2.60.

W. H. Talbot, Berkeley, (3) $3.00.

BIDS OPENED

SHASTA COUNTY, Cal.—Following bids received by Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for the rental of power shovel to be used in maintenance work on Mt. Lassen - Mt. Shasta Forest Highway, about 17.5 miles east of McCloud:

S. R. Eastwood, Redding, (⅜-yd.) $4.15 per hour.

S. H. Talbot, Berkeley, (⅝-yd.) $8.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing overhead traveling crane for the aqueduct pumping plants, Spec. No. 156, were opened by the Metropolitan Water District, Los Angeles, July 3. The bids were taken as follows:

Item (1) Intake and Gene pumping plants, 2 cranes; rated capacity, 60 tons.

Item (2) Iron Mountain pumping plant, one crane; rated capacity, 40 tons.

Item (3) Eagle and Hayfield pumping plants, two cranes; rated capacity 70 tons.

(4a) Deduction for award of items 1 and 2.

(4b) Deduction for award of items 2 and 3.

(4c) Deduction for award of items 1 and 3

(d) Deduction for award of items 1, 2 and 3.

(5) Services of erecting engineer, per day.

The bids were:

Shaw - Box Crane and Hoist Co., Muskegon, Mich.: Item (1) $42,306, shipping wt., 102,900 lbs each crane; no discount; item (2) $18,603, shipping weight, 76,000 lbs.; item (3) $48,064, shipping weight 128,400 lbs. Add use tax if applicable. Fob Muskegon. No discount item (4a) deduct $621; item (4b) deduct $540; item (4c) deduct $687; item (4d) deduct $1271; item (5) $20 per day

Whiting Corp., Harvey, Ill.: (1) $40,-400 weight, 97,100 lbs.; (2) $19,415, wt. 85,000 lbs.; (3) $45,900, weight 108,300 lbs. No use tax shown. No discount. Fob Harvey, Ill.: (4a) deduct $1200; (4b) deduct $800; (4c) deduct $1535; (4d) $4200; (5) $20 per day.

Euclid Crane & Hoist Co., Euclid, Ohio: (1) $43,200, weight 85,800 lbs.; discount ½ of 1%; (2) $18,791, weight 72,000 lbs., ½ of 1%; (3) $49,000, wt. 115,000 lbs. No discount. Fob Euclid, Ohio: (4) no deductions. Letter attached states that bid on item (3) figured on 30-h.p. motor, if 40-h.p. motor wanted add $150.

Cyclops Iron Works, San Francisco: (1) $32,796, weight 83,000 lbs.; (2) $13-449, weight 65,000 lbs.; (3) $38,683, wt. 116,000 lbs. Discount, ½of 1%; (4) no deductions; (5) $20 per day.

Judson-Pacific Co., San Francisco (Coast Engr. & Equip Co., Los Angeles, representative): (1) $34,975, wt. 88,000 lbs.; (2) $14,850, weight 73,000 lbs.; (3) $41,810, weight 110,000 lbs. No discount. Fob San Francisco; (4) no deductions; (5) $18 per day.

Harnischfeger Sales Corp., 2229 Santa Fe Ave., Los Angeles: (1) $43,800, weight 106,800 lbs.; (2) $21,460, wt. 103,500; (3) $50,700, weight 139,500 lbs. Discount ½ of 1 %. Use tax: (1) $1,-312; (2) $643.80; (3) $1521. Fob Milwaukee: (4a) deduct $660, deduct use tax $19.80; (4b) deduct $760, deduct use tax $22.80; (4c) deduct $1000, deduct use tax $30; (4d) deduct $1200, deduct use tax, $36; (5) $20 per day.

29— STREETS AND HIGHWAYS

BIDS REJECTED

HUMBOLDT COUNTY, Cal.—Board of Supervisors rejected the only bid received, that of Mercer-Fraser Co., Eureka, at $23,156.50, for asphaltic road-mix surfacing on approximately 8.2 miles of roads at various locations in Districts 4 and 5.

Frank E. Kelly, county surveyor.

CONTRACT AWARDED

SANTA BARBARA COUNTY, Cal. —A. S. Vinnell Co., 1100 Westminster Ave., Alhambra, at $8861.60 for applying road-mix surface treatment to existing shoulders on about 7.7 miles in Santa Barbara County, between Zaca and Los Alamos.

BIDS REJECTED

MONO COUNTY, Cal.—State Highway Commission, Sacramento, has rejected the only bid received, that of Basich Bros., 20550 Normandie Ave., Torrance, at $26,309 for 0.8 mile grading in Mono County between 1.3 and 2.2 miles north of the east entrance to Yosemite National Park.

CONTRACT AWARDED

YOLO, YUBA, COLUSA, PLACER, Sutter and Sacramento Counties, Cal. —E. A. Forde, 640 Redhill Ave., San Anselmo, at $17,488.89 awarded contract by the State Highway Commission, Sacramento, for applying seal coat to the existing roadbed on about 37 miles at various locations in Yolo, Yuba, Cofusa, Placer, Sutter and Sacramento Counties.

CONTRACT AWARDED

SAN FRANCISCO. — Lowrie Paving Co., Inc., 1540 16th St., at $68,912.85 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,946, for the widening and reconstruction of Sixth Street between Market and Townsend Streets, a PWA project.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. —Until July 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to shoulders on about 36 miles in San Bernardino County between Victorville and Barstow.

The work involves:

(1) 2,300 tons liquid asphalt, SC-4;
(2) 275,000 sq. yds. preparing, mixing, and shaping shoulders.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. —Until July 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 9.9 miles surfacing with plant-mixed surfacing, slow curing type, and applying seal coat thereto, in San Bernardino County between Cajon Pass Summit and Victorville.

The work involves:

(1) 150,500 sq. yds. asphaltic paint binder;
(2) 7,800 tons mineral agg. (plant-mix surf.);
(3) 400 tons liquid asph. SC-4 (do);
((4) 105 tons asphaltic emulsion (seal coat);
(5) 604 c.y. sand (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

BERKELEY, Alameda Co., Calif.— Until July 14, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Hall, for the widening of College Avenue from Russell Street to Webster Street.

The work involves:

(1) 200 c.y. grading;
(2) 10 c.y. grading below subgrade;
( ) 13,720 l.f. curb and 2½ ft. gutter;
(4) 100 l.f. curb and 2 ft. gutter;
(5) 300 sq. ft. pavement;
(6) 110 tons resurfacing;
(7) 2,175 sq. ft. sidewalks;
(8) 460 sq. ft. driveways;
(0) One catchbasin with connections;
(10) One catchbasin to be reconst.;
(11) 4 curb inlets;
(12) 20 l.f. box culverts;
(13) 20 l.f. 8-in. pipe culvert.

Plans and specifications obtainable from the office of City Engineer Harry Goodridge upon deposit of $10.00

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.— Union Paving Co., 624 Call Bldg., San Francisco, at $20,826.70 submitted low bid and awarded contract by the San Jose City Council, John J. Lynch, City Clerk, for paving on Delmas Avenue between San Carlos and Auzerais Sts.

The work involves:

(1) 2,550 l.f. reconstruction of concrete curbs;
(2) 50 c.y. fill behind curb;
(3) 50,000 s.f. removal of concrete pavement and gutter;
(4) 1,100 tons crusher run base (stabilized);
(5) 39,610 s.f. remove asphalt surf.;
(6a) 400 tons screenings, retread type surface and retread type leveling course;
(6b) 20 tons emulsified asphalt for the above;
(7a) 1100 tons screenings for completing retread surface and leveling course;
(7b) 90 tons emulsified asphalt applied to screenings to complete retread surface;
(8) 5,600 s.y. asphaltic paint binder coat applied;
(9) 40 tons asphaltic concrete pavement, leveling course;
(10) 500 tons asphaltic concrete pavement, surface course;
(11) 9 tons asphaltic concrete, Type "C" driveway ramps;
(12) 58 tons retread type surface for driveway ramps;
(13) 2 concrete inlets;
(14) 45 l.f. 8-in. vitrified pipe storm sewer;
(15) (Alt. to Item 5) 10,000 s.f. asphaltic pavement to be removed by melting existing surface.

Total bids follow:

(A) Union Paving Co., San Francisco $20,826.70.
(B) A. J. Raisch, San Jose, $22,486.25.

Unit bids follow:

	(A)	(B)
(1)	$ .75	$ .80
(2)	2.50	2.30
(3)	.07	.10
(4)	3.00	3.50
(5)	.02	.025
(6a)	3.00	3.00
(6b)	25.00	15.00
(7a)	2.60	3.00
(7b)	25.00	15.00
(8)	.02	.03
(9)	5.00	5.00
(10)	5.00	5.00
(11)	10.00	10.00
(12)	10.00	6.00
(13)	40.00	45.00
(14)	1.00	1.00
(15)	.07	.04

BIDS WANTED

STATE OF WASHINGTON—Until July 21, 10 a.m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as folloys:

King County—Paving with Portland cement concrete and asphaltic concrete on about 1.2 miles of City Street, Section 1, First Avenue South and East Marginal Way, in City of Seattle from Spokane St. to 4th Ave. South, and about 0.1 miles of State Road No. 1, Section 2, Fourth Avenue South, Airport Way Southerly, in City of Seattle, involving about 28,955 square yards of Portland cement concrete pavement and 324 tons of Type I-1 asphaltic concrete pavement, 348 linear feet of cast iron water main (400 ft. head) and other items.

Thurston County—Grading and surfacing with crushed stone tand reconstructing the existing undercrossing under the tracks of C.M.St.P.&P.R. R.Co. on about 0.7 miles of County Road, near Rainier, involving about 1.0 acres of clearing, 6,970 cubic yards of excavation, 1,810 cubic yards of crushed stone surfacing, 138 cubic yards of concrete, 133,000 pounds of Structural Steel, 6 M.B.M. of timber and lumber (untreated), 117 linear feet of pipe culverts and other items.

Benton County—Furnishing crushed stone surfacing materials in stockpiles in bunkers at a site about seven miles east of Prosser, Kiona to Prosser, involving about 4,000 cubic yards of crushed stone surfacing in bunkers and 13,000 cubic yards of crushed stone surfacing in stockpiles.

Stevens County — Surfacing with crushed stone on about 4.8 miles of State Road No. 22, Junction of State Road No. 3 to Marcus, involving about 15,780 cubic yards of crushed stone surfacing and mineral aggregate materials and other items.

Ferry County—Clearing, grading, draining and surfacing with crushed stone on about 0.5 miles of State Road No. 3, Orient Mud Slide Vicinity, involving about 26,730 cubic yards of excavation, 1,520 cubic yards of selected roadway borrow, 27 M.B.M. treated timber and lumber and other items.

Skagit and Whatcom Counties — Clearing, grading, draining and paving with Portland cement concrete on about 6.2 miles of State Road No. 1 (Lake Samish Branch) State Fish Hatchery to Lake Samish, involving about 10 acres of clearing, 13,330 cubic yards of excavation, 21,130 cubic

yards of selected roadway borrow, 73,119 square yards of cement concrete pavement, 9,569 linear feet of cable guard rail design No. 5, 864 linear feet of pipe culverts and other items.

Snohomish and Skagit Counties—Clearing, grading, draining and paving with Portland cement concrete on about 9.2 miles of State Road No. 1, Bryant Road to Conway, involving about 6,330 cubic yards of excavation, 21,370 cubic yards of selected roadway borrow, 108,760 square yards of cement concrete pavement, 1,652 linear feet of cable guard rail design No. 6, 321 linear feet of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

BIDS OPENED

FERRY COUNTY, Washington — Hallstrom & Hallstrom, 949 20th, Seattle, at $47,141 submitted low bid to the Bureau of Public Roads, 316 New Post Office Bldg., Portland, W. H. Lynch, District Engineer, for about 0.971 miles improving the Republic-Kettle Falls (West Side) grading project 20-D, National forest Road Project, located within the Colville National Forest, Ferry County, Washington.

Complete bids follow:

Hallstrom & Hallstrom, Seattle	$47,141
L. Romano Engrg. Co., Seattle	49,958
Erickson Paving Co., Seattle	52,139
Triangle Const. Co., Spokane	52,925
Myers & Goulter, Seattle	54,504
Fred J. Redmon, Yakima	57,411
C. E. O'Neal Co., Stevenson	58,492
Anderson Const. Co., Portland	58,849
Clifton & Applegate, Spokane	59,802
Lucich & Co., Seattle	60,157

Bids held under advisement.

BIDS WANTED

SISKIYOU CO., Cal.—Until July 21, 2 P. M., bids will be received by the Division of Highways, F. W. Haselwood, District Engineer, Redding, for treating about 12.5 miles with Class "C" seal coat, in Siskiyou County between Grizzly Peak and ¼ mile east of McCloud.

Plans and specifications obtainable from the above office.

BOND ELECTION

RENO, Nevada—A proposal to issue $20,600 in bonds to finance the extension of St. Lawrence Ave. will be placed on the ballot August 18.

Work will consist of the construction of sidewalks, curbs and gutters, and paving along St. Lawrence Ave. from Forest St. to South Virgnina St.

BOND ELECTION

RENO, Nevada—A proposal to issue $10,700 in bonds to finance street improvement will be placed before Reno voters August 18.

Work includes the paving of Mill St., between South Virginia St. and South Center St.; paving Mount Rose St., between Plumas St. and South Virginia St., and constructing sidewalks, curbs and gutters on Mount Rose St., between Plumas St. and South Virginia St.

BOND ELECTION

RENO, Nevada—A bond issue of $36,400 to finance the extension of Ridge St. from Granite St. to South Virginia St., will be placed on the August 18 ballot.

Work will include construction of sidewalks, curbs and gutters, and paving.

BOND ELECTION

RENO, Nevada—A proposal to issue $23,800 in bonds to finance the extension of Marsh Ave. will be placed before the voters August 18.

Work will include construction of sidewalks, curbs and gutters, and paving along Marsh Ave. from Forest St. to South Virginia St.

BOND ELECTION

RENO, Nevada—A $20,300 bond issue to finance street improvements will be placed before the voters August 18.

Work will include construction of sidewalks, curbs and gutters, and paving on Crampton St., between So. Center St. and Locust St.; on Locust St., between East Taylor St. and Burns St.; on East Taylor St., bet. Locust St. and Kirman Ave.; on Kirman Ave., between East Taylor St. and Burns St.; and on Burns St., between Kirman Ave. and Locust St.

CONTRACT AWARDED

SAN JOAQUIN COUNTY, Cal. — Geo. French Jr., P. O. Box 675, Stockton, at $4880 submitted low bid and awarded contract by the San Joaquin County Board of Supervisors, Court House, Stockton, for furnishing and applying 380 tons of road oil and 40 tons of penetration asphalt emulsion to any designated road in District No. 1.

The other bids were:

J. P. Breen, Sacramento	$4994
M. J. B. Constr. Co., Stockton	5258

NOTICE TO BIDDERS

SAN BERNARDINO COUNTY, Cal. A representative of the District Office will accompany prospective bidders over the project in San Bernardino County, between Verdemont and 0.8 mile westerly, for which bids are to be opened in Los Angeles on July 23.

Said representative will meet prospective bidders at office of the District Engineer, 247 Third St., San Bernardino, on Thursday, July 9, and 16, at 1:00 P. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

NOTICE TO BIDDERS

SAN DIEGO COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in San Diego County, on El Cajon Avenue in the City of San Diego, from Texas Street to Euclid Avenue, for which bids are to be opened in Los Angeles on July 23.

Said representative will meet prospective bidders at 3910 El Cajon Ave., San Diego, on Wednesday, July 15, at 10:00 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

VENTURA AND LOS ANGELES Counties Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in Ventura and Los Angeles Counties, between Somis and 1 mile east of Simi and between Castaic Junction and 28.4 miles westerly, for which bids are to be opened in Los Angeles on July 23.

Said representative will meet prospective bidders at the Richfield Tower Station, Castaic Junction on Monday, July 13, at 10:00 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

STATE OF CALIFORNIA. — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on July 22 and in Los Angeles on July 23:

II-Teh-29-A, bet. Route 3 and 1.5 miles east of Dales; bids to be opened July 22: PLANS and CROSS-SECTIONS, None.

VII-L.A-23-D,E, bet. Palmdale and 14.3 miles westerly; bids to be opened July 23: PLANS and CROSS-SECTIONS, none.

VII-Ven-2-B, bridge across Conejo Creek, bids to be opened July 23: PLANS (No. of Sheets) 4; (Cost) $.40 No Cross-Sections.

VII-Ven-9-B,C, bet. Somis and one mile east of Simi; bids to be opened July 23: PLANS and CROSS-SECTIONS, none.

VIII-Riv78-B, at Temecula River; bids to be opened July 23: PLANS (No. of Sheets) 6; (Cost) $.60; CROSS SECTIONS (No. of Sheets) 11; (Cost) $1.10; (Total) $1.70.

VIII-SBd-31-A, bet. Verdemont and 0.8 mile westerly; bids to be opened July 23: PLANS (No. of Sheets) 4; (Cost) $0.40; CROSS-SECTIONS (No. of Sheets) 11; (Cost) $1.10; (Total) $1.50.

XI-S.D-12-S.D. city of San Diego, on El Cajon Ave.; bids to be opened July 23: PLANS (No. of Sheets) 18; (Cost) $1.80; CROSS-SECTIONS (No. of Sheets) 167; (Cost) $16.70; (Total) $18.50

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento. 9

BIDS OPENED

HUMBOLDT COUNTY, Nev.—Geo. French, Jr., P. O. Box 675, Stockton, at $12,064.65, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Heroes Memorial Bldg. Carson City, for 60.942 miles asphaltic road-mix surfacing in Humboldt Co. from Toll House to Nevada-Oregon State Line, Route 8, Sections B, C, D1 and D2.

The work involves:

(1) 4,768 tons asphaltic road material, Type SC-2;
(2) 364 tons do, Type MC-2;
(3) 60.95 miles road-mix;
(4) 60.95 miles finish roadway;
(5) 608 each culvert markers;
(6) 249 each guide posts;
(7) 1200 l.f. metal guard rail.

Total bids follow:

(A) George French, Jr., Stockton, Cal. $112,064.65.
(B) U. B. Lee, San Leandro, Calif., $112,245.00.
(C) Clyde W. Wood, Stockton, Calif., $125,801.60.
(D) Dodge Const., Inc., Fallon, $141,-727.50.
(E) Engineer's estimate, $143,936.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$16.20	$16.00	$17.70	$20.00	$21.00
(2)	23.20	21.00	27.25	30.00	28.00
(3)	350.00	400.00	400.00	500.00	450.00
(4)	25.00	20.00	40.00	50.00	50.00
(5)	3.00	2.00	3.00	3.50	2.25
(6)	2.00	2.00	3.00	3.00	2.00
(7)	1.25	1.00	2.00	2.00	1.25

BIDS OPENED

YOLO CO., Cal.—Asphalt Pavement Planing Co., 1924 Broadway, Room 9, Oakland, at $6,630 submitted low bid to the Division of Highways, C. H. Whitmore, District Engineer, Marysville, for planing existing bituminous surfacing on about 11.38 miles at various locations between Woodland and Knights Landing in Yolo County.

The work involves 850,000 sq. ft. planing existing bituminous surfacing.

Complete bids follow:

Asphalt Pavement Planing Co., Oakland	$ 6,630.00
J. R. Reeves, Sacramento	7,522.50
A. Teichert & Son, Sacto.	9,690.00
Hanrahan Co., San Francisco	16,830.90

BIDS OPENED

UMATILLA AND GRANT COS., Oregon—Diesel Oil Sales Co., 2155 Northlake St., Seattle, at $67,854 submitted low bid to the Bureau of Public Roads, 316 New Post Office Building, Portland, W. H. Lynch, District Engineer, for 23.521 mi. improving the Pendleton-John Day bituminous surfacing project 33-B-2, C3 D3, E2, F 2, National Forest Road Project, located within the Whitman National Forest, Umatilla and Grant Counties.

Complete bids follow:

Diesel Oil Sales Co., Seattle	$67,854
L. Romano Engr. Corp., Seattle	73,955
F. J. Kernan, North Portland	81,958
J. C. Compton, McMinnville	82,071
Babler Bros., Portland	84,225
Warren Northwest Inc., Pt'lnd	84,425

Bids held under advisement.

BIDS OPENED

CHURCHILL and Lander Cos., Nev.—J. C. Compton, McMinnville, Ore., at $49,430, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, Sate Highway Engineer, Carson City, for 18.207 mi. of asphaltic road - mix surfacing in Churchill and Lander Counties, from ½ mile west of Eastgate to Campbell Creek Ranch, Route 2, Sections E1, F and A.

The work involves:

(1) 6,680 tons crushed gravel or stone surface;
(2) 1,333 tons asphaltic road material, Type SC-2;
(3) 109 tons do, Type MC-2;
(4) 18.21 miles road-mix;
(5) 18.21 miles finish roadway;
(6) 137 each culvert markers;
(7) 356 each guide posts;
(8) 722 l.f. metal guard rail.

Total bids follow:

(A) J. C. Compton, McMinnville, Ore., $49,430.00.
(B) George French, Jr., Stockton, Cal. $52,857.00.
(C) J. A. Casson, Hayward, Cal. $56,763.00.
(D) Dodge Const., Inc., Fallon, $57,747.50.
(E) Engineer's estimate, $49,454.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .90	$ 1.10	$ 1.00	$ 1.25	$ .90
(2)	20.00	21.00	25.00	24.00	21.00
(3)	30.00	29.00	30.00	32.00	28.00
(4)	550.00	600.00	500.00	500.00	500.00
(5)	50.00	50.00	100.00	100.00	50.00
(6)	3.00	4.00	3.00	3.50	3.00
(7)	3.00	3.00	3.00	3.00	3.00
(8)	1.50	1.25	1.50	2.00	1.25

CONTRACT AWARDED

BUTTE AND TEHAMA COS., Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $9,947.08 awarded contract by the Bureau of Public Roads, Federal Bldg., San Francisco, for applying bituminous treatment (light surface application) on about 25.783 miles of Sections F and G and portions of Sections A, B, C, D, and E of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Butte and Tehama Counties.

LOS ANGELES — GATE VALVES — (CITY)

LOS ANGELES, Cal.—Bids for furnishing miscellaneous double disc gate valves under Spec. No. X-32, were opened by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau.

The bids were taken on the following:

(1) 3 30-in. double disc gate valves, hub end;
(2) 9 24-in. do;
(3) 17 16-in. do;
(4) 1 16-in. do, flanged end;
(5) 12 12-in. do, flanged end (350 lbs sq. in.);
(6) 121 12-in. double disc gate valves, hub end (450 lbs. per sq. in.).
(7) 1 12-in. double disc gate valve, flanged end (450 lbs. sq. in.);
(8) 23 12-in. double disc gate valves, hub end (450 lbs. per sq. in.)

The bidders were:

(A) Crane Co., 3% discount for the combined award of all items only; cash discount 2% 30 days
(B) National Cast Iron Pipe Co., no discounts for combined award.
(C) Kennedy Valve Mfg. Co., 1½% discount for combined award of all items or items (1) and (2) together; 3½% items (3) (1) (7) and (8) together, and ½% items (5) and (6) together. Terms net.
(D) Florence Pipe Foundry & Machine Co., no discounts for combined award. terms 2% 30 days.
(E) Jenkins Bros., no discounts for combined awards; terms 2% 30 days.
(F) Rennselaer Valve Co., 32½% discount for combined award of all items only. Terms net.
(G) Rich Mfg. Co., 12½ discount for combined award of all items; 10% discount for other combinations.
(H) Mueller Co., no discounts for combined award; terms net. x
(I) Hickey Pipe & Supply Co., no discounts for combined award; terms 2% 30 days.
(J) Water Works Supply Co., 10% discount for combined award on all items or (3) (4) (7) and (8) together or (5) and (6) together; 25% discount on items (1) and (2) together; terms 2% 30 days.

The unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A)	$1200.00	$680.00	$210.00	$225.00	$ 91.50	$ 83.50	$130.00	$120.00
(B)	1115.00	672.00	238.60	252.00	111.80	103.70	111.80	103.70
(C)	885.27	531.50	203.38	210.33	76.22	69.36	89.96	86.10
(D)	1169.25	665.25	246.50	262.70	111.00	101.25	126.50	111.35
(E)	1162.35	683.10	245.03	260.65	91.80	83.70	130.50	119.00
(F)	966.60	575.10	208.58	217.08	91.80	83.70	137.70	125.55
(G)	805.50	479.25	169.65	180.90	76.50	69.75	102.00	93.00
(H)	602.30	350.00	119.50	128.50	59.50	54.25	64.25	56.95
(I)	.....	.....	.....	.....	83.85	78.40	.....	.....
(J)	1100.00	730.00	255.00	265.00	125.00	120.00	130.00	125.00

SIERRA COUNTY — 3.7 MILES GRADING — (GOVT.)

SIERRA COUNTY, Cal.—R. A. Farish, 14 Pinehurst Way, San Francisco, at $54,507.42 submitted low bid to the Bureau of Public Roads, Federal Building, San Francisco, for 3.7 miles grading on Section C of Route 27, the Sierraville - Hobart National Forest Highway, Tahoe National Forest, Sierra County.

The work involves:

(1) 25 acres clearing;
(2) 66 acres cleanup clearing;
(3) 51,000 c.y. unclass. excav.;
(4) 6,500 do, for borrow;
(5) 880 c.y. do for structure;
(6) 42,800 sta. yds. overhaul;
(7) 1,320 c.y. mi. borrow haul;
(8) 20 l.f. 12-in. perforated pipe;
(9) 488 l.f. 18-in. corru. metal pipe;
(10) 520 l.f. 24-in. CMP;
(11) 212 l.f. 30-in. CMP;
(12) 48 l.f. 36-in. CMP;
(13) 68 l.f. 42-in. CMP;
(14) 100 c.y. hand-laid riprap;
(15) 7 c.y. crushed rock or gravel for backfill;
(16) 6 s.y. mortar backfill seal;
(17) 160 c.y. Class A concrete;
(18) 24 c.y. Class B concrete;
(19) 166 c.y. Class D concrete;
(20) 36 c.y. Class S concrete;
(21) 54,500 lbs. reinf. steel;
(22) 2,700 l.f. Type 1 protection ditch;
(23) 38 each right of way monuments;
(24) 350 lbs. bronze bearing plates.

Total bids follow:

(A) R. A. Farish, San Francisco, $54,507.42.
(B) Isbell Const. Co., Reno, $55,708.50.
(C) Harms Bros., Doyle, $65,008.00.
(D) Biasotti - Willard and Biasotti, Stockton, $108,090.00.
(E) Engineer's estimate, $56,300.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$115.00	$100.00	$150.00	$400.00	$150.00
(2)	45.00	75.00	75.00	100.00	30.00
(3)	.47	.42	.60	.90	.50
(4)	.26	.42	.35	.50	.50
(5)	1.70	1.50	2.00	5.00	1.50
(6)	.01	.02	.02	.02	.03
(7)	.235	.25	.20	.30	.15
(8)	1.41	1.50	1.50	3.00	1.75
(9)	1.91	2.00	2.00	4.00	2.00
(10)	2.88	3.00	3.00	6.00	2.90
(11)	3.80	3.50	4.00	7.00	3.50
(12)	4.85	6.00	5.00	9.00	5.70
(13)	6.65	7.00	7.00	12.00	6.80
(14)	8.00	5.00	6.00	5.00	4.00
(15)	4.32	5.00	6.00	5.00	4.00
(16)	1.00	.50	1.00	15.00	.30
(17)	30.00	32.00	30.00	40.00	25.00
(18)	30.00	32.00	30.00	45.00	20.00
(19)	30.00	34.00	32.00	50.00	28.00
(20)	30.00	35.00	32.00	80.00	20.00
(21)	.065	.06	.055	.07	.07
(22)	.20	.25	.20	2.00	.25
(23)	3.50	3.00	3.00	3.00	3.00
(24)	.40	.35	.40	.60	.40

Bids held under advisement.

BIDS WANTED

RIVERSIDE COUNTY, Cal. — Until July 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for constructing a reinforced concrete bridge and about 2.4 miles grading and surfacing with plant-mixed surfacing in Riverside County between 2½ miles west of Beaumont and Beaumont.

The work involves:
(1) 2,180 M. gals. water;
(2) 52 c.y. remove existing concrete;
(3) 109,000 c.y. rdwy. excav., uclass.;
(4) 1,900 c.y. struc. excav.;
(5) 550 c.y. struc. excav. (bridge);
(6) 2,900,000 sta. yds. overhaul;
(7) 124 sta. finishing rdwy.;
(8) 452 tons liquid asph. SC-4 (plant-mix surf.);
(9) 8,580 tons mineral aggregate (do)
(10) 150 tons liquid asphalt SC-2 (road mix surf. treatment);
(11) 18,000 sq. yds. preparing, mixing and shaping shoulders;
(12) 49 tons liquid asphalt 90-95 (seal coat);
(13) 575 tons screenings (seal coat);
(14) 4,250 c.y. remove and dispose of oiled macadam surfacing;
(15) 57,200 lbs. bar reinf. steel;
(16) 320 c.y. Class A Portland cement concrete (struc.);
(17) 90 l.f. 8-in. CMP;
(18) 556 l.f. 24-in. CMP;
(19) 154 l.f. 36-in. CMP;
(20) 66 l.f. 42-in. CMP;
(21) 450 l.f. clean and salvage pipe culverts;
(22) 200 l.f. 75-in. multi plate CMP (410-18);
(23) 2 each spillway assemblies;
(24) 25 each culvert markers;
(25) 90 each guide posts;
(26) 1.4 miles new property fence;
(27) 12 each drive gates;
(28) 2.2 miles moving and resetting property fences;
(29) 56 each monuments;
(30) 168 l.f. timber railing;
(31) removing and disposing of existing bridge;
(32) removing existing overhead struc.
(33) 1 lot misc. items of work.

NOTE: The State will furnish corrugated metal pipe and embankment protectors as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. —Until July 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for surfacing with plant-mixed surfacing, slow curing type, and applying seal coat thereto, on about 18.3 miles in San Bernardino County bet. Upland and San Bernardino and bet. Redlands and the National Forest boundary.

The work involves:
(1) 295,000 sq. yds. asphaltic paint binder;
(2) 13,100 tons mineral agg. (plant-mix surf.);
(3) 700 tons liquid asphalt SC-4 (do);
(4) 140 tons asphaltic emulsion (seal coat);
(5) 800 c.y. sand (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

RIVERSIDE COUNTY, Cal. — Until July 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to shoulders on about 36.2 miles in

LYON & MINERAL COS., NEV.—14.98 Mi. Surface—State

LYON AND MINERAL COS., Nev. —Silver State Const. Co., Fallon, at $28,696.00, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for 14.98 miles of asphaltic road-mix surfacing in Lyon and Mineral Counties, Route 3, Sections A3 and G, between 9½ miles east of Yerington and Schurz.

The work involves:
(1) 1,066 tons of asphaltic road material, Type SC-2;
(2) 90 tons do, Type MC-2;
(3) 14.98 miles road-mix;
(4) 14.98 miles finish roadway;
(5) 178 each, culvert markers;
(6) 125 each, guide posts;
(7) Llump sum, cattle guard.

Total bids follow:
(A) Silver State Const. Co., Fallon, $28,696.00.
(B) Nevada Rock & Sand Co., Reno, $29,166.50.
(C) Oilfields Trucking Co., Bakersfield $30,721.00.
(D) Geo. French, Jr., Stockton, $33,-010.00.
(E) Dodge Const., Inc., Fallon, $35,-323.00.
(F) J. C. Compton, McMinnville, Ore. $36,233.00.
(G) U. B. Lee, San Leandro, Calif., $37,049.00.
(H) Engineer's estimate, $33,760.25.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$17.00	$ 16.00	$ 17.00	$ 19.00	$ 21.00	$ 21.00	$ 22.00	$ 20.00
(2)	25.00	22.50	30.00	27.00	30.00	30.00	30.00	27.50
(3)	400.00	500.00	450.00	500.00	500.00	550.00	500.00	500.00
(4)	100.00	50.00	50.00	50.00	50.00	50.00	100.00	50.00
(5)	3.00	3.00	3.00	4.00	3.50	3.00	3.00	2.50
(6)	2.00	2.50	3.00	3.00	3.00	3.00	3.00	2.25
(7)	50.00	1000.00	1500.00	1000.00	1000.00	1250.00	1000.00	1000.00

NYE COUNTY, NEV.—15.723 MI. SURAFCING—STATE

NYE COUNTY, Nevada—U. B. Lee, 1059 Carpentier St., San Leandro, at $30,751, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for construction of 15.723 miles asphaltic road-mix surfacing in Nye County from Tonopah to West Forest Boundary, Route 4, Section A1.

The work involves:
(1) 1,122 tons asphaltic road material, Type SC-2;
(2) 95 tons do, Type MC-2;
(3) 15.72 miles road-mix;
(4) 15.72 miles finish roadway;
(5) 164 each, culvert markers.

Total bids follow:
(A) U. B. Lee, San Leandro, $30,751.
(B) J. C. Compton, McMinnville, Ore. $32,063.00.
(C) George French, Jr., Stockton, Cal. $33,894.00.
(D) J. A. Casson, Hayward, Cal., $34-181.00.
(E) Silver State Const. Co., Inc., Fallon, $34,363.00.
(F) Engineer's estimate, $31,627.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$17.00	$18.00	$18.00	$20.00	$20.00	18.00
(2)	25.00	27.00	28.00	27.40	30.00	25.00
(3)	500.00	500.00	600.00	500.00	500.00	500.00
(4)	50.00	50.00	50.00	50.00	25.00	50.00
(5)	4.00	4.00	5.00	3.00	5.00	2.50

GREENLEE CO., ARIZ.—1.8 MI. GRADING — (GOVT)

GREENLEE COUNTY, Ariz.—H. J. Hagen, Globe, Arizona, at $50,594 submitted the low bid (as previously reported) to U. S. Bureau of Public Roads, C. H. Sweeter, District Engineer, Phoenix, for grading Section B (portion) of Route 19, the Clifton-Al-Pine National Forest Highway, Greenlee County, Arizona, a length of 1.854 miles.

The work involves:
(1) 15 acres clearing;
(2) 49,850 cu. yds. excavation, unclassified;
(3) 300 cu. yds. excavation, unclass., for struc.;
(4) 11,000 sta. yds. overhaul;
(5) 28 cu. yds. cement rubble masonry;
(6) 156 lin. ft. 18-in. C. G. M. pipe;
(7) 52 lin. ft. 24-in. C. G. M. pipe;
(8) 501 lin. ft. remove, clean and relay existing C. G. M. pipe;
(9) 600 lin. ft. type I protection ditch.

The total bids were:
(A) H. J. Hagen, Globe, Ariz., $50,-594.
(B) Fisher Construction Co., Phoenix, $5178.50.
(C) Ken Hodgman, Flagstaff, Ariz., $52,131.50.
(D) All Arizona Engineering & Construction Co., Clifton, Ariz., $52,-872.70.
(E) Pearson & Dickerson, Prescott, Ariz., $83,218.50.
(F) Engineer's estimate, $43,933.10.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$200.00	$250.00	$225.00	$150.00	$300.00	$100.00
(2)	.90	.90	.91	.95	1.50	.80
(3)	2.50	2.50	1.50	2.00	3.00	1.50
(4)	.03	.03	.05	.04	.075	.04
(5)	20.00	25.00	20.00	20.00	22.50	19.00
(6)	2.00	2.50	3.25	2.60	3.00	2.25
(7)	3.00	3.50	4.50	3.80	4.50	3.25
(8)	1.00	1.50	2.00	2.00	1.50	1.10
(9)	.20	.10	.15	.10	.225	.10

Riverside County, between Hemet and Moreno and between Perris and the National Forest boundary east of Hemet.

The work involves:
(1) 2,785 tons liquid asphalt, SC-4;
(2) 338,000 sq. yds. preparing, mixing, and shaping shoulders.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

LOS ANGELES CO., Calif. — Until July 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 1.8 miles grading and paving with asphalt concrete in Los Angeles County on Cerritos Avenue between Firestone Blvd. and Telegraph Road.

The work involves:
(1) 96 sta. clear and grub right of way;
(2) 600 M. gals. water;
(3) 250 c.y. remove existing concrete;
(4) 30,000 c.y. rdwy. excav., unclass.
(5) 250 c.y. struc. excav.;
(6) 70,000 sta. yds. overhaul;
(7) 11,500 tons imported subgrade material;
(8) 32,000 sq. yds. preparing subgrade
(9) 96 sta. finishing rdwy.;
(10) 6 tons liquid asph. MC-2 (prime coat);
(11) 1,500 tons mineral agg. (plant-mix surface);
(12) 80 tons liquid asphalt MC-4 or MC-5 (do);
(13) 15,000 sq. yds. preparing, mixing and shaping shoulders;
(14) 16 tons liquid asph. SC-2 (prime coat);
(15) 150 tons liquid asph. SC-2 (road-mix surf. treatment);
(16) 9,700 tons asphalt concrete (base and leveling course);
(17) 3,700 tons asphalt concrete (type "A" surf. course);
(18) 3,600 sq. yds. asph. paint binder;
(19) 6,000 lbs. bar reinf. steel;
(20) 65 c.y. Class A Portland cement concrete (struc.);
(21) 3,200 lbs. misc. iron and steel;
(22) 300 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks and driveways);
(23) 7 each culvert markers;
(24) 5 each adjust manholes to grade;
(25) 18 each moving and replanting palm trees;
(26) 20 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until July 29, 2 P. M., bids will be received by the State Highway Commission at Sacramento, for surfacing with bituminous treated surfacing, plant-mixed, on portions of 7.3 miles between San Mateo and Redwood City, in San Mateo County.

The work involves:
(1) 5,000 c.y. selected material;
(2) 130 tons liquid asph. SC-1A (shoulder seal coat);
(3) 66 tons liquid asph. SC-2 (shoulder seal coat);
(4) 500 tons screenings (seal coat);
(5) 13,100 tons mineral aggregate (bituminous treated surf.);
(6) 900 tons asphaltic emulsion (do);
(7) 70 tons do (paint binder and seal coat);
(8) 350 tons sand (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

CONTRA COSTA CO., Calif.—Until July 29, 2 P. M., bids will be received by the State Highway Commission at Sacramento for about 4.8 miles surfacing with plant-mixed surfacing in Contra Costa County between Route 106 and Antioch.

The work involves:
(1) 2,000 tons selected material;
(2) 8,540 tons mineral aggregate;
(3) 450 tons liquid asphalt, MC-5;
(4) 28 tons asphaltic emulsion (prime coat);
(5) 45 tons liquid asphalt MC-3 (seal coat);
(6) 500 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until July 29, 2 P. M., bids will be received by the State Highway Commission at Sacramento, for about 4.5 miles grading and surfacing with gravel base and screened gravel in Mendocino Co. bet. Outlet Creek and Reeves Creek.

The work involves:
(1) 22 acres clear and grub right of way (Location A);
(2) 19 acres do (Location B);
(3) 3,400 M. gals. water;
(4) 286,500 c.y. rdwy. excav., unclass.
(5) 939,000 sta. yds. overhaul;
(6) 4,000 c.y. struc. excav.;
(7) 3,800 c.y. ditch and channel excavation;
(8) 237 sta. finishing rdwy.;
(9) 38,400 tons gravel base;
(10) 13,000 tons screened gravel (surf.)
(11) 170 tons liquid asphalt SC-1A (prime coat);
(12) 83 tons liquid asphalt MC-3 (seal coat);
(13) 1,000 tons screenings (seal coat);
(14) 450 tons screenings (stockpiles);
(15) 153 c.y. Class A Portland cement concrete (struc.);
(16) 9,100 lbs. bar reinf. steel;
(17) 1,650 l.f. 8-in. CMP;
(18) 1,580 l.f. 18-in. CMP;
(19) 1,634 l.f. 24-in. CMP;
(20) 204 l.f. 30-in. CMP;
(21) 22 l.f. 48-in. CMP;
(22) 84 l.f. 60-in. CMP;
(23) 124 l.f. 60-in. CMP (8 gauge);
(24) 6,650 l.f. 8-in. perf. metal pipe underdrains;
(25) 4,920 tons rock filling material;
(26) 22 each spillway assemblies;
(27) 21 each perf. metal junction pipes
(28) 20 each cast steel frames and covers for drop inlets;
(29) 190 l.f. existing CMP pipe to be removed and relaid;
(30) 384 l.f. do to be removed and salvaged;
(31) 1 only building right of Sta. 283 plus 55 to be moved;
(32) 1 only building left of Sta. 281 plus 00 to be moved;
(33) 4 each existing headwalls to be moved and reset;
(34) 0.5 mile existing fence to be moved and reset;
(35) 130 each culvert markers;
(36) 230 each guide posts;
(37) 100 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka. *

BIDS WANTED

SAN DIEGO COUNTY, Calif.—Until July 30, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 6.6 miles grading and paving with asphalt concrete in San Diego County between Del Mar and Encinitas.

The work involves:
(1) Clearing and grubbing right of way;
(2) 18 each trees boxed in;
(3) 2,750 M. gals. water;
(4) 33,200 c.y. rdwy. excav., unclass.
(5) 100 c.y. ditch and channel excav.
(6) 104,000 sta. yds. overhaul;
(7) 103,000 cy imported borrow;
(8) 3,000 cy. struc. excav.;
(9) 2,200 c.y. existing concrete to be removed and disposed of;
(10) 67,100 sq. yds. subgrade for pave.
(11) 326 sta. finishing rdwy.;
(12) 1,320 tons crusher-run base;
(13) 775 tons liquid asphalt, SC-2;
(14) 95,000 sq. yds. preparing, mixing and shaping shoulders;
(15) 75,200 sq. yds. asph. paint binder;
(16) 24,305 tons asphalt concrete (base and leveling courses);
(17) 15,910 tons asphalt concrete (type "A" surface);
(18) 6,700 lbs. bar reinf. steel;
(19) 105 c.y. Class A Portland cement concrete (struc.);
(20) 430 c.y. do (curbs and gutters);
(21) 350 c.y. do (sidewalks);
(22) 424 l.f. 8-in. CMP;
(23) 58 l.f. 18-in. CMP;
(24) 1,606 l.f. 24-in. CMP;
(25) 18 each spillway assemblies;
(26) 1,200 l.f. 8-in. perf. metal pipe underdrains;
(27) 1,500 c.y. rock filling material (underdrains);
(28) 8 each cast steel covers & frames for drop inlets;
(29) 4,800 l.f. laminated guard railing;
(30) 47 each culvert markers;
(31) 117 each guide posts;
(32) 6 each existing electroliers moved and reset;
(33) 95 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Diego.

CONTRACT AWARDED

PLUMAS CO., Cal.—C. F. Fredericksen & Sons, Lower Lake, at $6,015.30 awarded contract by the Bureau of Public Roads, Federal Building, San Francisco, for bituminous treatment (light surface application) on 6.285 miles of Sections A and B of Route 20, the Almanor National Forest Highway, Plumas National Forest, Plumas County.

LOW BIDDERS

COCONINO COUNTY, Ariz.—Ernest Everly, Albuquerque, N. M., at $62,400 submitted low bid to the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for approximately 4.28 miles grading on Section D of Route 3, the Flagstaff-Clints Well National Forest Highway, Coconino County.

Three low bids follow:
Ernest W. Everly, Albuquerque, $62,400.
Lee Moor Constr. Co., El Paso, $64,362.
Heuser & Garnett, Glendale, $61,430.
Engineer's Estimate, $63,665.

Complete bids will be published shortly. *

CONTRACT AWARDED

CHURCHILL CO., Nevada. — Dodge Construction, Inc., Fallon, at $149,160.05 awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, July 3, for constructing a portion of state highway system in Churchill County between a point approximately six miles east of Fallon and Stillwater, a length of approximately 9.41 miles.

Isbell Const. Co., Reno, at $154,701.06 submitted second low bid.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until July 27, 10 A. M., bids will be received by Sacramento County Board

of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for approximately 4.1 miles of armor topping on the Elk Grove-Sheldon Road.

Plans and specifications obtainable from the office of County Engineer J. J. Rooney upon deposit of $10.00

TO ASK BIDS

WASHOE AND STOREY COS. Nev.—Specifications for asphalt road-mix surfacing of 8.03 miles on portions of the Nevada State Highway System in Washoe and Storey Counties, Route 17, Sections A1, A2, A3 and between junction of Route 3, near Brown's Station to a point approximately 8 miles southeast have been approved by District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads. Bids will be asked shortly by State Highway Engineer Robert A. Allen.

The work involves:
(1) 632 tons asphaltic road material, Type SC-2;
(2) 53 tons do, Type MC-2;
(3) 8.03 miles road-mix;
(4) 8.03 miles finish roadway;
(5) 62 each culvert markers;
(6) 180 each guide posts.

COMPLETE BID LISTING

NYE COUNTY, Nev.—J. A. Casson, 22105 Meekland Ave., Hayward, Cal., at $42,731, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for 14.068 miles of asphaltic roadmix surfacing in Nye County from seven miles northeast of Lockes to Callaways, Route 4, Section D2.

The work involves:
(1) 1,109 tons asphaltic road material, Type SC-2;
(2) 84 tons asphaltic road material, Type MC-2;
(3) 14.07 miles roadmix;
(4) 14.07 miles finish roadway;
(5) 37 each, culvert markers.

Total bids follow:
(A) J. A. Casson, Hayward, Cal., $42,-731.00.
(B) J. C. Compton, McMinnville, Ore., $44,394.50.
(C) George French, Jr., Sockton, Cal., $45,876.50.
(D) Engineer's estimate, $41,883.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 27.50	$29.00	$30.00	$28.00
(2)	35.00	35.00	39.00	35.50
(3)	600.00	600.00	600.00	500.00
(4)	50.00	50.00	50.00	50.00
(5)	4.00	4.00	5.00	3.00

BIDS OPENED

WASHOE COUNTY, Nevada—Isbell Const. Co., 1300 E. 4th St., Reno, at $13,738.90, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of an asphaltic road-mix surfacing on a portion of the state highway system in Washoe County, from Sparks to Junction Route 33; Junction Route 3 to United Airport; Peckham Lane, and Plumas St. from south Reno city limits via Moana Lane to junction with Route 3, a length of approximately 7.98 miles.

The work involves:
(1) 449 tons asphaltic road material, Type SC-2;
(2) 53 tons do, Type MC-2;
(3) 5.23 miles roadmix;
(4) 2.75 miles scarify and remix road-mix surface;
(5) 7.89 miles finish roadway.

Total bids follow:
(A) Isbell Const. Co., Reno, $13,738.90.
(B) Silver State Const. Co., Inc., Fallon, $14,061.00.
(C) J. A. Casson, Hayward, Cal., $15,-397.00.
(D) U. B. Lee, San Leandro, Calif., $15,857.00.
(E) Engineer's estimate, $13,043.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$16.00	$18.00	$19.00	$22.00	$16.50
(2)	25.30	30.00	27.00	30.00	23.50
(3)	500.00	500.00	700.00	500.00	500.00
(4)	800.00	500.00	500.00	500.00	500.00
(5)	50.00	50.00	50.00	50.00	50.00

BIDS OPENED

WHITE PINE COUNTY, Nev.—Geo. French, Jr., P. O. Box 675, Stockton, at $12,754, as previously reported, submitted low bid to the Nevada State Highway Directors, Carson City, for 5.376 miles asphalic road-mix surface treatment in White Pine County, between Preston and Lund, Route 38, Sections A and B.

The work involves:
(1) 371 tons asphaltic road material, Type SC-2;
(2) 31 tons do, Type MC-2;
(3) 5.38 miles road-mix;
(4) 54 each, culvert markers,
(5) 5.38 miles finish roadway.

Total bids follow:
(A) George French, Jr., Stockton, Cal. $12,754.00.
(B) J. A. Casson, Hayward, Calif., $13,646.10.
(C) J. C. Compton, McMinnville, $14,-234.40.
(D) U. B. Lee, San Leandro, $14,510.
(E) Engineer's estimate, $11,620.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$23.00	$24.10	$25.00	$25.00	$20.00
(2)	32.00	32.00	35.00	30.00	27.00
(3)	500.00	600.00	600.00	700.00	500.00
(4)	5.00	4.00	4.00	5.00	2.50
(5)	50.00	50.00	80.00	50.00	100.00

CONTRACT AWARDED

NAPA COUNTY, Calif.—Claude C. Wood, 669 Bedford Road, Stockton, at $24,861 submitted low bid and was awarded contract by the Napa County Board of Supervisors for improving a portion of the Chiles Valley Road from a point near the Old Chiles Mill to a point near the foot of Wardner Hill in Pope Valley, a distance of about 7.3 miles, by surfacing with cut-back asphaltic wearing surface.

The work involves:
(1) 7.3 miles preparing subgrade and road-mix;
(2) 6000 c.y. crushed rock;
(3) 450 tons cutback asphalt.

Total bids follow:
(A) Claude C. Wood, Stockton, $24,-861.00.
(B) E. A. Forde, San Anselmo, $25,-014.50.
(C) Harold Smith, St. Helena, $25,-380.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$570.00	$500.00	$600.00
(2)	2.10	2.15	2.00
(3)	18.00	18.81	20.00

E. P. Ball, county engineer.

BIDS OPENED

SACRAMENTO COUNTY, Calif.—Blake Bros. Co., Balboa Bldg., San Francisco, at $2.95 per ton submitted low bid to the Sacramento County Board of Supervisors, T. F. Patterson, Clerk, Sacramento, for delivering 4500 tons of oil-mix rock surfacing fob county trucks along Steamboat Slough.

Basalt Rock Co., Napa, at $3.05 per ton, submitted the only other bid.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until July 27, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 291, Court House, Sacramento, for approximately 3.3 miles of armor topping on the Florin-Perkins Road.

Plans and specifications obtainable from the office of County Engineer John J. Rooney upon deposit of $10.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until July 27, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for two miles of asphaltic concrete resurfacing on Fair Oaks Blvd.

Plans and specifications obtainable from the office of County Engineer John J. Rooney upon deposit of $10.

30—RESERVOIRS & DAMS

BIDS OPENED

SALT RIVER PROJECT, Ariz.—L. E. Dixon and Bent Bros., Inc., 609 S. Grand Ave., Los Angeles, and Case Const. Co., Inc., Alhambra, Cal., at $712,976 submitted low bid to U. S. Bureau of Reclamation, E. C. Koppner, Construction Engineer, Phoenix under Spec. No. 689 for constructing spillways at the Horse Mesa Dam, Salt River Project.

V. R. Dennis Const. Co., San Diego, submitted only other bid received at $723,255.

(1) 29,900 c.y. all classes of open-cut excavation;
(2) 22,300 c.y. excavation in tunnel;
(3) 200 c.y. excavation of old concrete;
(4) 550 s.y. chipping and roughening surfaces of old concrete;
(5) 1,400 c.y. backfill;
(6) 21,600 c.f. pressure grouting;
(7) 130 c.y. porous concrete;
(8) 4,900 c.y. concrete in tunnel;
(9) 7,270 c.y. concrete in structures;
(10) Placing 700,000 lbs. reinf. bars;
(11) Drilling 22,600 l.f. grout, drainage, weep and anchor-bar holes;
(12) Installing 12,700 lbs. grout and drainage pipe and pipe handrails;
(13) Constructing 290 l.f. 4- and 6-in. sewer pipe drains;
(14) Installing 455,000 lbs. gates and gate hoists;
(15) Installing 64,300 lbs. other metal work;
(16) Erecting 14 MFBM timber in foot bridge;
(17) Altering existing radial gate and gate hoists and installing new operating mechanisms;
(18) Installing electrical circuits and apparatus.

CONTRACT AWARDED

SALT RIVER PROJECT, Arizona—Barrett & Hilp, 918 Harrison St., San Francisco, and the Macco Corp., 815 Paramount Blvd., Clearwater, at $2,-228,272 awarded contract by the Bureau of Reclamation, E. C. Koppner, Constr. Engr., Producer Bldg., Phoenix, under Spec. No. 674, for construction of the Bartlett Dam, Salt River Project. The dam will be of concrete multiple-arch type.

APPLICATION FILED

SACRAMENTO, Cal.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources during June:

8690 (Sierra County) Charles M. Hafer, Nevada City, Calif., for 14,400 gals. per day to be diverted for domestic purposes. Estimated cost $200.

8691 (Plumas County) California Goldfields Development Co., Greenville, Calif., for ¾ c.f.s. from Bump Creek tributary to Wolf Creek, to be diverted for mining and domestic purposes. Estimated cost $750.

8692 (San Diego County) Raymond V. Plyler, Downey, Calif., for 0.7 c.f.s. from 3 wells and an unnamed stream tributary to San Luis Rey River via Keys Canyon to be diverted for irrigation and domestic purposes. Estimated cost $1000.

8695 (San Diego County). George A. Nuthall, De Luz, Calif., for .5 c.f.s. from a spring tributary to De Luz Creek to be diverted for irrigation and domestic purposes on 30 acres. Estimated cost $1000.

8697 (San Bernardino County), Everett H. Swing, San Bernardino, Cal., for 20 c.f.s. from Mojave River (Surface and subsurface flow), tributary to Mojave Desert to be diverted for irrigation and domestic purposes on 1000 acres. Estimated cost $12,000.

8699 (San Bernardino County) Frederick H. Merrell, Helendale, Calif., for 210 c.f.s. from Mojave River, to be diverted for irrigation and domestic purposes on 10,000 acres. Estimated cost $770,016.

8700 (San Bernardino County), Everett H. Swing), San Bernardino, Cal. for 200 c.f.s., from Mojave River, to be diverted for irrigation and domestic purposes on 10,000 acres. Estimated cost $665,300.

8701 (San Bernardino County), Geo. W. Spencer, 1452 Sunset Blvd., Los Angeles, Calif., for 3 c.f.s., from Antelope Canyon tributary to Mojave Desert, to be diverted for irrigation purposes on 640 acres. Estimated cost $300,000.

8702 (San Bernardino County), Geo. W. Spencer, 1452 Sunset Blvd., Los Angeles, Calif., for 8 c.f.s., from Arrastre Creek, tributary to Lucerne Valley, to be diverted for irrigation purposes on 1280 acres. Estimated cost $60,000.

8703 (San Bernardino County), Geo. W. Spencer, Los Angeles, Calif., for 6 c.f.s., from Rattlesnake Canyon, tributary to Lucerne Valley, to be diverted for irrigation purposes on 1280 acres. Estimated cost $60,000.

8704 (San Bernardino County), Geo. W. Spencer, Los Angeles, Calif., for 10 c.f.s. and 7240 ac. ft., from Baldwin Lake, tributary to Lucerne Valley, to be diverted for irrigation purposes on 1280 acres. Estimated cost $75,000.

8705 (San Bernardino County), U. S. San Bernardino National Forest, San Bernardino, Calif., for .007 c.f.s., from Don Carlos Spring, tributary to Big Bear Lake, to be diverted for domestic purposes. Estimated cost $1,000.

8706 (El Dorado County) A. L. Podesta, et al, Jackson, Calif., for 2000 G.P.D. from unnamed spring tributary to Bear River to be diverted for domestic and fire protection purposes.

8713 (Modoc County) A. Hafer, Alturas, Calif., for 3 C.F.S. and 160 ac. ft. per annum from an unnamed stream tributary to Pit River to be diverted for irrigation purposes on 60 acres. Estimated cost $4000.

8714 (Tehama County) U. S. Lassen Volcanic National Park, Mineral Calif., for 8 C.F.S. from Battle Creek tributary to Sacramento River to be diverted for power purposes. 82 T.H.P. to be developed. Estimated cost $8000.

8715 (San Diego County) Elizabeth C. Smythe, 485 Madre Ave., Pasadena, Calif., for 200 ac. ft. from an unnamed stream tributary to Pacific Ocean to be diverted for irrigation purposes on 50 acres. Estimated cost $1500.

8717 (Sierra County) Carl L. Johnson and D. H. Casey, Alleghany, Calif. for 8 C.F.S. from 8 streams tributary to Oregon Creek to be diverted for mining purposes. Estimated cost $2000.

8718 (Amador County) Sierra Mountain Water Co., Stockton, Calif., for 300,000 ac. ft. from Cosumnes River tributary to Mokelumne River to be diverted for power purposes. 13840 T.H.P. to be developed. Estimated cost $7,2000,000.

8719 (Amador County) Sierra Mountain Water Co., Stockton, Calif., for 300,000 ac. ft. from Cosumnes River tributary to Mokelumne River to be diverted for municipal purposes in City of Stockton.

PERMITS ISSUED

SACRAMENTO, Calif.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during June.

Permit 4741 (Siskiyou County) issued to Indian Creek School, Happy Camp, Calif., June 5, for 16,000 g.p.d. from Baker Gulch, for use for domestic purposes. Estimated cost $75,000.

Permit 4742 (Siskiyou County), issued to J. L. Corbett, Yreka, Calif., June 8, for 50,000 g.p.d. from Lumgrey Creek, for mining and domestic purposes. Estimated cost $1000.

Permit 4743 (Butte County), issued to Parrott Investment Co., San Francisco, Calif., June 11, for 50 c.fs. from Big Butte Creek, for irrigation of 17427 acres.

Permit 4744 (Butte County), issued to M.&T., Inc., San Francisco, Calif., June 11, for 50 c.f.s. from Big Butte Creek, for irrigation purposes on 3620 acres.

Permit 4746 (Butte County), issued to M. T. Machado, Gridley, Calif., June 15, for 3 c.f.s. from Lateral "E" of Reclamation Dist. 833, for irrigation of 303 acres. Estimated cost $1,500.

Permit 4754 (Inyo County), issued to C. H. Van Norman and F. B. Krater, Independence, Calif., June 22, for o. 1 c.f.s. from Independence Creek, for power purposes.

Permit 4757 (San Joaquin County), issued to Herman F. Strecker, et al., Stockton, Calif., June 25, for 2.804 c.f.s. from San Joaquin River, for irrigation of 224.32 acres. Estimated cost $10,000.

31 — PIPE LINES & WELLS

BIDS OPENED

SAN MATEO, San Mateo Co., Cal.—J. E. Fontes, 37 West Poplar, San Mateo, at $1,595.99 submitted the only bid received by the San Mateo City Council for well drilling at the East Side Park.

Bid held under advisement.

BIDS WANTED

LOS ANGELES, Cal.—Until July 30, 10 A. M., bids will be received by the Metropolitan Water District, 306 West 3rd St., Los Angeles, for constructing precast concrete or steel pipe lines and appurtenant works for the Upper Feeder of the Colorado River Aqueduct Distribution System, in accordance with plans and specification No. 154 which may be obtained at the office of the Chief Engineer, Rm. 1007, 306 West Third St., Los Angeles, upon payment of $5, not returnable.

The work is located in Los Angeles County and comprises approximately 4.42 miles of pipe line construction divided into schedules as follows:

SCHEDULES 9P OF 9S, principally in Sierra Madre between the Big Santa Anita Wash and Mountain Trail Avenue.

SCHEDULE 10P, principally in the unincorporated area between Sierra Madre and Pasadena.

SCHEDUUE 11P, across the Arroyo Seco in the western part of the City of Pasadena.

The lengths of the respective schedules and the sizes of pipe required are as follows:

SCHEDULE 9P OF 9S—1.65 miles, precast 9-ft. 8-in., steel 10-ft. 3-in.

SCHEDULE 10P—1.99 miles, precast 9-ft. 8-in.

SCHEDULE 11P—0.78 mile, precast 9-ft. 8-in.

Award will not be made for less than all the items in a schedule. Schedules 9P and 9S are alternative and both will not be awarded. A bid on either Schedule 10P or 11P will not be considered unless the bidder submits a proposal for both of said schedules; and an award if made thereunder will not be made for less than both of said schedules in a single contract. Each proposal must be accompanied by a certified or cashier's check for an amount not less than 10% of the maximum amount of work included in the proposal. F. W. Weymouth, General Manager and Chief Engineer.

The items are:

SCHEDULE 9P

Schedule of prices for the construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 2801 plus 87 and 2887 plus 00. Pipe diameter 9 ft. 8 in.; length 8697 ft.

NOTE:—Schedules 9P and 9S are alternative and both will not be awarded.

(1) 48,000 cu. yds. excavation for pipe—vertical trench;
(2) 56,000 cu. yds. excavation for pipe—side slope trench;
(3) 600 cu. yds. excav. for structures
(4) 67,000 cu. yds. backfill;
(5) 300 cu. yds. concrete in structures—reinf.;
(6) 50 cu. yds. concrete in structures —plain;
(7) 350 cu. yds. concrete in anchors;
(8) 4600 cu. yds. concrete in cradle;
(9) 8686 lin. ft. precast concrete pipe 9 ft. 8 in. diam.;
(10) and (11) Do not apply here;
(12) 29 lin. ft. special cast-in-place concrete pipe in manhole and blow-off structures;
(13) 2,930,000 lbs. furnishing and placing reinf. steel in concrete pipe;
(14) to (17) Do not apply here;

Furnishing and placing steel cylinder reinforcement of the following gauge or thickness:

(18) 480 lin. ft. 12-gauge;
(19) 1615 lin. ft. 11-gauge;
(20) 730 lin. ft. 10-gauge;
(21) 430 lin. ft. 9-gauge;
(22) 810 lin. ft. 8-gauge;

THICKNESS:

(23) 1129 lin. ft. 3/16-in. thickness;
(24) 720 lin. ft 13/64-in. thickness;
(25) 615 lin. ft. 7/32-in. thickness;
(26) 480 lin. ft. 15/64-in. thickness;
(27) 420 lin. ft. ¼-in. thickness;
(28) 680 lin. ft. 17/64-in. thickness;
(29) and (30) Do not apply here;
(31) 11 lin. ft. 9/16-in. thickness;
(32) 9 lin. ft. 11/16-in. thickness;
(33) 52,000 lbs. placing reinforcement steel in structures;
(34) to (41) Do not apply here;
(42) 3000 lbs. furnishing and installing thimbles for connections to concrete pipe;
(43) and (44) Do not apply here;
(45) 45,000 lbs. installing miscellaneous metal;
(46) and (47) Do not apply here;
(48) 100 lin. ft. installing 6-in. diam. concrete pipe;
(49) Does not apply here;
(50) 110 lin. ft. installing 20-in. diam. cast iron pipe in trench;
(51) Does not apply here;
(52) 20 cu. yds. rock riprap;
(53) 100 ton-miles hauling steel;
(54) 1500 ton-miles hauling cement;

SCHEDULE 9S

Schedule of prices for the construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 2801 plus 87 and 2887 plus 00. Pipe diameter 10 ft. 3 in.; length 8967 ft.

NOTE:—Schedules 9S and 9P are alternative and both will not be awarded.

(1) 44,000 cu. yds. excavation for pipe—vertical trench;
(2) 49,000 cu. yds. excavation for pipe side slope trench;
(3) 600 cu. yds. excavation for structures;
(4) 65,000 cu. yds. backfill;
(5) 430 cu. yds. concrete in structures—reinf.;
(6) 50 cu. yds. concrete in structures plain;
(7) 400 cu. yds. concrete in anchors;
(8) to (11) Do not apply here;
(12) 20 lin. ft. special cast-in-place concrete pipe in manhole and blow-off structures;
(13) 6000 lbs. furnishing and placing reinforcement steel in concrete pipe;
(14) to (26) Do not apply here;
(27) 10 lin. ft. furnish and place ¼-in. plate steel cylinder reinforcement;
(28) to (30) Do not apply here;
(31) 11 lin. ft. furnish and place 9/16 in. plate steel cylinder;
(32) Does not apply here;
(33) 77,000 lbs. placing reinforcement steel in structures;

Furnishing and installing 10 ft. 3 in. diam. plate steel pipe of the following thicknesses:

(34) 409 lin. ft. ½-in. thickness;
(35) 1956 lin. ft. 17/32-in. thickness;
(36) 984 lin. ft. 9/16-in. thickness;
(37) 50 lin. ft. 19/32-in. thickness;
(38) 3206 lin. ft. ⅝-in. thickness;
(39) 957 lin. ft. 21/32-in. thickness;
(40) 420 lin. ft. 11/16-in. thickness;
(40A) 355 lin. ft. 23/32-in. thickness;
(41) 358 lin. ft. ¾-in. thickness;
(42) Does not apply here;
(43) 3500 lbs. furnish and install manhole saddles and covers;
(44) 2500 lbs. furnish and install saddles for blow-offs and air valves
(45) 69,000 lbs. installing miscellaneous metal;
(46) Does not apply here;
(47) 300 lin. ft. install 8-in. diam. concrete pipe;
(48) 100 lin. ft. install 6-in. diam. concrete pipe;
(49) Does not apply here;
(50) 110 lin. ft. install 20-in. diam. cast iron pipe in trench;
(51) Does not apply here;
(52) 20 cu. yds. rock riprap;
(53) 100 ton-miles hauling steel;
(54) 500 ton-miles hauling cement;

SCHEDULE 10P

Schedule prices for the construction of pre-cast concrete pipe for the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 2954 plus 00 and 3061 plus 00. Pipe diameter 9 ft. 8 in.; length 10,517 ft.

NOTE:—A bid on either Schedule 10P or 11P will not be considered unless the bidder submits a proposal on both said schedules; and an award, if made thereunder, will not be made for less than both of said schedules in a single contract.

(1) 32,000 cu. yds. excavation for pipe—vertical trench;
(2) 112,000 cu. yds. excavation for pipe—side slope trench;
(3) 500 cu. yds. excavation for structures;
(4) 101,000 cu. yds. backfill;
(5) 250 cu. yds. concrete in structures—reinforced;
(6) 50 cu. yds. concrete in structures plain;
(7) 130 cu. yds. concrete in anchors;
(8) 4000 cu. yds. concrete in cradle;
(9) 10,111 lin. ft. precast concrete pipe—9 ft. 8 in. diameter;
(10) Does not apply here;
(11) 377 lin. ft. special cast-in-place concrete pipe—9 ft. 8-in. diam.;
(12) 38 lin. ft. special cast-in-place concrete pipe in manhole and blow-off structures;
(13) 2,800,000 lbs. furnish and place reinforcement steel in concrete pipe;
(14) to (17) Do not apply here;

Furnishing and placing steel cylinder reinforcement to the following gauge or thickness:

(18) 4820 lin. ft. 12-gauge;
(19) 2110 lin. ft. 11-gauge;
(20) 1570 lin. ft. 10-gauge;
(21) 1320 lin. ft. 9-gauge;
(22) to (26) Do not apply here;
(27) 10 lin. ft. ¼-in. thickness;
(28) Does not apply here;
(29) 10 lin. ft. 9/32-in. thickness;
(30) 9 lin. ft. ⅜-in. thickness;
(31) and (32) Do not apply here;
(39) 35,000 lbs. placing reinforcement steel in structures;
(34) to (41) Do not apply here;
(42) 3000 lbs. furnishing and installing thimbles for connections to concrete pipe;
(43) and (44) Do not apply here;
(45) 12,000 lbs. installing miscellaneous metal;
(46) and (47) Do not apply here;
(48) 100 lin. ft. installing 6-in. diam. concrete pipe;
(49) 95 lin. ft. installing 30-in. diam. concrete pipe in trench;
(50) Does not apply here;
(51) 60 lin. ft. installing composite blow-off pipe under P. E. Ry. tracks by jacking method;
(52) 20 cu. yds. rock riprap;
(53) 100 ton-miles hauling steel;
(54) 7500 ton-miles hauling cement;

SCHEDULE 11P

Schedule of prices for the construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct Distribution system bet. Stations 3238 plus 54 and 3278 plus 78. Pipe diameter 9 ft. 8 in.; length 4105 feet.

NOTE:—A bid on either Schedule 11P or 10P will not be considered unless the bidder submits a proposal on both said schedules; and an award, if made thereunder, will not be made for less than both said schedules in a single contract.

(1) 15,000 cu. yds. excavation for pipe—vertical trench;
(2) 52,000 cu. yds. excavation for pipe—side slope trench;
(3) 4000 cu. yds. excav. for structures;
(4) 48,000 cu. yds backfill;
(5) 1000 cu. yds. concrete in structures—reinforced;
(6) 150 cu. yds. concrete in structures—plain;
(7) 510 cu. yds. concrete in anchors;
(8) 2700 cu. yds. concrete in cradle;
(9) 3760 lin. ft. precast concrete pipe 9 ft. 8 in. diameter;
(10) 1369 lin. ft. precast concrete pipe 5 ft. 3 in. diameter;
(11) 301 lin. ft. special cast-in-place concrete pipe—9 ft. 8 -in. diam.
(12) 11 lin. ft. special cast-in-place concrete pipe in manhole and blow-off structures;
(13) 1,300,000 lbs. furnish and place reinforcement steel in concrete pipe;
(14 to (17) Do not apply here;

Furnishing and placing steel cylinder reinforcement of the following gauge or thickness:

(18) 1130 lin. ft. 12-gauge;
(19) 1050 lin. ft. 11-gauge;
(20) 1160 lin. ft. 10-gauge;
(21) 190 lin. ft. 9-gauge;
(22) Does not apply here;
(23) 300 lin. ft. 3/16-in. gauge;
(24) to (26) Does not apply here;
(27) 11 lin. ft. ¼-in. gauge;
(28) to (32) Do not apply here;
(33) 135,000 lbs. structures;
(34) to (41) Do not apply here;
(42) 1500 lbs. furnish and install thimbles for connections to concrete pipe;
(43) and (44) Do not apply here;
(45) 23,000 lbs. install miscellaneous metal;
(46) 260 lin. ft. install 15-in. diameter concrete pipe;
(47) Does not apply here;
(48) 100 lin. ft. install 6-in. diameter concrete pipe;
(49) to (51) Do not apply here;
(52) 20 cu. yds. rock riprap;
(53) 100 ton-miles hauling steel;
(54) 1500 ton-miles hauling cement.

32—SEWERS & SEWAGE DISPOSAL PLANTS

HEARING POSTPONED

SUNSET BEACH, Orange Co., Cal.—Hearing on the injunction to restrain the Sunset Beach Sanitary District from constructing a sanitary sewer system has been postponed until July 10. The hearing will be held in the Superior Court at Santa Ana. Opening of the bids, tentatively set for July 6, was also postponed until after the hearing. The injunction was asked by owners of property fronting on the ocean, who claim that the beach will be damaged by the ocean outfall.

*

CONTRACT AWARDED

REDDING, Shasta Co., Cal.—John F. White, 3214 E 12th St., Oakland, at $20,935 submitted low bid and awarded contract by the Redding City Council for construction of sewer laterals and manholes in the Dakin Addition.

The work involves:

(1) 12,000 feet 6-in. dia. vitrified clay pipe sewer;
(2) Alt., 12,000 ft. 6-in. dia. machine made cement concrete sewer pipe
(3) 43 brick manholes with cast iron rings and covers, average depth 5.5 feet.

Complete bids follow:

John F. White, Oakland: (1) $20,935; (1-Alt.) $20,935.

Howard Shoemaker, Oakland: (1) no bid; (1-Alt.) $21,990.

Oakland Sewer Const. Co., Oakland: (1) $22,488; (1-Alt.) $22,488.

Underground Const. Co., San Francisco: (1) $23,988; (1-Alt.) no bid.

W. J. Tobin, Oakland: (1) $25,290; (1-Alt.) no bid.

W. K. Adams, City Engineer.

BIDS OPENED

SAN FRANCISCO.—Healy-Tibbitts Const. Co., 64 Pine St., at $88,725 submitted low bid to the Department of Public Works, City Hall, for extension of the Alemany Sewer along Selby Street between Galvez and Hudson Streets, Section D-1, Contract No. 2, a PWA project.

The work involves:

(1) 225 l.f. 2-compartment, 8 ft. 6 in. by 11 ft. reinf. concrete sewer;
(2) 125 l.f. 3-compartment 7 ft. 6 in. by 10 ft. reinf. concrete sewer;
(3) 2 manholes;
(4) Reinforced concrete taper connection;
(5) 400 l.f. 12-inch VCP under-drain, concrete covered or imbedded in broken rock;
(6) 102,700 l.f. piles;
(7) Wood connection reinf. concrete sewer to existing wood box sewer.

Total bids follow:

(A) Healy-Tibbitts Const. Co., S. F., $88,725.
(B) MacDonald & Kahn Co., Ltd., San Francisco, $99,730.
(C) M. B. McGowan, Inc., San Francisco, $104,200.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 98.00	$169.00	$175.00
(2)	216.00	200.00	200.00
(3)	60.00	100.00	100.00
(4)	4725.00	4000.00	6000.00
(5)	1.70	1.90	2.50
(6)	.30	.25	.25
(7)	400.00	1000.00	1700.00

CONTRACT AWARDED

LOS ANGELES, Cal.—V C K Const. Co., 5629 Via Corona, at $45,587.97

awarded contract by the Los Angeles board of public works for construction of sewers in Redwood Ave., between southerly line of Lucille Avenue and northwesterly line of first alley northwest of Venice Blvd. (known as the Centinela Ave. and Venice Blvd. Sewer District) under the 1911 Act.

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal.—The PWA has approved award of a contract by the Stockton City Council to M. J. B. Constr. Co., 319 Elks Bldg., Stockton, at $136,910 (Items II and IV) for construction of extensions to the north and south sew disposal plants, omitting the detritor and appurtenant channels.

33— WATER WORKS

ENGINEER APPOINTED

NORTH SACRAMENTO, Cal.—F. H. Reynolds, 703 Forum Bldg., Sacramento, has been commissioned by North Sacramento City Council to prepare plans for a municipal water system. The city is working out plans for joining with the Hagginwood Improvement Club to form a water district.

BIDS OPENED

SAN FRANCISCO.—Chas. L. Harney, Call Bldg., at $4,810 on Alt. "A" and at $3,302 on Alt. "B" submitted low bids to the Public Utilities Commission, City Hall, under Spec. No. W. D. 115, for the relocation of a 20-inch steel feeder main in Sloat Blvd. from 23rd to 24th Avenues.

The work involves:

ALT. "A" (Replacing with new pipe)

(1) 480 l.f. fabrication, etc., 20-inch steel pipe;
(2) 6 roundabout seams, fabrication of bends, 20-inch pipe;
(3) 480 l.f. excavation and backfill, normal trench, 20-inch pipe;
(4) 50 c.y. additional excavation and backfill for trench below grade;
(5) 480 l.f. installation of 20-in. steel pipe;
(6) 1200 s.f. repavement;

ALT. "B" (Lowering existing pipe)

(7) 4 roundabout seams, fabrication of bends, 20-inch pipe;
(8) 450 l.f. excavation and backfill, normal trench, 20-inch pipe;
(9) 50 c.y. additional excavation and backfill for trench below grade;
(10) 450 l.f. installation of 20-in. steel pipe to be relaid;
(11) 4,000 s.f. repavement.

Complete bids follow:

(A) Charles L. Harney: Alt. A, $4,810; Alt. B, $3,302.
(B) W. J. Tobin, Oakland: Alt. A, $4,890; Alt. B, $4,355.
(C) M. J. Lynch, San Francisco: Alt. A, $5,906; Alt. B, $5,175.
(D) MacDonald & Kahn Co., Ltd., San Francisco: Alt. A, $7,480; Alt. B, $7,480.
(E) Engineer's estimate: Alt. A, $4,470; Alt. B, $4,142.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$4.50	$4.50	$6.00	$4.00	$4.25
(2)	25.00	20.00	15.00	18.00	20.00
(3)	3.00	3.50	3.00	9.00	2.25
(4)	2.00	3.00	4.00	2.00	3.00
(5)	1.25	1.00	2.00	1.75	1.00
(6)	.30	.25	.28	.16	.50
(7)	25.00	20.00	30.00	18.00	20.00
(8)	3.50	5.00	4.80	11.54	3.25
(9)	2.00	3.00	4.00	2.00	3.00
(10)	1.50	1.50	3.50	3.30	1.00
(11)	.213	.30	.28	.1575	.50

34 — PARKS AND PLAY-GROUNDS

BIDS WANTED

PUYALLUP, Wash.—Until July 24, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for seeding and planting at the U. S. Post Office at Puyallup.

Specificationts obtainable from the above office.

BIDS REJECTED

ROSEVILLE, Placer Co., Cal.—All bids received by the Custodian, U. S. post office, Roseville, for furnishing and installing a lawn sprinkling system at the post office in Roseville have been rejected.

CONTRACT AWARDED

BELL LOS ANGELES Co., Calif.—Peterson Bros., Inglewood, at $1,132 awarded contract by Treasury Dept., Washington, D. C., for installation of a lawn sprinkler system at the Bell post office

BIDS WANTED

CLAREMONT, Los Angeles Co., Cal.—Until July 22, 10 A. M., bids will be received by the Procurement Division of Public Works Branch, Washington, D. C., for seeding and planting at the U. S. Post Office, Claremont.

Specifications obtainable from the above office.

BIDS WANTED

LOS ANGELES, Cal.—Until July 20, 2:30 P. M., bids will be received by Veterans Administration Facility, Los Angeles, for constructing fence and gates at the Veterans' Administration Facility, Los Angeles.

Work includes chain link fence and service gate, wrought iron gates and concrete pylons, etc. Plans and specifications may be obtained from above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto.

BOND ELECTION

RENO, Nevada—A proposal to issue $75,000 in bonds to finance construction of a swimming pool in Idlewild Park will be placed on the August 18 ballot.

BIDS WANTED

SAWTELLE, Los Angeles Co., Cal.—Until July 20, 2:30 P. M., bids will be received by Manager, Veterans' Administration Facility, Los Angeles, for constructing chain link fence and service gate, wrought iron gates and concrete pylons at the Veterans' Administration Facility, Los Angeles (Sawtelle). Plans and specifications may be obtained at Sawtelle; no deposit required. Guaranty bond, certified check or United States bonds in the sum of 25% must accompany each bid.

BIDS WANTED

SAN FRANCISCO.—Until July 29, 2 P. M., bids will be received by the Department of Public Works, San Francisco-Oakland Bay Bridge Commission, Room 811, 500 Sansome St., San Francisco, for furnishing and installing one automatic sprinkler system in Harbor Piers 24 and 26.

Specifications obtainable from above office on deposit of $50, of which $40 is returnable.

BIDS WANTED

SAN FRANCISCO.—Until July 22, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for fencing at George Washington School, Geary Blvd., Balboa St., 30th and 32nd Aves. Estimated cost, $3,200. Spec. No. 4335.

Fabric to be No. 9 gauge, 2-inch mesh copper bearing steel chain in 6 ft. lengths, posts to be 2-in. H column type, corner posts to be 3-in. outside diameter; top rail, 5.8-in. outside dia.

Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall.

35— TUNNELS

BIDS OPENED

SAN FRANCISCO — Superior Tile Co., 3743 Broadway, Oakland, at $55,113.87 submitted low bid to the Department of Public Works, San Francisco-Oakland Bay Bridge Division, 500 Sansome St., San Francisco, for construction of the tile lining of the 540 ft. Yerba Buena tunnel of the San Francisco-Oakland Bay crossing.

The work involves:

(1) 50,540 sq. ft. sand blasting;
(2) 50,540 sq. ft. standard grade, non-vitreous tile of domestic manufacture.

Complete bids follow:

Superior Tile Co., Oakland: (1) $0.0605 (2) $1.03; total, $55,113.87.
Mallot & Peterson, San Francisco: (1) $0.0504; (2) $1.097; total, $57,989.60
American Art Tile Co. and Rigney Tile Co., Oakland; (1) $0.05; (2) $1.12; total, $59,131.80.
Art Tile & Mantel Co., San Francisco. (1) $0.05; (2) $1.21; total, $63,680.40.
Donlon-Fratessa, San Francisco: (1) $0.05; (2) $1.23; total, $64,691.20.

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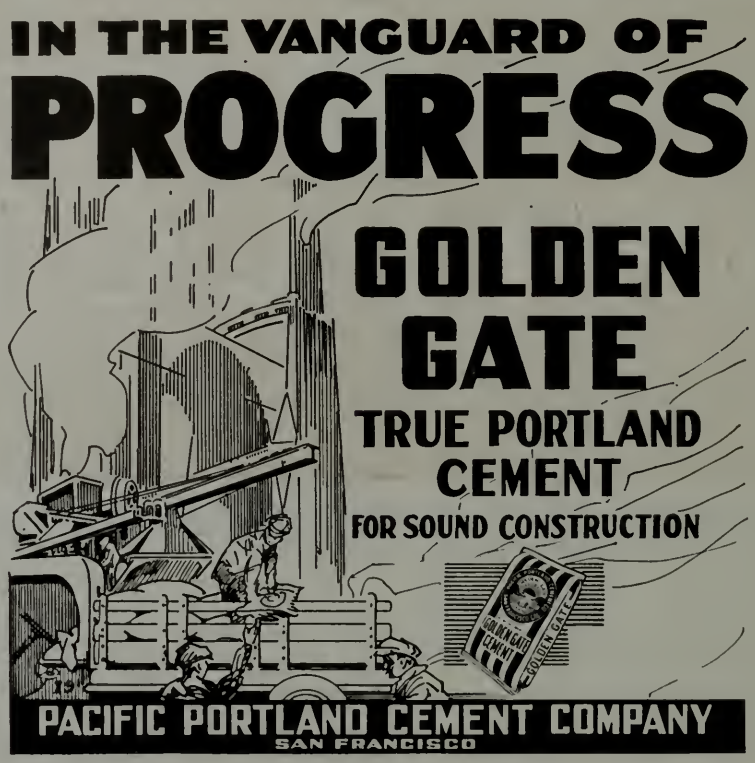

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WATER DISTRICT INVITES BIDS ON LAST CONTRACTS

Canal And Road Construction To Complete Conservation Project

Two contracts which virtually will complete the construction program undertaken by the Santa Clara Valley Water Conservation District were advertised yesterday for bids to be opened July 30 in San Jose. The work to be done is the construction of Coyote Canal and a two-mile section of road on the easterly side of Calero Reservoir.

Proceeds from a recently authorized bond issue of $400,000 and the remainder of a PWA grant toward the $2,500,000 water conservation project will be used to finance the contracts. A portion of the bond money also is being used to complete Coyote Dam. Work on this structure will be resumed immediately by Macco Construction Company. The job was shut down last winter in order to utilize the reservoir for storage of flood waters from last season's run-off.

Fred H. Tibbetts, San Francisco, is chief engineer for the district.

Principal construction items on the Coyote Canal include: 166,000 cubic yards of excavation, 20,700 square feet concrete canal lining; 19 concrete bridges.

In the road construction contract principal items are: 140,000 cubic yards roadway excavation; 5,300 cubic yards gravel surfacing; 45,000 cubic yards levee embankment.

SANTA CLARA PAY CHANGE PROPOSED

Changes in the prevailing wage scale affecting five crafts are requested by F. G. Volkers, executive secretary of Building Trades Council of Santa Clara County, in a communication to the county supervisors.

Volkers requested the board to adopt the following hourly scale: painters, $1.14½; laborers, $.62½; structural iron workers, $1.50; plasterers, $1.50, and reinforcing iron workers, $1.25.

Supervisors Order Ballot August 25 On Building Bonds

San Francisco supervisors have approved a resolution submitting a bond issue of $3,220,000 at the August 25th election with which to finance construction of a new courts building in the Civic Center group.

The bonds will not be sold unless the city is successful in an application for PWA aid toward financing.

The new building would provide quarters for the superior and municipal courts, the county clerk, clerk of the municipal court and miscellaneous offices. The courts now occupy the fourth floor of the City Hall and space in the Hall of Justice.

Board to Review Fraud Charges on Federal Contracts

Public Works Administrator Ickes has created an advisory board to consider charges against contractors against whom evidence has been received indicating fraud or attempted fraud in connection with bids or contracts.

The contractor will be notified of the charges, and may file a rebuttal. If he fails to do so within fifteen days, Administrator Ickes will decide. on the basis of the evidence at hand, whether to bar the contractor from bidding on PWA projects for a reasonable period. If the contractor desires to answer the charges, the new board will conduct a hearing and recommend to the administrator whether the contractor should be barred from future bidding and, if so, for how long.

The provision for a hearing is more liberal than previous practice, as several instances have been brought to the attention of the Associated General Contractors in which, it is claimed, contractors have been barred from bidding, without a hearing.

BOARD ADVISES 6-HOUR DAY BE ABANDONED

Civil Service Commission Report Sent To San Francisco Supervisors

Approval of the eight-hour day for labor employed by private contractors on public works was given yesterday by the San Francisco Civil Service Commission. The recommendation that the ordinance regulating contract working conditions be so amended will be forwarded to the board of supervisors.

The commission recommendation holds, however, to the 130-hour monthly limit for total hours worked, providing that the city will extend this limitation on contracts involving PWA money when the hourly limit is raised by PWA. Contractors who have requested abandonment of the six-hour day due to the current shortage of skilled labor regard this provision as paving the way for an extension of working hours where essential.

Work particularly affected at present is the 1939 Exposition building program, the permanent units of which are financed in part with PWA money. The contracts are being handled by the city, although the Exposition Corporation supplies the balance of the funds.

SAN CARLOS PERMITS FIRST HALF $281,000

Building Inspector O. W. Stewart of San Carlos reports permits issued in the first six months of 1936 valued at $281,841, compared with a total of $118,000 for the entire year of 1935.

The city building department has issued permits for 55 dwellings to cost $250,441.

S. F. CONTRACTOR TO START WORK ON BARTLETT DAM

Barrett & Hilp & Macco Corp. Awarded $2,228,000 Contract

Barrett & Hilp, Inc., of San Francisco, and Macco Corporation of Clearwater are preparing to start work immediately on a contract awarded last week by the U. S. Bureau of Reclamation for constructing Bartlett Dam on the Verde River in Arizona. The joint bid of the two firms on which the award is made was $2,228,272. It was the lowest of eight received in Phoenix May 16.

The contract will be handled from the Clearwater offices of the contractors at 918 Paramount Boulevard. William McKinley, who was superintendent on the contract just completed on a section of the Colorado River Aqueduct, will run the Bartlett Dam job. Time allowed for completion of the dam is 1,000 days.

The Bureau of Reclamation has assigned Robert F. Herdman as resident engineer on the contract. Mr. Herdman formerly was with the engineering staff of the Byllesby Corporation in Chicago.

Barlett dam will be the highest multiple arch structure in the world. It will serve the Salt River Federal Reclamation Project thru storing 200,000 acre-feet of water to supplement the supply of project and Indian lands.

Bartlett dam will be 270 ft. high, 14 feet higher than the Lake Pleasant dam on the Agua Fria River, also in Arizona, which is at present the highest multiple arch dam. Outside the United States the 239-foot Tirso dam in Italy is the highest of this type of construction.

The dam will have a crest length of 750 feet. It will have ten reinforced concrete arches, supported by nine hollow reinforced concrete buttresses spaced 60 feet apart. It will have a short gravity section at each abutment.

A concrete - lined, open - channel spillway controlled by three 50- by 50-foot gates will be located in the right abutment. The outlet wroks will pass through one of the arches. Among the principal items of work involved in construction of the dam are the following: 337,000 cubic yards of excavation; placement of 163,000 cubic yards of concrete; installation of 9,200,000 lbs. of gates and hoists, valves, trashracks, pipes, reinforcement bars and miscellaneous metalwork.

Approximately 6,300 acres of land allocated to Indian so nthe Salt River Indian Reservation will receive water from the reservoir to be created by Bartlett Dam. Otherwise, the water will be used on lands already within the Salt River Project.

STATE BOARDS MEET IN S. F.

Meetings of the State Contractors' License Board and the Structural Pest Control Board are scheduled for San Francisco next week. The pest control board will meet here Monday and Tuesday to conduct examinations for applicants seeking state licenses to engage in termite eradication and other forms of pest control operations. Members of the board are: M. J. Jorgenson, Glendale (chairman) Charles S. Menard, San Francisco; David H. Merrill, Los Angeles; Wilbur Smith, Pasadena; Walter Trepte, San Diego. Glen Slater is secretary.

The contractors' board will meet probably Friday and Saturday for its first session in San Francisco. Although no announcement has been made as to business to be transacted it is expected further consideration will be given the draft of rules and regulations for administration of the bureau. The board members are Warren A. Bechtel, Jr., San Francisco (chairman); Ralph E. Homann, Los Angeles; S. G. Johnson, Oakland; Roy M. Butcher, San Jose; Hugh W. McNulty, Fresno; William Nies, Los Angeles; Stephen L. Ford, Long Beach.

Sessions of both boards will be in the assembly room at the offices of the State Department of Professional and Vocational Standards, 450 McAllister St.

Oakland Amends Pest Control Regulatory Act

Oakland City Council has passed amendments to the municipal ordinance regulating structural pest control operations to provide that certificates issued by the State Structural Pest Control Board will be accepted in lieu of the licensing examination provided by the city ordinance and changing the fee for pest control work permits.

The amended ordinance provides: "The Building Inspector may accept a Class A, Class B or Class D certificate issued upon examination by the Structural Pest Control Board of the Department of Professional and Vocational Standards of the State of California as evidence of the qualifications of the applicant and grant a certificate to the applicant without further examination." In the event such a state certificate is presented the $10 examination fee is waived.

The fee for structural pest control permits is increased from $1 to $2, the amount being in addition to all building permit fees that may be required on the same job.

BIDS SEPT. 30 ON $10,000,000 NAVY DRY DOCK

Bay District Yards Expected To Construct Ship Facility

The Navy Bureau of Yards and Docks yesterday announced Sept. 30 as the date for opening bids on construction of the $10,000,000 floating dry dock for Pearl Harbor Navy Base. The contract must go to a Pacific Coast ship yard and it is conceded probable that one of the three San Francisco bay ship builders will be the successful bidder.

Bidding will be restricted to western yards because the dimensions of the dry dock prevent its passage through the Panama Canal. It will be 1016 feet long and 165 feet in width.

Detailed description of the structure are withheld by the Navy and the Twelfth Naval District offices have not been supplied with a set of the plans. It is understood the entire contract will be handled from Washington. Plans are issued on a deposit of $1,000. Bidding information will be issued only to responsible general contractors. Prospective bidders on subcontracts will be required to obtain their information from, and to inspect plans and specifications in the custody of these general contractors. A list of general contractors will be maintained on file at the Bureau of Yards and Docks in Washington and may be consulted by prospective bidders on sub-contracts.

San Francisco yards of Bethlehem Shipbuilding Corp., Moore Dry Dock and General Engineering and Dry Dock Corp. are considered to have the advantage in bidding due to proximity to Pearl Harbor and because of superior facilities. It is understood, however, that a bid may be entered from Los Angeles by the Los Angeles Shipbuilding and Dry Dock Company or a combination of southern contract is obtained by Bethlehem the work would be done in the San Francisco plant.

Puget Sound yards, while having facilities to handle the contract, will be at a disadvantage in competition due to the increased towing distance.

Towing of the completed dock to its home port, 2000 miles across the Pacific, may be included in the award or the dry dock may be accepted after testing on the coast and towed to Hawaii by the Navy.

Orders for 3,341 steel boilers for the first five months of 1936 show a substantial increase over last year's figure of 2,449 for the same period, and more than doubles 1934's total of $1,439.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1404	Anza	Rousseau	4000
1405	Dalbesio	Valente	9600
1406	West	Owner	3000
1407	Meyer	Owner	4000
1408	Reger	Owner	3500
1409	Harrison	Atlas	4000
1410	Harrison	Atlas	4000
1411	Harrison	Atlas	3750
1412	Harrison	Atlas	3750
1413	Golden	Young	3000
1414	Golden	Young	3000
1415	Golden	Golden	3000
1416	Golden	Young	3000
1417	Golden	Young	3000
1418	Golden	Young	3000
1419	Golden	Young	3000
1420	Golden	Young	3000
1421	Golden	Young	3000
1422	Golden	Young	3000
1423	Golden	Young	3000
1424	Golden	Young	3000
1425	Golden	Young	3000
1426	Golden	Young	3000
1427	Standard	Owner	3500
1428	Standard	Owner	3500
1429	Standard	Owner	3500
1430	Arrigotti	Lind	1340
1431	Biagi	Faggioni	4000
1432	Color	Vukicevich	9000
1433	Bass	Miller	1000
1434	Stoneson	Owner	4500
1435	Anza	Rousseu	4000
1436	Olympic	Lindgren	15000
1437	Blaustein	Owner	10000
1438	Nelson	Owner	1000
1439	Gilmore	Gettins	1500
1440	Casey	Dwan	1750
1441	Oakes	Gettins	4000
1442	Blaustein	Owner	10000
1443	Thorinson	Owner	3500
1444	Thorinson	Owner	3500
1445	Thorinson	Owner	3500
1446	Thorinson	Owner	3500
1447	Thorinson	Owner	3500
1448	Standard	Owner	3500
1449	Anderson	Owner	4000
1450	Kurich	Kurich	5750
1451	Kurich	Kurich	6000
1452	Sprague	Nelson	7000
1453	Scott	Owner	5000
1454	Rothschild	Akard	1500
1455	Lebman	Owner	6500
1456	Llebman	Owner	6500
1457	Milonas	——	22500
1458	Sanfilippo	Rousseau	8000
1459	Meddis	Gray	12000

DWELLING
?1404) N GRANDVIEW ST. 160 NW Romain St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco. $4000

FLATS
(1405) W DIVISADERO ST. 75 S Bay St. Two-story and basement frame flats.
Owner—John B. Dalbesio, 3459 Divisadero St., San Francisco.
Architect—George H. Wiemeyer, 605 Market St., San Francisco.
Contractor—M. E. Valente, 5118 Clarke St., Oakland.

ALTERATIONS
(1406) NO. 246-56 MISSION ST. Alter store.
Owner—A. West, 137 9th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(1407) SE JUANITA WAY 85 SW Fowler Ave. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola.
Architect—Not Given. $4000

DWELLING
(1408) W TWENTY-FOURTH AVE. 125 S Lincoln Way. One-story and basement frame dwelling.
Owner—Chas. N. Reger, 2433 Irving St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1409) N ESCALTO WAY 113 E 33rd Ave. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Atlas Home Bldg. Co., 9 Sutter St., San Francisco. $4000

DWELLING
(1410) N ESCALTO WAY 88 E 33rd Ave. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Atlas Home Bldg. Co., 9 Sutter St., San Francisco. $4000

DWELLING
(1411) N ESCALTO WAY 138 E 33rd Ave. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Atlas Home Bldg. Co., 9 Sutter St., San Francisco. $3750

DWELLING
(1412) N ESCALTO WAY 163 E 33rd Ave. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Atlas Home Bldg. Co., 9 Sutter St., San Francisco. $3750

DWELLING
(1413) E THIRTY-THIRD AVE. 250 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1414) E THIRTY-THIRD AVE. 275 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1415) E THIRTY-THIRD AVE. 75 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francsico.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1116) E THIRTY-THIRD AVE. 175 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

(1117) E THIRTY-EIGHTH AVE. 150 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1118) E THIRTY-THIRD AVE. 200 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1419) E THIRTY-THIRD AVE. 225 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1420) E THIRTY-THIRD AVE. 25 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1121) E THIRTY-THIRD AVE. 100 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1422) E THIRTY-THIRD AVE. 350 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francsico.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1423) E THIRTY-THIRD AVE. 325 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000
Ave., San Francisco.

DWELLING
(1121) E THIRTY-THIRD AVE. 50 N Rivera St. One-story and base-

ment frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1425) E THIRTY-THIRD AVE. 125 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1426) E THIRTY-THIRD AVE. 300 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3000

DWELLING
(1427) E FORTY-FOURTH AVE. 350 S Kirkham St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1428) E FORTY-FOURTH AVE. 275 S Kirkham St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1435) W GRANDVIEW AVE. 95 NW Romain St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., S. F. $4000

DWELLING
(1429) E FORTY-FOURTH AVE. 325 S Kirkham St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Kearny St., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(1430) NO. 1400 SHAFTER STREET. Alter dwelling.
Owner—A. Arrigotti, Premises.
Architect—Not Given.
Contractor—Roy Lind, 54 Stanton St., San Francisco. $1340

DWELLING
(1431) N KEY AVE. 200 E Jennings St. One-story frame dwelling.
Owner—Gino Biagi, 962 Key St., San Francisco.
Architect—Not Given.
Contractor—Faggioni & Barsotti, 1567 Revere Ave., San Francisco. $4000

FACTORY
(1432) E ALABAMA ST. 88 S Mariposa St. One-story frame factory
Owned— Color Craft Corp., 550 Alabama St., San Francisco.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
Contractor — M. E. Vukicevich, 666 Mission St., San Francisco. $9000

ALTERATIONS
(1433) NO. 3156 GOUGH ST. Alter Apartments.
Owner—Geo. Bass, Premises.
Architect—Not Given.
Contractor — Miller & McGillis, 527 19th Ave., San Francisco. $1000

DWELLING
(1434) W JUNIPERO SERRA BLVD. 197 N Ocean Ave. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $4500

ALTERATIONS
(1436) E SKYLINE BLVD. at County Line. Alter club house.
Owner—Olympic Club, 524 Post St., San Francisco.
Architect—D. D. Stone, 381 Bush St., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St. $15,000

FLATS
(1437) S ANZA ST. 75 E 26th Ave. Two-story frame flats.
Owner—Sam Blaustein, 559 21st Ave., San Francisco.
Architect—Not Given. $10,000

ALTERATIONS
(1438) NO. 1102-12 CLAY ST. Alter flats.
Owner—Carolyn Nelson, 608 Commercial St., San Francisco.
Architect—Not Given. $1000

SIGN PANEL
(1439) COR. MISSION AND VALencia Sts. Sign panel.
Owner—Gilmore Oil Co., Third and 18th Sts., San Francisco.
Architect—Not Given.
Contractor — H. T. Gettins Co., 268 13th St., San Francisco. $1500

ALTERATIONS
(1440) NO. 295 SANCHEZ STREET. Alter dwelling.
Owner—Michael Casey, Premises.
Architect—Not Given.
Contractor—J. Dwan & Co., 126 Post St., San Francisco. $1750

STATION
(1441) NW NINTH AND HOWARD Sts. Service station.
Owner—Oakes & Hoyme, Premises.
Architect—Not Given.
Contractor — H. T. Gettins Co., 268 13th St., San Francisco. $4000

FLATS
(1442) S ANZA ST. 110 E Twenty-sixth Ave. Two-story frame flats.
Owner—Sam Blaustein, 559 21st Ave., San Francisco.
Architect—Not Given. $10,000

DWELLING
(1443) S VICENTE ST. 208 W 31st Ave. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1444) S VICENTE ST. 133 W 31st Ave. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1445) S VICENTE ST. 183 W 31st Ave. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1446) S VICENTE ST. 158 W 31st Ave. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1447) S VICENTE ST. 233 W 31st Ave. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1448) E THIRTY-FIRST AVE. 150 S Noriega St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect- Given. $3500

DWELLING
(1449) E THIRTY-SECOND AVE. 125 N Moraga St. One-story and basement frame dwelling.
Owner — Christian Anderson, 146 Granville Way, San Francisco.
Architect—Not Given. $4000

DWELLING
1150) N GREENWICH ST. 25 W Pierce St. Two-story and basement frame dwelling.
Owner—A. C. and C. R. Kurich, 3130 Broderick St., San Francisco.
Architect—Not Given.
Contractor—Jas. Kurich, 650 Brussels St., San Franci sco. $5750

FLATS
(1451) NW PIERCE AND GREENwich Sts. Two-story and basement frame flats.
Owner—A. C. and C. R. Kurich, 3130 Broderick St., San Francisco.
Architect—Not Given.
Contractor—Jas. Kurich, 650 Brussels St., San Francisco. $6000

DWELLING
(1452) W TWENTY-THIRD AVE. 51 N Ocean Ave. Two-story and basement frame dwelling.
Owner—Al. Sprague, 398 West Portal Ave., San Francisco.
Architect—Not Given.
Contractor—Frank F. Nelson, 2 Edgehill Way, San Francisco. $7000

ALTERATIONS
(1453) N NATOMA ST. 75 E Sixth St. Alter stores.
Owner—H. J. Scott Co., 311 Minna St., San Francisco.
Architect—V. S. Persons, Call Bldg., San Francisco. $1500

ALTERATIONS
(1454) NW CLEMENT & EIGHTH Ave. Alter stores.
Owner—S. Rothschild, 3456 Baker St., San Francisco.
Architect—Not Given.
Contractor—W. C. Akard, 225 Cervantes St., San Francisco. $1500

DWELLING
(1455) S MARINA BLVD. 100 W Broderick St. Two-story and basement frame dwelling.
Owner—B. Liebman, 1555 Francisco St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco. $6500

DWELLING
(1456) S MARINA BLVD. 118 W Broderick St. Two-story and basement frame dwelling.
Owner—B. Liebman, 1555 Francisco St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco. $6500

OFFICE
(1457) W FOLSOM ST. 170 N Sixteenth St. One-story Class C office building.
Owner—John R. Milonas, 899 Valencia St., San Francisco.
Architect—Andrew K. Knoll, Hearst Bldg., San Francisco.
Contractor—Not Selected. $22,500

FLATS
(1458) S FILBERT ST. 138 W Mason St. Two-story and basement frame flats.
Owner—Pietro Sanfilippo, 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 351 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., S. F. $8000

FLATS
(1459) S NORTH POINT ST. 125 W Buchanan St. Two-story and basement frame flats.
Owner — Geo. S. Meddis, 1650 North Point St., San Francisco.
Architect—Not Given.
Contractor—H. E. Gray, 1307 Bay St., San Francisco. $12,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1058	Pitchlynn	Owner	1400
1059	McLemore	Kavanagh	1000
1060	Prudential	Owner	1500
1061	Anderson	Owner	4500
1062	Redmon	Owner	1000
1063	Kitt	Melrose	1000
1064	Chevrolet	Owner	3000
1065	Welch	Owner	2750
1066	Hutchinson	Crocker	5000
1067	Johnson	Johnson	4250
1068	Picard	Appelbe	1000
1069	Hutchinson	Fitzmaurice	2000
1070	Brenner	Armstrong	10850
1071	T. & D.	Brumfield	2700
1072	Bakar	Owner	25000
1073	City	Owner	2500
1074	Johnson	Owner	5250
1075	Ingram	Owner	3000
1076	Mohawk	Fisher	8000
1077	Mohawk	Fisher	5000
1078	Fisher	Johnson	5750
1078	Olofson	Stolte	12000
1079	Fair	Stockholm	4500
1080	Starbuck	Courtwright	1000
1081	Smoxirma	Strickland	3000
1082	Schmidt	Stead	4000
1083	Dooley	Owner	3750
1084	Dooley	Owner	4000
1085	McAlister	Owner	1200
1086	Body	Van Ness	2500
1087	Anderson	Sproul	4000
1088	De Fremery	Paige	35000
1089	Playter	Owner	3500
1090	Kennedy	McClung	6200
1091	Moen	Owner	3500
1092	Dore	Owner	1260
1093	Wheeler	Owner	1.
1094	Sorisio	Owner	5350
1095	Scott	Strong	6000
1096	Hawkins	Owner	4500
1097	Shafer	Duncan	1500

ADDITIONS
(1058) 1741 MADERA, BERKELEY. Additions.
Owner and Contractor—Paul Pitchlynn premises.
Architect—Not Given. $1400

GARAGES
(1059) 5958-64 BUENA VISTA AVE., OAKLAND. Two concrete garages.
Owner — Winifred McLemore, 2015 Bancroft Ave., Berkeley.
Architect—Not Given.
Contractor—D. S. Kavanagh, 1729 Francisco St., Berkeley. $500 ea.

ALTERATIONS
(1060) 630 MANDANA BLVD., OAKLAND. Alterations and repairs.
Owner and Contractor—Prudential Insurance Co., 372 17th St., Oakland.
Architect—Not Given. $1500

DWELLING
(1061) 751 WALLA VISTA AVENUE, OAKLAND. One-story six-room dwelling.
Owner and Builder—Chas. Anderson, 4917 Park Blvd., Oakland
Architect—Not Given. $4000

ALTERATIONS
(1062) 628 12th ST., OAKLAND Alterations and repairs.
Owner and Contractor—J. T. Redmon Hotel Sutter, Oakland.
Architect—Not Given. $1,000

REPAIRS
(1063) 327 63rd ST., OAKLAND. Repairs and alterations.
Owner—A. D. Kitt, 327 63rd St., Oakland.
Architect—Not Given.
Contractor—Melrose Bldrs., 1700 47th Ave., Oakland. $1,000

ALTERATIONS
(1064) 10800 EAST 14th ST., OAKLAND. Alterations.
Owner and Contractor—Chevrolet Motor Co., 69th and Foothill Bldv., Oakland.
Architect—Not Given. $3,000

DWELLING
(1065) NO. 1830 103RD AVENUE. **OAKLAND.** One-story five-room dwelling.
Owner—A. C. Welch, 1808 103rd Ave., Oakland.
Architect—Not Given. $2750

DWELLING
(1066) NO. 350 FLORENCE AVE., **OAKLAND.** Two-story six-room dwelling.
Owner—M. O. Hutchinson.
Architect—Not Given.
Contractor—H. L. Crocker, 30 Wilding Lane, Oakland. $5000

DWELLING
)1067) NO. 3473 MOUNTAIN BLVD., **OAKLAND.** One-story six-room dwelling.
Owner—Joel Johnson, 3987 High Ave. Oakland.
Architect—Not Given.
Contractor—O. W. Johnson, 4237 Atlas Ave., Oakland. $4250

ALTERATIONS
(1068) NO. 4166 BROADWAY, **OAKLAND.** Alterations.
Owner—W. H. Picard, 4166 Broadway, Oakland.
Architect—Not Given.
Contractor — T. H. Appelbe, 1067 Walker Ave., Oakland. $1000

GARAGE
(1069) NO. 14 MOSSWOOD AVENUE **BERKELEY.** Private garage.
Owner—J. S. Hutchinson, Premises.
Architect—Not Given.
Contractor—J. H. Fitzmaurice, 2857 Hannah St., Oakland. $2000

DWELLING
(1070) NO. 5 MONTROSE PLACE, **BERKELEY.** Two-story 8-room frame dwelling and garage.
Owner—C. D. Brenner, 1936 El Dorado St., Berkeley.
Architect—J. E. Dinwiddie, 360 Pine St., San Francisco.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $10,850

SIGN
(1071) NO. 411 ELEVENTH AVE., **OAKLAND.** Marquee Sign.
Owner—T. & D. Theatre.
Architect—Not Given.
Contractor—Brumfield Electric Sign Co., 965 Folsom St., San Frtncisco. $2700

APARTMENTS
(1072) NO. 366-68-70-72-74 PERKINS St., **OAKLAND.** Two-story 25-room apartments.
Owner—G. & L. Bakar, Rt. 1 Box 230 Petaluma.
Architect—Edith Northman, 3052 W. Pico St., Los Angeles. $25,000

ALTERATIONS
(1073) NO. 7921 OLIVE ST., **OAKLAND.** Alterations.
Owner—City of Oakland.
Architect—Not Given. $2500

DWELLING
(1074) NO. 456 VAN DYKE AVE., **OAKLAND.** Two-story six-room dwelling an one-story garage.
Owner—Irwin M. Johnson, 2215 7 Ave., Oakland.
Architect—Not Given. $5250

DWELLING
(1075) NO. 50 HERMOSA AVENUE, **OAKLAND.** Two-story five-room dwelling.
Owner — W. S. Ingram, 67 Norman Lane, Oakland.
Architect—Not Given. $3000

STATION
(1076) NO. 636 BROADWAY, **OAKLAND.** One-story steel service station.
Owner—Mohawk Petroleum Co., Financial Center Bldg., S. F.
Architect—D. D. Stone, 381 Bush St., San Francisco.
Contractor — M. Fisher & Son, 1405 Bush St., San Francisco. $8000

STATION
(1077) NO. 636 BROADWAY, **OAKLAND.** One-story steel service station.
Owner—Mohawk Petroleum Co., Financial Center Bldg., S. F.
Architect—D. D. Stone, 318 Bush St., San Francisco.
Contractor — M. Fisher & Son, 1405 Bush St., S. F. $5000

DWELLINGS
(1078) NO. 10300-10314 SUNNYSIDE St., **OAKLAND.** Two one-story five-room dwellings and two one-story garages.
Owner—C. R. Fisher, San Francisco.
Architect—Not Given.
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro. 2625 each

RESIDENCE
(1078) NO. 1 HUNTLEIGH ROAD, **PIEDMONT.** Two-story 9-room residence and garage.
Owner—S. A. Olofson, Central Bank Bldg., Oakland.
Architect — Eldridge Spencer, Claus Spreckels Bldg., San Francisco.
Contractor—F. C. Stolte, 1405 San Antonio Ave., Oakland. $12,000

ALTEARATIONS
(1079) NO. 29 GLEN ALPINE ROAD, **PIEDMONT.** Alterations.
Owner—Mr. and Mrs. Fair, Prem.
Architect—Houghton Sawyer, Howden Bldg., Oakland.
Contractor — Chas. Stockholm, Russ Bldg., San Francisco. $4500

ALTERATIONS
(1080) NO. 284 ALVARADO STREET **BERKELEY.** Alterations.
Owner—F. T. Starbuck, Prem.
Architect—Not Given.
Contractor—T. D. Courtwright, 5098 Manila Ave, Berkeley. $1000

DWELLING
(1081) NO. 2924 SACRAMENTO ST., **BERKELEY.** One-story 3-room store and dwelling.
Owner — J. Smoxima, 1250 Hopkins St., Berkeley.
Architect—Not Given.
Contractor—J. Stricklund, 1250 Hopkins St., Berkeley. $3000

DWELLING
(1082) NO. MUIR WAY, **BERKELEY.** One-story 4-room frame dwelling.
Owner—W. C. Schmidt.
Architect—Not Given.
Contractor—Frank A. Stead, 3206 Boise St., Berkeley.

DWELLING
(1083) NO. 5910 MONZAL AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner — Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given. $3750

DWELLING
(1084) NO. 3534 JORDAN ROAD, **OAKLAND.** One-story five-room dwelling.
Owner — Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given. $4000

ALTERATIONS
(1085) NO. 3300 STUART STREET, **OAKLAND.** Alterations and additions.
Owner—A. L. McAllister, 1402 E-33rd St., Oakland.
Architect—Not Given. $1200

WAREHOUSE
(1086) NO. 945 SIXTY-SIXTH AVE., **OAKLAND.** One-story warehouse
Owner—B. H. Body Co., Premises.
Architect—Not Given.
Contractor—L. E. Van Ness & Son, 4920 Park Blvd., Oakland. $2000

DWELLING
(1087) NO. 4915 COCHRANE ST., **OAKLAND.** Two-story six-room dwelling.
Owner—John J. Anderson, 621 Hillsborough St., Oakland.
Architect—Not Given.
Contractor — Harold R. Sproul, 307 Berkeley Park Blvd., Berkeley. $4000

DWELLING
(1088) NO. 5757 COUNTRY CLUB Drive., **OAKLAND.** Two - story ten-room dwelling.
Owner—Leon F. DeFremery, Chabot Road, Oakland.
Architect—F. Eugene Barton.
Contractor — Harold L. Paige, 5651 Oak Grove Ave., Oakland. $35,000

ALTERATIONS
(1089) NO. 1419 BROADWAY, **OAKLAND.** Alterations.
Owner—Playter Estate, 709 Broadway, Oakland.
Architect—H. A. Minton, San Francisco. $3[illegible]

DWELLING
(1090) NO. 2615 HAVERHILL DRIVE **OAKLAND.** One-story six-room dwelling.
Owner—R. C. Kennedy, 5826 Amy Dr. Oakland.
Architect—Mark Daniels, Mills Bldg., San Francisco.
Contractor—McClung & Stevens Co., 2443 Webster St., Berkeley. $6200

DWELLING
(1091) NO. 3201 WYMAN STREET, **OAKLAND.** One-story five-room dwelling.
Owner—O. L. Moen, 4201 E-16th St., Oakland.
Architect—Not Given. $3500

ADDITION
(1092) NO. 4341 EVERETT AVE., **OAKLAND.** Addition.
Owner—Ray Dare, 4341 Everett Ave., Oakland.
Architect—Not Given. $120[illegible]

SHED
(1093) FOOT OF NINTH STREET, **OAKLAND.** One - story frame storage shed.
Owner—Charles S. Wheeler, 782 Kingston Ave., Piedmont.
Architect—Not Given. $1500

DWELLING
(1094) NO. 4185 WILSHIRE BLVD., **OAKLAND.** Two-story six-room dwelling.
Owner—T. E. Sorisio, 4973 Porter St., Oakland.
Architect—Williams & Wastell, 374 17th St., Oakland. $5350

DWELLING
(1095) 2847 CENTRAL AVE., ALAMEDA. One-story 7-room dwelling.
Owner—Mr. and Mrs. Fred J. Scott, 22 Beach Road, South Alameda.
Architect—Williams & Wastell.
Contractor—Lawrence Strong, 429 Haight Ave., Alameda. $6,000

DWELLING
(1096) 3018 BAYO VISTA AVE., ALAMEDA. One-story 5-room dwelling.
Owner and Builder—F. H. Hawkins, 3028 Thompson Ave., Alameda. $4,500

ALTERATIONS
(1097) 935 LINCOLN AVE., ALAMEDA. Alterations and addition.
Owner—Otto Shafer, premises.
Architect—Not Given.
Contractor—George Duncan, 2523 78th Ave., Oakland. $1,500

DWELLING
(1098) 2954 NORTHWOOD DR., ALAMEDA. Two-story 6-room dwelling.
Owner—Ed Doyle, 1738 Alameda Ave., Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda. $6,000

REPAIRS
(1099) 1853 EIGHTH ST., ALAMEDA. Repair fire loss.
Owner—Chas. Lomba, 1826 Chapin St. Alameda.
Architect—Not Given.
Contractor—W. K. Van Bokkelen, 428 23rd St., Oakland. $1,000

DWELLING
(1100) 1016 GRAND ST., ALAMEDA. Two-story 8-room dwelling.
Owner—J. R. Parkinson, 1435 Harrison St., Oakland.
Architect—Williams & Wastell.
Contractor—H. C. Knight, 1435 Harrison St., Oakland. $10,000

ALTERATIONS
(1101) 1305-07-09-11 PARK ST., ALAMEDA. Alterations to store.
Owner—Mrs. J. Goldbaum, 2133 Santa Clara Ave., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1343 Broadway, Alameda. $1,200

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
71	Dalbesio	Valente	9618
72	Dalbesio	Martinez	320
73	Dalbesio	Ramazzotti	1400

FLATS
(71) SW BAY AND DIVISADERO Sts. All work except electric, plumbing and heating for two-story and basement frame flats.
Owner—John B. Dalbesio, 3459 Divisadero St., San Francisco.
Architect—George H. Wiemeyer, 605 Market St., San Francisco.
Contractor—M. E. Valente, 5118 Clarke St., Oakland.
Filed July 9, '36. Dated July 8, '36.
Rough frame up, roof board-on $2404.50
Rough coat, brick veneer and rooof on 2404.50
When completed 2404.50
Usual 35 days 2404.50
TOTAL COST, $9618.00
Bond, limit, forfeit, none. Plans and specifications filed.

(72) COMPLETE ELECTRIC ON above.
Contractor — Martinez Electric Co., 2173 North Point St., San Francisco.
Filed July 9, '36. Dated July 8, '36.
Roughing in installed $160
When completed 80
Usual 35 days 80
TOTAL COST, $320
Bond, none. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

(73) COMPLETE PLUMBING AND heating system on above.
Contractor—Adriano Ramazzotti, 1374 Vallejo St., San Francisco.
Filed July 9, '36. Dated July 8, '36.
Roughing in installed $700
When completed 350
Usual 35 days 350
TOTAL COST, $1400
Bond, none. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
92	Shell	Lindgren	.....
93	Parkinson	Knight	16300
94	Darneal	Shain	5397

PIPE LINE
(92) KERN COUNTY to Martinez. Installation of pipe line.
Owner—Shell Oil Co., 1008 W 6th St., Los Angeles.
Architect—Not Given.
Contractor—Lindgren and Swinerton, Inc., 225 Bush St., San Francisco.
Filed, July 9, '36. Dated June 30, '36.
Twice a month payments.
Payments 25.8c per l.f.
Line to be approximately 1,600,000 feet in length.
TOTAL COST $ .....
Bond, $309,600. Sureties, J. H. Swinnerton, Herbert Fleishhacker. Limit, 90 days. Plans and Spec. filed.

RESIDENCE
(93) GRAND ST. 80 FT. S San Antonio Ave., Alameda. All work for two-story residence and garage.
Owner—J. Ralph and Iris L. Parkinson, 1826 Pacific St., Alameda.
Architect — William & Wastell, 374 17th St., Oakland.
Contractor — Harry C. Knight, 1435 Harrison St., Oakland.
Filed July 10, '36. Dated May 28, '36.
1st floor joists in place $1000
2nd floor joists in place 2000
Rough wiring inspected 2000
1st coat plaster on 2000
Millwork in place 2000
When completed 1300
Usual 35 days 1000
TOTAL COST, $16,300
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(94) ROCKAWAY LANE, Hayward. All work for residence.
Owner—Mr. & Mrs. Harvey Darneal, 1020 Cotter Way, Hayward.
Architect—Geo. P. Simonds, 80 Main St., Hayward.
Contractor—H. S. Shain, 54 Arlette Ave., Hayward.
Filed July 11' 36. Dated July 9, '36.
5th day after roof completed ..$1349.00
5th day after plastering 1349.00
5th day after completion 1349.00
Usual 35 days 1350.75
TOTAL COST, $5397.75
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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20.—Misc. Supplies &

1— APARTMENTS

Plans Completed
APARTMENTS Cost, $45,000
SAN FRANCISCO, Calif., NE Beach & Webster Street.
Three-story and basement frame and stucco apartment building (15, 3 and 4-room apartments), circulating forced hot water heating system, composition roofing, wood sash, tile baths and kitchens, hardwood floors, etc.
Owner—Martin P. Storheim, 475 Euclid Ave., San Francisco.
Architect and Builder—R. R. Irvine, 3431 Market Street.
Sub-bids will be taken within one week.

Contracts Awarded.
APARTMENTS Cost, $——
SAN FRANCISCO
Three-story frame and stucco apartment building.
Owner—Mr. Gifford.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.
Concrete—Mission Concrete Co., 272 Turk St., San Francisco.

Plans Completed
APARTMENTS Cost, $12,000
SAN FRANCISCO. 22nd Avenue and Vicente Street.
Two-story frame and stucco apartment and store building (four 4-room apartments and two stores) steel sash, tile baths, hardwood floors.
Owner—Land Development Company.
Mgr. of construction—Cyril Doane, 364 Bush Street.
Sub-bids will be taken shortly.

Preparing Sketches.
APARTMENT Cost, $——
SAN FRANCISCO. Marina District.
Three-story and basement frame and stucco apartment building (6 5-room apts.) flat roof, steam heating system, wood sash, hardwood floors, tile baths and showers, etc.
Owner—Withheld.
Mgr. of Constr. — Cyril Doane, 364 Bush St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $25,000
OAKLAND, Alameda Co., Cali. No. 366-374 Perkins Street.
Two-story frame and stucco apartment building (25 rooms).
Owner—G. and L. Bakar, Rt. 1, Box 230, Petaluma.
Architect—Edith Northman, 3052 W. Pico Blvd., Los Angeles.

Contract Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. 1086 Post Street.
Alterations and additions to apartment building (paint interior and exterior, plumbing, heating, refrigeration, etc.)
Owner—Capital Co., 625 Market St.
Plans by Construction Dept. of Owner
Contractor—Langfelder and Schuster, 280 Wawona Street.

3— CHURCHES

Sub-Contracts Awarded
CHAPEL AND TRAINING ROOM Cost, $60,000
SARATOGA, Santa Clara Co., Calif. Bollman Road.
Two-story frame chapel and home for religious training (35 rooms and 12 baths) rigid asbestos roof, exterior plaster, steam heat, oak floors.
Owner—Sisters of Notre Dame de Namur.
Architect—Chas. McKenzie, Twohy Bldg., San Jose.
Contractor — John Schirle, 77 Hollywood Ave., San Jose.
Roofing—California Roofing Co., 72 N. 4th St., San Jose.
Plumbing—Clark & Moscarella, Saratoga.
Electric Wiring—Ted Russell Electric Co., Montgomery Hotel, San Jose.
Heating—A. J. Peters and Son, 455 Washington St., San Jose.
Sheet Metal—Clark & Moscarella, Saratoga.
Tile Work—H. C. Schlosser, 115 Hollywood Ave., San Jose.
Glass—Chase Lumber Co., 547 West Santa Clara St., San Jose.
Iron Grille Work—Otto Helwig.
Brick Work—Frank Filben, 1140 Martin Ave., San Jose.
Lathing and Plastering—Sam Caccamo, 420 Race St., San Jose.
Lumber—Chase Lumber Co., 517 West Santa Clara St., San Jose.
Hardware—San Jose Hardware Co., 62 W. San Fernando, San Jose.
Painting—C. E. Humphrey, 993 Prevost St., San Jose.
Concrete—J. C. Bateman, Rte. 4, Box 55, San Jose.
Flooring—Best Floor Co., 1686 Park St., San Jose.
Structural Steel—Otto Helwig.

4— FACTORIES & WAREHOUSES

Contract Awarded.
ABSORPTION PLANT $100,000
BAKERSFIELD, Kern Co., Calif. Golden State Highway.
Absorption plant (concrete foundations, etc.) capacity for handling 15,000,000 cu. ft. of gas daily.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner, 1008 W. 6th St., Los Angeles.
Contractor — Fluor Oil Corporation, 909 E. 59th St., Los Angeles.

Contract Awarded.
WINERY Cost, $——
LODI, San Joaquin Co., Calif. Cherokee Lane (3 acre site).
Winery (500,000 gallon capacity) galvanized iron construction, concrete foundations, etc.
Owner—Edward L. deRoza and Jose L. deRoza, Jr.
Architect—Not Given.
Contractor—Hieb Bros., 425 N. Sacramento St., Lodi.

Contract Awarded
PLANT Cost, $12,000
SAN FRANCISCO. Alabama & Mariposa Streets.
One-story reinf. concrete dye plant.
Owner—Color Craft Corp., Lt., 550 Alabama St., San Francisco.
Contractor: M. E. Vukicevich, 666 Mission Street.

Contract Awarded.
PACKING PLANT Cost, $10,000
SANTA CRUZ, Santa Cruz Co., Calif. Mission St. near West Cliff Drive Extension.
One-story artichoke packing plant (220x40 feet) six foot platform, etc.
Owner—Union Ice Co., 354 Pine St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—W. W. Williamson, 320 Market St., San Francisco.

BIDS WANTED
EUREKA, Humboldt Co., Cal.—Until July 28, 2 P. M., bids will be received by J. W. Vickrey, District Engineer, 546 Wabash Ave., Eureka, for cleaning and painting the maintenance buildings at Eureka (District 1).
Plans and specifications may be obtained from above office.

Segregated Bids Being Taken.
COMMERCIAL BLDG. Cost, $35,000
SAN FRANCISCO. Folsom Street, between 15th and 16th Sts.
One-story and mezzanine floor steel and sheet metal commercial building (75x245 ft.) sheet metal roof, concrete floors and footings, steel sash, part stucco finish.
Owner—Withheld.
Architect—A. H. Knoll, 1201 Hearst Bldg., San Francisco.

5— FLATS

To Be Done By Day's Work.
FLATS Cost, $7500
STOCKTON, San Joaquin Co., Calif. No. 126-28 E. Cleveland Street.
Two-story rustic flat building.
Owner and Builder—B. G. and O. Belew, 138 E. Cleveland Street, Stockton.
Architect—Not Given.

To Be Done By Day's Work.
FLATS Cost, $12,000 each
SAN FRANCISCO. S Anza St. E Twenty-sixth Avenue.
Two two-story frame and stucco flats
Owner and Builder—Sam Blaustein, 559 21st Ave., San Francisco.
Architect—Not Given.

Contract Awarded
FLATS Cost, $12,000 each
SAN FRANCISCO. N Union Street E Baker Street.
Two 2-story and basement frame and stucco flats (two 6-room and two baths each) steam heating system hardwood floors, wood sash, tile baths and kitchens, etc.
Owner—Withheld.
Architect—A. H. Larsen, 333 Kearny.
Contractor—Oliver M. Rousseau, 321 Kearny Street.

Contract Awarded.
FLATS Cost, $9618
SAN FRANCISCO. SW Bay and Divisadero Streets.
Two-story and basement frame and stucco flats.
Owner—John B. Dalbesio, 3459 Divisadero St., San Francisco.
Architect—George H. Wiemeyer, 605 Market St., San Francisco.
Contractor — M. E. Valente, 5118 Clark St., Oakland.
Electric — Martinez Elec. Co., 2173 North Point St., San Francisco

Plumbing and Heating — Andriano Ramazzotti, 1473 Vallejo St., San Francisco, $1400

Richmond.

Sub-Contracts Awarded.

FLATS Cost, $12,000
SAN FRANCISCO. S Pacific Ave. W Broderick Street.
Two-story and basement frame and stucco flats.
Owner—Lyman J. Potter.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—Aetna Constr. Co., 1730 24th Ave., San Francisco.
Roofing — Empire Roofing Co., 261 Silver Avenue.
Plumbing and Heating — J. Gibbs & Sons, 1706 Geary Street.
Electric Wiring—Aetna Elec. Co., 1435 Eddy Street.
Sheet Metal—Colan Heating & Ventilating Co., 1060 Folsom St.
Glass—W. P. Fuller & Co., 301 Mission Sreet.
Iron Grille Work—Sunset Iron Works, 946 Harrison Street.
Brick Work—Karlberg & Bosin, 367 Bayshore Blvd.
Lumber—Smith Lumber Co., 4th and Channel Sts.
Mill Work—Warden Bros., 2501 Army Street.
Hardware—F. G. Norman & Sons, 890 Valencia Street.
Concrete — Aetna Constr. Co., 1435 Eddy Street.
Flooring — C. Schultze Hardwood Floor Co.
Window Shades—Uneeda Shade Co., 155 Church St.

Contract Awarded

FLATS Cost, $10,000
SAN FRANCISCO, Calif. S. Filbert, W. Mason St.
Two-story and basement, frame and stucco flats.
Owner—Pietro Sanfilippo, 321 Kearny Street.
Architect — H. C. Baumann, 251 Street.
Contractor—Oliver M. Rousseau, 321 Kearny Street. •

6—GARAGES & SERVICE STATIONS

Contract Awarded

SERVICE STATION Cost, $5,000
SAN FRANCISCO. NW Ninth and Howard Streets.
New service station.
Owner—Oakes & Hoyme.
Architect—Not Given.
Contractor—H. T. Gettins Co. 268 13th Street.

Contract Awarded.

SERVICE STATION Cost, $6000
OAKLAND, Alameda Co., Calif. No. 636 Broadway.
One-story steel service station.
Owner—Mohawk Petroleum Co., Financial Center Bldg., San Francisco.
Architect—D. D. Stone, 381 Bush St., San Francisco.

Contract Awarded

Contractor — M. Fisher & Son, 1405 Bush St., San Francisco.
SERVICE STATION Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. Market and Park Streets.
Steel gasoline service station.
Owner—Mrs. W. Clayton.
Architect—Not Given.
Contractor—Fred Alexander, 358 17th St., Oakland.

Contract Awarded.

ALTERATIONS Cost, $2000
STOCKTON, San Joaquin Co., Calif. No. 7 W. Harding Way.
Alterations to service station.
Owner—Masonic Temple Association.
Architect—Not Given.
Contractor—J. C. Nunley, 744 Yale St., Stockton.

7— FEDERAL BUILDINGS

Bids Opening Date Changed To July 20, 1 P. M.

POST OFFICE Cost, $425,000
NOME, Alaska.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office. No deposit required.

Date was previously set for July 30, 1 P. M., but has been changed to July 20, 1 P. M.

CONTRACT AWARDED

HAYWARD, Alameda Co., Cal.—Mutual Metal Mfg. Co., Chicago, at $451 awarded contract by Treasury Department for furnishing and installing interior lighting fixtures in the U. S. Post Office at Hayward.

Bids Wanted—To Close August 13, 1 P. M.

FEDERAL BLDG. Cost, $400,000
KETCHIKAN, Alaska.
U. S. Federal Building (to house post office, courthouse, custom house and jail).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.

Contract Awarded

ADDITION Cost, $12,000
MONTEREY, Monterey Co., Calif.
One-story frame and stucco indigents barracks and helps' quarters at Monterey County Hospital (to accommodate 24 indigents and 6 employees).
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St Salinas.
Contractor—P. T. Wallstrum, Watsonville.

CONTRACT AWARDED

LIVERMORE, Alameda Co., Cal.—George Swanstrom, 1615 78th Ave., Oakland, at $10,235 awarded contract by Veterans' Administration Facility, Washington, D. C., for alterations to Building No. 46, at the Veterans' Administration Facility, Livermore. Work includes excavation, carpentry, masonry, concrete work, plastering, roofing, plumbing, heating and electrical work.

Plans Being Completed.

HOSPITAL ADDN. Cost, $100,000
OAKLAND, Alameda Co., Cal. Webster and Hawthorne Streets.
Addition to hospital (reinforced concrete construction).
Owner—Merritt Hospital.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Bids will be asked in one week.

BIDS WANTED

LOS ANGELES, Cal.—Until Sept. 1, 1:30 P. M., bids will be received by Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing acute building No. 205, at the Veterans Administration Facility, Los Angeles.

Work includes roads, walks, grading and drainage, excavation, reinforced concrete, hollow building tile, cut stone, cast stone, slate stair treads, marble work, terrazzo, floor and wall tile, rubber tile, compressed asphalt tile, waterproofing, metal work, steel sash, steel stairs, steel cabinets and shelving, tile roofing, metal lathing, plastering, carpentry, acoustical treatment, insulation, metal weatherstrips, insect screens, window shades, painting, glazing, hardware, plumbing, heating electrical work, electric elevator, outside service, connections, etc. Estimated cost, $300,000.

Bids are being received as follows:

(1) General construction, including plumbing, heating and electrical work.

(2) Electric elevator.

Plans and specifications may be obtained from above office and frame Veterans Administration, Palo Alto. No deposit required. •

CONTRACT AWARDED

SEBASTOPOL, Sonoma Co., Calif.—C. T. Bradley, Sebastopol, at $131.75 awarded contract by Treasury Department for constructing curb and gutter at the U. S. post office, Sebastopol.

BIDS REJECTED

STOCKTON, San Joaquin Co., Cal. Treasury Department rejected all the bids for furnishing and installing insect screens in the U. S. post office at Stockton.

AWARD APPROVED

LODI, San Joaquin Co., Calif.—The Treasury Department approved the award to Gradler Mfg. Co. for hanger at the U. S. post office, Lodi. Frank J. Reilly, 6350 Fulton St., San Francisco, general contractor.

AWARD APPROVED

HAYWARD, Alameda Co., Calif.—Treasury Department approved award to S. T. Johnson Co. for oil burner with gas burner accessory for the U. S. post office at Hayward. Leo Epp, 4745 Geary St., San Francisco, general contractor.

LOW BIDDERS

SAN PEDRO, Los Angeles Co., Cal.—Otis Elevator Co., 1 Beach St., San Francisco, at $2,955, submitted low bid to Treasury Department for furnishing and installing one freight elevator in the new jail building to be erected at Reservation Point, San Pedro.

The three low bids follow:

Otis Elevator Co., S. F. $2,955
Shepard Elevator Co., Cincinnati 3,300
Kimball Bros., Council Bluffs, Ia. 3,250

BIDS WANTED

SAN DIEGO, Cal.—Until July 23, 11 A. M., bids will be received by Public Works Officer, 11th Naval District, San Diego, for alterations to Bldg. No. 13 to provide dormitory at the Naval Operating Base (Marine Corps Base) San Diego. Spec. No. 8262.

Work consists of cutting of openings in existing tile masonry exterior walls and furnishing and installing of new wood windows and screens and one new steel door; furnish and install new hollow tile partitions to form new wash and toilet rooms; plaster new and existing tile walls, stucco exterior walls incident to new work; new floor and wainscot tile; millwork; plumbing fixtures and piping; heating; electrical work and miscellaneous appurtenances.

Plans and specifications may be obtained from above office upon deposit of $10.00.

LOW BIDDERS

SUMMIT, C. Z.—Novey & Luttrell, Cristobal, at $199,900 submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., for the construction of facilities building, four quarters, refrigeration system in barracks building and roads and walks at the Naval Radio Station, Summit, C. Z.; Spec. No. 7890.

The work includes concrete, brick and hollow tile, steel and iron work, tile and built-up roofing, sheet metal work, steel windows, metal and metal covered doors, metal studding, and lathing, plaster and stucco, marble and tile work, carpentry and joinery,

metal and wood screens, water distribution and sewage, plumbing, refrigeration and electric work, and bituminous macadam roads.

Grebein & Martinez, Panama City, at $203,000 were second low.

Complete bids will be given shortly.

Complete Bids

POST OFFICE Cost, $——
BREMERTON, Washington.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—MacDonald Bldg. Co., 1517 South Tacoma Way, Tacoma.

Complete bids follow:

MacDonald Bldg. Co., Tacoma	$79,793
Wm. Petersen, Seattle	83,713
Standard Const. Co., Tacoma	84,400
S. S. Mullen, Inc., Port Angeles	84,995
Harry Boyer & Sons, Olympia	85,200
Western Const. Co. Inc., Seattle	86,360
C. L. Fey, Seattle	87,719
E. C. Phillipsen Co., Bremerton, Wash.	88,551
A. F. Mowat, Seattle	89,449
Daniel Solic, Bremerton	89,900
Sound Eng. and Const. Co., Seattle	93,624

Bids Wanted—To Close August 14, 1 P. M.

POST OFFICE Cost, $95,000
MARTINEZ, Contra Costa Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office. No deposit required.

CONTRACT AWARDED

PUYALLUP, Wash. — Mutual Metal Mfg. Co., Chicago, at $177.00 awarded contract by Treasury Department for furnishing and installing lighting fixtures in the U. S. post office at Puyallup.

Bids Rejected.

POST OFFICE Cost, $75,000
LOVELOCK, Nevada.
U. S. Post Office and Agricultural Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Plans will be revised and new bids asked at a later date.

On previous bid opening lowest bid was submitted by R. E. Campbell, Los Angeles, at $79,400.

BIDS OPENED

SANTA CLARA, Cal. — Carl N. Swenson, 355 Stockton Ave., San Jose, at $6500 submitted only bid to the Treasury Department for exterior changes, etc., at the U. S. Post Office at Santa Clara. Bid held under advisement.

Bids Wanted—To Close August 24, 1 P. M.

POST OFFICE AND COURTHOUSE Cost, $6,250,000
LOS ANGELES, Cal. Spring and Temple Streets.
Twelve-story U. S. Post Office and Courthouse Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Consulting Architect—Gilbert Stanley Underwood, 408 So. Spring St., Los Angeles.

Plans and specifications may be obtained from the Treasury Department Washington, D. C.

LOW BIDDERS

BALBIA, C. Z.—Grebein and Martinez, Panama City, at $130,647 submitted low bid to Bureau of Yards & Docks, Navy Department, Washington, D. C., for the construction of three 4-family quarters at the Naval Radio Station at Balboa, C. Z. Work includes concrete construction; cast stone, brick and hollow tile, steel and iron work, metal studding and lathing plaster and stucco, marble and tile, plaster and millwork, screenings, water heating equipment, plumbing and electrical work; Spec. No. 8120.

Novey & Luttrell, Cristobal, at $133-800 submitted second low bid.

Complete bids will be given shortly.

LOW BIDDERS

LUALUALEI, Oahu, T. H.—Ralph E. Woolley, Honolulu, at $143,000 (item 1) and $141,700 (item 2) submitted low bid to Bureau of Yards & Docks, Navy Dept., Washington, D. C., for the construction of buildings at the Naval Radio Station located at Lualualei, Oahu, T. H. The work includes: Concrete, concrete tile units, metal lath, plastering, stucco, steel and iron work, marble and tile work, asphalt tile, screens, roofing and sheet metal work, plumbing, heating and electrical systems; Spec. No. 7891

Second low bid was submitted by E. E. Black, Honolulu, at $154,000 (item 1) and $148,000 (item 2).

Complete bids will be given shortly.

Bids Rejected

POST OFFICE Cost, $75,000
AUBURN, Placer County, Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Plans will be revised and new bids asked at a later date. On previous bid opening only bid was submited by Schuler & McDonald, Oakland, at $91-383.

BIDS OPENED

SAN PEDRO, Los Angeles Co., Cal. —As previously reported, Otis Elevator Co., 1 Beach St., San Francisco, at $2,955, submitted low bid to the Treasury Department for furnishing and installing one freight elevator in the new jail building to be erected at Reservation Point, San Pedro.

Complete bids follow:

Otis Elevator Co., S. F.	$2,955
Kimball Bros., Council Bluffs, Iowa	3,257
Shepard Elevator Co., Cincinnati, Ohio	3,300
Wm. A. Miller Elevator & Machine Co., St. Louis	3,883
Haughton Elevator Co., Washington, D. C.	3,976
Pacific Coast Elevator Co., L. A.	4,246

Bids held under advisement.

Construction Postponed Temporarilly

LODGE BLDG. Cost, $50,000
VALLEJO, Solano Co., Calif. Georgia and Sonoma Streets.
Two-story and basement reinforced concrete club building.
Owner—Vallejo Lodge of Elks.
Architect — Dodge Riedy, 821 Market St., San Francisco.

Complete Bids

FEDERAL JAIL Cost, $——
SAN PEDRO, Los Angeles Co., Calif. Reservation Point.
New Federal Jail to serve Southern California and Arizona.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—Great Lakes Const. Co., 333 N. Michigan Ave., Chicago.

The plant will be built in the shape of a rectangle and will cover an area of 680x250 ft. It will consist of a number of units constructed around a central court, including an administration building, storage warehouse, shops, power house, dormitories, recreation rooms, cell blocks, auditorium, mess hall, service rooms, etc.

Complete bids follow:

(1), (2), (3), (4), (5), (6), deduct.

Great Lakes Const. Co., Chicago		$992,299
	(1)	13,000
	(2)	2,259
	(3)	63,000
	(4)	5,700
	(5)	3,000
	(6)	24,000
*Robt. E. McKee, Los Angeles		$996,000
	(1)	14,000
	(2)	2,500
	(3)	70,000
	(4)	8,000
	(5)	4,500
	(6)	32,000
Sarver & Zoss, Los Angeles		$1,029,900
	(1)	15,500
	(2)	2,600
	(3)	70,000
	(4)	7,300
	(5)	4,100
	(6)	32,600
R. E. Campbell, Los Angeles		$1,065,000
	(1)	14,500
	(2)	2,320
	(3)	63,950
	(4)	5,730
	(5)	3,510
	(6)	33,810
Clinton Const. Co., L. A.		$1,119,000
	(1)	17,000
	(2)	4,000
	(3)	77,000
	(4)	7,000
	(5)	.....
	(6)	38,000
Schofner & Gordon, L. A.		$1,134,566
	(1)	20,476
	(2)	1,800
	(3)	60,000
	(4)	8,400
	(5)	3,800
	(6)	41,225
Los Angeles Contr. Co. and C. G. Wopschall, L. A.		$1,147,000
	(1)	17,000
	(2)	2,500
	(3)	70,000
	(4)	7,000
	(5)	4,500
	(6)	38,000

(*) Low bidder if alternate proposals are accepted.

8— CLUB BUILDING

Planned.

REBUILD CLUB Cost, $300,000
RENO, Washoe Co., Nevada.
Rebuild Reno Country Club (recently destroyed by fire).
Owner—Reno County Club.
Architect—Frederick W. Quandt, 40' Phelan Bldg., San Francisco.

Proposed work is in a very preliminary stage and further details will be announced at a later date.

Contract Awarded

ALTERATIONS Cost, $15,000
SAN FRANCISCO. E Skyine Blvd. at County Line.
Alterations to clubhouse.
Owner—Olympic Club, 524 Post Street.
Architect—D. D. Stone, 381 Bush St.
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.

Plans Being Figured—Bids Close July 25th.

ALTERATIONS Cost, $8,000
SAN FRANCISCO. SE Mariposa and Vermont Streets.
Alterations to social hall. (Extend 20 feet in length; new ceiling, etc.)
Owner—Slovenian Association.
Engineer—M. Manov, Howden Bldg., Oakland.

Plans and specifications may be obtained at 698 Vermont St., San Francisco and from the engineer in Oakland.

9— HOSPITALS

Planned.

ADDITION Cost, $——
ALTURAS, Modoc Co., Calif.
Addition to County Hospital.
Owner—County of Modoc.

Architect—Ralph D. Taylor, 716 Court St., Susanville.

COMPLETING PLANS

ALTADENA, Los Angeles Co., Cal —Architects Myron Hunt and H. C. Chambers, 1216 Continental Bldg., Los Angeles, are completing working drawings and specifications and will take bids in about three weeks for a group of sanitarium buildings to be built at the head of Lincoln Ave., near Loma Alta Drive, Altadena, for LaVina, Inc. The group will consist of a one-story, 70-ward sanitarium building, administration building, and infirmary, and a two-story kitchen and nurses' quarters building; steel frame and reinforced concrete construction, composition-covered roofing, steel sash, cement, hardwood and tile floors, steam heating, structural steel framing, etc Est. cost, $150,000. Contract for structural steel framing and concrete footings has been awarded to Latisteel Corp., 3110 E Foothill Blvd., Pasadena.

Contract Awarded.
DINING ROOM Cont. Price, $12,464
SANTA CLARA COUNTY, Cal. Milpitas Road, County Almshouse.
Reinforced concrete dining room, (30x 90 ft.) tile roof, steam heat, composition floors, steel sash.
Owner—Santa Clara County.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Joseph Santi, 545 Madera Ave., San Jose.
Complete bids follow:

Joseph Santi	$12,464.35
Summers Constr. Co.	13,595.00
A. J. Nielsen	14,261.00
H. A. Bridges	14,801.07

All of San Jose.

Contract Awarded
ALTERATIONS Cont. Price, $5,730
SAN FRANCISCO. California & Maple Streets.
Alterations and additions to offices on first floor of hospital.
Owner—Children's Hospital.
Architect—Martin A. Sheldon, Monadnock Building.
Contractor—G. P. W. Jensen 320 Market Street.

Contract Awarded
ALTERATIONS Cont. Price, $5,350
SAN FRANCISCO. California & Maple Streets.
Alterations and additions to X - Ray department of hospital.
Owner—Children's Hospital.
Architect—Martin A. Sheldon, Monadnock Building.
Contractor—G. P. W. Jensen & Sons, 320 Market Street.

Plans Being Prepared.
HOSPITAL Cost, $100,000
RENO, Washoe Co., Nevada. Veterans Administration Facility.
Hospital (27 beds).
Owner—United States Government.
Plans by Veterans Administration, Washington, D. C.

Preparing Preliminary Plans.
ADDITION Cost, $75,000
LIVERMORE, Alameda Co., Calif. Veterans Administration Facility.
Thirty-bed addition to hospital.
Owner—United States Government.
Plans by Veterans Administration Facility, Palo Alto.

Contract Awarded
NURSES' HOME AND KITCHEN Contract Price, $21,570
SPRINGVILLE, Tulare Co., Cal. Tulare-Kings Counties Joint Tubercular Sanitarium.
Frame and stucco nurses' home and frame and stucco kitchen.
Architect—Ernest Kump, Rowell Bldg. Fresno.
Contractor—Midstate Const. Co., 903 San Joaquin Power Bldg., Fresno.

CONTRACT AWARDED

ROSEMEAD, Los Angeles Co., Cal. —Proctor & Gamble, 29 Euclid Ave., Pasadena, awarded contract for construction of a one-story and basement early California type frame and stucco sanitarium building to contain 21 rooms at 1047 Rosemead Ave., Rosemead, for Dr. Aaron J. Rosanoff (Alhambra Sanitarium). Henry C. Newton and Robert D. Murray, 502 Architects' Bldg., Los Angeles, architects.

Preparing Working Drawings.
HOSPITAL ADDN. Cost, $90,000
SACRAMENTO, Sacramento Co., Cal. Fifty-second and F Streets.
Two-story fireproof maternity hospital addition (48 beds) steam heat; air conditioning system.
Owner—Sutter Hospital.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Bids will be asked in about thirty days.

SAN FRANCISCO, Calif.—M. Greenberg's Sons, at $70.00 submitted low bid to Department of Public Works, Room 251, City Hall, for installation of polished brass stair railing for one side, front entrance, etc., in the Health Center Building, Civic Center.
Only other bid was submitted by Independent Iron Works, at $93.50.
Bids held under advisement.

Preliminary Sketches Approved
HOSPITAL Cost, $.....
MERCED, Calif. Two-story Class C. addition to hospital (20 beds).
Owner—Mercy Hospital, Merced, Cal.
Architect—Martin A. Sheldon, Monadnock Building, San Francisco.
Final sketches are now being prepared.

10— HOTELS

Plastering Contract Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. NW Post Street and Stockton Streets.
Alterations to hotel.
Owner—Allied Properties, Clift Hotel.
Architect—G. A. Lansburgh, 321 Bush St., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.
Plastering—M. J. King, 2343 Bay St., San Francisco.
As previously reported, painting awarded R. P. Paoli & Co., 2530 Lombard St.,; removing cast ornament Emsco Concrete Cutting Co., 260 Clementina St.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Plans Being Completed.
FIREHOUSE Cost, $22,000
COALINGA, Fresno Co., Cal.
Two-story firehouse.
Owner—City of Coalinga
Architect—Fred L. Swartz, Brix Bldg. Fresno.
Bids will be asked in about two weeks.

Planned.
HALL OF RECORDS Cost, $150,000
MODESTO, Stanislaus Co., Calif.
Hall of Records.
Owner—County of Stanislaus.
Architect—G. N. Hilburn, 1213 I St., Modesto.
It is planned to place a $150,000 bond issue on the November ballot.

CONTRACT AWARDED

SAN FRANCISCO—Braas & Kuhn, 1917 Bryant St., at $894 awarded contract by Department of Public Works for construction of Traffic Bureau quarters for the Controller's Office, City Hall.

Bids Wanted—To Close July 28, 2 P. M.
ADDITION Cost, $——
NEVADA CITY, Nevada Co., Calif.
Additions to courthouse (East and South Wing Additions).
Owner——County of Nevada.
Architect——George Sellon, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.

Commissioned To Prepare Plans.
CITY HALL Cost, $80,000
SANTA CRUZ, Santa Cruz Co., Calif. New City Hall.
Owner—City of Santa Cruz.
Architect—C. J. Ryland and L. D. Estey, Carmel.

EXTRA WORK AUTHORIZED

SAN FRANCISCO.—Extra work order has been issued by Golden Gate Bridge and Highway District to Eaton & Smith, 715 Ocean Ave., for grading and foundaton work on the site of the bridge toll plaza. Plans for the buildings, to be erected under separate contract, are being prepared by Strauss & Paine ,engineers for the bridge.

Planned.
LIBRARY Cost, $——
MARTINEZ, Contra Costa Co., Calif. SW Ward and Court Streets.
Library building.
Owner—City of Martinez.
Architect—Not Given.

NO BIDS RECEIVED

SAN FRANCISCO, Calif.—No bids were received by Department of Public Works for acoustical treatment of Room 457, Grand Jury Quarters, City Hall scheduled to be opened July 15th.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $7500
ALAMEDA, Alameda Co., Cal. No. 2954 Northwood Drive.
Two-story frame and stucco residence (six rooms).
Owner—Ed. Doyle, 1738 Alameda Ave. Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,165
ATHERTON, San Mateo Co., Calif. Selby Lane.
One-story frame, stucco and brick residence.
Owner—Sidney Herzog.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor — Arthur Payne, Upland Road, Redwood City.
Roofing—W. Dairs, Palo Alto.
Plumbing — Victor Dopper, Redwood City.
Electric Wiring—Coast Electric Co., Redwood City.
Heating and Sheet Metal — Redwood City Sheet Metal Works, Redwood City.
Tile Work — Broomhall Tile Co., San Carlos.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Brick Work—John T. Scott, Palo Alto
Lathing and Plastering—Walter Bradie, Redwood City.
Lumber—West Bay Lumber Co., Redwood City.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Mill Work—Wisnom Lumber Co., San Mateo.
Concrete — Emma & Bivona, Menlo Park.
Flooring—White Oak Floor Co., Redwood City.

Sub-Contracts Awarded.
RESIDENCE Cost, $18,000
SAN MATEO, San Mateo Co., Calif. No. 58 Chesterway.
Two-story and basement frame and stucco residence.
Owner—Felton Elkins.
Architect—Fred L. Confer, 3149 Claremont Ave., Oakland.
Contractor—Lloyd C. Simpson, P. O. Box 331, Burlingame.
Plumbing—Harry Lee, Burlingame.
Glass—Pacific Mfg. Co., Santa Clara.
Lumber — San Mateo Planing Mill, San Mateo.
Mill Work—Pacific Mfg. Co., Santa Clara.
Concrete—San Mateo Concrete Co., San Mateo.

Contract Awarded
RESIDENCE Cost, $11,000
ALAMEDA, Alameda Co., Calif. 1016 Grand Avenue.
Two - story and basement frame and stucco residence (8 rooms).
Owner—J. R. Parkinson, 1435 Harrison St., Oakland.
Architect—Williams and Wastell, 374 17th Street, Oakland.
Contractor — Harry C. Knight, 1435 Harrison St., Oakland.

Contract Awarded
RESIDENCE Cost, $7,500
ALAMEDA, Alameda Co., Calif. 2817 Central Avenue.
One - story and basement frame and stucco residence (7 rooms).
Owner—Fred J. Scott, 222 Beach Rd., South Alameda.
Architect—Williams and Wastell, 374 17th Street, Oakland.
Contractor—Lawrence Strong, 429 Haight Ave., Alameda.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. S Vicente St. W Thirty-first Avenue.
Five one-story and basement frame and stucco residences.
Owner and Builder—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $7500
SAN MATEO, San Mateo Co., Calif. No. 215 Elm Street.
Two-story frame and stucco residence
Owner—Harry A. Cox.
Architect—Not Given.
Contractor—Roy Allen, 1919 Ivy St., San Mateo.
Roofing—Peninsula Roofing Co.
Plumbing—Frank McGuire.
Electric Wiring—San Bruno Electric Company.
Heating—Ed. Steger, San Mateo.
Iron Grille Work — J. Carlson, San Mateo.
Lathing and Plastering — S. Eriksen, San Mateo.
Lumber—Wisnom Lumber Co., San Mateo.
Mill Work—Nelson & Shirksey, Burlingame.
Hardware — Wisnom Hardware Co., San Mateo.
Concrete—San Mateo Concrete Co., San Mateo.
Painting—George Smith, Burlingame.

Sub-Contracts Awarded.
RESIDENCE Cost, $7100
SAN FRANCISCO. Forest Hill (Castenada Avenue).
Two-story frame and stucco residence (six rooms) slate roof, air conditioning plant, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—N. J. Collitt.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—E. W. Perkins, 510 Stockton St., San Francisco.
Roofing—Bay Tile Co., 2332 Alemany Blvd.
Plumbing—L. Schwartz.
Electric Wiring — Draeger & Irwin, 718 Octavia St.
Heating and Sheet Metal—Atlas Heating & Ventilating Co., 557 4th St.
Glass—Hovious Glass Co., 4861 Mission Street.
Iron Grille Work—Sunset Iron Works, 964 Harrison St.
Brick Work—R. A. Holding—334 28th Avenue.
Lathing & Plastering—J. Terranova, 344 San Miguel St.
Lumber—Smith Lumber Co., Fourth and Channel Sts.
Wood Sash—Warden Bros., 2501 Army Street.
Hardware—Jackson & Son, 852 Clement Street.
Painting—J. Rainer, 7421 Geary Blvd.
Concrete—Golden West Concrete Co., 3 Boyce Street.
Flooring—Eastern Oak Floor Co., 21 Rice St., Daly City.

Contract Awarded
RESIDENCE Cost, $8,138
SUNNYVALE, Santa Clara Co., Calif.
One - story and basement frame and stucco residence (six rooms) tile roof, gas - fired heating system, hardwood floors, tile bath, etc.
Owner—Mr. Holthouse.
Architect—Higgins & Root, Security Bldg., San Jose.
Contractor—L. M. Scott, 535 Frances St., Sunnyvale.

Plans Being Figured—Bids Close July 25.
RESIDENCE Cost, $.....
SAN JOSE, Santa Clara County, Cal.
Berryessa Subdivision — One-story & basement, frame and stucco residence (6 rooms, 2 baths), shingle roof, coal and wood furance, wood sash, tile baths, hardwood floors.
Owner—A. F. O'Connell.
Architect — Higgins & Root, Security Bldg., San Jose.

Sub-Contracts Awarded.
RESIDENCE Cost, $——
PALO ALTO, Santa Clara Co., Calif.
Two-story frame and stucco residence
Owner—Wheeler H. Thayer.
Architect—J. K. Branner, 210 Post St., San Francisco.
Contractor—E. Tunberg & Co., Box 732, Palo Alto.
Roofing—W. L. Dairs.
Plumbing—H. P. Hansen.
Glass—Acme Glass Co.
Tile—C. L. Frost Roofing Co.
Brick Work—Walker Bros.
Lumber—Merner Lumber Co.
Mill Work—Pacific Mfg. Co., Santa Clara.
Marble—Eisele & Dondero, San Francisco.
All of Palo Alto unless otherwise noted.

Sub-Contracts Awarded.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. N Garfield Ave. E Head Street.
Three one-story and basement frame and stucco residences.
Owner—R. Van Der Beets, 1401 Ocean Ave., San Francisco.
Architect—Not Given.
Contractor — Aetna Constr. Co., 1730 24th Ave., San Francisco.
Roofing — Empire Roofing Co., 239 Trumbull Street.
Plumbing—Scott Co., 213 Minna St.
Electric Wiring—Aetna Electric Co., 1435 Eddy St.
Heating & Sheet Metal—Colan Heating & Ventilating Co.
Tile Work—Burgess Tile Co., 73 Bruce Street.
Glass—W. P. Fuller & Co., 301 Mission Street.
Brick Work — Karlberg & Bosin, 367 Bayshore Blvd.
Lumber—Smith Lumber Co., 4th and Channel Streets.
Mill Work—Warden Bros., 2501 Army Street.
Hardware—F. G. Norman & Sons, 890 Valencia St.
Window Shades—Uneeda Shade Co., 155 Church St.
Concrete—S. F. Concrete Co., 98 Harrington Street.
Flooring — C. Schultze Hardwood Floor Company.

Sub-Contracts Awarded.
RESIDENCE Cost, $8450
PALO ALTO, Santa Clara Co., Calif.
Two - story frame, stucco and brick veneer residence.
Owner—Paul Kirkpatrick, Palo Alto.
Plans by Morgan Stedman, 633 Kellogg Ave., Palo Alto.
Contractor—Carroll Da Mant, 66 Kellogg Ave., Palo Alto.
Roofing—R. L. Reaves.
Plumbing—S. Hughes.
Electric Wiring—Erskine Elec. Co.
Heating—C. E. Ashworth.
Sheet Metal—George Mead.
Tile Work—Bloomquist Tile Co.
Brick Work—C. F. Glen.
Lathing and Plastering—W. L. Bogue
Lumber and Mill Work—Geo. Cleese.
All of Palo Alto.

Contract Awarded
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. No. 5339 Trask Street.
Two-story and basement frame and stucco residence (10 rooms and 4 baths) tile roof, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. A. Lyle Winslow, % Architect.
Architect — Hertzka & Knowles, 369 Pine St., San Francisco.
Contractor—Victor Sigge, 3912 Linwood Ave., Oakland.

Additional Contracts Awarded.
ALTERATIONS Cost, $25,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Alterations and additions to two-story frame and stucco fraternity house (additional rooms, new dining room, kitchen, chapter hall, etc.)
Owner—Delta Tau Delta Fraternity, 650 San Juan St., Stanford University Campus, Palo Alto.
Architect—Newsom & Newsom, Russ Bldg., San Francisco.
Contractor—Sherwood Bldg. Co., 39 Sutter St., San Francisco.
Painting—Raphael Co., 270 Tehama St., San Francisco.
Heating—Atlas Heating & Ventilating Co., 557 Fourth St., San Francisco

To Ask Bids Within Few Days
RESIDENCE Cost, $- —
NILES, Alameda Co., Calif.
One-story wood frame residence (six rooms) Colonial style, wood siding, shingle roofing, oil burning heating system, wood sash, etc.
Owner—Wallace Ebright.
Architect—Higgins and Root, Security Bldg., San Jose.

Contract Awarded
DUPLEX RESIDENCE Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. 727 North Second Street.
One - story frame and stucco duplex residence.
Owner—Mabel Raley, 718 S. Fifth St., San Jose.
Plans by George Kocher.
Contractor—Geo. Kocher, Graphic Arts Bldg., San Jose.

Contrtact Awarded.
RESIDENCES Cost, $6000 each
SAN JOSE, Santa Clara Co., Calif. Sixteenth St. near Jackson St.
Two one-story and basement frame and stucco residences (6 rooms each).

Owner—S. Campagna, 735 N. 13th St., San Jose.
Architect—Not Given.
Contractor—V. Sunzeri, 176 N. 31st St., San Jose.

Contract Awarded.
RESIDENCE Cost, $6000
SAN JOSE, Santa Clara Co., Calif. No. 665 South 16th St.
One-story and basement frame and stucco residence (5 rooms).
Owner—Mildred Dunlap, 665 S-16th St., San Jose.
Architect—Not Given.
Contractor — Rollie Williams, 1497 Shasta Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $7500
SAN JOSE, Santa Clara Co., Calif. Chapman St. near University Avenue.
Two-story frame and stucco residence (7 rooms).
Owner—C. H. Harman, 857 Clintonia St., San Jose.
Architect—Not Given.
Contractor—S. Fleming, 1305 Yosemite Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $6500
SAN JOSE, Santa Clara Co., Calif. First and Ayer Streets.
One-story and basement frame and stucco residence (5 rooms).
Owner—C. T. Arthur, 32 Ayer Ave., San Jose.
Architect—Not Given.
Contractor — W. Schwartz, 521 So. 8th St., San Jose.

Contract Awarded
RANCH BLDGS. Cost, $40,000
HEALDSBURG, Sonoma Co., Calif.
Group of ranch buildings (comprising bunk houses, barn, residence, garage, ranch shops, lighting system water supply system, etc.) wood frame construction.
Owner—Wallbridge Land Co., Kohl Bldg., San Francisco.
Architect—Eldridge T. Spencer, Claus Spreckels Bldg., San Francisco.
Contractor—O. Hedahl, 110 Sutter St., San Francisco. *

Contract Awarded
RESIDENCE Contract Price, $5,397
HAYWARD, Alameda Co., Cal. Rockaway Lane.
One-story frame and rustic residence (5 rooms) shingle roof, gas furnace, wood sash, hardwood floors, tile bath, etc.
Owner—Harvey Darneal.
Architect—Geo. P. Simonds, 80 Main Street, Hayward.
Contractor—H. S. Shain, 54 Arlette Avenue, Hayward.

Construction Postponed Indefinitely.
RESIDENCE Cost, $4,500
ORINDA, Contra Costa Co., Calif.
One-story frame and rustic residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—J. A. Davidson.
Architect—Geo. P. Simonds, 80 Main Street, Hayward.

Plans Being Prepared
RESIDENCE Cost, $——
SAN FRANCISCO. Seacliff District.
Two - story and basement frame and stucco residence (7 rooms and 3 baths) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Plans by Cyril Doane, 364 Bush Street.

Construction Postponed Indefinitely.
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Cal. Rockridge District.
One - story and basement frame and stucco residence (6 rooms and 2 baths) shingle roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.

To Take Sub-Bids Within Few Days.
RESIDENCE Cost, $6,500
SAN FRANCISCO. Russian Hill.
Two - story and basement frame and stucco residence (6 rooms and 3 baths) slate and composition roofing, wood sash, hardwood floors, tile baths, etc.
Owner—Wilburn Woodruff.
Plans by Cyril Doane, 364 Bush Street.
Sub-bids will be taken by Mr. Doane.

Contract Awarded
RESIDENCES Cost, $7,000 each
SACRAMENTO, Sacramento Co., Cal. College Park.
Three two-story brick and wood residences (slate roof, gas heating system, steel sash, hardw'd floors, tile baths, etc.
Owner—Land Terrace Company, Sacramento.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
Contractor—Wm. Murcell, 2015 23rd St., Sacramento.

Plans Being Prepared.
RESIDENCE Cost, $7,500
SAUSALITO, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) tile roof, oil burning hot air heating system, wood sash, tile baths and kitchen, hardwood floors, septic tank, sewage disposal system, etc.
Owner—Withheld.
Architect—A. H. Larsen, 333 Kearny St., San Francisco.
Bids will be asked in about 10 days.

Plans Completed.
RESIDENCES Cost, $6,500 each
SAN FRANCISCO. Romain and Grand View Avenue.
Six one-story and basement frame and stucco residences (5 and 6 rooms)
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—A. H. Larsen, 333 Kearny.

July 15, 1936

Plans Being Completed
RESIDENCE Cost, $6,400
SAN FRANCISCO. Darien Way.
One - story and basement frame and stucco Spanish type residence (7 rooms, 1 bath and lavatory) hardwood floors, composition roof, hot air heat, tile baths.
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Boulevard.
Bids will be asked within one week.

Plans Being Completed
RESIDENCES Cost, $18,000 & $22,000
SAN FRANCISCO. Jackson and Locust Streets.
Two 3-story and basement frame and stucco residences (11 rooms, 4 baths and 11 rooms, 5 baths) shingle tile roofing, oil steam heating system, wood sash, tile baths and kitchens, hardwood floors, etc.
Owner and Builder—Fred Gannis, % architect.
Architect—F. F. Amandes, 414 Dewey Boulevard.
Sub-bids will be taken in about two weeks.

Contract Awarded
RESIDENCE Cost, $13,000
SAN FRANCISCO. Santa Rita and San Marcus Way.
Two - story brick veneer residence (8 rooms, 2 baths) tile roof; hardwood floors; warm air heat; tile baths.
Owner—Mrs. Florence Griswold.
Architect—F. W. Dakin, 625 Market.
Contractor—W. C. Akard, 225 Cervantes Boulevard. *

Plans Completed
RESIDENCE Cost, $6,500
BURLINGAME, San Mateo Co., Cal. DeSoto bet. Hillside and Easton.
1½-story frame and stucco residence (6 rooms) terra cotta shingle roofing, gas heating system, steel sash hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Sub-bids will be taken within one week.

Contract Awarded
RESIDENCE Cost, $10,000
KENT, Marin Co., Calif.
Two-story stone and timber residence and double garage (seven rooms, three baths, maid's room, 2 sleeping porches, hardwood floors, fireproof shingle roof, etc.)
Owner—A. Pinther, Corte Madera.
Architect—W. E. Baumberger, 65 Wellington Ave., San Anselmo.
Contractor—William Martin, 666 Mission St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $35,000
OAKLAND, Alameda Co., Calif. No. 5757 Country Club Drive.
Two-story and basement frame and stucco residence (10 rooms).
Owner—Leon F. DeFremery, Chabot Road, Oakland.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Contractor—Harold L. Paige, 5651 Oak Grove Ave., Oakland.

Plans Completed.
RESIDENCE Cost, $——
FORT BRAGG, Mendocino Co., Calif.
Two-story and basement frame and stucco residence (7 rooms and 3 baths) built-up composition roofing, oil burning hot air heating system, steel sash, hardwood floors tile baths, etc
Owner—Lee Wilson.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa
Upon approval of plans by owner. bids will be asked.

Sub-Contracts Awarded
RESIDENCE Cost, $18,813
PALO ALTO, Santa Clara Co., Calif. Crescent Park.
Two-story and basement frame and stucco residence.
Owner—Mrs. May Burrel Haehl.
Architect—Chas. K. Sumner, Deckerroak Bldg., Palo Alto.
Contractor—Harry H. Dabinett, 959 Guinda St., Palo Alto.
Plumbing—Lee & Sharp.
Electric Wiring—S. A. Worthing.
Heating and Sheet Metal — Stanford Sheet Metal Works.
Tile—Palo Alto Tile Co.
Glass—Acme Glass Co.
Brick Work—Walker Brothers.
Lathing and Plastering—Ira Bridges.
Lumber—Merner Lumber Co.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Mill Work—Pacific Mfg. Co., Santa Clara.
Painting—Thomas & Stangl.
Reinforcing Steel—W. S. Wetenhall. 17th and Wisconsin Sts., S. F.
All of Palo Alto unless otherwise noted.

Contract Awarded
RESIDENCES Cost, $5,000 each
MILLBRAE, San Mateo Co., Calif. (Laurel Ave. and Taylor Drive).
Two one-story frame and stucco residences.
Owner—N. Schultz.
Architect—Not Given.
Contractor—Schultz Const. Co. 1 Hillcrest Blvd., Millbrae.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 350 Florence Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—M. O. Hutchinson.
Architect—Not Given.
Contractor—H. L. Crocker, 30 Wilding Lane, Oakland.

Plans Being Completed
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. St. James Wood.
Two-story frame and stucco residence (7 rooms and 2 baths) gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Allen Schutter.
Architect—Clarence Mayhew, 6026 Acacia Ave., Oakland.
Bids will be asked in about 2 weeks.

Contract Awarded
RESIDENCES Cost, $3,000 each
SAN FRANCISCO. E. 33rd Avenue N. Rivera.
Fourteen one - story and basement frame residences.
Owner—Golden Gate Investment Co., 437 Kearny Street.
Architect—C. O. Clausen, 716 47th Avenue.
Contractor—Samuel Young, 437 Kearny Street.

To Be Done By Day's Work
RESIDENCE Cost, $5,000 each
SAN FRANCISCO. E 44th Avenue S. Kirkham Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Montclair District.
One-story and basement frame and stucco residence (six rooms), tile roof, wood sash, hardwood floors, tile bath, etc.
Owner—R. C. Smith.
Architect — Ray Keefer, 770 Wesley St., Oakland.
Contractor — Chas. Ungaretti, 1727 Foothill Blvd., Oakland.

Owner Taking Bids.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. Morris Ave. and Hermosa St.
Residence (5 rooms and 1 bath) hardwood floors, tile bath, stucco walls, gas heating.
Owner—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Withheld.

Segregated Bids Being Taken.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Creston Road between Marin and Forest.
One-story wood frame residence (five rooms) wood siding, shingle roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—William Hellim.
Architect—Herman Schoening, 3812 Broadway, Oakland.

Plans Being Prepared
DISPLAY HOME Cost, $——
OAKLAND, Alameda Co., Cal. Claremont Circle.
Two-story frame and stucco display home (6 rooms, 2 baths) shake roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—Earl MacDonald and Herman Schoening, associated, 3812 Broadway, Oakland.

Owner Taking Bids.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story residence (6 rooms, 1 bath and lavatory) wood siding, shake roof, hardwood floors, gas heating, fireplace, tile bathroom floor.
Owner—C. R. Taynton, 5496 El Camilla Ave., Oakland.
Architect—Earl MacDonald, 3812 Broadway, Oakland.

Contract Awarded
RESIDENCE Cost, $6,000
OAK KNOLL MANOR, San Mateo Co. Cal. 16 Nevada Street.
Two-story frame residence.
Owner—A. H. McQuarry, 29 Clinton St., Redwood City.
Architect—Not Given.
Contractor—J. R. Pitsker, 2003 Broadway, Redwood City.

Plans Being Prepared.
RESIDENCE Cost, $——
SAN FRANCISCO. St. Francis Wood.
One-story and basement frame and stucco residence (6 rooms and 2 baths).
Owner—Mr. Thomas, % Architect.
Architect—Hertzke & Knowles, 369 Pine St., San Francisco.
Bids will be asked in about three weeks.

Plans Being Figured
RESIDENCE Cost, $5,500
SANTA ROSA, Sonoma Co., Calif.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—Thorn Gale, Santa Rosa.
Architect — Wm. Herbert, Rosenberg Bldg., Santa Rosa.
Bids are being taken on a general contract.

Owner Taking Bids
REMODELING Cost, $2,700
CENTERVILLE, Alameda Co., Calif.
Remodeling residence (addition of 3 rooms and bath; floor furnace).
Owner—Joseph Silva, Centerville.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Cal. No. 5 Montrose Place.
Two-story and basement frame and stucca residence (8 rooms).
Owner—C. D. Brenner, 1936 El Dorado St., Berkeley.
Architect — John E. Dinwiddie, 360 Pine St., San Francisco.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Plans Being Prepared
RESIDENCE Cost, $——
SAN FRANCISCO, Calif. Seacliff District.
Two-story and basement frame and stucco residence (8 rooms, 3 baths)) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Name withheld.
Mgr. of construction—Cyril Doane, 364 Bush Street.

Plans Being Prepared
RESIDENCE Cost, $5,500
SAN FRANCISCO, Calif. 43d Avenue.
One-story and basement frame and stucco residence (6 rooms and social hall), tile and tar and gravel roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Land Development Co.
Mgr. of construction—Cyril Doane, 364 Bush Street.

Preparing Sketches
RESIDENCE Cost, $——
SAN FRANCISCO, Calif. St. Francis Wood.
One-story and basement frame and stucco residence (5 rooms) terra cotta shingle roof, wood sash, hardwood floors, tile bath, etc.
Owner—Mrs. Wright.
Mgr. of construction—Cyril Doane, 364 Bush Street.

Plans Being Figured—Bids Close July 20, 12 Noon.
RESIDENCE Cost, $18,000
HILLSBOROUGH, San Mateo Co.
Two-story and basement brick veneer residence (8 rooms and 3 baths).
Owner—J. C. Musser.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
G. P. W. Jensen, 320 Market St., San Francisco, is figuring the plans, and desires sub-bids on all portions of the work.

Contract Awarded
RESIDENCE Cost, $7,500
STOCKTON, San Joaquin Co., Calif. 2680 Kensington Way.
Two-story frame and stucco residence (seven rooms).
Owner—Philip C. Beaton, 110 E Monterey St., Stockton.
Architect—Not Given.
Contractor—S. C. Giles, 121 Knoles Way, Stockton. 14

Sub-Contracts Awarded
RESIDENCE Cost, $15,000
SAN FRANCISCO. San Buena Ventura Way (St. Francis Wood).
Two - story and basement frame and stucco residence (9 rooms and 3 baths) tile roof, warm air heating plant, wood sash, hardwood floors tile baths, etc.
Owner—Dr. and Mrs. J. M. Rector.
Plans by Chas. Lindley, Monadnock Building.
Contractor—Fred K. DuPuy, 110 Sutter Street.
Plumbing—Scott Co., 243 Minna St.
Electric Wiring—Frank Goodman 1466 33rd Avenue.
Heating—Standard Heating Co., 834 Irving Street.
Tile—Clervi Tile Co., 221 Bayshore Boulevard.
Glass—W. P. Fuller & Co., 301 Mission Street.
Lumber—Roth Maier Lbr. Co., 2800 Third Street.
Mill Work—Portman's Planing Mill, 1618 Mission St.
Painting—A. Quandt and Sons, 371 Guerrero Street.
Concrete—A. Dini & Co., Daly City.
Marble—Clervi Marble Co., 221 Bayshore Blvd.

Additional Sub-Contracts Awarded
RESIDENCE Cost, $18,000
SAN FRANCISCO. Twenty-fifty Ave.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) composition shingle and flat roofing, oil or gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—J. W. Dinkelspiel.
Architect — W. D. Peugh, 333 Montgomery Street.
Contractor—Fred K. DuPuy, 110 Sutter Street.
Sheet Metal—Atlas Heating & Ventilating Co., 557 4th St.
Tile—Sunset Tile Co., 3219 Irving St.
As previously reported, lumber contract awarded to Chapman Lbr. Co., 144 Spear St.; grading to Devincenzi Bros., 150 Collins Street.

Contract Awarded.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. N Escalto Way E 33rd Avenue.

Four one-story and basement frame and stucco residences.
Owner—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Atlas Home Bldg. Co., 9 Sutter St., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $17,000
WOODSIDE, San Mateo County, Cal. Moore Ranch.
Two-story frame and stucco residence
Owner—H. P. Clark.
Architect—Not Given.
Contractor—F. Marshall, 799 Ashbury St., San Francisco.
Roofing—Peninsula Roof & Tile Co., Mountain View.
Plumbing—Wm. Monihan Co., 1552 Fulton St., San Francisco.
Electric Wiring—Erskine Elec. Works Redwood City.
Sheet Metal—Burlingame Air Conditioning Co., Burlingame.
Brick Work—Walker Brothers, Menlo Park.
Lathing and Plastering—Ralph Calabrese Plastering Co., Redwood City.
Lumber—Sudden Lbr. Co., San Francisco.
Mill Work—Anderson Bros., Quint & Custer Sts., San Francisco.
Reinforcing Steel—W. S. Wetenhall Co., 17th and Wisconsin Streets, San Francisco.

Plans Being Figured—Bids Close July 20, 2 P. M.
RESIDENCE Cost, $75,000
ATHERTON, San Mateo Co., Calif.
Two-story wood frame residence (15 rooms, 10 baths) stables, two garages, tennis courts, roadwork, etc. (shingle roofing, hot water heating system, etc.)
Owner—Mr. Meek
Architect—J. C. McKenzie, New York City.
Sup. Architect—Angus McSweeney, 604 Mission St., San Francisco.
Following have procured plans.
G. P. W. Jensen, 320 Market St., San Francisco.
G. W. Williams Co. 315 Primrose Road, Burlingame.
A. F. Mattock, 212 Clara St., San Francisco.
Richard Minor, 1444 Burlingame Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $7000
SAN MATEO, San Mateo Co., Calif. Acacia Tract.
Two-story frame and stucco residence
Owner—George Becker.
Architect—Not Given.
Contractor—J. R. Pitsker, 2003 Broadway, Redwood City.

Contract Awarded.
STORE & HOTEL Cost, $——
SANTA ROSA, Sonoma County Cal. Fourth and D Streets.
Three-story store building and hotel to replace structure recently destroyed by fire (200x200 feet); steel trusses, new type glass bricks and chromium trimmings, elevators, etc.
Owner—Fred Rosenberg et al. Santa Rosa
Architect—C. A. Caulkins Jr., Rosenberg Bldg., Santa Rosa.
Contractor — Karl Petersen, Rt. 4, Box 341-A, Santa Rosa.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 85 Buena Vista Place.
Two-story and basement frame and stucco residence (7 rooms).
Owner—F. E. Kispert, 1045 Castro St. Oakland.
Architect—Not Given.
Contractor—P. Royal Hauliman, 1243 Broadway, Alameda.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 1885 Melvin Road.
Two-story frame and stucco residence (six rooms).
Owner—Miss Mary Banning, 688 Merritt Ave., Oakland.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Oakland.

Plans Being Revised
RESIDENCE Cost, $8,000
SAN JOSE, Santa Clara Co., Calif. Emory and Morse Streets.
Two - story and basement frame and stucco residence (7 rooms and 2 baths) tile roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—E. Rosenthal.
Architect—Charles McKenzie, Twohy Building, San Jose.
New bids will be asked shortly.

Sub-Bids Being Taken
RESIDENCE Cost, $5,500
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One - story and basement frame and stucco residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner and Builder—Frank Ferrea, 712 Fifth Avenue, San Mateo.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contract Awarded.
RESIDENCE.... Cost, $700
SAN MATEO, San Mateo Co., Calif. Johnson Tract.
Two-story frame and stucco residence
Owner—L. & H. Levy.
Architect—Not Given.
Contractor—J. R. Pitsker, 2003 Broadway, Redwood City.

Contract Awarded
RESIDENCE Cost, $6,688
SAN FRANCISCO. N St. Germain, W Glenbrook.
Two - story and basement frame and stucco residence.
Owner—Otto R. Bostelman.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market Street.

Contract Awarded
ALTERATIONS Cost, $5,000
PIEDMONT, Alameda Co., Calif. 29 Glen Alpine Road.
Alterations to residence.
Owner—H. Fair, 29 Glen Alpine Road, Piedmont.
Architect—Houghton Sawyer, Howden Bldg., Oakland.
Contractor—Charles Stockholm, Russ Bldg., San Francisco.

Sub-Bids Being Taken
RESIDENCE Cost, $4,750
SAN MATEO COUNTY, Calif. Aragon Tract.
Two-story residence and attached garage (living room, dinette and kitchen on first floor; two bedrooms and bath on second floor) tile bath, split shingle roof, stucco exterior, gas hot air heating system, etc.)
Owner—Miss Isabelle T. Converse.
Architect—Oscar Thayer, 110 Sutter St., San Francisco.
Contractor—Roy Allen, P. O. Box 62, Burlingame.
Construction has been started.

Sub-Contracts Awarded
RESIDENCE Cont. Price, $8921
BAYWOOD, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas heat system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—R. A. White, 744 Crossway Road, Burlingame.
Plumbing—J. B. Reynard.
Electric Wiring—Mausser Elec. Co.
Heating and Sheet Metal — Izmiriam Sheet Metal Works.
Tile Work—Broomhall Art Tile Co., San Carlos.
Glass—Pacific Mfg. Co., Santa Clara.
Iron Grille Work—H. Braunicke.
Lathing and Plastering—C. B. Henderson.
Lumber—Wisnom Lumber Co.
Mill Work — Pacific Mfg. Co., Santa Clara.
Hardware—Wisnom Hardware Co.
Concrete—G. Bragato & Co.
Flooring—H. Larson.
All of San Mateo unless otherwise noted.

15— SCHOOLS

BIDS WANTED
EUREKA, Humboldt Co., Calif.—Until July 22, 7:30 P. M., bids will be received by George B. Albee, Clerk Eureka Board of Education, for construction of a one-pipe vacuum heating system for the Lafayette School in Eureka. Plans and specifications may be obtained from the City Superintendent of Schools, Eureka.

Plans To Be Prepared
SCHOOL Cost, $20,000
AUBURN, Placer Co., Calif.
School building.
Owner — Auburn Union Grammar School.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Application will be filed with the PWA for a grant.

Bids Not Opened.
GYM, SHOP, ETC. Cost, $50,000
COVELO, Mendocino Co., Calif.
One-story gymnasium building, one-story shop building and small auditorium (frame and stucco construction).
Owner — Round Valley High School District.
Architect—C. A. Caulkins, Rosenberg Bldg., Santa Rosa.
Project will probably be re-advertised shortly.

BOND ELECTION PLANNED
ARDEN, Sacramento Co., Cal.—Arden Elementary School Dist. is planning to call an election in the near future in the amount of $5,500 to finance alterations and additions to the present school building.
Plans prepared by Architect Charles Dean, California State Life Building, Sacramento.

Sub-Contracts Awarded.
HIGH SCHOOL & GYM Cost, $615,000
SACRAMENTO, Sacramento Co., Cal. West Freeport Blvd. bet. Bidwell Way and Sixth Avenue.
One- and two-story main building of senior high school (steel trusses, concrete floors, wood roof with tile and composition roofing, interior wod partitions with metal lath and plaster; one-story reinf. concrete gymnasium (steel trusses, columns and beams, locker rooms, shower and dressing rooms,)offices toilet and storage rooms).
Owner—Sacramento City High School District.
Architect — Starks & Flanders, 310 Bank of America Bldg., Sacramento.
Following sub-contracts awarded:

Main Building—K. E. Parker Co., 135 South Park, San Francisco (general contractor), $544,060.
Excavating—A. Teichert & Son, 1846 37th St., Sacramento.
Concrete — Perkins Gravel Co., 1800 37th St., Sacramento.
Structural Iron — Palm Iron Works, 15th and S Sts., Sacramento.
Mill Work—Sierra Mill & Lumber Co., 201 V St., Sacramento.
Ornamental and Miscellaneous Iron—Alling Iron Works, 2415 5th St., Sacramento.
Aluminum Work—Anchor Post Fence Co., 460 5th St., San Francisco.
Sheet Metal and Heating—M. R. Carpenter, 907 Front St., Sacramento.
Plumbing—Hately & Hately, 1710 10th St., Sacramento.
Roofing—Bush Roofing Co., 1912 K St., Sacramento.
Glass and Glazing—W. P. Fuller & Co., 301 Mission St., S. F.
Tile—Fischer Tile & Marble Works, 1219 Jay St., Sacramento.
Painting—L. E. Dixon, 18 Eureka St., San Francisco.
Linoleum—D. A. Pancost, 26 O'Farrell St., San Francisco.
Mastipave and Mastic—L. S. Case, 7th and Daggett Sts., San Francisco.
Gymnasium Building—Holdener Construction Co., 2608 R St., Sacramento (general contractor), $102,009.
Excavating—A. Teichert & Son, 1846 37th St., Sacramento.
Concrete — Perkins Gravel Co., 1800 37th St., Sacramento.
Reinforcing Steel — Concrete Engineering Co., 1280 Indiana Street, San Francisco.
Structural, Miscellaneous Iron and Steel—Palm Iron Works, 15th and S Sts., Sacramento.
Wire Guards and Screens — Sacramento Wire Works, 1811 10th St., Sacramento.
Plastering—Thos. F. Scollan Co., 2919 T St., Sacramento.
Painting—Willcoxen & Wilson, 172 34th St., Sacramento.
Roofing — Bush Roofing Co., 1912 K St., Sacramento.
Sheetmetal—Ahl Sheetmetal Works, 1615 21st St., Sacramenito.
Glass and Glazing — T. E. Cain Co., 2416 J St., Sacramento.
Shower and Toilet Partitions—Wagner Bldg. Speciality Co.
Mill Work—Sierra Mill & Lumber Co. 201 V St., Sacramento.
Tile—Fischer Tile & Marble Co., 1219 Jay St., Sacramento.
Electrical—Reliable Elevator Works, 619 California St., Sacramento.
Plumbing—Willy & Rhoads, 202- I St., Sacramento.
Heating—J. J. McDermott, P. O. Box 2405, Sacramento.
Steel Lockers—Durabilt Steel Locker Co., C. J. Waterhouse, Agent., 55 New Montgomery St., S. F.
Maple Floors—Forsberg & Frise, 1865 49th St., Sacramento.
Windows — Dalmo Sales Corp., 511 Harrison St., San Francisco.
Linoleum—J. E. Higgins Co., 475 Sutter St., San Francisco.

As previously reported, cafeteria equipment awarded to Mangrum-Holbrook Co., 1235 Mission St., San Francisco, $5468.40; stage rigging to General Seating Co., 160 Second St., San Francisco, $4222.

Contract Awarded.
TOILET BLDG. Cont. Price, $5377
PAJARO, Monterey Co., Calif.
One-story frame toilet building at grammar school.
Owner—Pajaro Grammar School Dist.
Architect—Chas. Butner, 51 Maple St. Salinas.
Contractor—Friend & Resh, P. O. Box 743, Watsonville.

Only other bid was submitted by P. T. Wallstrom, Watsonville, at $5980.

Contract Awarded.
SCHOOL Cont. Price, $8880
LAYTONVILLE, Mendocino Co., Cal.
One-story frame and rustic school.
Owner — Willitts Union Elementary School District.
Architect — N. R. Coulter, 46 Kearny St., San Francisco.
Contractor—Myrl R. Crane, 180 Santa Ane St., San Francisco.
Complete bids published June 12.

Bids Wanted—To Close July 27, 8 P.M.
RECON. SCHOOL Cost, $10,000
BURLINGAME, San Mateo Co., Calif. Paloma Avenue.
Partial reconstruction of McKinley Elementary School.
Owner—Burlingame Elementary School District.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $15.

BIDS WANTED
SAN FRANCISCO, Cal.—Until July 15, 1:45 p.m., informal bids will be received by Department of Public Works, Room 251, City Hall, for removal and renewing of tubes in boilers in the Lowell High School.
Further details may be obtained from R. A. Chishold, Supt. of Public Buildings, 484 11th Street.

Contracts Awarded
SCHOOL ADDITION
Cont. Price, $203,776
SACRAMENTO, Sacramento Co., Cal.
Sacramento Junior College.
One-story reinf. concrete 14-classroom addition and auditorium to seat 1500 at Sacramento Junior College (3rd unit).
Owner—Sacramento School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Contractor—C. L. Wold Construction Co., Ltd., 4412 Fulton St., San Francisco.
Structural Iron—Palm Iron Works. P. O. Box 746, Sacramento.
Electric—Luppen & Hawley, Inc., 3126 J St., Sacramento.
Window Shades—Wm. A. Rapp Co., 622 20th St., Sacramento.
Tile—H. O. Adams Tile Co., 911 26th St., Sacramento.
Roofing—Capital Roofing & Supply Co., 2011 2nd St., Sacramento.
Glass—W. P. Fuller Co., 1013 12th St., Sacramento.

BIDS WANTED
SAN FRANCISCO.—Until July 27, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing cafeteria equipment for Marina Junior High School.
Plans and specifications may be obtained from above office.

BIDS WANTED
GILROY, Santa Clara Co., Calif.—Until July 23, 2 P. M. (to be opened August 3, 2:30 P. M.) bids will be received by the Gilroy Elementary School District, Sydney S. Johnson, Clerk, for roofing of the Benjamin Ide Wheeler School in Gilroy.
Plans and specifications prepared by Architect W. H. Weeks and Harold Weeks, 593 Market St., San Francisco, and may be obtained from the District Superintendent of Schools in Gilroy.

CONTRACT AWARDED
SAN FRANCISCO—Frank J. Reilly, 6350 Fulton St., at $5201 awarded contract by Department of Public Works, for installation of cabinet and plumbing work at the Girls' High School, Scott and Geary Streets.

Plans Completed
RECON. AUDITORIUM Cost, $60,000
SALINAS, Monerey County, Calif.
Reconstruction and earthquake proofing of high school auditorium (enlarge the seating capacity, improve acoustics, etc.)
Owner—Salinas Union High School District.
Architect—Chas. Butner, 51 Maine St. Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans have been forwarded to the State Division of Architecture, Sacramento, and upon approval, bids will be asked.

Sub-Contracts Awarded
RECON. SCHOOL Cont. Price, $19,971
BURLINGAME, San Mateo Co., Calif.
Reconstruction of portion of Burlingame High School (work involves structural steel trusses, timber & concrete construction).
Owner—San Mateo High School Dist.
Structural Engineer—H. B. Hammill, 381 Bush St., San Francisco.
Contractor—A. Nelson, Inc., 242 Ocean Ave., San Francisco.
Structural Steel—Schrader Iron Wks., 1247 Harrison St., San Francisco.
Gunite—Cement Gun Constr. Co., 9 Main St., San Francisco.
Lumber—Chapman Lumber Co., 144 Spear St., San Francisco.
Electric — Abbett Electric Co., 126 Sears St., San Francisco.
Sheet Metal—Peninsula Heating Co., Burlingame.

Additional Contracts Awarded.
GYMNASIUM Cont. Price, $48,000
BAKERSFIELD, Kern Co., Calif.
Reconstruction, strengthening and rehabilitation of girls' physical education building at high school.
Owner—Kern Co. Union High School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Henry Eissler, 2228 18th St., Bakersfield.
Heating and Ventilating — Gundlach Plumbing Co., Bakersfield, $2454.
Plumbing—Bakersfield Plumbing Co., $5555.
New bids will be taken on electric wiring and plastering.

BIDS OPENED
ALAMEDA, Cal.—Empire Foundry, 429 Third St., Oakland, at $.095 submitted low bid to Alameda Board of Education, for furnishing and delivering furnace castings to replace broken and unserviceable castings in the furnace of the Haight and Washington School furnaces. Bids were:....
Empire Foundry, Oakland.....$.095
Murray & Co., Oakland..... .109
United Iron Works, Oakland..... .12
Bids held under advisement.

Bids Opened.
SCHOOL Cost, $——
OAKLAND, Alameda Co., Cal. Tenth and Union Streets.
Reconstruction, rehabilitation, earthquake proofing to Cole School (24-room brick tile building).
Owner—Oakland School District.
Architect—W. G. Corlett, Second Ave and E-Tenth St. (Oakland School Administration Bldg.)
Low Bidder — John E. Branagh, 116 Monticello Ave., Piedmont.
Complete bids follow:
John E. Branagh, Piedmont, $84,700
Carl N. Swenson, San Jose, $104,440.
Villadsen Bros., Oakland, $106,900.
Central California Constr. Co., San Francisco, $118,870.

Sub-Contracts Awarded
SCHOOL Cont. Price, $24,546
SALINAS, Monterey Co., Calif. East of Salinas.
One - story frame and stucco elementary school (four classrooms) flat roof.
Owner—Salinas Elementary School District.
Architect—Charles Butner, 630 Pajaro Street, Salinas.
Contractor—Albert Staton, 132 Oak Street, Salinas.
Roofing—County Roof Service, Salinas
Plumbing—Underwood & Hillman, Salinas.
Electric Wiring—Salinas Electric Co., Salinas.
Heating and Sheet Metal—Underwood & Hillman, Salinas.
Tile—C. L. Frost, Monterey.
Glass—Thos. H. French, Monterey.
Iron Grille Work—Hellwig Iron Works San Jose.
Lathing and Plastering—C. C. Jorgensen, Salinas.
Lumber—Square Deal Lumber Co. Salinas.
Mill Work — Pacific Mfg. Co., Santa Clara.
Painting—C. A. Smith, Salinas.
Concrete—W. A. Dontanville, Salinas.
Flooring—C. F. Finn, Watsonville.
Reinforcing Steel—Concrete Engineering Co., San Francisco.
Structural Steel—Hellwig Iron Works, San Jose.

Sub-Contracts Awarded
GYMNASIUM Contract Price, $54,949
SAN LUIS OBISPO, Cal. High School Campus.
One - story gymnasium (72x144 feet) steel frame structure, masonry walls, steel sash, maple floors, two sun decks, tile roof, electric wiring, metal skylights, stucco exterior, etc.
Owner—San Luis Obispo Board of Education.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—Theo. M. Maino, 1424 Mill St., San Luis Obispo.
Roofing—Kyle Roofing Co., San Luis Obispo.
Plumbing—Miller Plumbing & Sheet Metal Works, Santa Maria.
Electric Wiring—Clines Electric Shop, San Luis Obispo.
Lathing and Plastering—Carl Carlson, San Luis Obispo.
Lumber—Pacific Coast Coal Co., San Luis Obispo.
Painting—Acme Paint Store, San Luis Obispo.
Flooring—Pacific Coast Coal Co., San Luis Obispo.
Reinforcing Steel—Trojan Steel Co., Los Angeles.
Structural Steel—Schrader Iron Works 1247 Howard St., San Francisco.

Bids Wanted—To Close July 20, 2 P. M.
SCHOOL Cost, $——
MODESTO, Stanislaus Co., Cal. Site of Modesto High School.
One-story arts and crafts bldg.
Owner—Modesto City School District.
Architect—John J. Donavan, 915 Parker St., Berkeley.
Plans and specifications may be obtained from the architect.

Fred J. Early, Oakland and San Francisco, $121,770.

PLANNED
PORTERVILLE, Tulare Co., Cal.—Porterville Elementary School Dist. is considering calling an election in the near future, proceeds to finance construction of a new school in Porterville to replace the Morton Street School.

Preparing Preliminary Plans.
ELEMENTARY SCHOOL. $160,000
WATSONVILLE, Santa Cruz Co., Cal.
New elementary school.
Owner—Watsonville City School Dist. (T. S. MacQuiddy, Supt. of City Schools).
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Application will be filed with the PWA, and if approved, a bond election will be called.

Preparing Plans.
GYMNASIUM Cost, $125,000
WATSONVILLE, Santa Cruz Co.
Reinforced concrete gymnasium.
Owner—Watsonville City School Dist. (T. S. MacQuiddy, Supt. of City Schools).
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.
Application will be filed with the PWA, and if approved, a bond election will be called.

Plans Being Figured—Bids Close July 28, 8 P. M.
ALTERATIONS Cost, $2000
WOODLAND, Yolo Co., Calif.
Alterations to gymnasium and chemistry departments at high school.
Owner—Woodland High School Dist.
Architect — Dragon & Schmidts, 2068 Allston Way, Berkeley.
Plans and specifications may be obtained from the architects upon deposit of $5.

BIDS OPENED
SAN FRANCISCO, Calif. -- Ocean Shore Iron Works, 550 8th St., San Francisco, at $923, submitted low bid to Department of Public Works for removal and renewing of tubes in boilers in the Lowell High School. Only other bid was submitted by Boiler Tank and Pipe Company, at $1,134.
Bids held under advisement.

BIDS OPENED
SAN FRANCISCO, Calif. — Ocean Shore Iron Works, 550 8th Street, San Francisco at $187, submitted low bid to Department of Public Works for renewing tubes in boiler at the Andrew Jackson School. Only other bid was submitted by Boiler Tank and Pipe Company, at $373.45.
Bids held under advisement.

Bids Wanted—To Close July 29, 2:30 P. M.
AUDITORIUM Cost, $58,400
SAN FRANCISCO, Calif. 150 Brompton Street.
Reinforced concrete auditorium at Glen Park School.
Owner—City and County of San Francisco.
Architect—Lewis P. Hobart, 525 Market Street, and Bliss & Fairweather, Balboa Building.
Bids are being taken as follows:

	Est. Cost	Dep. for Plans
General Construction	$45,000	$25.00
Gen. Con. Includ. Mechanical Equipment Plumbing and Electric	$58,400	$55.00
Mechanical Eqip. & Plumbing	$ 9,600	$15.00
Electrical Work	$ 3,800	$15.00

Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall.

16—BANKS, STORES AND OFFICES

BIDS WANTED
SAN FRANCISCO, Calif. — Until July 29, 2:30 P. M. bids will be received by Department of Public Works, Room 251, City Hall for alterations in assessor's office. Spec. No. 4383. Est. cost, $8,200. Work includes removal of existing partitions, marble floors, counters, desk, plumbing, certain iron work and sheet metal, etc. and furnishing and installing new partitions including all metal studding, lathing, plastering, hardware, marble work, asphalt tile, sheet metal, mls. iron, painting and plumbing.
Plans may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall upon deposit of $15.00.

BIDS WANTED
SAN FRANCISCO, Calif. — Until July 22, 1:45 P. M., informal bids will be received by Department of Public Works, Room 251, City Hall for furnishing and installing 49½ yards of monks cloth in the Mayor's Office, City Hall. Spec. No. 4379.
Further information may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th Street.

Contract Awarded
REMODELING Cost, $14,000
BAKERSFIELD, Kern Co., Calif.
Addition and remodeling of department store (providing 25 feet additional frontage; 26,000 ft. additional floor space) lighting fixtures interior decorating, etc.
Owner—Harry Coffee Dept. Store (R. E. Paehlig, general manager).
Architect—Burke & Kober, Architects Bldg., Los Angeles.
Supervising Architect — Charles Biggar, Haberfelde Bldg., Bakersfield
Contractor—W. J. Ochs, Pacific Southwest Bldg., Fresno.

To Be Done By Day's Work
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 246-56 Mission.
Alterations to store building.
Owner—A. West, 137 Ninth Avenue.
Architect—Not Given.

Contract Awarded
OFFICE BLDG. Cost, $29,500
BAKERSFIELD, Kern Co., Calif.
Two - story and basement reinforced concrete office bldg. (40x105 ft.)
Owner—Shell Oil Co., Shell Building, San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Henry Eissler, Bakersfield

Contract Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. Kearny and Sutter Streets.
Alterations and additions to ten-story building (work involves painting, plastering, decorating, carpentry, etc.)
Owner—Sherman Clay & Co. (Dwight F. McCormack, vice-president and general manager).
Architect—W. W. Wurster, 260 California Street.
Consulting Interior Designers—Parrish & Co., New York City.
Contractor—Jas. L. McLaughlin, 251 Kearny Street.

Contract Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. 550 Motgomery St.
Alterations for offices in Scatena Bldg.
Owner—Capital Co., 625 Market St.
Plans by Construction Dept. of Owner.
Contractor—Langfelder and Schuster, 280 Wawona Street.
Plumbing, Heating and Ventilating—Alexander Coleman, 746 Ellis St.

CONTRACT AWARDED
SAN FRANCISCO—Dickson & Holbrook, 2180 Dwight Way, Berkeley, at $1698 awarded contract by State Department of Public Works for heating and ventilating system in the State Compensation Insurance Fund Office in the State Building, San Francisco.

Plans To Be Prepared.
ALTERATIONS Cost, $100,000
SEATTLE, Wash. SE Westlake Ave. and Pine Street.
Alterations to store and office building (three - story masonry structure).
Owner's Agent—Henry Broderick, Inc. Second and Cherry Sts., Seattle.
Lessee—Best's, Inc., Fifth Ave. and Pine St., Seattle.
Architect—McClelland and Jones, Republic Bldg., Seattle. 6

Air Conditioning Contract Awarded.
ALTERATIONS Cost, $25,000
FRESNO, Fresno Co., Calif. No. 1044 Fulton Street.
Alterations to Mason Building.
Owner—Mason Bldg., Premises.
Architect—Not Given.
Contractor—Villadsen Bros, 354 Hobart St., Oakland.
Air Conditioning—Scott Co., 113 10th St., Oakland. *

Contract Awarded
STORE Cost, $10,000
NAPA, Napa Co., Calif. Main and Brown Streets.
One-story hollow tile and reinforced concrete store building.
Owner—Theodore Bernhard, 815 Wilson St., Napa.
Plans by Leroy Hunt, 989 2nd St., Napa.
Contractor—Chas. Breuer, 1427 Main St., Napa.

Prospective Bidders.
TERMINAL BLDG. Cost, $715,300
YERBA BUENA SHOALS, Site of the 1939 World's Fair.
Three-story and basement reinforced concrete airport terminal building with control tower at center above roof and garage extension of basement, wood piling foundation, reinforced concrete walls, floors and roof slabs, etc. (Exposition Contract No. 7).
Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President), Financial Center Bldg., San Francisco.
Architect—George W. Kelham, chairman of Exposition Architectural Commission. W. P. Day, Director of Works.
Following have procured plans:
MacDonald — Kahn Co., Ltd., Financial Center Bldg.
Guy F. Atkinson Co., Russ Bldg.
M. B. McGowan, 504 Call Bldg.
Louis La Page, 580 Market St.
Barrett & Hilp., 918 Harrison St.
Duncanson Harrelson Co., deYoung Building.
Herrick Iron Works, 18th and Campbell Sts., Oakland.
Sheet Metal Service Co., 215 Octavia Street.
Victor Lemoge, 281 Natoma St.
M. J. Reeves Heating Co., 959 Natoma St.
Clinton Constr. Co., 923 Folsom St.
Rolph Mills & Co., Rialto Bldg.
Pacific Mfg. Co., 454 Montgomery.
Reed & Reed, 1116 Hearst Bldg.
A. Knowles, 982 Bryant St.
K. E. Parker Co., 135 South Park.
Guilfoy Cornice Works, 1234 Howard Street.
P. F Reilly, 401 Phelan Bldg.
Concrete Reinforcing Steel Co., Inc. Chronicle Bldg.
Minneapolis Steel Co., % C. J. Waterhouse Co., 55 New Montgomery Street.
All of San Francisco unless otherwise noted
Plans and specifications may be obtained at Room 605, S. F. Water Department Bldg., 425 Mason St., upon deposit of $30. Work must be completed by Dec. 15. A charge of $100 per day will be made for each day work is not completed after specified time.

Additional Sub-Contracts Awarded
BANK AND STORE Cost, $100,000
BURLINGAME, San Mateo Co., Calif. Burlingame Ave. 308 ft. W Primrose Road.
One - story reinforced concrete bank and store building.
Owner—San Francisco Bank, 526 California St., San Francisco.
Architect—W. D. Peugh, 3 3 3 Montgomery St., San Francisco.
Contractor—Cahill Bros., 206 Sansome Street, San Francisco.
Mill Work—Pacific Mfg. Co. 451 Montgomery St., San Francisco.
Sheet Metal — Izmarian Roofing and Sheet Metal Works San Mateo.
The glass contract will be awarded shortly. Other awards reported June 9th.

Sub-Contracts Awarded.
STORE Cost, $85,000
OAKLAND, Alameda Co., Cal. Moss Avenue and Broadway.
One-story reinforced concrete store building (200x300 ft.)
Owner—Andrew Williams.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Victor Kaufenberg, 80 E. Fifth St., Pittsburg.
Roofing — Heathorn Roofing Co., 354 Hobart St., Oakland.
Plumbing and Heating — Madden Plumbing & Heating Co., 3121 San Pablo Ave., Oakland.
Electric Wiring — California Electric Co., 1125 Oak St., Oakland.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Glass—W P. Fuller & Co., 259 10th St., Oakland.
Iron Grille Work — Frauneder Iron Works, 335 8th St., Oakland.
Lathing and Plastering—Wm. Makin, 2141 Livingston St., Oakland.
Lumber — E. K. Wood Lumber Co., and Hogan Lumber Co., Oakland.
Mill Work — Oakland Planing Mill, 105 Washington St., Oakland.
Painting—J. F. Ecker, 17 W. Poplar St., Stockton.
Concrete — Nat Lena, 1174 19th St., Oakland.
Excavation — Ariss Knapp Co., Inc. 961 41st St., Oakland.
Roofing Construction—La Milla Trussless Roofing Co.
Structural Steel—Judson Pacific Co., Foot of Park Ave., Oakland.

Bids Opened.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal NE Twelfth and K Streets.
Alterations and additions to store.
Owner—Remick & Bassett.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Low Bidder—Frank Maloney, 3172 T St., Sacramento.
Complete bids follow:

Frank Maloney	$41,821
C. J. Hopkinson	42,498
H. W. Robertson	42,866
W. E. Truesdale	43,186
Campbell Constr. Co.	43,988

All of Sacramento.
Bids held under advisement.

Contract Awarded
STORE Cost, $10,000
CHICO, Butte Co., Cal. Third St.
One-story steel store building (30x70-feet) stucco exterior, decorative plaster, structural glass, etc.
Owner—J. H. Morrison, San Jose.
Architect—L. Brouchoud, Chico.
Lessee—J. Irving Bedford Jewelry & Gift Shop, Chico.
Contractor — Merrick Evans, Liberty Lane, Chico.

Low Bidder
OFFICE BLDG. Cost, $880
OAKLAND, Alameda Co., Calif. Outer Harbor, Old Parr Terminal
Two-story frame office building, stucco covered (37x45 ft.)
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Low Bidder—F. C. Stolte, 3449 Laguna Ave., Oakland.

Preparing Working Drawings.
OFFICE BLDG. Cost, $75,000
SANTA CRUZ, Santa Cruz Co., Calif. Upper Pacific Avenue.
Two-story reinforced concrete office building (50x130 ft.)
Owner—Coast Counties Gas & Electric Co., Santa Cruz.
Architect—Alben Froberg, 1955 Webster St., Oakland.
Bids will be asked in about thirty days.

PLANS BEING FIGURED—BIDS CLOSE JULY 21
HUNTINGTON PARK, Los Angeles Co., Calif.—Architect Claud Beelman, 1019 Union Bank Bldg., Los Angeles, is taking bids from a closed selected list of contractors for a three-story and basement Class A reinforced concrete store building, 57x150 feet in area, to be built at Pacific Ave. and Zoe St., Huntington Park for D. Sommer; Eastern Stores, lessees.

Sub-Contracts Awarded.
STORE Cost, $8400
SAN MATEO, San Mateo Co., Calif Lot 12 Blk 9, N.W. Twenty-fifth St. and El Camino.
Store building.
Owner—Renhardt-Frommer.
Architect—Not Given.
Contractor—B. George Van Aalst, 401 West Portal Ave., San Francisco.
Roofing—Jack Johnson Roofing Co., 3365 Army Street.
Plumbing—Daniel Hayes, 1657 Market Street.
Electric Wiring—Medley Electric Construction Co., Burlingame.
Sheet Metal—Colan Sheet Metal Co., 1060 Folsom Sreet.
Tile Work—A. Baldanzi & Co., 1212 20th Avenue.
Glass—W. P. Fuller & Co., 301 Mission St.
Lumber — Rolando Lumber Co., 301 Berry Street.
Mill Work—Eureka Planing Mill.
Hardware—Palace Hardware Co., 581 Market Street.
Concrete—Ward Sheenan.
All of San Francisco unless otherwise noted.
Bids are being taken on lathing and plastering and on painting.

Sub-Contracts Awarded.
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Cal. No. 2180 Shattuck Avenue.
Alterations for restaurant.
Owner—F. W. Woolworth Co., Financial Center Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Supt. of Constr. — F. W. Ebersole.
Roofing—Guy Tyler, Berkeley.
Plumbing—Arthur Johnson, Berkeley.
Electric Wiring—White Electric Co., Berkeley.
Heating—Arthur Johnson, Berkeley.
Sheet Metal—J. C. Owens, Berkeley.
Tile—Rigney Tile Co., Oakland.
Glass — Cobbledick Kibbe Glass Co., Oakland.
Iron Grille Work—Herrick Iron Wks. Oakland.
Brick Work — Stephen McPherson, Berkeley.
Stone Work—California Cut Stone & Granite Co., South San Francisco
Lathing and Plastering—Joe Giachetta, Berkeley.
Lumber—Tilden Lumber Co., Berkeley.

Steel Sash—Soule Steel Co., San Francisco.
Mill Work — Mullen Mfg. Co., San Francisco.
Hardware — Maxwell Hardware Co., Berkeley.
Concrete—A. A. Johnson, Berkeley.
Flooring—Witter & Clark, Oakland.
Reinforcing Steel—Herrick Iron Wks. Oakland.
Structural Steel — Independent Iron Works, Oakland.

Contract Awarded.
ALTERATIONS Cost, $1500
ALAMEDA, Alameda Co., Cal. No. 1305-1311 Park Street.
Alterations to store building.
Owner—Mrs. J. Goldbaum, 2133 Santa Clara.
Architect—Not Given.
Contractor—P. Royal Haulman, 1343 Broadway, Oakland.

Contract Awarded
OFFICE BLDG. Cost, $8800
OAKLAND, Alameda Co., Calif. Outer Harbor, Old Parr Terminal.
Two-story frame office building, stucco covered (37x45 ft.)
Owner—General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

17— THEATRES

Contract Awarded.
THEATRE Cost, $——
WOODLAND, Yolo Co., Calif. Main and Elm Streets.
Class A theatre building (to seat approximately 600).
Owner—J. F. Garrette, Woodland.
Architect—Not Given.
Contractor—E. L. Younger, 925 Main St., Woodland.

Preparing Working Drawings.
THEATRE Cost, $60,000
BRENTWOOD, Contra Costa Co., Cal. First Street.
Stadium type theatre to seat 1,000; conc. construction, steel trusses; wood frame interior; air conditioning system, steam heating plant.
Owner—Petersen Theatre Circuit, 25 Taylor St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Bids will be asked in three or four weeks.

Owner Taking Bids.
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal K Street bet. Fifth and Sixth Sts.
Alterations to Capital Theatre (work involves decorating, new wiring, plastering, hot air heating system, air conditioning system, etc.)
Owner—T. and D. Theatres, and Fox West Coast Theatres, 25 Taylor St., San Francisco.
Plans by Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 526 Market St., San Francisco.

Plans Being Figured—Bids Close July 27, 10 A. M.
THEATRE Cost, $——
JACKSON, Amador County, Calif.
Two-story theatre building (theatre to seat 700 and two stores on ground floor; 4 offices on second floor) reinforced conc. construction; Class C; gravel roof; wood sash; Summerbell trusses; (50x130 ft.) heating and ventilating system.
Owner—Pam & Pierovich.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Bids will be opened in Jackson.

18— WHARVES & DOCKS

BIDS OPENED
SAN DIEGO, Cal.—H. J. McKinley, 9305 Burton Way, Beverly Hills, at $9450, submitted low bid to 11th Naval District, San Diego, for painting fuel oil pier at the Naval Operating Base (Fuel Depot), San Diego. Spec. No. 8190.
Complete bids follow:
H. J. McKinley, Beverly Hills, $9450.
Wm. Geifan, Los Angeles, $10,660.
Jess B. Worthington, San Diego, $16,715.
Bids held under advisement.

BIDS OPENED
SAN FRANCISCO—Duncanson Harrelson Co., deYoung Bldg., at $6794 submitted low bid to State Board of Harbor Commissioners, for reconstructing the wharf on the south side of Channel Street, between 5th and 6th Streets.
Complete bids follow:

Duncanson Harrelson Co.	$ 6,794.00
Ben C. Gerwick	7,709.40
A. W. Kitchen Co.	9,503.15
M. B. McGowan	10,005.50
Healy Tibbitts Constr. Co.	11,104.50

Bids held under advisement.

BID OPENING DATE POSTPONED
BALBOA, Canal Zone—Until July 29, 11 A. M. (date postponed from July 15) bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 7820, for construction of a reinforced concrete wharf, bituminous macadam road and water and electrical services at the Naval Ammunition Depot, Balboa, C. Z. An addendum calling for alternative bid items will be issued later and a new date set for opening of bids. Estimated cost, $450,000.

CONTRACT AWARDED
SAN DIEGO, Cal.—H. J. McKinley, 9305 Burton Way, Beverly Hills, at $9,450 awarded contract by the Navy Department for painting fuel oil pier at the Naval Operating Base (Fuel Depot) San Diego. Spec. No. 8190.

19—MISC. CONSTRUCTION

BIDS WANTED
KNIGHTSEN, Contra Costa Co., Calif. — Until July 27, bids will be received by Jerry Morgan, Clerk, Knightsen Grammar School District, for the purchase of windmill, pump, tank and frame, complete as now standing upon the Knightsen Grammar School grounds.
Further details may be obtained from above office.

BIDS OPENED
SAN FRANCISCO, Calif.—General Engineering & Dry Dock Co., 1100 Sansome Street, San Francisco, at $58,134.75 (completion in 35 days), submitted low bid to the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-36-42, for drydocking, painting, and repairing the U. S. Seagoing Hopper Dredge "Culebra".
Complete bids follow:
General Engineering & Dry Dock Co., S. F.: (1) hull, $26,844.24; (2) machinery, $31,362; (3) total, $58,206.25; (4) allowance for scrap, $72.50; (5) net total, $58,134.75; (6) completion time, 35 days.
Bethlehem Shipbuilding Corp., S. F. (1) $28,212.28; (2) $34,163; (3) $62,375.25; (4) $75; (5) $62,300.25; (6) 38 days.
Moore Dry Dock Co., Oakland: (1) $30,258.25; (2) $34,208.50; (30) $64,466.75; (4) $62.50; (5) $64,404.25; (6) 40 days.

Planned
SWIMMING POOL Cost, $20,000
PITTSBURG, Contra Costa Co., Calif.
Swimming pool (110x45-ft.)
Owner—City of Pittsburg.
Architect—Not Given.
Application will probably be filed with the WPA to finance the project.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED
LOS ANGELES, Cal. — Bethlehem Steel Co., Slauson Ave. and Downey Road, awarded contract by the U. S. Engineer Office at $833,800, for furnishing 37,800,000 lbs. steel reinforcing bors under Circ. Prop. No. 741.

CONTRACT AWARDED
OAKLAND, Cal.—Stauffer Chemical Co., 636 California St., San Francisco, at $2833 awarded contract by the East Bay Municipal Utility District, Oakland, under Informal Proposal No. 768, for furnishing 100 tons of aluminum sulphate.

BIDS OPENED
LOS ANGELES, Cal.—Western Pipe & Steel Co., 5717 Santa Fe, submitted low bid to the U. S. Engineer Office, at $20,713.08, for furnishing corrugated metal pipe band couplers and automatic drainage gates under Circ. Prop. No. 798.
The bids were:
Western Pipe & Steel Co.: (1) $771 30; (2) $19,938.78; total, $20,713.08; net.
California Corrugated Culvert Co.: (1) $769.42; (2) $20,160.11; total, $20,929.53; discount, ½ of 1%.

CONTRACT AWARDED
SAN FRANCISCO. — American Bitumuls Co., 200 Bush St, at $2907.50, awarded contract for supplying emulsified asphalt stabilizer, under Bid No. 1580, by T. A. Brooks, Purchaser of Supplies, San Francisco.

CONTRACT AWARDED
SAN FRANCISCO. — Gray Electric Supply Co., 154 8th Street, at $1414 awarded contrac for No. 8 solid copper wire, insulated under Bid No. 1530 by T. A. Brooks, Purchaser of Supplies, San Francisco.

CONTRACT AWARDED
SAN FRANCISCO. — Pacific States Const. Co., 708 Call Bldg., at $10,776 awarded contract for asphaltic concrete wearing surface, laid, under Bid No. 1604, by T. A. Brooks, Purchaser of Supplies, San Francisco.

BIDS OPENED
LOS ANGELES, Calif. — Bids for furnishing Nos. 1 and 2 Douglas fir common or Sitka spruce, as required for a period of one year, Spec. 1999, were opened by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, July 11
The bids were:
Daugherty Lumber Co.: Delivery A, Proposal 1, two years: bid $13.70 on all items except (9); bid $11 on item (9); no bid on delivery C; 1 Alt. "A", 1 year, no bid; 1 Alt., "B", 6 months, bid $13 on all items except (9); bid $11 on item (9). No bid on delivery "b". Discount 2% 30 days.
Clover Valley Lumber Co.: Bid on 2-year period under delivery "a" only, $23.50. Discount 2%, 20 days
Hammond Lumber Co.: Bid under item 1-Alt. "B", 6 months, delivery "a", as follows: $25 on all items except (9); bid $21 on (9). No other bids under delivery "a". Delivery "b", bid "1-Alt.-A", one year period only, $35 on all items except (9); $31 on item (9). Optional delivery "C", fob Department's four construction camps, bid for 6-month period only, $40 on all items except (9); $36 on item (9). Discount 2%, 20 days.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Division, Treasury Dept., Room 514, 49 Fourth St., for furnishing miscellaneous supplies for use on WPA projects, as follows:

JULY 21, 10 A. M.:

BID NO. 2038: Plumbing supplies; fob Zoological Gardens, Sunset Blvd. near Skyline, S. F.;

BID NO. 2027: 7400 gals. of emulsified road oil and 3300 gals. binder; fob bidder's plant in or near Oakland;

BID NO. 2030: 10,000 gals. emulsified asphalt stabilizer; fob Bret Harte School, Hayward;

BID NO. 2033: 31,800 l.f. cable, 700 ft. conduit, 10 lbs. copper wire, 53 boundary lights; fob Oakland Municipal Airport, Bay Farm Island.

JULY 22, 10 A. M.:

BID NO. 2043: One fuel oil burner; fob Glen Park Recreation Center, Elk and Bosworth Sts., S. F.;

BID NO. 2039: One horizontal pump, one single stage, centrifugal; fob Zoological Gardens, Sunset Blvd. near Skyline, San Francisco.

Specifications obtainable from above office *

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Dept., Washington, D. C., as follows:

TRUCK, 1 straddle-type; Mare Island. Sch. 8368; July 21.

MACHINE, 19 kitchen and cake, electrically operated, & spares; Mare Island. Sch. 8376; July 21.

BENZOL, 2,800 gals. technical; Mare Island. Sch. 8385; July 24.

STEEL, 2,280 lbs. corrosion-resisting plate; Mare Island. Sch. 8394; July 24.

STEEL, 80,000 pounds black medium plate; Mare Island; Sch. 8392; July 24.

Information obtainable from above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

WAR DEPARTMENT

FORT MASON, Cal.—Until July 27, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-8, for furnishing 4,106 galvanized iron fire buckets, zinc coated.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until July 21, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-2, for furnishing soldering iron tips, glaziers points, scrub brush handles, tin sprayers, brass wood screws, heavy lock washers, stove pipes, grease cups, oil cups, oiling grinder, pressure gauge, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office.

SANTA CLARA COUNTY

SANTA CLARA, Santa Clara Co., Cal.—Until July 20, bids will be received by the Board of Trustees of the Santa Clara Union High School, Santa Clara, Nadine Bollinger, Clerk, for furnishing one Barshow and Baleria bus body of 36 to 42-student capacity, and one Reo bus chassis, 15,000 pounds capacity.

Specifications obtainable from above office.

RECLAMATION BUREAU

ALL - AMERICAN CANAL.—Until August 3, 2 P. M., bids will be received by the Bureau of Reclamation, Custom House, Denver, under Spec. No. 690, for furnishing and delivering fob cars at the shipping point and/or Potholes, Calif., welded plate steel pipe and appurtenances for six sludge disposal pipe headers; cast-iron pipe, cast - iron fittings, and sleeve - type couplings for plain end and cast-iron pipe for 72 branch collector pipes; miscellaneous metal work, including stairs, ladders, handrailings, face angles, access chamber and manhole covers and supports, for the desilting basins at the Imperial Dam and desilting works, All-American canal system, Boulder Canyon Project.

The materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $1.50, not returnable.

SAN FRANCISCO CITY

SAN FRANCISCO—Until July 20, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing 26 tables and 120 chairs to be fabricated from aluminum alloy for the San Francisco War Memorial.

Specifications and proposal blanks may be obtained from above office.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until July 22, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 772, for furnishing approximately [illegible] tons of copper sulphate.

Specifications obtainable from the above office. *

WAR DEPARTMENT

SACRAMENTO, Cal.—Until July 20, 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 37-9 for the rental of a tow boat, 40-hp. gasoline, diesel or distillate engine-propelled.

(a) 8-hour shifts when operated by the United States intermittently on a shift basis, 40 hours.

(b) 40 hours when operated by the United States intermittently on an hourly basis.

Specifications obtainable from above office.

FORT MASON, Cal.—Until July 24, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-7, for furnishing 47,600 barrels Bunker B fuel oil.

Specifications obtainable from above office. *

CALIFORNIA STATE

BISHOP, Mono Co., Cal.—Until July 24, 10 A. M., bids will be received by the State Purchasing Agent, Rm. 319 State Capitol, Sacramento, under Quotation 1382, Req. B 1347, for furnishing one ½-yard full revolving track-laying type shovel with stand, length boom for loading into trucks.

Delivery to Division of Highways, Shop 9, fob Bishop.

Specifications obtainable from above office

SAN LUIS OBISPO, Cal.—Until July 24, 10 A. M., bids will be received by the State Purchasing Agent, Rm. 319 State Capitol, Sacramento, under Quotation No. 1798, Req. No. 1368, for furnishing one ½-yd. full revolving shovel mounted on crawlers.

Delivery to Division of Highways, Sop 5, fob San Luis Obispo.

Specifications obtainable from above office.

OAKLAND, Cal.—Until July 21, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 2081, Req. No. 10939, for furnishing one dual-drive pneumatic - tired motor grader with scarifier.

Delivery to Division of Highways, Shop 4, fob Fruitvale, Oakland.

Specifications obtainable from above office. *

OAKLAND, Cal.—Until July 21, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation 2082, Req. No. 10928, for furnishing one 6-ton, 3-wheeled road roller with scarifier.

Delivery to Division of Highways, Shop 4, fob Fruitvale, Oakland.

Specifications obtainable from above office. *

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ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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28.—Fire Equipment
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30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

CONTRA COSTA COUNTY, Cal.—Until August 3, 11 A. M., bids will be received by the Contra Costa County Board of Supervisors, S. C. Wells, Clerk, Hall of Records, Martinez, for the removal of the existing bridge and the construction of the Anderson Bridge over Walnut Creek on the Ygnacia Valley road, east of the city limits of Walnut Creek. Estimated cost, $9,930.65.

The work involves:
(1) 440 l.f. steel piling;
(2) 103,201 pounds structural steel;
(3) 23,570 pounds reinforcing steel;
(4) 241.4 c.y. concrete;
(5) Lump sum, wood railing.

Plans and specifications obtainable from the office of County Surveyor R. R. Arnold, Martinez. *

BIDS WANTED

CONTRA COSTA COUNTY, Cal.—Until August 3, 11 A. M., bids will be received by the Contra Costa County Board of Supervisors, S. C. Wells, Clerk, Hall of Records, Martinez, for the construction of the Moraga bridge over San Leandro Creek, between Moraga and the Redwood Canyon, and for the removal of the existing bridge. Estimated cost, $6,108.38.

The work involves:
(1) 540 l.f. steel piling;
(2) 45,206 pounds structural steel;
(3) 19,230 pounds reinforcing steel;
(4) 108.1 c.y. concrete;
(5) Lump sum, wood railing.

Plans and specifications obtainable from the office of County Surveyor R. R. Arnold, Martinez. *

SUB-CONTRACTS AWARDED

ALAMEDA COUNTY, Cal.—Eaton & Smith, 715 Ocean Ave., San Francisco, the general contractor for constructing six undergrade crossing structures under the tracks of the Southern Pacific and Western Pacific Railroads near Niles, has awarded the following sub-contracts:

Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.

Structural Steel—Ingalls Iron Works, 240 Montgomery St., San Francisco. *

BIDS WANTED

VENTURA COUNTY, Calif.—Until August 6, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for constructing a reinforced concrete bridge across San Antonio Creek, 7.5 miles north of Ventura, consisting of three 55-foot and two 26-foot girder spans on concrete piers and abutments.

The work involves:
(1) 45 M. gals. water;
(2) 1,200 c.y. struc. excav.;
(3) 5,000 c.y. rdwy. excav.;
(4) 700 c.y. Class A Portland cement concrete (struc.);
(5) 102 c.y. Class A Portland cement concrete (footing blocks);
(6) 147,000 lbs. bar reinf. steel;
(7) 4.5 MFBM redwood timber, select, dense, all-heart, structural grade;
(8) 520 pounds bronze;
(9) 2,282 l.f. furnishing treated Douglas fir piles, including test piles;
(10) 100 each driving piles, inc. test piles;
(11) 155 c.y. Class A Portland cement concrete (slope paving);
(12) 1 only existing bridge to be removed;
(13) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles. * 21

BIDS OPENED

SAN LUIS OBISPO CO., Calif.—F. C. Stolte, 3449 Laguna Ave., Oakland, at $7,180 submitted the only bid received by the Division of Highways, L. H. Gibson, Disrict Engineer, 50 Higuera St., San Luis Obispo, for removing an existing bridge and constructing new steel and timber bridge and grading approaches, about 38 mi. east of Santa Margarita at San Juan Creek, San Luis Obispo County.

Unit bids follow:
(1) Lump sum, removing and disposing of existing bridge, $700;
(2) 3,000 c.y. rdwy. excav., $0.90 per c.y.;
(3) 75 c.y. structure excav., $2.50 per c.y.;
(4) 550 lbs. reinforcing steel, $0.08 per pound;
(5) 14 c.y. Portland cement concrete, Class A $30 per c.y.;
(6) Lump sum, structural steel (haul and erect) $765;
(7) 4.5 MFBM Douglas fir timber $67 per MBM;
(8) 16 MFBM dense, select, all-heart, structural redwood, $91 per M B M;
(9) 3.5 MFBM select, all-heart struc. redwood, $116 per MBM;
(10) Lump sum, misc. items of work, $200.00. *

LOW BID

SAN LUIS OBISPO COUNTY—John Fesler, P. O. Box 481, Santa Maria, at $14,480 submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for redecking existing bridge across Santa Maria River, one-half mile north of Guadalupe, San Luis Obispo County.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Complete bids will be published shortly. *

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

SAN FRANCISCO.—Until July 30, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, Lieut. Col. J. A. Dorst, District Engineer, under Bid No. ER-868-37-1, for the lease and operation of one cutter-head pipe line dredge in San Francisco Bay in the vicinity of Yerba Buena Shoals.

The dredge and plant are to be used for construction of a fill from material dredged in the borrow area. The different features of the work will require pipe line approximately 6,000 ft. to 9,000 ft. long. Six hundred feet of submerged line and 1,500 feet of pontoon discharge line, with satisfactory pontoons and connections will be required at times. A minimum of 6,000 feet of suitable shore pipe will be required.

The dredge shall be of sufficient size to excavate, transport and deposit not less than 250,000 c.y. per month of the material. The cuttear-head ladder shall be of sufficient length that the dredge will efficiently dredge material at a depth of 45 ft.

Specifications obtainable from above office. * 9

PLANNED

BENICIA, Solano Co., Calif.—City Council has appointed William Dykes of the Chamber of Commerce to contact an engineer to compile the necessary data on the formation of a port at Benicia, and to present it to the U. S. Engineer Office.

BIDS WANTED

PEARL HARBOR, T. H. — Until August 5, 11 A. M., as previously reported, bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8266, for channel improvement at the 14th Naval District, Pearl Harbor.

The quantity of material to be dredged is estimated at 2,760,000 c.y. place measurement, and 552 calendar days will be allowed for completion. For each 5,000 c.y. of material more or less than 2,760,000 c.y., one calendar day will be allowed or deducted for completion.

Bid security in the amount of $50,000 must accompany each bid.

Plans and specifications obtainable from the above office and from the Commandant, 14th Naval Dist., Navy Yard, Pearl Harbor, and the Commandant, 12th Naval District, Federal Office Bldg., San Francisco, upon deposit of $10. *

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until July 20, 2 P. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, County Clerk, for painting four bridges, including the new Fort Seward span, a bridge at Arlinda across the Salt River, the Bear River bridge, and the Petrolia bridge over the Mattole River; and placing armor coat surfacing on the Fort Seward, Petrolia and Indian Creek bridge near Cummings ranch.

Specifications obtainable from office of County Surveyor Frank E. Kelly, Second and K Streets, Eureka.

CONTRACT AWARDED

SACRAMENTO, Calif.—D. McDonald, 204 23rd St., Sacramento, at $85,348.70 awarded contract by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-36-250, for setting back, raising, and strengthening the existing levee and constructing new levee along the easterly side of the Sacramento north of Moulton Weir, up miles north of Moulton Weir, up stream to a point where the Princeton-Butte City Road crosses the east levee of the Sacramento River, a distance of approximately 7.2 miles. The total volume of earth to be placed in embankment is approximately 390,000 cu. yds.

BIDS OPENED

SACRAMENTO, Calif. — Hydraulic Dredging Co., Ltd., Central Bank Bldg., Oakland, at $0.153 per c.y.; total, $91,800, submitted low bid to the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-10, for dredging approximately 600,000 c.y. of material from the Sacramento River, between "M" Street Bridge and the vicinity of "Y" Street bend, a distance of approximately 1.1 miles.

San Francisco Bridge Co., at $0.162 per c.y.; total, $97,200, submitted the only other bid.

BIDS WANTED

PEARL HARBOR, T. H.—Until August 5, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8266, for channel improvement at the 14th Naval District, Pearl Harbor.

Plans and specifications obtainable from the above office and from the Commandant, 14th Naval Dist., Navy Yard, Pearl Harbor, and the Commandant, 12th Naval District, Federal Office Bldg., San Francisco, upon deposit of $10.

BIDS OPENED

OREGON and Washington. — Gilpin Const. Co., Henry Bldg., Portland, at $258,095 on Alt. 1, and Puget Sound Bridge & Dredging Co., 2929 16th S. W., Seattle, at $277,260 on Alt. 2, submitted low bids to the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-36-407, for channel improvement in the Columbia River, Oregon and Washington, from Celilo Falls to Umatilla.

The work involves:

(a) 53,000 c.y. gravel excavation in Miller's Drift Area, 66.3 to 66.81 miles above Celilo;

(b) 11,200 c.y. rock excavation, Devils Bend Rapids, 84.38 to 85.03 miles above Celilo; (alternate bids for 21,170 c.y.);

(c) 3,310 c.y. rock excavation, Devils Bend Rapids, 83.89 to 84.38 miles above Celilo (alternate bids for 5,220 c.y.

Bids were taken as follows:

ALTERNATE I

(1) 53,000 c.y. gravel excavation;

(2) 14,510 c.y. rock excavation;

ALTERNATE II

(3) 53,000 c.y. gravel excavation;

(4) 26,390 c.y. rock excavation.

Complete bids follow:

Gilpin Const. Co., Portland: Alt. 1, $258,095; Alt. 8, $306,300.

Puget Sound Bridge & Dredging Co., Seattle: Alt. 1, $275,537.50; Alt. 2 $277,260.00.

Siems-Helmers Co., St. Paul, Minn.: Alt. 1, $296,325; Alt. 2, $306,300.

F. J. Kernan, Portland: Alt. 1, $501,550; Alt. 2, $501,685.

Bids held under advisement.

BIDS OPENED

SAN JOAQUIN CO., Calif.—Franks Contracting Co., 260 California Street, San Francisco, at $49,050 submitted the low bid to U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for dredging approximately 450,000 cubic yards of material from the San Joaquin River 30-foot channel near Stockton, from a point about 0.5 mile downstream from the turning basin to a point about 0.8 mile downstream from Burns cut-off, a distance of approximately 3.3 miles.

The following bids were received:

Franks Contr. Co., San Francisco: (c. y.) $0.109; (total) $49,050.

San Francisco Bridge Co., S. F.: (c.y.) $0.166; (total) $74,700.

Hydraulic Dredging Co., Oakland: (c. y.) $0.172; (total) $77,400.

Engineer's estimate: (total) $58,095.

23— CANALS

BIDS OPENED

SACRAMENTO, Cal.—D. McDonald, 204 23rd St., Sacramento, at $85,348.70 submitted low bid to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-36-250, for setting back, raising and strengthening the existing levee and constructing new levee along the easterly side of the Sacramento River from a point about 0.3 miles north of Moulton Weir, up stream to a point where the Princeton-Butte City Road crosses the east levee of the Sacramento River, a distance of approximately 7.2 miles. The total volume of earth to be placed in embankment is approximately 390,000 cu. yds.

The work involves:

(1) 390,000 cu. yds. levee embankment, in place;

(2) 85 cu. yds. road gravel, in place;

(3) 16 tons "Oroville Cobbles," or equal, in place;

(4) 322 ft. corrugated iron pipe, 24-in. diam., No. 14 ga. with necessary 24-in. diam. band couplers, all in place;

(5) 148 ft. corrugated iron pipe, 30-in. diam., No. 14 ga., with necessary 30-in. diam. band couplers, all in place;

(6) 192 ft. corrugated iron pipe 36-diam., No. 12 ga., with necessary 36-in. diam. band couplers, all in place;

(7) 8 each corr. iron cut-off sheets 49½-in. x 50-in., No. 12 ga., to fit 24-in. diam. corrugated iron pipe, all in place;

(8) 4 each do, to fit 30-in. diam., do:

(9) 2 each corrugated iron cut-off sheets, 60½-in. x 60-in., No. 12 ga., to fit 36-in. diam. corrugated iron pipe, all in place;

(10) 3 each, Calco No. 101 slide headgate, 24-in. diam., 12-ft. gate frame, or equal, all in place;

(11) 1 each, Calco No. 101 side headgate, 24-in. diam., 14-ft. gate frame, or equal, in place;

(12) 2 each, Calco No. 101 slide headgate, 30-in. diam. 12-ft. gate frame or equal, both in place;

(13) 1 Calco No. 101 slide headgate, 36-in. diam., 14-ft. gate frame, or equal, in place;

(14) 2 each pedestal gate lifts, double geared, ball bearing type, equal to Calco Model No. 291, both in place;

(15) 2 each gate stems and forks, equal to Calco Model No. 172, all in place;

(16) 4 each gate stem guides, adjustable type, equal to Calco, "Adjustable Stem Guides," all in place;

(17) 116 cu. yds. Class A concrete, in place;

(18) 8840 lbs. reinforcing steel, in place;

(19) 4400 lbs. structural steel, in place;

(20) 1020 ft. b.m. Oregon pine lumber in place as Flashboards in spill boxes and decking on walkway of structure at Station 149+40;

(21) 210 ft. b.m. Redwood lumber, structural grade, in place as gates in Structure at Station 149+40.

Existing Structures and Facilities to be removed and wasted

(22) Lump sum, Station 35+00: Existing 4½-ft. x 5-ft.x10-ft. reinforced concrete well, 5-ft. x 15 ft, reinforced concrete headwall wooden boxes and approximately 32 ft. of 30-in. steel riveted pipe;

(23) 1500 ft. asphalt road-side mix surfacing on County Highway, between Station 201+50 and Station 215+00;

(24) Lump sum, Station 149+40: Existing wooden wing and headwall, average height 32 ft. and an approximate length of 92 ft.

ADDENDA

(10-a) One Calco No. 101 slide headgate, 24-in. diameter, 10-ft. gate frame or equal, in place.

Total bids follow:

(A) D. McDonald, Sacramento, $85,348.70.

(B) M. J. Ruddy and G. E. Murray, Modesto, $89,395.04.

(C) A. Teichert & Son, Inc., Sacramento, $109,306.70.

(D) Morrison - Knudsen, Inc., S. F., $112,490.09.

(E) Olympian Dredging Co., S. F., $114,230.24.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	$ .189	$ .20	$ .25	$ .26	$ .23
(2)..	2.00	3.10	3.00	1.70	2.80
(3)..	5.00	5.00	4.00	6.00	7.00
(4)..	4.00	5.00	4.00	3.96	4.22
(5)..	5.50	6.25	5.00	5.00	5.06
(6)..	7.00	9.75	7.25	7.48	7.68
(7).	12.00	10.50	15.00	11.07	14.50
(8)..	13.00	10.50	15.00	11.07	16.00
(9)	18.00	15.00	20.00	16.40	27.00
(10)..	55.00	60.00	62.50	55.20	54.00
(11)..	60.00	60.00	65.00	56.39	68.00
(12)..	70.00	75.00	90.00	82.78	96.00
(13)..	90.00	85.00	110.00	95.04	124.00
(14)	120.00	128.25	140.00	126.45	134.50
(15)..	60.00	49.32	70.00	63.50	73.00
(16)..	7.00	5.00	10.00	5.15	10.00
(17)..	32.30	30.00	30.00	27.00	35.25
(18)..	.06	.06	.06	.075	.09
(19)..	.15	.09	.20	.11	.191
(20).	.08	.60	.10	11	.095
(21)..	.12	.10	.12	.13	.345
(22)..	150.00	150.00	125.00	154.40	303.00
(23)..	.10	.60	.40	.50	.372
(24)..	500.00	100.00	125.00	80.00	345.00
(10a)	50.00	.....	60.00	53.91	54.00

CONTRACT AWARDED

SNAKE RIVER PROJECT, Idaho—Otis Williams Co. and Brent Strugill Co., Vale, Oregon, bidding jointly, at $124,530.75 awarded contract by the Bureau of Reclamation, H. A. Parker, Construction Engineer, Ashton, Idaho, under Spec. No. 683, for constructing diversion dam, canal headwork, and earthwork, canal lining, and structures for the Cross Cut Canal, Upper Snake River Project, near Chester, Idaho.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until July 30, 10 A. M., bids will be received by the Santa Clara Valley Water Conservation District, Leroy Anderson, Secretary, Room 62, Grant Building, San Jose, for the construction of the Coyote Canal, Contract No. 5-A. The canal will be located about 16 miles southeast of San Jose and will divert from Coyote River about 1½ mi. downstream from Cochran Road crossing and will extend northwesterly to the upper end of the district's percolation area near Coyote.

The work involves:

(1) 176,000 c.y. excavation, unclass.,

bet. Sta. 0 and Sta. 275, and between Sta. 290 and Sta. 414;
(2) 30,000 c.y. excavation, unclass., bet. Sta. 275 and Sta. 290;
(3) 280 c.y. rubble masonry in diversion dam;
(4) 80 c.y. concrete in cutoffs of chutes and wasteways;
(5) 14,500 sq. ft. concrete lining, 2-in. thick;
(6) 6,200 sq. ft. concrete lining, 4-in. thick;
(7) 4,000 lbs. reinforcing steel;
(8) 1,200 lbs. structural steel;
(9) 5,100 lbs. wire mesh reinf.;
(10) 1.3 MFBM redwood lumber;
(11) 380 l.f. 12-in. CMP, 16-gauge;
(12) 260 l.f. 18-in. do;
(13) 100 l.f. 24-in. CMP, 14-gauge;
(14) 60 l.f. 36-in. do;
(15) 100 l.f. 48-in. CMP, 12-gauge;
(16) 2 each, 48-in. headgates;
(17) 19 concrete bridges;
(18) Premium of 50% surety and 100% performance bonds (lump sum).

Plans and specifications obtainable from the above office and from the office of Fred H. Tibbetts, engineer, 1320 Alaska Commercial Bldg., San Francisco, upon deposit of $20.00.

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25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

ALCATRAZ ISLAND, Cal.—American Blower Corp., Rialto Bldg., at $421.24 each for four fans, awarded contract by the Bureau of Prisons, J. A. Johnston, Warden, Alcatraz Penitentiary, for furnishing four fans connected to 1 hp. d.c. motor, 230-volt compound wound, approximately 315 r.p.m., fob Fort Mason.

BIDS OPENED

EUREKA, Humboldt Co., Cal.—C. & L. Trucking Co., 139 Cora Street, San Francisco, at $2.43 per hour submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of three 3-yd. dump trucks for approximately 500 hours each.

A. E. Garcia, Jr., Irvington, at $3 per hour, submitted the only other bid.

BIDS OPENED

EUREKA, Humboldt Co., Calif.—A. Morton, P. O. Box 192, Menlo Park, at $2.23 per hour submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of three 3-yd. dump trucks for approximately 500 hours each. Complete bids follow:

A. Morton, Menlo Park	$2.23
Jack Starkenburg, Los Angeles	2.43
Thos. O'Brien, San Francisco	2.43
Paul Entremont, Colusa	2.43
Ashurst Bros., Hopland	2.43
P. O. Nelson, Redwood City	2.50
W. K. Walker, San Francisco	2.50
A. E. Garcia, Jr., Irvington	3.25
San Bruno Ave. Feed & Fuel Co., San Francisco	3.25

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CONTRACT AWARDED

LOS ANGELES, Cal. — Cyclops Iron Works, 837 Folsom St., San Francisco, at $87,373.90 awarded contract by the Metropolitan Water District, for furnishing 2 overhead traveling cranes for the Intake and Gene pumping plants, one for Iron Mountain pumping plant and two for Eagle and Hayfield pumping plants. Spec. No. 156.

BIDS REJECTED

MENDOCINO and Lake Cos., Cal.—All bids received by the Division of Highways, J. W. Vickrey, District Engineer, Eureka for rental of one 2,500-gallon pressure oil distributor for approximately 250 hours for use in Mendocino and Lake Counties, have been rejected and new bids are being requested.

The bids were:
C. Mankel, Sacramento, $8 per hour.
A. E. Garcia, Jr., Irvington, $9.25.

27—FIRE ALARM SYSTEM

TO BE DONE BY DAY LABOR

SAN MATEO, San Mateo Co., Calif.—San Mateo City Council has instructed City Engineer E. P. Wilsey to proceed with the installation of a fire alarm system by day labor. Materials will be purchased in the open market.

28 — FIRE EQUIPMENT

BIDS WANTED

VISALIA, Tulare Co., Calif.—Until July 20, 5 P. M. (to be opened at 7:30 P. M.) bids will be received by the Visalia City Council, Kathleen H. Sim, City Clerk, City Hall, for furnishing 1500 ft. of 2½-in. double jacket fire hose with national standard thread couplings.

Specifications obtainable from above office.

29— STREETS AND HIGHWAYS

BIDS WANTED

NAVAJO COUNTY, Arizona.—Until August 7, 10 A. M., bids will be received by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for constructing a bridge and approaches on Section B and grading and placing subgrade reinforcement on Section C of Route 30, the Globe-Showlow National Forest Highway, Sitgreaves National Forest, Navajo County.

The length of the project is 3.229 miles and the principal items of work involved are:
(1) 20 A. clearing;
(2) 14,100 c.y. unclassified excavation;
(3) 936 c.y. do. for structures;
(4) 30,100 c.y. do. for borrow;
(5) 11,450 st. yds. overhaul;
(6) 42,300 c.y. mi. borrow haul;
(7) 806 c.y. concrete;
(8) 122,000 lbs. reinforcing steel;
(9) 221 c.y. cement rubble masonry;
(10) 418 l.f. corrugated metal pipe;
(11) 85 c.y. hand laid riprap;
(12) 900 lbs. bronze bearing plates;
(13) 6 each, right of way monuments;
(14) 4,200 l.f. Type 1 protection ditch;
(15) 2,440 l.f. remove existing fence;
(16) 640 l.f. remove and reset existing fence;
(17) 1,410 l.f. fence;
(18) One Type 2 gate;
(19) One cattle guard in place;
(20) 15 each, guide posts.

Plans and specifications obtainable from the office of the Bureau of Public Roads at 414 Title & Trust Bldg., Phoenix, and Federal Office Bldg., San Francisco, upon deposit of $10.

CONTRACT AWARDED

SAN MATEO COUNTY.—John Carlin and Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at $326,254.60 awarded contract by the State Highway Commission, Sacramento, for grading and applying road-mix surface treatment on about 5.9 miles between Farallone City and Rockaway Beach, San Mateo County.

AWARD RECOMMENDED

TEHAMA COUNTY, Cal.—Award of a contract to the Tiffany Const. Co., 535 N. 7th St., San Jose, at $21,835.40 for grading a portion of Sections A and C of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Tehama Co., has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

CONTRACT AWARDED

LAWNDALE, San Mateo Co., Cal.—J. P. Lawlor, 372 7th Ave., San Francisco, at $8206.35 awarded contract by the town of Lawndale for the improvement of F St. from El Camino Real easterly.

CONTRACT AWARDED

VALLEJO, Solano Co., Cal.—Victor Bottari, 530 Tennessee St., Vallejo, at $1422.40 submitted low bid and awarded contract by the Vallejo Board of Education for construction of a 5-ft. sidewalk adjacent to the school property at the Junior High School, Roosevelt School, and Tobin field.

The other bids were:
J. K. Moore, Vallejo $1574.89
Louis Tagnon, Vallejo 1778.00

BIDS WANTED

ELKO COUNTY, Nev. — Until July 29, 2 P. M., bids will be received by the State Department of Highways, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for construction of an asphaltic road-mix surface on a portion of the State Highway System in Elko County, Route 11, Section B1 between Elko and a point approximately 11 miles north, a length of approximately 10.80 miles.

The work involves:
(1) 719 tons asphaltic road material, type SC-2;
(2) 65 tons do, type MC-2;
(3) 10.80 miles road-mix;
(4) 10.80 miles finish roadway;
(5) 114 culvert markers.

Plans and specifications obtainable from above office on deposit of $5.00, of which $2.50 is returnable, and on file at U. S. Bureau of Roads, Room 450, Federal Office Bldg., San Francisco.

WASHOE, STORY & LYON COS., Nevada—Until July 29, 2 P. M., bids will be received by the State Department of Highways, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for construction of an asphaltic roadmix surface on a portion of the State Highway System in Washoe, Storey and Lyon Counties, Route 17, Sections A1, A2, A3, A-A2 and B, bet. Junction Route 3 near Brown's Station to a point approximately 8 miles southeast (Geiger Grade), and Virginia City to Silver City, a length of approximately 13.23 miles.

Work involves:
(1) 310 cu. yds. structures excav.;
(2) 13.23 mi. finish roadway;
(3) 9680 ton crushed gravel or stone surface;
(4) 1003 ton asphaltic road material, Type SC2;
(5) 84 ton asphaltic road material, Type MC2;
(6) 13.23 mi. roadmix;
(7) 11 cu. yds. Class "B" concrete;
(8) 455 lbs. reinf. steel;
(9) 4550 lbs. casting;
(10) 24 lin. ft. 8-in. CMP, dipped;
(11) 638 lin. ft. 15-in. CMP, dipped;
(12) 100 lin. ft. 36-in. CMP, dipped;
(13) 1 embankment protector;
(14) 94 culvert markers;
(15) 201 guide posts.

Plans and specifications may be obtained from the above office on deposit of $5, of which $2.50 is returnable, and are on file at U. S. Bureau of Public Roads, Room 450, Federal Office Bldg., San Francisco.

BIDS WANTED

ORANGE CO., Cal.—Until July 27, 2 P. M., bids will be received by the Division of Highways, S. V. Cortel-

you. District Engineer, Room 808, State Bldg., Los Angeles, for applying roadmix surface treatment to the shoulders on about 12.2 miles in Orange County between Los Angeles County line and Santa Ana river.

The work involves:

(1) 101,000 sq. yds. preparing, mixing and shaping shoulders;
(2) 825 tons liquid asphalt, SC-2.

Specifications obtainable from above office.

BIDS WANTED

WASHOE COUNTY, Nevada—Until July 29, 2 P. M., bids will be received by State Department of Highways, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for construction of a portion of the State Highway System in Washoe County, Route 1, Section A2, between California-Nevada State line and a point approximately three miles north, a length of approximately 2.73 miles.

Work involves:

(1) 430 lin. ft. culvert pipe; removed
(2) 15 each culvert headwalls and inlets; removed;
(3) 9900 sq. yds. concrete pavement removed;
(4) 8779 lin. ft. fence removed;
(5) 2 trees removed;
(6) 88,800 cu. yds. roadway excav.;
(7) 328,055 yd. sta. overhaul;
(8) 9304 cu. yds. select borrow;
(9) 520 cu. yds. structure excav.;
(10) 2.73 mi. subgrade;
(11) 2.73 mi. finished roadway;
(12) 12,000 tons crushed gravel or stone surface;
(13) 125 tons asphaltic road material, Type SC2;
(14) 11 tons asphaltic road material, Type MC2;
(15) 20,623 sq. yds. roadmix;
(16) 212 cu. yds. Class "A" concrete;
(17) 9 cu. yds. Class "B" concrete;
(18) 20,900 lbs. reinf. steel;
(19) 2600 lbs. castings;
(20) 284 lin. ft. 15-in. CMP, dipped;
(21) 174 lin. ft. 18-in. CMP, dipped;
(22) 36 lin. ft. 24-in. CMP, dipped;
(23) 124 lin. ft. 30-in. CMP, dipped;
(24) 356 lin. ft. relay culvert pipe;
(25) 30 pipe culvert headwalls moved;
(26) 8733 each reconstruct fence;
(27) 2.73 mi. traffic stripe;
(28) 54 culvert markers;
(29) 3920 lin. ft. metal guard rail;
(30) 74 monuments.

Plans and specifications obtainable from above office on deposit of $5, of which $2.50 is returnable and on file at U. S. Bureau of Public Roads, Room 450, Federal Office Bldg., San Francisco.

BIDS OPENED

GILA COUNTY, Ariz.—All Arizona Engineering & Construction Co., Clifton, at $44,359.35 (granite alternate) submitted the lowest of five bids received by the Bureau of Public Roads 414 Title & Trust Bldg., Phoenix, for grading on Section D and placing subgrade reinforcement on Sections B,, C, and D of Route 11, the Payson-Colcord Mountain National Forest Highway, Tonto National Forest, Gila County.

The length of the project is 8.164 miles.

Complete total bids follow:

(Granite Alternate)

All Arizona Engr. & Constr. Co., Clifton, $44,359.35.
Ken Hodgman, Pasadena, $49,320.75.
Pearson & Dickerson Contractors, Inc., Prescott, $51,166.
Engineer's Estimate, $44,$87.75.

(Gravel Alternate)

Ken Hodgman, Pasadena, $46,320.75.
All Arizona Engineering & Constr. Co., Clifton, $51,859.35.
Engineer's Estimate, $44,087.75.

Unit bids will be published shortly.

CENTRAL VALLEY PROJ.—Baird & Table Mt. Site Drilling

CENTRAL VALLEY PROJ.—Henry J. Kaiser Co., Latham Square Bldg., Oakland, at $83,643.75 (combination of Schedules 1 and 2) submitted low bid to the Bureau of Reclamation, 206 Old Post Office Bldg., Sacramento, Walker Young, Construction Engineer, under Spec. No. 809-D, for core-drilling and excavating for investigation of Baird and Table Mountain dam sites, Central Valley Project.

The Baird dam site is located about 14 miles north of Redding, and Table Mountain dam site is located about 10 miles northeast of Red Bluff.

Bids were taken as follows:

SCHEDULE 1 (Baird Dam Site)

(1) 125 c.y. excavation, common, in open cut at tunnel portals;
(2) 100 c.y. excavation, rock, do;
(3) Lump sum, excavating 300 l.f. of tunnel in two or more tunnels, no tunnel to be more than 150 ft. long;
(4) 300 l.f. excavation of tunnels separate from or continuation of the tunnels under Item (3), the maximum length not more than 300 ft. and the total length of any single extension not more than 150 ft.;
(5) 225 l.f. excavating vertical shafts from surface above river level, no shaft to be more than 75 ft. deep;
(6) 5 MFBM furnishing and erecting permanent timbering in tunnels and shafts;
(7) Lump sum, 1800 f. vertical core drilling from surface, no hole to be less than 250 ft. deep;
(8) 2,000 l.f. additional vertical core drilling from the surface, no hole to be less than 50 ft. nor more than 200 ft. deep;
(9) 940 l.f. core drilling from surface
(10) 550 l.f. additional core drilling from surface, no hole to be less than 100 ft. nor more than 250 ft. deep;

SCHEDULE II (Table Mt. Dam Site)

(11) 100 c.y. excavation, common, in open cut at tunnel portals;
(12) 50 c.y. excavation, rock, do;
(13) Lump sum, excavating 275 l.f. of tunnel in three or more tunnels, two of which will be extensions of short existing tunnels, no tunnel to be more than 150 ft. long;
(14) 75 l.f. excavating tunnels separate from or continuation of tunnels under Item (13), the maximum length to be not more than 75 ft.;
(15) 350 l.f. excavating vertical shafts from surface above river level, not more than 100 ft. deep;
(16) 675 l.f. excavating vertical shafts from surface away from river, not more than 75 ft. deep;
(17) 3 MFBM furnishing and erecting permanent timbering in tunnels and shafts.

Work shall be commenced within 10 calendar days after date of receipt of notice to proceed.

Total bids follow:

(A) Henry J. Kaiser Co., Oakland: Schedule 1, $49,518.75; Schedule 2, $34-125; Schedules 1 and 2 combined, $83,-643.75; will not accept Schedule 1 or 2 separately.

(B) J. H. Pomeroy Co., Inc., San Francisco: Schedule 1, $49,041; Schedule 2, $67,677.75.

(C) Lynch Brothers, Inc., Seattle: Schedule 1, $47,242.75; Schedule 2, no bid.

(D) L. E. Dixon, Bent Bros., Inc., & Case Const. Co., Alhambra: Schedule 1, $65,062.50; Schedule 2, $47,998.-75; if awarded both Schedules 1 and 2 deduct $400 from Item (3); $1,000 from Item (7); $600 from Item (9) and $1,-000 from Item (13).

(E) Pennsylvania Drilling Co., Pittsburgh, Pa.: Schedule 1, $88,315; Sched. 2, no bid.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.25	$ 2.50	$ 5.00	$ 1.00	$ 3.00
(2)	3.25	3.50	5.00	4.00	10.00
(3)	12,000.00	11,071.00	5925.00	8,000.00	12,000.00
(4)	22.00	17.50	19.75	14.00	40.00
(5)	19.00	28.50	29.75	20.00	60.00
(6)	100.00	75.00	50.00	100.00	200.00
(7)	8,750.00	8,550.00	9900.00	22,500.00	16,200.00
(8)	4.85	4.75	4.95	4.25	7.00
(9)	4,600.00	4,607.50	4801.50	14,000.00	11,640.00
(10)	4.75	4.75	4.95	4.25	12.00
(11)	1.25	2.50	.....	1.00	.....
(12)	3.25	3.50	.....	4.00	.....
(13)	12,500.00	37,284.00	.....	24,275.00	.....
(14)	19.00	17.25	.....	13.50	.....
(15)	23.25	35.00	.....	26.50	.....
(16)	17.00	24.00	.....	18.35	.....
(17)	100.00	75.00	.....	250.00	.....

ALAMEDA COUNTY—6 MI. SURFACING—STATE

ALAMEDA COUNTY, Calif.—Jones & King, Jackson St., Hayward, at $37,425.60 submitted low bid to the State Highway Commission, Sacramento, for about six miles of plant-mixed surfacing in Alameda County between 1.9 miles north of Irvington and Alvarado.

The work involves:

(1) 12,080 tons mineral aggregate;
(2) 570 tons liquid asphalt, MC-3 or MC-extra heavy;
(3) 58 tons asphaltic emulsion (prime coat);
(4) 75 tons liquid asphalt MC-3 (seal coat);
(5) 825 tons screenings (seal coat).

Total bids follow:

(A) Jones & King, Hayward $37,425.60
(B) Independent Const. Co., Oakland $45,719.40.
(C) Eaton & Smith, San Francisco, $46,527.05.
(D) Union Paving Co., San Francisco, $47,804.75.
(E) Chas. L. Harney, San Francisco, $50,459.75.
(F) Pacific States Const. Co., S. F., $53,445.50.
(G) Hanrahan Co., San Francisco, $55,856.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$2.12	$2.58	$2.51	$2.70	$3.00	$3.25	$3.20
(2)	14.00	18.00	17.50	18.00	17.00	16.50	20.00
(3)	17.00	21.00	25.00	20.00	17.00	21.00	25.00
(4)	16.00	19.00	22.50	20.00	17.00	20.00	25.00
(5)	2.00	2.00	3.75	2.75	2.75	2.50	3.00

COMPLETE BID LISTING

LOS ANGELES COUNTY, Cal.—J. E. Haddock, Ltd., 357 N Chester Ave. Pasadena, at $15,372.50, as previously reported, submitted low bid to the State Highway Engineer State Bldg., Los Angeles, for about 7.1 miles surfacing with road-mix surfacing in Los Angeles County between Palmdale and Lancaster.

The work involves:

(1) 7,500 c.y. mineral aggregate (road-mix surf.);
(2) 700 tons liquid asphalt SC-2 (road mix surf.);
(3) 108,500 sq. yds. asphalt paint binder.

Total bids follow:

(A) J. E. Haddock, Ltd., Pasadena, $15,372.50.
(B) Southern California Roads Co., Los Angeles, $17,687.50.
(C) A. S. Vinnell Co., Los Angeles, $18,255.00.
(D) Oswald Bros., Los Angeles, $20,805.00.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$1.10	$1.25	$0.95	$1.50
(2)	7.85	8.00	12.80	9.00
(3)	.015	.025	.02	.03

COMPLETE BID LISTING

SAN DIEGO COUNTY, Cal.—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at $856,213.50, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 3.6 miles grading and surfacing with plant-mixed surfacing in San Diego County between Lake Hodges and Escondido.

The work involves:

(1) 193 sta. clearing and grubbing right of way;
(2) 860 M. gals. water;
(3) 28,500 c.y. rdwy. excav., unclass
(4) 250,000 sta. yds. overhaul;
(5) 1,340 c.y. struc. excav.;
(6) 740 c.y. existing concrete removed and disposed of;
(7) 29,000 l.f. existing side forms removed and disposed of;
(8) 193 sta finishing rdwy.;
(9) 5,400 tons crusher run base;
(10) 7,800 tons mineral agg. (plant-mixed surf.);
(11) 25 tons asphaltic emulsion;
(12) 430 tons liquid asphalt MC-5 or MC extra heavy (plant-mixed surf.);
(13) 460 tons liquid asph. SC-2 (shoulders);
(14) 55,100 sq. yds. preparing, mixing, and shaping shoulders;
(15) 10,400 lbs. bar reinf. steel;
(16) 81 c.y. Class A Portand cement concrete (struc.);
(17) 7.5 c.y. do (railing);
(18) 32,000 lbs. struc. steel;
(19) 210 l.f. furnishing treated Douglas fir piles, inc. test piles;
(20) 5 each driving piles, inc. test piles
(21) 142 l.f. temporary railing;
(22) 76 l.f. 8-in. CMP;
(23) 282 l.f. 18-in. CMP;
(24) 154 l.f. 24-in. CMP;
(25) 170 l.f. 36-in. CMP;
(26) 70 l.f. 48-in. CMP;
(27) 5 each spillway assemblies;
(28) 403 l.f. existing pipe culverts to be cleaned and relaid;
(29) 2,380 l.f. laminated guard railing;
(30) 21 each guide posts;
(31) 130 each existing guide posts and culvert markers moved and reset;
(32) 1.4 miles existing property fences moved and reset;
(33) 47 each, monuments complete in place.

NOTE: The State will furnish corrugated metal pipe and spillway assemblies for use on this project, as more explicitly set forth in the special provisions.

Total bids follow:

(A) R. E. Hazard & Sons, San Diego, $86,213.50.
(B) Daley Corp., San Diego, $88,716.50.
(C) Basich Bros., Torrance, $92,482.40
(D) V. R. Dennis Const. Co., San Diego, $93,381.00.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$4.50	$ 5.00	$10.00	$ 5.00
(2)	1.50	1.50	2.00	1.50
(3)	.48	.50	.40	.35
(4)	.01	.005	.01	.003
(5)	1.50	1.50	1.50	1.50
(6)	1.60	1.50	4.00	2.50
(7)	.01	.01	.01	.01
(8)	5.00	6.00	15.00	10.00
(9)	2.40	2.50	2.50	3.25
(10)	3.08	3.10	3.50	4.00
(11)	45.00	50.00	22.00	45.00
(12)	15.00	16.00	13.00	13.00
(13)	11.00	11.50	9.00	11.00
(14)	.05	.06	.06	.06
(15)	.05	.06	.07	.05
(16)	23.00	25.00	25.00	21.00
(17)	38.00	40.00	75.00	50.00
(18)	.07	.08	.06	.06
(19)	.70	.75	1.25	1.00
(20)	35.00	30.00	50.00	25.00
(21)	1.50	2.00	1.00	1.00
(22)	1.00	1.00	.50	.50
(23)	1.25	1.50	.60	.75
(24)	1.50	1.75	.60	1.00
(25)	3.00	3.50	.70	1.25
(26)	3.50	4.00	1.00	2.00
(27)	20.00	24.00	3.00	7.00
(28)	1.50	1.50	.60	1.00
(29)	1.20	1.25	2.00	1.50
(30)	3.00	3.00	3.00	2.00
(31)	1.00	1.00	2.50	1.00
(32)	100.00	150.00	300.00	300.00
(33)	3.00	3.00	4.00	3.00

COMPLETE BID LISTING

SAN BERNARDINO COUNTY, Cal.—Basich Bros., 20550 Normandle Avenue, Torrance, at $44,243.70, as previously reported, submitted low bid to the State Highway Engineer State Building, Los Angeles, for about 2.8 miles grading and treating with liquid asphalt and constructing a timber pile trestle in San Bernardino Co. between 2.5 miles west of Java and 0.5 mile east of Java.

The work involves:

(1) 46,100 c.y. rdwy. excav., unclass.
(2) 395 c.y. struc. excav.;
(3) 9,800 c.y ditch and channel excavation;
(4) 143,000 sta. yds. overhaul;
(5) 145 sta. finishing rdwy.;
(6) 334 tons liquid asphal tSC-2 (road mix surface treatment);
(7) 32,300 sq. yds. preparing, mixing and shaping roadbed;
(8) 34 tons liquid asphalt 90-95 (seal coat);
(9) 404 tons screenings (seal coat);
(10) 1,730 lbs. struc. metal;
(11) 30 MFBM dense, select, all-heart struc. redwood;
(12) 16 MFBM select, all-heart, struc. redwood;
(13) 1,090 l.f. furnishing Douglas fir piles (treated);
(14) 54 each driving piles;
(15) 322 l.f. 24-in. CMP;
(16) 114 l.f. 48-in. CMP;
(17) 70 l.f. 75-in. multi-plate CMP;
(18) 48 each, monuments complete in place.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Total bids follow:

(A) Basich Bros., Torrance, $44,243.70.
(B) Miracle Co., San Diego, $44,738.
(C) Matich Bros. Elsinore, $49,005.50.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ .31	$ .45	$ .46
(2)	1.50	1.00	1.50
(3)	.25	.30	.40
(4)	.02	.01	.01
(5)	15.00	10.00	10.00
(6)	16.00	14.00	13.00
(7)	.08	.06	.10
(8)	30.00	20.00	25.00
(9)	5.00	5.00	7.50
(10)	.20	.10	.15
(11)	125.00	100.00	110.00
(12)	125.00	100.00	110.00
(13)	.80	.90	.80
(14)	30.00	20.00	30.00
(15)	.60	1.00	1.00
(16)	1.00	1.00	1.75
(17)	26.00	15.00	20.00
(18)	4.00	3.00	3.00

BIDS OPENED

OKANOGAN COUNTY, Wash.—C. E. Oneal, Stevenson, Wash., at $34,647 submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for grading about 2.35 miles of the Loup Loup Highway in Chelan National Forest.

Complete bids follow:

C. E. Oneal, Stevenson	$34,647
Clifton & Applegate, Spokane	36,433
Fred G. Redmon, Yakima	40,294
Lueich & Co., Seattle	43,460
James Crick, Spokane	44,255
Halleran Bros., Seattle	44,478
Anderson Const. Co., Portland	46,629
James Coyle, Seattle	46,669
George F. Price, Dayton	49,014
L. Romano Engr. Co., Seattle	62,756

BIDS OPENED

LINN COUNTY, Ore.—E. L. Gates, Detroit, Oregon, at $81,285 submitted low bid to the Bureau of Public Roads W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for grading about 2.894 miles of North Santiam Highway in Willamette National Forest.

Complete bids follow:

E. L. Gates, Detroit	$81,285
P. L. Crooks & Co., Portland	89,221
Guthrie-McDougall, Inc., Portland	99,503

CONTRA COSTA CO.—4.4 Mi. Road-mix Surface—(State)

CONTRA COSTA COUNTY, Calif.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $9,506 submitted low bid to State Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for about 4.4 miles of road-mix surface treatment to be applied to shoulders and plant-mixed surfacing to be placed for a length of about 1.2 miles, between the county road to Byron and easterly boundary of Contra Costa County.

Complete bids follow:

(A) Lee J. Immel, Berkeley.
(B) E. A. Forde, San Anselmo.
(C) Pacific States Construction Co., San Francisco.
(D) Claude C. Wood, Stockton.
(E) Ransome Co., Emeryville.
(F) Charles L. Harney, San Francisco.
(G) Hanrahan Co., San Francisco.
(H) Wood & Bevanda, Stockton.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$1.90	$1.85	$1.90	$2.25	$2.03	$2.00	$2.60	$2.90
(2)	3.00	3.45	3.50	3.50	3.56	3.50	4.60	3.90
(3)	18.00	16.00	16.50	16.00	20.00	20.00	21.00	23.00
(4)	25.00	20.00	30.00	35.00	22.00	20.00	37.00	30.00
(5)	25.00	18.00	22.00	35.00	22.00	20.00	32.00	25.00
(6)	3.00	2.65	3.00	3.00	3.10	3.00	4.40	3.90
(7)	12.00	12.00	14.00	20.00	16.00	24.00	18.00	18.00
(8)	.05	.06	.09	.10	.11	.20	.08	.12

BIDS WANTED

SAN FRANCISCO, Cal.—Until July 29, 2:30 p.m., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,921, for paving the Sloat-Skyline connection, from Sloat Blvd. at 39th Ave. to Skyline Blvd. at Lake Merced Blvd., on State Highway Route 55. Estimated cost, $215,000.

The work involves:
(1) 17 acres clearing right of way;
(2) 237,500 cu.yds. excavation;
(3) 584,600 sq.ft. asphalt-macadan pavement (2½-10 in.);
(4) 195,000 sq.ft. waterbound macadam pavement (6-in.);
(5) 3,000 sq.ft. concrete sidewalk (two course);
(6) 16,500 lin.ft. white concrete curb (unarmored);
(7) 27,400 lin.ft. redwood headers (2 x 6-in.);
(8) 680 lin.ft. guard rail (heavy type)
(9) 1,750 lin.ft. corrugated metal culvert (12-in.) incl. supports;
(10) 130 lin.ft. corrugated metal culvert (15-in.);
(11) 23 brick catchbasins;
(12) 2 brick manhole;
(13) 5,000 lin. ft. wire mesh fence;
(14) 252 lin. ft. cast iron pipe culvert (24-in.);
(15) 270 lin. ft. vitrified clay pipe culvert (12-in.);
(16) Lump sum, underpass complete, excepting lighting;
(17) Lump sum, lighting system complete;
(18) Lump sum alteration to sprinkler system;
(19) Lump sum, traffic control system, complete;
(20) Lump sum, relocating Girl Scouts camp;
(21) Lump sum, brick manholes (reconstruction);
(22) 362,000 sq.ft. planting ice plant;
(23) Lump sum, recolate 6-in. water main;
(24) 385 lin.ft. lowering 10-in. water main.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10. *

BIDS WANTED

TULARE COUNTY, Cal.—Until August 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 6.8 miles grading and surfacing with plant-mixed surfacing on a crusher run base and applying road-mix surface treatment to shoulders in Tulare County between ¼ mile south of Strathmore and Valencia St. in Lindsay, and between Eastwood Ave. in Lindsay and Cairn's Corner.

The work involves:
(1) Clearing and grubbing right of way;
(2) 4,700 M. gallons water;
(3) 35,200 c.y. rdwy. excav., unclass.;
(4) 1,100 c.y. struc. excav.;
(5) 120 c.y. ditch excav.;
(6) 42,400 c.y. imported borrow;
(7) 263,000 sta. yds. overhaul;
(8) 362 sta. finishing rdwy.;
(9) 23,900 tons crusher run base;
(10) 12,120 tons mineral agg. (plant-mixed surf.);
(11) 609 tons liquid asphalt MC-4 or MC-5 or MC-extra heavy (do);
(12) 4,920 sq. yds. asph. paint binder;
(13) 175 tons liquid asph. SC-2 (prime coat);
(14) 660 tons liquid asphalt SC-2 (road mix surf. treatment);
(15) 81,000 sq. yds. preparing, mixing and shaping shoulders and road approaches;
(16) 360 c.y. remove and dispose of existing concrete;
(17) 4,100 lbs. bar reinf. steel;
(18) 230 c.y. Class A Portland cement concrete (struc.);
(19) 30 l.f. 8-in. CMP;
(20) 152 l.f. 12-in. CMP;
(21) 54 l.f. 18-in. CMP;
(22) 450 l.f. 24-in. CMP;
(23) 312 l.f. 24-in. CMP (close riveted and soldered);
(24) 16 l.f. 12-in. perf. metal pipe;
(25) 72 l.f. 26x6½-in. part circle CM culvert;
(26) 630 l.f. 36x12¼-in. do;
(27) 4 c.y. Class A Portland cement concrete (curbs and sidewalks);
(28) 34 each culvert markers;
(29) 80 each guide posts;
(30) 14 c.y. drainage sump;
(31) 2 each drop inlet frames and grates;
(32) 9 ea. manholes adjusted to grade
(33) 76 each monuments.

NOTE: The State will furnish corrugated metal pipe, perforated metal pipe, and part circle corrugated metal culverts as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno. *

BIDS WANTED

MONO COUNTY, Calif.—Until August 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 7.6 miles grading and surfacing with bituminous treated selected material in Mono Co. between Conway Summit and 1 mile north of Bodie Road.

The work involves:
(1) 72 acres clear and grub right of way;
(2) 5,000 M. gals. water;
(3) 179,000 c.y. rdwy. excav., unclass.
(4) 150,000 sta. yds. overhaul;
(5) 2,400 c.y. struc. excav.;
(6) 2,100 c.y. ditch excav.;
(7) 3,400 c.y. type A imported borrow
(8) 16,800 c.y. type B do;
(9) 195 c.y. rubble masonry;
(10) 401 sta. finishing rdwy.;
(11) 200 tons liquid asph. SC-2 (prime coat);
(12) 19,100 tons of selected material (surf.);
(13) 800 tons liquid asphalt SC-3 (bituminous treatment);
(14) 8.03 miles mixing, shaping and compacating bit. treated surf.;
(15) 75 tons liquid asphalt MC-3 (seal coat);
(16) 675 tons screenings (seal coat);
(17) 3,500 lbs. bar reinf. steel;
(18) 86 c.y. Class A Portland cement concrete (struc.);
(19) 2,896 l.f. 24-in. CMP;
(20) 404 l.f. clean and relay CMP culverts;
(21) 501 l.f. clean and salvage CMP culverts;
(22) 61 each culvert markers;
(23) 528 each guide posts;
(24) 26 each existing culvert headwalls to be removed and disposed of;
(25) 173 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Bishop. *

BIDS WANTED

YOLO COUNTY, Calif.—Until August 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 4.4 miles surfacing with plant-mixed surfacing and constructing untreated crushed gravel or stone borders, in Yolo County between Willow Slough and Woodland.

The work involves:
(1) 60 M. gals. water;
(2) 2,550 tons untreated crush. gravel or stone (borders);
(3) 8,050 tons mineral aggregate (plant mixed surf.);
(4) 360 tons liquid asphalt ROMC-4 (plant-mixed surf.);
(5) 37 tons liquid asphalt MC-3 (seal coat);
(6) 400 tons sand (seal coat);
(7) 52,000 sq. yds. asph. paint binder.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville.

BIDS WANTED

SANTA CRUZ CO., Cal.—Until August 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for widening a portion with Portland cement concrete pavement, sidewalk and curb, and surfacing a portion with natural rock asphalt, on about 0.8 of a mile in the City of Santa Cruz, on Ocean Street between Pryce and Water Sts., and on Mission St. between Bay and Younglove Streets.

The work involves:
(1) 650 c.y. rdwy. excav., unclass.;
(2) 320 c.y. ditch excav.;
(3) 580 tons crusher run base;
(4) 410 c.y. concrete removal;
(5) 560 tons natural rock asphalt;
(6) 1 ton asphaltic emulsion (prime coat);
(7) 7,350 sq. yds. asphaltic paint binder;
(8) 700 lbs. bar reinf. steel (pave.);
(9) 310 c.y. Class A Portland cement concrete (pavement);
(10) 116 each pavement dowels;
(11) 220 c.y. Class A Portland cement concrete (sidewalks and curbs);
(12) 5,800 sq. ft. rubble masonry;
(13) 7,350 sq. yds. removing bituminous surf.;
(14) 30 each meter boxes moved and reset;
(15) 30 each sewer vents moved and reset;
(16) 1 each drop inlet.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

LASSEN COUNTY, Cal.—Until August 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 13.8 miles grading and applying penetration oil treatment in Lassen County between 2.5 miles south of Viewland and Secret Valley.

The work involves:
(1) 100 acres clear and grub right of way;
(2) 563 M. gals. water;
(3) 91,500 c.y. rdwy. excav. (Location A);
(4) 39,700 c.y. do (Location B);
(5) 196,000 sta. yds. overhaul;
(6) 1,300 c.y. struc. excav.;
(7) 125 c.y. ditch and channel excav.
(8) 25,300 c.y. imported selected material;
(9) 15,500 c.y. imported borrow;
(10) 724 sta. finishing rdwy.;
(11) 245 tons liquid asphalt SC-2;
(12) 92 tons liquid asphalt SC-4;
(13) 740 c.y. sand;
(14) 2,300 lbs. bar reinf. steel;
(15) 72 c.y. Class A Portland cement concrete (struc.);
(16) 44 l.f. 12-in. CMP;
(17) 1,844 l.f. 18-in. CMP;
(18) 242 l.f. 24-in. CMP;
(19) 38 l.f. 30-in. CMP;
(20) 82 l.f. 36-in. CMP;
(21) 71 l.f. 48-in. CMP;
(22) 110 each culvert markers;
(23) 111 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding. *

BIDS REJECTED—TO BE DONE BY DAY LABOR.

HUMBOLDT & TRINITY COUNTIES—State Highway Commission, Sacramento, rejected all bids received June 24 for about 0.7 mile grading and removing the existing timber bridges in Humboldt and Trinity Counties, between 3.15 miles and 5.25 miles east of Blue Lake and at Gray Creek. Work will be done by day labor.

Helwig Construction Co., 115 S. Main St., Sebastopol, submitted the low bid at $23,780. *

CONTRACT AWARDED

LOS ANGELES COUNTY.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at $15,372.50 awarded contract by the State Highway Commission, Sacramento, for about 7.1 miles surfacing with road-mix surfacing in Los Angeles County between Palmdale and Lancaster.

Complete bids published July 13.

BIDS OPENED

LOS ANGELES COUNTY, Cal.—A. S. Vinnell Co., 969 Amalia Street, Los Angeles, at $5,520 submitted the only bid received by the Division of Highways, S. V. Cortelyou, District Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to shoulders on about 1.4 miles between Verdugo Road and Flintridge Country Club, Los Angeles County.

Unit bids follow:

(1) 275 tons liquid asphalt SC-4, in place; $11.40 per ton;
(2) 26,500 sq. yds. preparing, mixing, and shaping shoulders, $0.09 per sq. yds. *

BIDS OPENED

EL DORADO COUNTY, Cal.—J. V. Galbraith and Don A. Canaveri, 1760 4th St., Santa Rosa, at $50,098.32 submitted low bid to the State Highway Commission, Sacramento, for grading and surfacing with road-mix surface treatment applied and constructing a reinforced concrete bridge about .6 of a mile, located 1½ miles north of Meyers in El Dorado County.

The work involves:

(1) 3 acres clear and grub right of way;
(2) 500 M. gals. water;
(3) 2,000 c.y. rdwy. excav., unclass.;
(4) 900 c.y. ditch and channel excav.
(5) 7,600 sta. yds. overhaul;
(6) 22,000 c.y. imported borrow;
(7) 1,000 c.y. struc. excav.;
(8) 40 sta. finishing rdwy.;
(9) 4,000 c.y. creek run gravel;
(10) 63 tons liquid asphalt ROMC-2 or ROMC-3;
(11) 8,750 sq. yds. preparing, mixing and shaping roadbed;
(12) 71,000 lbs. bar reinf. steel;
(13) 263 c.y. Class A Portland cement concrete footing blocks;
(14) 300 c.y. Class A Portland cement concrete structures;
(15) 9.5 c.y. Class A Portland cement concrete railing;
(16) 1,350 lbs. cast steel lockers and bearings;
(17) 3,060 l.f. furnishing Douglas fir piles, inc. test piles;
(18) 101 each drive piles, including test piles;
(19) 1,100 c.y. rock slope protection;
(20) 38 l.f. 8-in. CMP;
(21) 40 l.f. 12-in. CMP;
(22) 90 l.f. 18-in. CMP;
(23) 174 l.f. 24-in. CMP;
(24) 4 each spillway assemblies;
(25) 10 each culvert markers;
(26) 10 each guide posts;
(27) 1 mile new property fence;
(28) 0.6 mile existing fences moved & reset;
(29) 4 each drive gates;
(30) 14 each monuments complete in place;
(31) 1 only existing bridge removed and disposed of.

Total bids follow:

(A) J. V. Galbraith and Don A. Canaveri, Santa Rosa, $50,098.32.
(B) Larsen Bros. and Harms Bros., Sacramento, $53,797.00.
(C) Heafey-Moore Co., Oakland, $68,-662.50.
(D) E. T. Lesure, Oakland, $73,670.40.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)....	$557.00	$400.00	$1000.00	$200.00
(2)....	2.00	1.25	2.50	2.00
(3)....	.40	.40	.75	.65
(4)....	.90	1.00	1.20	1.25
(5)....	.02	.02	.03	.02
(6)....	.44	.35	.75	.70
(7)....	4.45	1.50	3.00	4.50
(8)....	8.00	10.00	10.00	15.00
(9)....	.65	.90	1.70	1.50
(10)....	.26.00	25.00	35.00	21.00
(11)....	.08	.06	.16	.15
(12)....	.054	.06	.06	.07
(13)....	19.70	28.00	20.00	26.00
(14)....	27.25	30.00	32.00	29.00
(15)....	45.00	60.00	80.00	64.00
(16)....	.42	.30	.35	.40
(17)....	.46	.90	.50	.65
(18)....	23.40	25.00	22.00	21.00
(19)....	2.00	5.00	4.00	9.00
(20)....	1.35	1.00	2.00	1.50
(21)....	1.45	1.50	2.25	2.00
(22)....	2.15	2.00	2.50	2.50
(23)....	3.58	3.00	3.00	3.00
(24)....	16.00	20.00	35.00	15.00
(25)....	3.00	3.00	3.00	2.50
(26)....	3.00	3.00	3.00	2.50
(27)....	500.00	700.00	500.00	450.00
(28)....	400.00	300.00	300.00	400.00
(29)....	15.00	20.00	15.00	40.00
(30)....	4.00	3.00	3.00	6.00
(31)....	220.00	500.00	900.00	600.00

BIDS WANTED

LAKE COUNTY, Calif.—Until August 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.3 miles grading and surfacing with screened gravel on gravel base and constructing three timber bridges in Lake County between Middle Creek and Rasmussen's Ranch.

The work involves:

(1) 10.5 acres clear and grub right of way;
(2) 1,560 M. gals. water;
(3) 27,700 c.y. rdwy. excav., unclass.;
(4) 695,000 sta. yds. overhaul;
(5) 1,130 c.y. struc. excav.;
(6) 665 c.y. ditch and channel excav.
(7) 66 sta. finishing roadway;
(8) 17,000 tons gravel base;
(9) 4,100 tons screened gravel (surf.)
(10) 50 tons liquid asph. SC-1A (prime coat);
(11) 17 tons liquid asphalt MC-3 (seal coat);
(12) 163 tons screenings (do);
(13) 2,560 tons screenings (stockpiles)
(14) 2,350 lbs. bar reinf. steel;
(15) 93 c.y. Class A Portland cement concrete;
(16) 54 MFBM redwood timber, dense, select, all-heart struc. grade;
(17) 24 MFBM redwood timber, select all-heart, struc. grade;
(18) 2,680 l.f. furnishing redwood piles including test piles;
(19) 101 each driving do;
(20) 230 c.y. rubble masonry;
(21) 32 l.f. 8-in. CMP;
(22) 170 l.f. 18-in. CMP;
(23) 330 l.f. 24-in. CMP;
(24) 28 l.f. 36-in. CMP;
(25) 1,050 l.f. 8-in. perf. metal pipe (underdrains);
(26) 215 c.y. rock filling material (underdrains);
(27) 30 l.f. 71.7-in. multi-plate metal arch;
(28) 180 l.f. 90-in. do;
(29) 150 l.f. 120-in. do;
(30) 30 l.f. 158.9-in. do;
(31) 4 each spillway assemblies;
(32) 16 each culvert markers;
(33) 28 each guide posts;
(34) 0.1 mile new property fence (type A);
(33) 0.3 mile do (type B);
(36) 7 each drive gates;
(37) 0.14 mile existing fence to be moved and reset;
(38) 1 only existing reinf. conc. culvert to be removed;
(39) 1 only existing concrete bridge to be removed;
(40) 700 lbs. struc. metal;
(41) 27 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka. *

BIDS WANTED

MONO COUNTY, Cal.—Until July 28, 3 P. M., bids will be received by the State Division of Highways, S. W. Lowden, Acting District Engineer, Bishop, for furnishing and applying liquid asphalt to the existing roadbed on about 5.1 miles in Mono County between the easterly boundary of Yosemite National Park and 5.9 miles easterly.

The work involves:

(1) 130 tons liquid asphalt, type SC-2 in place.

Plans and specifications obtainable from the above office, and on file at the office of DAILY PACIFIC BUILDER. *

BIDS OPENED

SAN FRANCISCO.—Barrett & Hilp, 918 Harrison St., and Pacific Bridge Co., Balfour Bldg., bidding jointly, at $800,000 submitted low bid to Golden Gate Bridge & Highway District, W. W. Felt, Jr., Secretary, for paving the main span, side spans and approach spans of Golden Gate Bridge. Approximately 9,000 feet of 60-ft. roadway and 11-ft. sidewalk on each side is to be paved. Lightweight aggregate will be specified for the west sidewalk only.

The work includes furnishing and installing scuppers and drainage pipes. Reinforced concrete balustrades are to be furnished on both sides of the roadway over the Marin approach span and the wing walls of the north abutment.

Bids were taken as follows:

(1) Lump sum paving of roadway & sidewalks on main structure and approaches from the San Francisco abutment to the Marin abutment, inc. expansion joints, curbs, concrete balustrades, reinforcing steel, scuppers, etc.;
(2) Lump sum drain pipes, including fastenings;
Lump sum Items (1) and (2);
(3) c.y. natural concrete in paving of roadway and sidewalk;
(4) c.y. light weight concrete in sidewalk paving;
(5) c.y. concrete in balustrades;
(6) lb. reinf. steel (exclusive of the trusses);
(7) lb. reinf. steel fabricated trusses;
(8) l.f. copper expansion joint;
(9) l.f. premoulded expansion joint (inverted U);
(10) lb. steel expansion dam. including fastenings;
(11) l.f. 6-in. cast iron drain pipe, including fastenings.

Total bids follow:

(A) Barrett & Hilp and Pacific Bridge Co., San Francisco, $800,000.
(B) Bates & Rogers Const. Co., San Francisco, $843,781.

Unit bids follow:

	(A)	(B)
(1).....	$795,000.00	$838,906.00
(2).....	5,000.00	4,875.00
(3).....	20.00	33.00
(4).....	25.00	47.40
(5).....	50.00	54.25
(6).....	.045	.041
(7).....	.06	.057
(8).....	.50	.60
(9).....	.20	.35
(10).....	.10	.21
(11).....	1.50	2.50

Engineer's estimate, $600,000.

Bids referred to the building committee and to Strauss & Paine, Inc., engineers for the bridge district.

BIDS WANTED

SAN BERNARDINO CO., Cal.—Until August 6, 2 P. M., bids will be received by the State Highway Engineer State Bldg., Los Angeles, for about 15.4 mi. grading and applying bituminous road-mix surface treatment in San Bernardino County between the Nevada State Line and Mountain Pass.

The work involves:
(1) 445,000 c.y. rdwy. excav., unclass.
(2) 12,650,000 sta. yds. overhaul;
(3) 40,000 c.y. imported borrow;
(4) 6,000 c.y. struc. excav.;
(5) 809 sta. finishing rdwy.;
(6) 1,900 tons liquid asphalt SC-2;
(7) 184,000 sq. yds. preparing, mixing and shaping roadbed;
(8) 189 tons liquid asphalt 90-95 (seal coat);
(9) 2,270 tons screenings (seal coat);
(10) 95 MFBM dense, select, all-heart struc. grade rdewood;
(11) 60 MFBM select, all-heart struc. grade redwood;
(12) 5,140 l.f. furnish treated Douglas fir piles;
(13) 192 each driving piles;
(14) 8,860 lbs. struc. metal;
(15) 250 c.y. dry rubble;
(16) 1,692 l.f. 24-in. CMP;
(17) 1,796 l.f. 30-in. CMP;
(18) 284 l.f. 36-in. CMP;
(19) 144 l.f. 42-in. CMP;
(20) 156 l.f. 48-in. CMP;
(21) 325 l.f. 75-in. multi plate CMP (412-18);
(22) 175 l.f. 90-in. do (512-18);
(23) 62 each culvert markers;
(24) 197 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

BIDS WANTED

NEVADA COUNTY, Cal.—Until July 29, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.4 miles grading and surfacing with crusher run base and plant-mixed surfacing in Nevada Co. bet. Donner Lake and Truckee.

The work involves:
(1) 270 M. gals. water;
(2) 3,500 c.y. imported borrow;
(3) 127 sta. finishing rdwy.;
(4) 1,380 tons untreated crush. gravel or stone surf.;
(5) 7,500 tons crusher run base;
(6) 55 tons liquid asph. SC-2 (prime coat and penetration oil treat.);
(7) 146 tons sand (do);
(8) 4,900 tons mineral aggregate for plant-mixed surf.;
(9) 235 tons liquid asph. ROMC-3, ROMC-4 or ROMC-5 (plant-mixed surf.);
(10) 20 tons do (seal coat);
(11) 182 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville.

BIDS WANTED

KINGS COUNTY, Cal.—Until July 27, 10 A. M., bids will be received by the Division of Highways, R. M. Gillis Dist. Engineer, State Highway Bldg. Fresno, for grading, applying road-mix surface treatment, and constructing a timber bridge on about 0.21 mile in Kings County between 5 miles and 4½ miles south of Kettleman City.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—Stewart M. McGaw, 425 Lexington Ave., Stockton, awarded contract by the Modesto City Council, H. E. Gragg City Clerk, for 291,000 sq. ft. of pavement resurfacing.

Unit bids follow:
(1) Burning existing pavement, $.17½ sq. yd.;
(2) Asphalt emulsion binder coat, $25 per ton;
(3) Asphalt emulsion seal coat, $25.00 per ton;
(4) Bituminous treated surface, $5.00 per ton;
(5) Sand for seal coat, $5.00 per ton;
(6) Natural rock asphalt, $7.90 per ton
(7) Corrugated iron culvert, $3 per ft.

ROAD CONTRACT AWARDED

YOLO COUNTY, Cal.—J. R. Reeves Rt. 3, Box 100, Sacramento, awarded contract by Spreckels Sugar Co., San Francisco, for constructing roads, etc., at the site of the new sugar refinery in Yolo County.

BIDS WANTED

JACKSON CO., Oregon.—Until July 29, 10 A. M., bids will be received by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, W. H. Lynch, District Engineer, for 2.013 miles grading and 1.235 miles advance clearing on the Tiller-Trail highway, Umpqua National Forest, Jackson Co.

The work involves:
(1) 22 acres clearing;
(2) 13 acres grubbing;
(3) 157,400 c.y. unclass. excav.;
(4) 900 c.y. rock backfill;
(5) 116,000 sta. yds. overhaul;
(6) 2.013 miles finishing earth graded road;
(7) 6,000 c.y. mile overhaul;
(8) 5 acres roadside cleanup;
(9) 75 each, dangerous trees & snags
(10) 11,000 l.f. rounding cut slopes;
(11) 500 l.f. 8-in. perforated corrugated galvanized metal pipe;
(12) 530 l.f. 18-in. extra strength reinforced concrete pipe;
(13) 410 l.f. 24-in. extra strength do;
(14) Lump sum, extra and miscellaneous force account work.

Plans and specifications obtainable from the above office upon deposit of $10.00.

BIDS WANTED

SAN FRANCISCO. — Until July 29, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,923, for repaving and widening of First St. between Market and Harrison Streets, a PWA project. Est. cost, $28,640.

The work involves:
(1) 20,000 sq. ft. brick pave. removed
(2) 41,000 sq. ft. basalt block pavement removed;
(3) 11,000 sq. ft. asphaltic concrete wearing surface removed;
(4) 4,000 sq. ft. asphalt conc. pavement, consisting of a concrete base and an asphaltic concrete wearing surface, removed;
(5) 4,100 l.f. curbs reset;
(6) 2,000 sq. ft. granite curb redressed;
(7) 450 l.f. armored concrete curb;
(8) 400 l.f. new granite curb in place
(9) 13,500 sq. ft. one-course concete sidewalk;
(10) 900 sq. ft. asphalt-macadam walk consisting of a 4-in. rock macadam base and a 1-in. asphaltic concrete wearing surface;
(11) 6 brick catchbasins move and reset;
(12) 6 curb inlets, constructed;
(13) 21 brick catchbasins set to grade
(14) 750 tons asphaltic base and leveling course;
(15) 867 tons asphaltic wearing surf.;
(16) 100 tons asphaltic conform pave.;
(17) 900 reset crosswalk markers;
(18) 450 new do;
(19) 20,000 sq. ft. 6-in. Class E concrete pavement base;
(20) 14,000 sq. ft. 8-in. do;
(21) 6 manhole frames and covers;
(22) 1,700 l.f. 1½-in. black conduit;
(23) 5 low pressure hydrants moved;
(24) 3 high pressure hydrants moved;
(25) 3 fire and police boxes moved;
(26) 50 c.y. Class B concrete;
(27) 6 street and traffic signs moved;
(28) 2,100 lbs. cast iron pipe and specials;
(29) 225 lbs. pig lead furnished;
(30) 500 lbs. wrought iron bolts and nuts, furnished;
(31) 18 c.y. hydrant excavation;

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.00.

CONTRACT AWARDED

BERKELEY, Cal. — Ransome Co., 4030 Hollis St., Emeryville, at $3639 submitted low bid and awarded contract by the Berkeley City Council for widening College Avenue from Russell St. to Webster St.

The work involves:
(1) 200 c.y. grading;
(2) 10 c.y. grading below subgrade;
(3) 13,720 l.f. curb and 2½ ft. gutter
(4) 100 l.f. curb and 2 ft. gutter;
(5) 300 sq. ft. pavement;
(6) 110 tons resurfacing;
(7) 2,175 sq. ft. sidewalks;
(8) 460 sq. ft. driveways;
(9) One catchbasin with connections;
(10) One catchbasin to be reconst.;
(11) 4 curb inlets;
(12) 20 l.f. box culverts;
(13) 20 l.f. 8-in. pipe culvert.

Total bids follow:
(A) Ransome Co., Emeryville, $3639.
(B) Albany Cement Contractors, Inc., Albany, $3827.50.
(C) Lee J. Immel, Berkeley, $3990.
(D) W. H. Larson, Oakland, $4991.97

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 2.30	$ 2.25	$ 3.45	$ 5.00
(2)	2.00	2.50	1.00	5.00
(3)	1.00	.95	1.00	1.25
(4)	.90	.90	.90	1.15
(5)	.22	.16	.20	.30
(6)	4.50	7.00	5.00	7.00
(7)	.16	.14	.20	.18
(8)	.25	.22	.25	.24
(9)	60.00	90.00	80.00	125.00
(10)	35.00	55.00	30.00	50.00
(11)	30.00	35.00	30.00	15.00
(12)	4.50	4.50	3.00	3.00
(13)	1.50	1.50	1.50	1.00

BIDS OPENED

KLAMATH COUNTY, Ore.—Dunn & Baker, Klamath Falls, at $252,187.70 submitted low bid to the Bureau of Public Roads, W. H. Lynch, Dist. Engineer, 316 New Post Office Bildg., Portland, for grading about 2.753 miles of Crater Lake National Pk. Rim Road Project.

Complete bids follow:

Dunn and Baker, Klamath Falls	$252,187.70
Guthrie-McDougall Co., Portland	267,084.75
P. L. Crooks & Co. Portland	267,951.50
F. C. Dillard, Medford	297,905.50
Malcolm & Bell, Portland	314,346.00

LOW BIDDER

MODOC and Siskiyou Cos., Calif.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $7,536 submitted low bid to the Division of Highways, F. W. Haselwood, District Engineer, Redding, for applying penetration oil treatment on about 5.2 miles between 1.7 miles southeast of Tule Lake and Oregon State Line, in Modoc and Siskiyou Counties.

Complete bids will be given shortly.

LOW BIDDER

SHASTA COUNTY, Calif. — Lee J. Immel, 1031 Evelyn St., Berkeley, at $10,700 submitted low bid to the Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 2.5 miles surfacing with road-mix surfacing bet. Snaveley's sawmill and Montgomery Creek in Shasta Co.

Complete bids will be given shortly.

AWARD RECOMMENDED

SIERRA COUNTY, Cal.—Award of a contract to R. A. Farish, 14 Pinehurst Way, San Francisco, at $54,-

507.42 for 3.7 miles grading on Sections C of Route 27, the Sierraville-Hobart National Forest Highway, Tahoe National Forest, Sierra County, has been recommended by Dist. Engineer, C. H. Sweetser, U. S. Bureau of Public Works, San Francisco.

BIDS WANTED

MARIN COUNTY, Cal.—Until July 27, 11 A. M., bids will be received by the Marin County Board of Supervisors, Court House, San Rafael, for approximately 44,105 sq. yds. surfacing with armor coat and approximately 16,386 sq. yds. to be seal coated only, in Marin County, on the Kentfield-San Quentin Road from Laurel Grove Ave. to the San Rafael-San Quentin State Highway, and on Corte Madera lateral, from the Corte Madera city limits to the Redwood Highway.

The work involves:
(1) 155 tons heavy oil;
(2) 970 tons rock;
(3) 485 tons screenings;
(4) 340 tons birdseye rock.

Plans and specifications may be obtained from the office of County Surveyor Rodney Messner, Court House, San Rafael. *

July 16, 1936

BIDS OPENED

BUTTE COUNTY, Calif.—A. Teichert & Son, Inc., 1846 37th Ave., P. O. Box 1113, Sacramento, at $97,736.70 submitted low bid to the State Highway Commission at Sacramento, for widening portions of the existing roadbed and constructing borders consisting of crusher run base on pit run gravel base and salvaged surfacing; grading a line change and constructing plant - mixed surfacing (medium curing type) on crusher run base and pit run gravel base, about 18 miles between Biggs Rd. and Chico in Butte County.

The work involves:
(1) 1,300 M. gals. water;
(2) 22,500 c.y. rdwy. excav., unclass.;
(3) 1,600 c.y. struc. excav;
(4) 5,200 c.y. imported borrow;
(5) 610,000 sta. yds. overhaul;
(6) 20 c.y. existing concrete struc. removed and disposed of;
(7) 140 c.y. existing concrete pavement removed and disposed of:
(8) 952 sta. finishing rdwy.;
(9) 2,500 c.y. salvaged surf.;
(10) 12,000 c.y. pit run gravel base;
(11) 11,800 tons crusher run base;
(12) 470 tons mineral agg. (plant-mixed surf.);
(13) 25 tons liquid asphalt ROMC-3 or ROMC-4 (do);
(14) 2 tons liquid asphalt MC-3 (seal coat);
(15) 100 tons liquid asphalt SC-1A or SC-2 (penetration oil treat.) ;
(16) 300 tons sand (do);
(17) 77 tons liquid asphalt 90-95 (Class B seal coat);
(18) 950 tons screenings (seal coat);
(19) 27,500 lbs. bar reinf. steel;
(20) 9,200 lbs. struc. steel;
(21) 290 c.y. Class A Portland cement concrete (struc.);
(22) 288 l.f. 12-in. CMP;
(23) 184 l.f. 18-in. CMP;
(24) 80 l.f. 24-in. CMP;
(25) 10 l.f. 36-in. CMP;
(26) 340 l.f. existing culverts (removed, cleaned and relayed);
(27) 112 l.f. existing culverts (removed, cleaned and salvaged);
(28) 55 each removing and resetting headwalls;
(29) 800 l.f. laminated guard railing;
(30) 1,808 l.f. existing guard railing (removed and salvaged);
(31) 48 l.f. exist. guard railing (moved and reset);
(32) 88 each culvert markers;
(33) 7 each monuments, complete in place.

Total bids follow:
(A) A. Teichert & Son, Inc., Sacramento, $97,736.70.
(B) Larson Bros. and Harms Bros., Sacramento, $99,547.50.
(C) Pacific States Const. Co., San Francisco, $117,239.20.

Unit bids follow:

	(A)	(B)	(C)
(1)	$2.00	$1.50	$2.10
(2)	.45	.60	.55
(3)	1.25	1.50	1.25
(4)	1.00	.80	1.35
(5)	.006	.005	.005
(6)	10.00	10.00	6.00
(7)	1.50	3.00	2.50
(8)	7.00	5.00	5.50
(9)	.60	1.00	.50
(10)	1.16	1.25	1.90
(11)	2.12	2.30	3.20
(12)	4.75	4.25	4.40
(13)	17.00	25.00	20.00
(14)	50.00	40.00	30.00
(15)	27.50	18.00	17.00
(16)	3.50	3.00	2.30
(17)	35.00	24.00	22.00
(18)	4.50	4.00	3.50
(19)	.06	.06	.06
(20)	.08	.08	.08
(21)	23.50	25.00	22.00
(22)	1.75	1.50	1.40
(23)	2.50	2.00	2.10
(24)	4.00	3.00	3.40
(25)	7.00	5.00	6.00
(26)	.50	1.00	.50
(27)	.45	.50	.50
(28)	15.00	10.00	12.50
(29)	1.25	1.20	1.25
(30)	.10	.25	.20
(31)	1.00	1.00	1.25
(32)	3.00	3.00	3.00
(33)	3.00	3.00	3.50

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CONTRACT AWARDED

YOLO COUNTY. — Asphalt Pavement Planing Co., 1924 Broadway, Room 9, Oakland, at $6,630 awarded contract by the State Highway Commission, Sacramento, for planing existing bituminous surfacing on about 11.38 miles at various locations between Woodland and Knights Landing in Yolo County.

BIDS WANTED

DEL NORTE CO., Calif.—Until August 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 5.7 miles grading, surfacing with screened gravel on gravel base, and constructing timber bridges in Del Norte County between Winton Corners and the Oregon State Line.

The work involves:
(1) 21 acres clear and grub right of way;
(2) 2,500 M. gals. water;
(3) 71,000 c.y. rdwy. excav., unclass.;
(4) 2,480 c.y. struc. excav.;
(5) 2,750 c.y. ditch and channel excavation;
(6) 225,000 sta. yds. overhaul;
(7) 3,650 c.y. imported borrow;
(8) 300 sta. finishing rdwy.;
(9) 47,000 tons gravel base;
(10) 15,150 tons screened gravel (surf.)
(11) 200 tons of liquid asphalt SC-1A (prime coat);
(12) 70 tons liquid asphalt MC-3 (seal coat);
(13) 835 tons screenings (seal coat);
(14) 15,500 lbs. bar reinf. steel;
(15) 120 c.y. Class A Portland cement concrete (struc.);
(16) 52.5 MFBM redwood timber, select, dense, all-heart, structural grade;
(17) 29 MFBM redwood timber, select, all-heart, struc. grade;
(18) 2,690 l.f. furnishing treated Douglas fir piles, including test piles;
(19) 71 each driving piles, including test piles;
(20) 490 l.f. 8-in. CMP;
(21) 76 l.f. 12-in. CMP;
(22) 720 l.f. 18-in. CMP;
(23) 250 l.f. 24-in. CMP;
(24) 112 l.f. 30-in. CMP;
(25) 226 l.f. 36-in. CMP;
(26) 280 l.f. 48-in. CMP;
(27) 50 l.f. 60-in. CMP;
(28) 15 each spillway assemblies;
(29) 1,650 l.f. 8-in. perf. metal pipe (underdrains);
(30) 450 c.y. rock filling material;
(31) 0.38 mile Type A property fence;
(32) 0.55 mile Type B do;
(33) 5 each drive gates;
(34) 0.8 mile removing and disposing of property fences;
(35) 280 each guide posts;
(36) 52 each culvert markers;
(37) 65 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka. * 29

CONTRACT AWARDED

MENDOCINO, HUMBOLDT, & DEL NORTE COUNTIES. — Chas. Harlowe, Jr., 3501 Broadway Terrace, Oakland, at $68,759.35, awarded contract by the State Highway Commission, Sacramento, for furnishing and stockpiling road-mix surfacing materials at various locations on about 21.5 miles of roadway in Mendocino, Humboldt, and Del Norte Counties.

BIDS OPENED

RIVERSIDE COUNTY, Cal.—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at $5,576 submited low bid to the Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, for applying seal coat on about 6.8 miles between 1½ miles north of Modeno and 2½ miles west of Beaumont, Riverside County.

The work involves:
(1) 115 tons liquid asphalt, 90-95, in place.
(2) 1,369 tons screenings, in place.

Complete bids follow:
R. E. Hazard & Sons, San Diego: (1) $20; (2) $2.40; total $5576.
George Gardner & Sons, Redlands: (1) $15.89; (2) $2.75; total, $5581.10.
Matich Bros., Elsinore: (1) $17.50; (2) $2.75; total, $5766.25.
A. S. Vinnell Co.: (1) $16.60; (2) $2.95; total, $5935.75.
Oswald Bros.: (1) $18; (2) $2.85; total, $5960.25.

BIDS OPENED

SAN BERNARDINO COUNTY, Cal. —Morgan Bros., 5919 Maywood Ave., Huntington Park, at $1,080.75 submitted low bid to Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, for applying liquid asphalt on shoulders for about 3.8 miles in San Bernardino County between San Bernardino and Highland.

The work involves:
(1) 165 tons liquid asphalt, SC-2, in place.

Complete bids follow:
Morgan Bros., Huntington Park: (1) $6.55; total, $1080.75.
Paulsen & Marsh, Los Angeles: (1) $6.90; total, $1138.50.
Gilmore Oil Co., Los Angeles: (1) $6.96; total, $1148.40.
Regal Oil Co., Long Beach: (1) $7.13 total, $1176.45.
Lamb's Transfer Co., Long Beach: (1) $7.30; total, $1204.50. 29

CONTRACT AWARDED

PLACER COUNTY, Cal.—Hemstreet & Bell, 411 C St., Marysville, at $163,069 awarded contract by State Highway Commission, Sacramento, for about 7.1 miles grading and surfacing with plant-mixed surfacing on crusher run base in Placer County between 4½ miles northeast of Tahoe City and the Nevada State Line.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until July 30, 10 A. M., bids will be received by the Santa Clara Valley Water Conservation District, Leroy Anderson, Secretary, Room 62, Grant Building, San Jose, for the construc-

tion of Calero Road, Contract No. 2-B.

Work includes clearing, grading, constructing embankments and installing structures and surfacing with gravel on 2.2 miles on the easterly side of Calero Reservoir and connection therefrom to Bailey Avenue.

The work involves:

(1) 140,000 c.y. rdwy. excavation;
(2) 5,300 c.y. creek gravel, roadway surface;
(3) 260 l.f. 8-in. CMP, 16-gauge;
(4) 300 l.f. 8-in. perf. CMP, 16-gauge
(5) 382 l.f. 12-in. do;
(6) 420 l.f. 18-in. do;
(7) 100 l.f. 18-in. CMP, 14-gauge;
(8) 240 l.f. 24-in. CMP, 12-gauge;
(9) 15 embankment protectors;
(10) 45,000 c.y. protective levee construction;
(11) 580 c.y. structure excavation;
(12) 4 miles fence;
(13) 6 MFBM lumber in guard fence;
(14) 270 c.y. concrete;
(15) 32,000 lbs. reinforcing steel;
(16) Lump sum, remove and rebuild existing power line (engineer's estimate, $2,000);
(17) Lump sum, remove and rebuild existing power line (engineer's estimate, $1,500);
(18) Furnish and install one Calco No. 100 drainage gate, or equivalent;
(19) Lump sum, premium on 50% surety & 10% performance bonds

Plans and specifications obtainable from the above office and from the office of Fred H. Tibbetts, engineer, 1320 Alaska Commercial Bldg., San Francisco, upon deposit of $20.00.

30—RESERVOIRS & DAMS

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, Calif.—L. E. Dixon, Bent Bros., Inc., and Case Constr. Co., 609 S. Grand Ave., Los Angeles, at $87,217.50 awarded contract by the Bureau of Reclamatiion, 206 Old Post Office Bldg., Sacramento, Walker Young, Construction Engineer, under Spec. No. 800-D, for core-drilling and excavation for investigation of Kennett dam site, Central Valley Project.

The work is located about 12 miles north of Redding.

31—PIPE LINES & WELLS

SUB-CONTRACTS AWARDED

SAN FRANCISCO — Lindgren & Swinerton, Inc., 225 Bush St., general contractor for construction of a 304-mile pipe line from Kern County oil fields to Martinez refinery for the Shell Oil So., has awarded the following sub-contracts:

Hauling — Bakersfield Contract Carriers, Inc., 1915 Nile St., Bakersfield.

Welding—H. C. Price, Inc., 894 Folsom St., San Francisco.

NO BIDS RECEIVED

SACRAMENTO COUNTY, Cal.—No bids were received by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, July 10, under Bid No. 0280, for drilling, casing, perforating, and pumping and testing one 12-in. diam. water well, 60 to 200 ft. in depth in Sacramento County, near the town of Wilton, 28 miles southeast of Sacramento and 6 miles east of Elk Grove. Federal Project No. 600. New call for bids will be issued shortly.

32—SEWERS & SEWAGE DISPOSAL PLANTS

AWARDS RECOMMENDED.

SUNSET BEACH, Orange Co., Cal.—Recommendation of awards on the proposed sewer system and disposal plant and ocean outfall were made to the PWA by the Sunset Beach Sanitary District July 14, as follows:

Miracle Co., 4751 Monroe St., San Diego, Section I, sewer system, at $45,725.25.

H. A. Teget, 133 Princeton St., Ontario, Section II, the disposal works, at $21,090.25.

George Miller, 9401 Brighton Way, Beverly Hills, Section III, the ocean outfall, at $3950.

Grand total of combined low bids, $70,765.50.

The complete total bids were:

Miracle Co.—(1) $47,725.25; (2) and (3) no blds.

H. A. Teget—(1) no bid; (2) $21,090.25 (3) no bid.

George Miller—(1) and (2) no blds; (3) $3950.

J. C. Hickey, Alhambra—(1) $45,855.20 (2) $20,706; (3) $5200.

Hoagland Engineering & Constr. Co., Long Beach—(1) no bid; (2) $24,284.20; (3) no bid.

Nick Chutuk—(1) $58,379.34; (2) no bid; (3) $6500.

Plans for the system were prepared by Duke Hunt, consulting engineer and chief engineer, 1551 Ocean Ave., Sunset Beach.

The work involves:

Section I—Sewer System

(1a) 3623 ft. 6-in. sewer, vitrified;
(1b) 10,293 ft. 8-in. do;
(1c) 9718 ft. 10-in. do;
(2) 54 standard manholes;
(3) 20 standard lampholes;
(4) 2 standard flush tanks;
(5) 7 shallow flush tanks;
(6) 500 tons screened gravel for placing in trench as directed by the district engineer;
(7) 1 invested siphon on Broadway from Sta. 2 plus 34.64 to Sta. 4 plus 60.64;
(8) 140 sq. ft. replacing conc. paving;
(9) 50,000 sq. ft. replacing oil macadam paving;
(10) 10 c.y. Class D concrete in place for piers, supporting sewers or for protecting same.

Section II—Sewage Disposal Works, Pumping Stations, Pressure Main and Outfall Sewer

(1) 500 c.y. excav. for struc. of sewage disposal works, pumping stations and inc. sheeting, shoring, pumping and placing all excavated material in embankment around the plants after completting or wasting within 300 ft. of structures;
(2) lump sum (except excavation) for constructing main struc., including digestion tank, settling tank with all mechanical equipment, and building over settling tank with all valves, piping and special fittings;
(3) Pumping Station No. 1 complete, except excavation:
  (a) with Byron-Jackson pumps;
  (b) with Chicago Pump Co. pumps;
  (c) with Fairbanks, Morse & Co. pumps;
(4) Pumping Station No. 2:
  (a) with Byron-Jackson pumps;
  (b) with Chicago Pump Co. pumps;
  (c) with Fairbanks, Morse & Co. pumps;
(5) pressure main:
  775 l.f. 6-in. cast iron pipe; (Alt.: 775 ft. 6-in. double dipped and Pabco wrapped 12-ga. steel pipe line);
(6) outfall sewer:
  708 ft. 8-in. vitrified clay pipe line;
  289 ft. 6-in. cast iron pipe line.

Section III—Ocean Outfall

(1) 1300 l.f. 6-in. flexible joint CI pipe
(2) 2471 l.f. 6-in. do

Previous bids, opened May 18, were above the estimate and the funds available. J. C. Hickey of Alhambra, was the low bidder at that time, his bid being $86,998.25, based on the use of Fairbanks, Morse & Co. pumps. Mike Radich and C. T. Brown, Los Angeles, submitted the only other bid at $87,304.10, using Kimball - Krogh pumps.

Copies of the plans and specifications may be obtained at the office of the engineer, Broadway and State Highway, Sunset Beach. Each bid must be accompanied by a certified or cashier's check for an amount equal to 10% of the proposal.

33— WATER WORKS

CONTRACT AWARDED

SAN FRANCISCO.—Rich Mfg. Co., San Francisco, at $15,900 awarded contract for hydrants, and M. Greenberg & Sons, 765 Folsom St., at $945 awarded contracts for parts, under Bid No. 1603, by T. A. Brooks, Purchaser of Supplies, San Francisco.

CONTRACT AWARDED

SAN FRANCISCO—W. J. Tobin, 586 Howard St., at $867 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W.D. 114, for the laying of 12-in. cast iron feeder mains in Harrison St., between First and Essex Streets.

CONTRACT AWARDED

SAN FRANCISCO—Chas. L. Harney, Call Bldg., at $3302 (Alt. "B") awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W.D. 115, for the relocation of a 20-in. steel feeder main in Sloat Blvd., from 23rd to 24th Aves.

34 — PARKS AND PLAYGROUNDS

BIDS WANTED

TORRANCE, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Torrance, for lawn sprinkler system at the post office in Torrance.

CONTRACT AWARDED

SAN BENITO COUNTY, al.—Leo F. Piazza, 296 N 6th St., San Jose, at $19,973.45 awarded contract by State Highway Commission, Sacramento, for landscape development at the junction of Routes 2 and 22, San Benito County.

BIDS OPENED

SANTA CRUZ, Cal.—West Coast Nursery, Palo Alto, at $827 submitted only bid to Treasury Department for seeding and planting grounds at the Santa Cruz Post Office.

BIDS WANTED

AMADOR COUNTY, Cal.—Until July 27, 3 P. M., bids will be received by Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for constructing fence at the Sate Highway Maintenance Station in Ione, Amador County.

Specifications obtainable from above office.

BIDS REJECTED

ROSEVILLE, Placer Co., Cal.—The Treasury Department rejected all bids for furnishing and installing a lawn sprinkling system at the post office, Roseville. On previous bid opening the lowest bid was submitted by J. J. McDermott, Sacramento, at $2,474.

CONTRACT AWARDED

MT. VERNON, Wash.—Mt. Vernon Nursery, Mt. Vernon at $490 awarded contract by the Treasury Department for seeding and planting grounds at the Mt. Vernon post office.

July 13, 1936

BIDS WANTED

VALLEJO, Solano Co., Calif.—Until August 4, bids will be received by the Treasury Department, Washington, D. C., for planting and seeding grounds at the U. S. Post Office, Val-

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Building Permits Set 5-Year Record

To Ask Bids On Broadway Tunnel Completion

Building Permits, Advance Reports of Building and Engineering Projects

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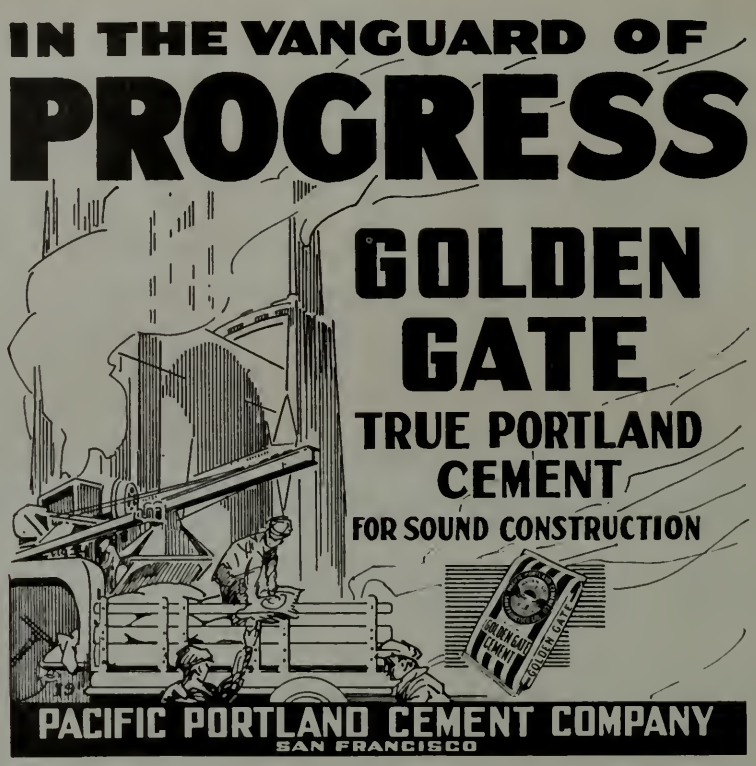

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215 Cities Report Five-Year Record Total in June Building Permit Values

The value of building permits issued in the leading cities of the country increased sharply during June, a period which normally shows very little seasonal change from May. The building permit volume for 215 cities reached a total of $112,640,106 last month, according to the monthly summary prepared by Dun & Bradstreet, Inc. This exceeded all previous records since May, 1931, and revealed an increase of 36.5 per cent from the May figure of $82,510,596, while comparison with the June, 1935, total of $52,672,-794 showed a rise of 113.9 per cent.

The expansion in building operations was particularly marked in New York City, especially in the boroughs of Manhattan and Bronx. In the latter borough, there was a feverish rush to file plans in order to escape the more stringent requirements of the proposed new city building code. The total for the five boroughs of New York City aggregated $40,001,404. This was the highest since April, 1931, and reflected a gain of 118.7 per cent over May and of 206.0 per cent over June a year ago.

For the 214 cities outside of the Metropolis, the June permit total amounted to $72,628,702, against $64,217,914 in the preceding month and $39,596,123 in the corresponding month last year, giving increases of 13.1 and 83.4 per cent, respectively. The release of the soldiers' bonus checks no doubt stimulated the building of homes in many sections.

The sharp June rise in building activities brought the total value of permits issued in the 215 cities for the first half of 1936 to $463,-643,585, surpassing all corresponding periods since 1931. This was just one-third larger than the aggregate for the full twelve months of 1934, and compared with $253,-244,099 for the first six months of 1935, or an advance of 83.1 percent.

New York City, with an aggregate of $111,261,830 for the half-year period, showed a gain of 84.8 per cent over a year ago, while the total for the 214 outside cities amounted to $352,381,755, or a rise of 82.5 per cent.

TO ASK BIDS FOR COMPLETING EASTBAY TUNNEL

Directors Meet Next Week To Advertise Contract

Bids for completion of the Broadway Low - Level Tunnel in Oakland will be invited probably next week, it was announced yesterday by Thomas E. Caldecott, chairman of the board of directors of Joint Highway District No. 13. The tunnel contract was abandoned a month ago by Six Companies of California, Inc., following a prolonged dispute with the district directors climaxed by the directors' refusal to extend completion time beyond the original date without penalty.

A suit has been filed in Federal court here by the contractors claiming $3,259,000 for work performed. The original bid price was $3,683,-000 and the contractor received approximately $2,170,000 in progress payments prior to abandonment. Heavy losses were attributed to unforeseen construction difficulties, which the contractor asserts could not be anticipated from geological information furnished by the district prior to receiving bids.

About thirty per cent of the tunnel remains to be completed, including excavation and lining portions of both bores and surfacing of approach roads.

The highway district directors have not announced the date of their meeting nor the probable date for receiving bids on the completion contract. District forces under Chief Engineer Wallace Boggs have been in possession of the tunnel since June 13.

$525,000 CAMPUS BUILDING FOR STANFORD DEPT.

S. F. Architects Completing Plans Of Education School Quarters

Plans are being completed by architects for Stanford University for a $525,000 building to house the school of education. Contract for the construction has been awarded George Wagner of San Francisco and work will start shortly after the first of the year.

The building is the gift of Dr. Ellwood P. Cubberly, dean emeritus of the school of education. It is being designed by Architects Bakewell and Weihe and Arthur Brown, Jr.

The site chosen is between the present main library building and the campus bookstore, facing Lasuen Street. The structure will be of reinforced concrete. It will contain 91 rooms, including offices, libraries, classrooms, work rooms and laboratories. An auditorium to seat 462 will be provided. Library facilities for 125,000 volumes are to be installed.

General Electric Quarterly Orders Best In Five Years

Orders received by the General Electric Company for the second quarter of 1936 amounted to $77,-398,718, compared with $55,163,014 for the second quarter of 1935, an increase of 40 per cent, President Gerard Swope announces. In the first quarter, the increase was 21 per cent. The second quarter of 1936 was the best since the second quarter of 1931.

Orders received for six months amounted to $136,968,597, compared with $104,542,946 for the first six months last year, an increase of 31 per cent.

Sales billed during the first six months of 1936 amounted to $119,-273,388, compared with $94,546,-274 during the corresponding period last year, an increase of 26 per cent.

FEDERAL WORK NOW GOVERNED BY SAFETY ACT

Welsh - Kahn Bill Signed Extends Jurisdiction Of Accident Commission

With the signing by the President of a bill sponsored by San Francisco representatives in Congress the State Industrial Accident Commission has obtained jurisdiction over contractors operating on Federal reservations, T. A. Reardon, chairman of the commission, announced yesterday. In consequence the commission engineers have been directed to enforce state safety orders on all Fderal work now in progress, Mr. Reardon said.

The commissioner pointed out that in the past California contractors have operated at a disadvantage frequently in bidding against out of state concerns on work exempt from the safety regulations. Outside concerns, he declared, were able to figure jobs and ignore extra costs occasioned by compensation insurance and compliance with safety orders which California contractors are compelled to observe or jeopardize their state license. The low-bidding out-of-state competitor has been able to take the job and complet it without regard for state requirements if the work is on a Federal reservation.

The loophole in the enforcement of the state statute has been closed by the new act of Congress expressly conferring authority for state inspectors to require compliance by contractors working on Federal jobs. The bill was sponsored by Representatives Florence Kahn and Richard Welsh of San Francisco.

Its terms will have an immediate effect on operations on a part of the Golden Gate bridge project, Commissioner Reardon disclosed. Although not a Federal project, it has been determined that state regulations were not enforceable on the portions of the work that are on the Federal reservations it traverses on both side of the Golden Gate. Immediately upon learning of the signing of the measure Commissioners Reardon and Frank C. MacDonald made a personal inspection of the bridge project. As a result the commissioners announced an order had been issued to contractors on the approach spans to hang safety nets beneath the elevated structures for the protection of workmen. The nets to be used will be similar to those which Bethlehem Steel Corporation, contractors on the suspended section, have agreed to install.

The nets will be of ⅜-inch rope knitted with a six-inch mesh and treated to be fireproof and weatherproof. Tests conducted by the state engineers show that a net of this specification will sustain a weight of 400 pounds dropped from a height of 53 feet. The nets will be hung so that the maximum distance a workman on the bridge deck would fall before striking the net is 35 feet.

A traveling net will be used by the steel contractor below the erecting cranes and another net will be strung from tower to tower for the safety of painters, pavers and electricians at work after the steel is erected. Costs of the safety device are estimated at $83,000 and will be paid in part by the

AUBURN P. O. BIDS AUG. 24

(SPECIAL TO DAILY PACIFIC BUILDER)

WASHINGTON, D. C., July 22.—New bids for constructing the post office building at Auburn will be received by the Treasury Department, Procurement Division, Aug. 24, it was announced today. The only bid received on a previous opening was submitted by Schuler and McDonald, Oakland, at $91,383. The bid was rejected because it exceeded available funds. The project has been allotted $75,000.

1,000,000-YARD LEVEE CONTRACT TO BE OFFERED

Fifth Job In Valley Flood Project Along Yolo By-Pass

A fifth contract for levee construction in the Sacramento Valley will be advertised shortly by the U. S. Engineers Office in Sacramento, Calif., L. B. Chalmers, district engineer, announced yesterday. About 1,045,100 cubic yards of material will be moved under this specification, it is estimated.

The work is located along the west levee of Yolo By-Pass, from Fremont Weir to a point 1.15 miles north of the Sacramento Northern railroad, north and south levees of Knights Landing ridge cut, training levees of Cache Creek settling basin and a portion of the south levee of Cache Creek.

Four contracts have been let recently for levee work on the Sacramento and Feather river flood control projects. The contractors and the amount of their contracts are: D. McDonald, Sacramento, $85,348; Morrison-Knudsen Co., San Francisco, $200,830; R. L. Oakley and J. E. Immell, Los Angeles, $106,464; Macco Construction Co., Clearwater, $135,576.

The Bureau of Census reports 3,341 orders for steel boilers for the first five months of 1936, compared with 2,449 orders for the same period last year.

STEEL SHOPS LEAD INCREASE IN EMPLOYMENT

Earnings Of Factory Workers Depending On Construction Expanding

Employment in manufacturing industries dependent directly on construction showed further improvement in June compared with the same month of last year, according to the monthly report of the State Division of Labor Statistics, prepared by Dr. Louis Bloch, principal statistician.

The greatest gain is reported in structural and ornamental steel shops, where the number of employes increased nearly 60 per cent and the weekly payrolls 84 per cent. Average weekly earnings in June amounted to $26.12, a gain of 17 per cent. Average work week in this industry was 37 hours, having been lengthened 16 per cent since June 1935. Hourly earnings increased .7 of one per cent.

The gain in employment in planing mills and sash and door factories was 5 per cent and in payrolls 21 per cent. This industry reported an average work week of 43 hours, an increase of 12 per cent from a year ago. Hourly earnings were up 2 per cent and weekly earnings up 15 per cent.

Lime, cement and plaster producers employed 12 per cent more workers in June than a year ago and weekly payrolls were 24 per cent higher.

Brick, tile and pottery employment was 32 per cent higher and payrolls were 53 per cent higher.

Statistics based upon reports received from 1,310 representative identical establishments throughout the state show for June, 1936, as compared with June, 1935, increases of 8.2 per cent in employment, 13.4 per cent in total number of man-hours worked, 15.8 per cent in the total volume of payrolls and 7.0 per cent in average weekly earnings.

In June, 1936, in factories thruout the state, the average number of hours worked per week was 39.2; the average hourly rate of pay was 66 cents, and the average weekly earnings per employee was $26.29.

RESIDENTIAL TRACT OPENED IN CAPITAL

Twenty - six modern low - priced dwellings are to be built in a group in Sacramento by Thomas H. Armstrong Co., real estate developers of that city, according to Lloyd Trousdale, sales manager. The development will be in blocks bounded by Sixteenth and Nineteenth Sts. and Castro and Caramay Ways.

The real estate agency reports sale of fifty-five lots in this section in two weeks.

MERCH. EXCHANGE ELEVATOR PLANT TO BE REPLACED

Westinghouse Starts Work In September On Modern Installation

Six ultra-modern passenger elevators will be installed shortly in the Merchants' Exchange Building at 465 California Street by Westinghouse Elevator Company to replace existing hydraulic elevators. The modernization job is being supervised by Bliss and Fairweather.

Work is to be completed on one-half the installation between September and December this year and on the balance between January and April of 1937.

The new electric elevators will consist of six 800 FPM passenger cars running from the basement to the fifteenth floor. According to Ross Rathbun, general sales manager for Westinghouse, these full automatic control cars will represent the last word in today's vertical transportation equipment. They will be provided with Westinghouse instant signals and quota control. Each car will have solid car and hatch doors running on silent gearless hangers and controlled by electric power operators. The openings will be protected by the Westinghouse Safe-T-Ray.

The equipment for each car will also include a call indicator for night service, an electric car position indicator, dispatching lights and a complete inter-communicating telephone system, together with Westinghouse cable equalizers and inertia type guide rail lubricators. Up and down lanterns with single stroke bells will also be provided in the corridors of the intermediate floors.

In the lobby at the ground floor there will be installed a starter's station with starter's call back, a convertible quota dispatcher and a panel position and motion indicator with telltale annunciator, all so grouped as to give the starter immediate and accurate information concerning any abnormal traffic peaks and to provide, if necessary instant and easy adjustment of the automatic dispatcher to effectively meet these conditions.

STATE EMPLOYMENT OFFICE TO MOVE

Headquarters offices of the State Employment Service will be transferred from San Francisco to Sacramento before September 1, Roy S. Stockton, chief of the bureau, has announced. Space will be provided temporarily in the State Capitol building. After January 1 the offices will be in the new Public Works Building.

RECORD LICENSE TOTAL PREDICTED

Registration of contractors in California for the 1936-37 fiscal year will break all records in the history of the Contractors' License Bureau, it is predicted from preliminary totals on renewals and new licenses issued to date. The bureau had renewed 20,500 licenses by July 1st, compared with 19,000 the same date in 1935.

More licenses were issued in the fiscal year just ended than in any like period since 1931, Registrar Earl Anderson announces. The total actvie licenses as of June 30 for the past seven years is shown in the following tabulation:

1930	21624	1931	27,657
1932	25,044	1933	22,037
1934	22,470	1935	22,846
1936	26234		

BIDS AUGUST 5 FOR WIDENING FOLSOM STREET

City Advertises Largest Job IN PWA Improvement Program

Bids for the widening and reconstruction of Folsom street, between the Embarcadero and Tenth street, will be taken by the San Francisco Board of Public Works, August 5.

The job is estimated to cost $111,035 and is the largest project in the present program for improving streets which will carry traffic eminating from the San Francisco-Oakland Bay Bridge terminals.

In order to take advantage of a PWA grant, all work must be completed by December 15. The contractor must work two shifts, and will be subject to $25 a day penalty for failure to complete in the time limit.

The work consists of repaving and setting back curbs, with an addition of a concrete strip of pavement adjacent to the curb line. The reconstruction of certain crossings is included in other contracts which have already been let and will not be included in this contract.

Principal items are: 76,000 square feet basalt block pavement removed; 12,100 lineal feet curbs reset; 116,000 square feet 8-inch class E concrete pavement; 67,500 square feet 6-inch class E concrete pavement; 41,000 square feet two-course concrete sidewalk; and 2600 square feet asphalt-macadam walk.

Specifications may be obtained from the office of City Engineer John J. Casey, upon deposit of $10.

SUE TO VOID PLASTER CODE IN SAN JOSE

General Contractors Protest Act Requiring 3-Coat Minimum

An injunction to stay the operation of a city ordinance requiring three coats of plaster on interiors and exteriors of houses built in San Jose is sought in a petition filed in Santa Clara County Superior Court. The suit is brought by the General Contractors' Association of Santa Clara County and Frank L. Hoyt, general contractor. The ordinance was adopted by the city council June 22 and became effective yesterday.

It has been the universal custom, the complaint states, throughout the city of San Jose and the county of Santa Clara to apply only two coats of plaster to houses and this has met all the requirements for health and safety in construction.

By reason of the late economic depression, the contractors declare, there is a great scarcity of new homes in the city of San Jose and there exists at the present time a large demand for the construction of new homes and other buildings in the city, but that the application of a third coat of plaster costs an additional $100 which many prospective home builders refuse to pay and defer their building plans.

Hoyt, a contractor and builder, complains that he has numerous plans and contracts already made for the erection of houses and if he is forced to comply with the provisions of the ordinance his costs will increase, many of the owners will refuse to carry out their contracts to build homes and he will sustain irreparable loss and damage.

The complaint says that there are so many parties interested in defeating the ordinance that it is impracticable to bring them all before the court or have them appear as plaintiffs in the action. The complaint names as interested parties mill owners, architects, building, and loan associations, banks and prospective home owners.

LABOR SHORTAGE ON CHICO CONTRACTS

Chico Board of Education has petitioned PWA to permit a work week of 48 hours for skilled labor on the high school gymnasium building contract and to rescind the 130-hour month limit for individual laborers. James Sarmento, superintendent for Campbell Construction Company of Sacramento, notified the board that the contract was 30 days behind schedule and that it would be impossible to complete the building in time for school opening unless labor restrictions were modified.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1460	Associated	Michel	2000
1461	Burdick	Scott	3000
1462	Cuneo	Owner	9500
1463	Gompertz	Moore	15000
1464	Sandeen	Owner	5000
1465	Goleratis	Owner	1400
1466	Storheim	Owner	39000
1467	Anderson	Owner	3000
1468	Suppo	Owner	3000
1469	Fienberg	Grant	1450
1470	Griswold	Akard	10000
1471	Doelger	Owner	4000
1472	Doelger	Owner	4000
1473	Doelger	Owner	4000
1474	Doelger	Owner	4000
1475	Doelger	Owner	4000
1476	Doelger	Owner	4000
1477	Battaglia	Owner	35000
1478	Little	Owner	4000
1479	Wold	Wold	4000
1481	Doering	Owner	1200
1482	Hillman	Robinson	11900
1483	Woodruff	Land	3950
1484	Bartolotti	Owner	3500
1485	Blair	Lindgren	1000
1486	Osborne	Schmidt	3000
1487	Herzig	Owner	4000
1488	Herzig	Owner	4000
1489	Herzig	Owner	6000
1490	Herzig	Owner	4000
1491	Herzig	Owner	4000
1492	Baldwinson	Owner	3000
1493	Baldwinson	Owner	3000
1494	Veyhle	Owner	3500
1495	Almond	Petrekis	1200
1496	Sherman	McLaughlin	20000
1497	Fay	Gladstone	6000
1498	Harris	Grant	5900
1499	Hardiman	Owner	4000
1500	Hardiman	Owner	4000
1501	Roche	Owner	4000
1502	Steinauer	Munson	1600
1503	Eighth	Owner	6000
1504	Gribbin	Hogrefe	5500

STATION
(1460) NE PRESIDIO AVE AND Geary St. Service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor — Michel & Pfeffer Iron Works, Inc., 1415 Harrison St., San Francisco. $2000

DWELLING
(1461) E PORTOLA DRIVE 70 N 24th St. One-story and basement frame dwelling.
Owner—N. Burdick, 825 Pine Street, San Francisco.
Architect—Not Given.
Contractor—H. E. Scott, 4520 Cabrillo St., San Francisco. $3000

APARTMENTS
(1462) E GUERRERO ST. 110 N 16th St. Two-story frame and basement apartments.
Owner—J. L. Cuneo, 3919 17th St., San Francisco.
Architect—Not Given. $9500

FACTORY
(1463) E POTRERO AVE. 100 S 18th St. One-story Class C factory.
Owner—Chas. W. Gompertz, Balboa Bldg., San Francisco.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Moore & Roberts, 693 Mission St., S. F. $15,000

DWELLING
(1464) E LOPEZ AVE. 100 N Castenada St. Two-story and basement frame dwelling.
Owner—Conrad Sandeen, 44 Sola Ave. San Francisco.
Architect—Not Given. $5000

ALTERATIONS
(1465) NO. 2525 CALIFORNIA ST. Alter dwelling.
Owner—J. Goleratis, Premises.
Architect—Not Given. $1400

APARTMENTS
(1466) NW WEBSTER AND BEACH Sts. Three-story frame apartments.
Owner—Martin P. Storhelm, % Architect.
Architect — Richard R. Irvine, 2048 Market St., San Francisco.
Engineer—James M. Smith, 251 Kearny St., San Francisco. $39,000

DWELLING
(1467) E TWENTY - NINTH AVE. 200 S Rivera St. One-story and basement frame dwelling.
Owner—N. W. Anderson, 2437 24th Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(1468) NO. 2423 POLK ST. Alter dwelling.
Owner—J. Suppo, Premises.
Architect—Julia Morgan, Merchants' Exchange Bldg. $3000

ALTERATIONS
(1469) NO. 916 MARKET STREET. Alter store.
Owner—J. S. Fienberg, Premises.
Architect—Not Given.
Contractor—Grant-Martinelli Constr. Co., 44 Mary St., S. F. $1450

DWELLING
(1470) NE MARCOS AND SANTA Rosa Ave. Two-story and basement frame dwelling.
Owner—Florence Griswold, % Contractor.
Architect—Not Given.
Contractor—W. C. Akard, 225 Cervantes St., S. F. $10,000

DWELLING
(1471) E 17th AVE. 175 S Moraga. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1472) E 17th AVE. 225 S Moraga. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street
Architect—Not Given. $4,000

DWELLING
(1473) E 17th AVE. 125 S Moraga. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1474) W 16th AVE. 267 S Ortega. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1475) E 17th AVE. 150 S Moraga. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1476) E 17th AVE. 200 S Moraga. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

APARTMENTS
(1477) NE COR. GOUGH and Greenwich Streets.
Owner—Salvatore Battaglia, % architect.
Architect—H. C. Baumann, 251 Kearny Street
Engineer—James M. Smith, 251 Kearny Street. $35,000

DWELLING
(1478) E 25th AVE. 100 S Moraga. One - story and basement frame dwelling.
Owner and Builder—M. Little, 2546 27th Avenue.
Architect—Not Given. $4,000

DWELLING
(1479) E 16th AVE. 100 N Wawona. One - story and basement frame dwelling.
Owner—Clarence Wold, 4416 Fulton.
Architect—Not Given.
Contractor—C. L. Wold Const. Co., Ltd., 4412 Fulton St. $4,000

DWELLING
(1480) S PIOCHE 120 W Harvard. One - story and basement frame dwelling.
Owner and Builder—J. A. Johnson, 69 Madison Street.
Architect—Not Given. $3,000

ALTERATIONS
(1481) 1222 MASONIC Avenue. Alter flats.
Owner and Contractor—G. J. Doering, 1222 Masonic Avenue.
Architect—Not Given. $1,200

ALTERATIONS
(1482) 165 ELEVENTH Street. Alter hotel.
Owner—E. H. Hillman, 216 11th St.
Architect—Charles F. Strothoff, 2271 15th Street.
Contractor—Robinson & Gillespie, 41 Sheridan. $11,000

DWELLING
(1483) S GLOVER ST. 90 W Jones St. Two-story and basement frame dwelling.
Owner — A. Wilbur Woodruff, 2200 Green St., San Francisco.
Architect—Not Given.
Contractor—Land Development Co., 364 Bush St. $3950

DWELLING
(1484) E FOLSOM ST. 125 S Eugenia St. One-story and basement frame dwelling.
Owner—Joseph Bartolotti, 28 Dolores Terrace, San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(1485) NW ELLIS & MASON STS. Alter hotel.
Owner—J. Blair, % Contractor.
Architect—Not Given.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St. $1000

DWELLING
(1486) N TWENTY-FIFTH ST. 50 W Alabama St. One-story and basement frame dwelling.

Owner—Sidney Osborne, 2877 Mission St., San Francisco.
Architect—Not Given.
Contractor—Schmidt Bros., 2888 Folsom St., San Francisco. $3000

DWELLING
(1487) N CRESTLAKE 234 W Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 345 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4000

DWELLING
(1488) N CRESTLAKE 201 N Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 345 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4000

DWELLING
(1489) W GABILAN WAY 80 N Sloat Blvd. One - story and basement frame dwelling.
Owner—A. J. Herzig, 345 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $6000

DWELLING
(1490) N CRESTLAKE 168 W Sloat Blvd. One - story and basement frame dwelling.
Owner—A. J. Herzig, 345 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4000

DWELLING
(1491) N CRESTLAKE 234 W Sloat Blvd. One - story and basement frame dwelling.
Owner—A. J. Herzig, 345 Sloat Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4000

DWELLING
(1492) E THIRTY-FIFTH AVE. 225 N Santiago St. One-story and basement frame dwelling.
Owner—Ingvar Baldwinson, 322 Judson Ave., San Francisco.
Architect — C. O. Clausen, 746 46th San Francisco. $3000

DWELLING
(1493) E THIRTY-FIFTH AVE. 250 N Santiago St. One-story and basement frame dwelling.
Owner—Ingvar Baldwinson, 322 Judson Ave., San Francisco.
Architect — C. O. Clausen, 746 46th San Francisco. $3000

DWELLING
(1494) NE TWENTY-FOURTH AVE. and Lawton St. One-story and basement frame dwelling.
Owner—Theodore Veyhle, 1326 22nd Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(1495) SW GEARY AND JONES Sts. Alter restaurant.
Owner—Almond Blossom, Premises.
Architect—Not Given.
Contractor—Theo. Petrikis, 2244 Taraval St., S. F. $1200

ALTERATIONS
(1496) SW SUTTER AND KEARNY Sts. Alter store.
Owner—Sherman Clay & Co., Prem.
Architect—William Wilson Wurster, 260 California St., San Francisco.
Contractor—James L. McLaughlin Co. 251 Kearny St. $20,000

ALTERATIONS
(1497) NO. 3461 WASHINGTON ST. Alter dwelling.
Owner—Mrs. Stanley Fay, 2130 Vallejo St., San Francisco.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—D. B. Gladstone, 557 Market St., San Francisco. $6000

ALTERATIONS
(1498) NO. 3445 WASHINGTON ST. Alter dwelling.
Owner—L. W. Harris, Premises.
Architect—R. Miller & T. L. Pflueger, 580 Market St., San Francisco.
Contractor—Grant-Martinelli Constr. Co., 44 Mary St., S. F. $5900

DWELLING
(1499) W TWENTY-FOURTH AVE. 175 S Kirkham St. One-story and basement frame dwelling.
Owner — Michael D. Hardiman, 423 38th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(1500) W TWENTY-FOURTH AVE. 200 S Kirkham St. One-story and basement frame dwelling.
Owner — Michael D. Hardiman, 423 38th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(1501) W GRANDVIEW AVE. 231 N Morgan Alley. One-story and basement frame dwelling.
Owner—Lawrence Roche, 51 Diamond St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(1502) NO. 2744 MISSION STREET. Alter store.
Owner—Theresia Steinauer, Premises.
Architect—Not Given.
Contractor—John Munson, 2419 15th St., San Francisco. $1600

ALTERATIONS
(1503) NO. 1183-1185 MARKET ST. Alter store.
Owner—The Eighth & Market Realty Co., 1175 Market St., S. F.
Architect—Not Given. $6000

DWELLING
(1504) W ALMADEN COURT 175 N Anza St. One-story and basement frame dwelling.
Owner—Jas. Gribbin, 23 Collins St., San Francisco.
Architect—Not Given.
Contractor — Herman Hogrefe, 359 24th Ave., San Francisco. $5500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1102	Mills	Owner	14000
1103	Bernard	Owner	5000
1104	Smith	Ungaretti	4500
1105	Peralta	Beckett	2000
1106	Cappa	Owner	3100
1107	Pollard	Owner	4500
1108	Gambada	Marchant	1100
1109	Moura	Texeira	1200
1110	Driver	Thrams	11900
1111	Rawson	Anderson	4000
1112	Market	Sommarstrom	1785
1113	Stevenson	Baker	6200
1114	Backus	Owner	3500
1115	Buchanan	Alley	6000
1116	Jackson	Owner	3200
1117	Steffan	Tiegland	6900
1118	Barry	Miska	4500
1119	Upton	Pfrang	15000
1120	Crocker	Owner	4500
1121	Perry	Owner	2800
1122	Woelf	Owner	2500
1123	Dowling	Owner	4000
1124	McElroy	Christensen	1500
1125	Heater	Owner	3750
1126	Sundblom	Corso	1000
1127	F. A. B.	McWethy	7000
1128	Winslow	Sigge	15500
1129	Corder	Kraus	4500
1130	Foster	Owner	2700
1131	Foster	Owner	2400
1132	Parkinson	Van Ness	3000
1133	McElroy	Christensen	3500
1134	Hillman	Wiggins	2400
1135	Walter	Allan	7000
1136	Mayflower	Bemis	1500
1137	Saroni	Whalin	2500
1138	Ive	Walstrom	4000
1139	Malvin	Walstrom	1500

OFFICE BLDG.
(1102) MILLS COLLEGE CAMPUS, OAKLAND. One - story office building.
Owner—Mills College, Premises.
Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley. $14,000

DWELLING
(1103) NO. 1818 CASTERLINE RD., OAKLAND. Two-story six-room dwelling.
Owner—R. B. Bernard, 725 Warfield Ave., Oakland.
Architect—Not Given. $5000

DWELLING
(1104) NO. 6916 MONZAL AVENUE, OAKLAND. One-story four-room dwelling.
Owner—R. C. Smith, 746 Rand Ave., Oakland.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.
Contractor — Chas. Ungaretti, 1727 Foothill Blvd., Oakland. $4500

STORAGE BLDG.
(1105) NO. 445 HAWTHORNE ST., OAKLAND. Two-story storage building.
Owner—Peralta Hospital.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Oakland. $2000

DWELLING
(1106) NO. 2350 COURTLAND AVE., OAKLAND. One-story five-room dwelling.
Owner—Jos. D. Cappa, 4616 Congress Ave., Oakland.
Architect—Not Given. $3100

DWELLING
(1107) NO. 5816 MORPETH STREET OAKLAND. One-story six-room dwelling.
Owner—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—Not Given. $4500

ADDITIONS
(1108 NO. 1755 LEROY AVENUE, BERKELEY. Additions.
Owner—Gambada Chi Alpha, Prem.
Architect—Not Given.
Contractor—G. Marchant, 824 Barbara Road, Berkeley. $1100

FIRE REPAIRS
(1109) NO. 380 105TH AVENUE, OAKLAND. Fire repairs and alterations.
Owner—T. J. Moura, Prem.
Architect—Not Given.
Contractor—M. V. Texeira, 1388 D St., Oakland. $1200

APARTMENTS
(1110) NO. 364 FORTIETH STREET, OAKLAND. Two-story six-room apartments and warehouse.
Owner—Q. J. Driver, 2137 Ward St., Berkeley.
Architect—R. T. Keefer, 585 Mandana Ave., Oakland.
Contractor—C. H. Thrams, 28 Home Place, Oakland. $11,900

DWELLING
(1111) NO. 171 FOREST LANE, BERKELEY. One-story five-room frame dwelling and garage.
Owner—Chas. W. Rawson, 2451 Le Conte Ave., Berkeley.

Architect—Not Given.
Contractor — F. W. Anderson, 2111 Ashby Ave., Berkeley. $4000

ADDITION
(1112) 730 MYRTLE ST., OAKLAND. Brick addition.
Owner—Market Laundry Co., Eighth and Market Sts., Oakland.
Architect—Not Given.
Contractor—C. E. Sommarstrom, 627 Vernon St., Oakland. $1785

DWELLING
(1113) 47 ELROD AVE., OAKLAND. Two-story 6-room dwelling.
Owner—R. Stevenson, 4650 Benevides Ave., Oakland.
Architect—E. Musson Sharpe, Hunter-Dulin Bldg., San Francisco.
Contractor—Baker & Wagner, 86 Fairfield Way, San Francisco.

DWELLING
(1114) 1415 QUEENS ROAD, OAKLAND. One-story 4-room frame dwelling.
Owner and Builder — J. Backus, 674 56th St., Oakland.
Plans by Yuasa, 3028 West Street, Oakland. $3500

SERVICE STATION
(1115) 2995 SAN PABLO AVE., BERKELEY. One-story 2-room service station.
Owner—C. F. Buchanan, S. F.
Architect—J. M. Evans, 225 Bush St., San Francisco.
Contractor—L. E. Alley, 1621 Encinal Ave., Alameda. $6,090

DWELLING
(1116) 2420 108th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—C. A. Jackson, 1227 105th Ave., Oakland.
Architect—Not Given. $3209

DWELLING
(1117) 6139 CHELTON DRIVE, OAKLAND. Two-story 7-room dwelling and garage.
Owner—E. Steffan.
Architect—Not Given.
Contractor—C. M. Teigland, 4668 Dolores Ave., Oakland. $6,900

DWELLING
(1118) 524 CRAGMONT AVE., BERKELEY. One-story 5-room frame dwelling and garage.
Owner—K. Barry, 1541 Cedar Street, Berkeley.
Architect—Not Given.
Contractor—Aaro Miska, 1142 Allston Way, Berkeley. $4,500

RESIDENCE
(1119) NO. 217 SANDRINGHAM RD. PIEDMONT. Two-story 7-room residence and garage.
Owner — A. M. Upton, 6149 Buena Vista Ave., Piedmont.
Architect—Wm. Edw. Schirmer, Bank of America Bldg., Oakland.
Contractor—H. C. Pfrang, 5659 Ocean View Drive, Oakland. $15,000

DWELLING
(1120) NO. 5133 COCHRANE AVE., OAKLAND. One-story five-room dwelling.
Owner — H. L. Crocker, 30 Wilding Lane, Oakland.
Architect—Not Given. $4500

DWELLING
(1121) NO. 7409 HILLMONT DRIVE, OAKLAND. One-story five-room dwelling.
Owner—A. C. Perry, 2641 77th Ave., San Francisco.
Architect—Not Given. $2800

DWELLING
(1122) NO. 2559 TRUMAN AVENUE, OAKLAND. One-story five-room dwelling.
Owner—Dorothy Woelf, 9528 Foothill Blvd., Oakland.
Architect—Not Given. $2500

DWELLING
(1123) NO. 4537 FAIR AVENUE, OAKLAND. One-story five-room dwelling.
Owner—S. J. Dowling, 2800 Clay St., Alameda.
Architect—Not Given. $4000

ALTERATIONS
(1124) NO. 1147 FIFTH STREET, OAKLAND. Alterations.
Owner—J. J. McElroy, Plaza Bldg., Oakland.
Architect—Not Given.
Contractor — H. J. Christensen Co., 1955 Webster St., Oakland. $1500

DWELLING
(1125) NO. 110 DUNCAN WAY, OAKLAND. One-story five-room dwelling.
Owner — D. Heater, 1125 Mountain Blvd., Oakland.
Architect—Not Given. $3750

SERVICE STATION
(1126) 2750 FOOTHILL Blvd., OAKLAND. One-story steel service station.
Owner—Oscar Sundblom, 2348 Telegraph Ave., Oakland.
Architect—Not Given.
Contractor—Frank Corso, 1434 Havenscourt Blvd., Oakland. $1000
Also 1-story steel service station $2300

ADDITION
(1127) 1249 67st ST., OAKLAND. Addition to factory.
Owner—F. A. B. Mfg. Co., 67th and Vallejo Sts., Oakland.
Architect—Not Given.
Contractor—McWethy & Parter, 51 Vernon St., Oakland. $7,000

DWELLING
(1128) 5339 TRASK AVE., OAKLAND. Two-story 10-room dwelling.
Owner—Dr. A. Lyle Winslow, 5339 Trask Ave., Oakland.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.
Contractor—V. E. Sigge, 3912 Linwood Ave., Oakland. $15,500

DWELLING
(1129) W SNAKE ROAD about ¾-mile north Moraga Road, Oakland. Two-story 6-room dwelling.
Owner—J. J. Corder, 1661 35th Ave., Oakland.
Architect—Not Given.
Contractor—W. J. Kraus, 1310 Marin Ave., Oakland. $4,500

SIGN
(1130) 3443 ETTIE ST., OAKLAND. Roof sign.
Owner and Contractor — Foster and Kleiser, 22nd and Market Streets, Oakland.
Architect—Not Given. $2700
Also roof sign, $2250.

WAREHOUSE
(1131) 3443 ETTIE ST., OAKLAND. One-story steel warehouse.
Owner and Contractor — Foster and Kleiser, 22nd and Market Streets, Oakland.
Architect—Not Given. $2400

DWELLING
(1132) 4546 VIRGINIA AVE., OAKLAND. One-story 5-room dwelling.
Owner—Anne Parkinson, 1428 Franklin St., Oakland.
Architect—Not Given.
Contractor—L. E. Van Ness & Son, 4920 Park Blvd., Oakland. $3000

SERVICE STATION
(1133) 1101 FIFTH ST., OAKLAND. One-story steel service station.
Owner—J. J. McElroy, Plaza Bldg.
Architect—Alben Froberg, 1955 Webster St., Oakland.
Contractor — H. J. Christensen Co., 1955 Webster St., Oakland. $3500

DWELLING
(1134) 1693 WOODHAVEN WAY, OAKLAND. One-story five-room dwelling.
Owner—W. W. Hietman, 1741 68th Ave., Oakland.
Architect—Not Given.
Contractor — Wiggins and Swanson, 3906 Laguna Ave., Oakland. $2400

DWELLING
(1135) 5546 BALBOA DRIVE, OAKLAND. Two-story 6-room dwelling.
Owner—Paul A. Walter, 1 Sansome St., San Francisco.
Architect—R. McDonald, 3810 Broadway, Oakland.
Contractor—James Allan, 1648 68th Ave., Oakland. $7,000

ADDITION
(1136) 418 19th ST., OAKLAND. Concrete addition.
Owner—Mayflower Coffee Shops, 1431 Grove Street, Oakland.
Architect—Not Given.
Contractor—Bemis Engineer Co., 1431 Grove St., Oakland. $1500

ALTERATIONS
(1137) 2315 DWIGHT WAY, BERKELEY. Alterations.
Owner—L. Saroni, 368 19th St., Oakland.
Architect—Not Given.
Contractor—Whalin Bros., 2942 23rd Ave., Oakland. $2,500

ALTERATIONS
(1138) 527 SANTA BARBARA RD., BERKELEY. Alterations.
Owner—Dr. W. H. Ive.
Architect—Not Given.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland. $4,000

ADDITION
(1139) 31 TAMALPAIS ROAD, BERKELEY. Addition.
Owner—M. Malvin.
Architect—Not Given.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland. $1,500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
74	Sanfilippo	Rousseau	11535
75	Dalbesio	Martinez	320
76	Same	Vallente	9618
77	Same	Ramazzotti	1400
78	Hospital	Jensen	5730
79	Hospital	Jensen	5350
80	Fay	Gladstone	6036
82	Munro	Berg	4700
83	Jackson	Miller	2840
84	Steinauer	Munson	1643

DWELLING
(74) S FILBERT ST. 137 W Mason St. All work for two-story and basement frame dwelling.
Owner — Pietro and Ida Sanfilippo, 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Filed July 16, '36. Dated April 17, '36.
Frame up $2883.75
Brown coated 2883.75
When completed 2883.75
Usual 35 days 2883.E5
TOTAL COST, $11,535.00
Bond, none. Limit, 120 days. For-

felt, none. Plans and specifications filed.

ELECTRIC WORK
(75) SE COR. BAY and Divisadero Streets. Electric work on 2-story and basement flats.
Owner—Battista Palhesio, 3459 Divisadero Street.
Architect—George H. Weimeyer, 605 Market St.
Contractor—Martinez Electric Co. 2173 North Point Street.
Filed and Dated, ...
Roughing in $0.00
Completion 80.00
Usual 35 days 80.00
TOTAL COST, $320.00
Limit, 120 days. Plans and Specifications filed.

(76) ALL WORK on above flats (except electric, heating and plumbing).
Contractor—M. E. Vallente, 5118 Clarke St., Oakland.
Filed and Dated, July 18, 1936.
Roughing in and roof on $2,404.50
Plastering, etc. 2,404.50
Acceptance 2,404.50
Usual 35 days 2,404.50
TOTAL COST, $9,618
Limit, 120 days. Plans and Specifications filed.

(77) PLUMBING and Heating on the above flats.
Contractor—Adriano Ramazzotti, 1374 Vallejo Street.
Filed and Dated, July 18, 1936.
When roughing in installed $700
Completion 350
Usual 35 days 350
TOTAL COST, $1,400
Limit, 120 days. Plans and Specifications filed.

ALTERATIONS
(78) NW CALIFORNIA AND MAPLE Sts. All work for alterations to first story of four-story Class A hospital.
Owner—Hospital for Children and training school for nurses.
Architect—Martin A Sheldon, 681 Market St., San Francisco.
Contractor—G. P. W. Jensen & Sons, 320 Market St., San Francisco.
Filed July 15, '36. Dated July 14, '36.
On 15th of each month 75%
Usual 35 days 25%
TOTAL COST, $5730
Bond, $2865. Surety, James Ringrose and W. P. Anderson. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(79) ALTER X-RAY ROOM ON above.
Architect—Martin A Sheldon, 681 Market St., San Francisco.
Contractor—G. P. W. Jensen & Sons, 320 Market St., San Francisco.
Filed July 15, '36. Dated July 14, '36.
Payments same as above.
TOTAL COST, $5350
Bond, $2675. Surety, James Ringrose and W. P. Anderson. Limit, 75 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(80) S WASHINGTON ST. 138 E Laurel St. All work for alterations to dwelling.
Owner—Ruth Kelly Fay.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor — D. B. Gladstone, 5 5 7 Market St., San Francisco.
Filed July 21, '36. Dated July 20, '36.
On 1st of month 75%
Usual 35 days 25%
TOTAL COST, $6036
Bond, none. Limit, 70 working days. Forfeit, $5.00. Plans and specifications filed.

BUNGALOW
(82) E SEVENTEENTH AVE. 100 N Ortega St. All work for one story frame bungalow.
Owner—Geo. and Emma Munro.
Architect—Not Given.
Contractor—E. J. N. Berg, 24 Stillings Ave., San Francisco.
Filed July 22, '36. Dated July 17, '36.
Roof on $1175
Plaster on 1175
When completed 1175
Usual 35 days 1175
TOTAL COST, $4700
Bond, none. Limiet, 180 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(83) NE CLEMENT ST. & TENTH Ave. All work for alterations to two-story frame building.
Owner—L. R. Jackson, Premises.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Wm. G. Miller and Don F. McGillis, 527 19th Ave., San Francisco.
Filed July 22, '36. Dated July 21, '36.
Underpinning complete $1420
Work completed 710
Usual 35 days 710
TOTAL COST, $2840
Bond, $2839. Surety, Unitel Pacific Insurance Co. Limit, forfeit, none. Plans and specifications filtd.

ALTERATIONS
(84) 2744 MISSION ST. Alter store front.
Owner—Theresia Steinauer, 335 St. Francis Blvd.
Architect—Charles F. Strothoff, 2274 15th Street.
Contractor—John Munson, 2419 15th Street.
Filed, July 22, '36. Dated July 20, '36.
Tile, wiring and plate glass installed $616
Completed 616
Usual 35 days 411
TOTAL COST, $1,643.00
Bond, $1643. Sureties, Fidelity and Deposit Co. Limit, 18 days. Plans and Spec. filed.

ALAMEDA COUNTY

81 Ivie Walstrom 4300

ADDITIONS & ALTERATIONS
(81) 527 SANTA BARBARA ROAD, Berkeley. Additions and alterations.
Owner—Wm. Horace Ivie, premises.
Architect—Gwynn Officer, 2068 Alston Way, Berkeley.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.
Filed July 21, '36. Dated, July 17, '36
Frame up, sheathing on ..... $10[illegible]
Plastered 1075
Completion 1075
Usual 35 days 1075
TOTAL COST, $4300
Limit, 90 days. Plans and Specifications filed.

SAN FRANCISCO UNDER $1000

SIGN, electric, $200; 957 Columbus Ave.; owner, A. LaRocca, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
ALTER dwelling, $118; 730-32 Oak St. owner, M. A. Simonsen, 865 Elizabeth St.; contractor, Nils Hallstrom, 34 Fountain St.
SIGN, electric, $150; 2338 Mission St.; owner, Karl's Shoes, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
SIGN, electric, $200; 2015 Chestnut St.; owner, Mae Wagner, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $200; 1239 9th Ave.; owner, Green Parrot Cafe, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $250; 2176 Chestnut St.; owner, James Shoe Repair, Premises; contractor, Wonderlite Neon Prods. Co., 170 Otis St.
ALTER theatre, $50; 1629 McAllister St.; owner, Jake Gold, Premises.
ALTER store, $50; 1459 Green Street; owner, Harry Larsen, Premises.
ALTER private garage, $100; 265 Rivola St.; owner, Mrs. Aitken, 1177 Stanyan St.; contractor, Harry Scott, 4520 Cabrillo St.
ALTER hotel, $400; 241 Jones Street; owner, Western Loan & Bldg. Co. of California, 363 15th St., Oakland.
FLUES, $125; S Underwood St. 225 E Lane; owner, Eleanor Spinale, 169 Valparaiso; contractor, John Delucchi, 1526 Powell St.
SIGN, electric, $50; 51 Eddy Street; owner, Ed's Brewery, Premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER store, $500; 1698 Fillmore St.; owner, Gallenkamp Stores Co., 685 Third St.
FLUES, $50; W Entrada St. 474 N Borica St.; owner, E. Miller, 1500 Claremont St.; contractor, Precita Sheet Metal Works, 3119 Harrison St.
SIGN, electric, $350; 2136 Sutter St.; owner, Chas. Montal, 2136 Suttere St.; contractor, Wonderlite Neon Prods. Co., 170 Otis St.
ALTER store, $250; 1806 Sutter St.; owner, S. Morino, Prem.; contractor, H. Arima V. Sakaguchi, 1568 Post St.
SIGN, electric, $300; 1263 Market St.; owner, Albrite Paint Co., 1263 Market St.; contractor, Wonderlite Neon Prods. Co., 170 Otis St.
ALTER flats, $300; 2039 Ellis St.; owner, Ernest Appleby, Premises contractor, P. Frandsen, 142 Belvedere St.
FLUES, $50; W Alemany Blvd., 100 N Tingley St.; owner, K. Kiefer, 3061 Army St.; contractor, Precita Sheet Metal Works, 3119 Harrison St.
ALTER offices, $423; 365 Market St.; owner, San Francisco Bank, 526 California St.; contractor, Sunset Iron Works, 964 Harrison St.
SIGN, electric, $200; 255 O'Farrell St.; owner, Travelers' Hotel, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER store, $500; SW Sutter and Kearny Sts.; owner, Sherman, Clay & Co., Prem.; architect Wm. Wilson Wuster, 260 California St.; contractor, James L. McLaughlin Co., 251 Kearny St.
FLUE, $20; 210 12th St.; owner, T. Noble, 210 12th St.; contractor, C. R. Smith & Co., 4057 18th St.
SIGN, metal, $25; 2201 Fillmore St.; owner, Mr. Cassell, 2201 Fillmore St.; contractor, Pacific Elec. Construction Co., 1496 Mission St.
ALTER store, $100; 845 Clay St.; owner, E. Wilson, Mills Bldg.; contractor, Anderson Sheet Metal Works, 845 Clay St.
ALTER restaurant, $475; NE 9th and Folsom Sts.; owner, Paul Gofas, Premises; contractor, D. McRea, 1208 Geary St.
ALTER dwelling, $125; 3291 Army St.; owner, Mr. Schwartz, 190 Castro Street.
ALTER hotel, $479; 725 Geary Street; owner, V. Augusti, 251 Kearny St.; contractor, Sunset Iron Wks. 964 Harrison St.
SIGN, electric, $100; 1303 Polk Street; owner, Paul Rendezvous, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
BOILER room, $500; W Schwerin St. 500 S Sunnydale St.; owner,

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
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11.—Ice and Cold Storage Plants
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13.—Public Buildings, Fire Houses and Jails
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15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
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19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plumbing and Heating Contracts Awarded.

APARTMENTS Cost, $125,000
SAN FRANCISCO. South Line Jackson Street 90 W Laguna Street.
Seven-story steel frame and reinforced concrete apartment building (28 4-room apts.) colored tile baths, stall showers, hardwood floors, tar and gravel roof, steam heating plant.
Owner and Builder—A. Penziner, 750 Taylor St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St. San Francisco.
Plumbing and Heating—M. J. Reeves Heating Co., 959 Natoma St.
As previously reported, crockery awarded to Progressive Tile & Mantel Co., 1216 Powell St.; grading to Devincenzi & Haskins, 340 Saint Roses Ave.; reinforcing steel to W. S. Wetenhall Co., 17th and Wisconsin Sts.; structural steel to Bethlehem Steel Co., 20th and Illinois Sts.

Contract Awarded

APARTMENTS Cost, $22,500
BURLINGAME, San Mateo Co., Calif. 1116 Douglas Avenue.
Two-story frame and stucco apartment building (ten 2- and 3-room apts.) shake roof, steam heating system, wood sash, tile baths, and kitchens, hardwood floors, etc.; Monterey type.
Owner—Mrs. Leontine M. Williams.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Chas. Hammer, 1524 Floribunda Ave., Burlingame.

CONTRACT AWARDED

PHOENIX, Ariz.—O. R. Bell, Phoenix, awarded contract for an apartment house on McDowell Road, Phoenix, for A. C. Leetham, care of the New York Life Insurance Co., Ellis Bldg., Phoenix. Cost, $25,000.

Plans Being Figured

APARTMENT BLDG. Cost, $——
SAN FRANCISCO. NE Greenwich & Gough Streets.
Three-story frame apartment building (15 2- and 3-room apts.) tile baths, hardwood floors, steam heat
Owner—Salvatore Battaglia, % architect.
Architect—H. C. Baumann, 251 Kearny Street.
Bids are being taken on a general contract with separate bids on heating, plumbing and painting.

Sub-Bids Being Taken

APARTMENTS Cost, $45,000
SAN FRANCISCO. NE Beach St. and Webster.
Three-story and basement frame and stucco apartment building (15 3- and 4-room apartments) circulating forced hot water heating system, composition roofing, wood sash, tile baths and kitchens, hardwood floors, etc.
Owner—Martin P. Storhelm, 475 Euclid Avenue.
Architect and Builder—R. R. Irving, 3431 Market Street.

Contract Awarded

APARTMENT & WAREHOUSE Cost, $12,000
OAKLAND, Alameda Co., Calif. 361 40th Street.
Two-story frame apartment & warehouse (apartment to have 6 rooms)
Owner—G. J. Driver, 2137 Ward St., Berkeley.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.
Contractor—C. H. Thrams, 28 Home Place, Oakland.

To Be Done By Day's Work.

APARTMENTS Cost, $12,000
SAN FRANCISCO. E Guerrero St. N Sixteenth Street.
Two-story frame and stucco apartment building.
Owner and Builder—J. L. Cunco, 3919 17th St., San Francisco.
Architect—Not Given.

Contract Awarded

APARTMENTS Cost, $16,000
STOCKTON, San Joaquin Co., Calif. Acacia and Sutter Streets.
Two-story Class A fireproof steel and concrete modern apartment bldg. (four 3-room apts.) air-conditioning system, etc.
Owner—Withheld.
Architect—Frank Mayo, 105 E. Miner St., Stockton.
Contractor—William Ecker, Rt. 1, Box 15, Stockton.

Mill Bids Wanted

APARTMENTS Cost, $125,000
SAN FRANCISCO. South line Jackson Street 90 W Laguna Street.
Seven-story steel frame and reinforced concrete apartment building (28 4-room apts.) colored tile baths, stall showers, hardwood floors, tar and gravel roof, steam heating plant.
Owner and Builder—A. Penziner, 750 Taylor Street.
Architect—E. H. Denke, 1317 Hyde St.
As previously reported, plumbing and heating awarded to M. J. Reeves Heating Co., 959 Natoma St.; crockery to Progressive Concrete Co.; grading to Devincenzi & Haskins, 340 St. Roses Ave.; reinforcing steel to W. S. Wetenhall Co., 17th and Wisconsin; structural steel to Bethlehem Steel Co., 20th and Illinois.

Sub-Contracts Awarded

APARTMENTS Cost, $35,000
CARMEL, Monterey Co., Calif.
Two-story apartment building (ten apts.) whitewashed brick and chalkrock const., heavy shingle roof, fireplaces, General Electric kitchens, etc.
Owner—Mrs. Ethel P. Young, Pebble Beach.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.
Contractor—Fred Ruhl, Russ Building, San Francisco and Pebble Beach.
Roofing—C. L. Frost, Monterey.
Sheet Metal—Pacific Htg. Co., Monterey.
Tile—C. L. Frost, Monterey.
Glass—Thomas French, Monterey.
Brick Work—A. Moratta, Monterey.
Lathing and Plastering—A. B. Jacobsen, Pacific Grove.
Lumber—Union Supply Co., Monterey.
Steel Sash—Truscon Steel Co. 604 Mission St., San Francisco.
Mill Work—Wisnom Lbr. Co., San Mateo.
Plumbing, Heating, Ventilating and Electric—Frank J. Klimm, 456 Ellis St., San Francisco.

Plans Being Figured—Bids Close Aug. 4, 11 A. M.

APARTMENTS Cost, $——
SAN MATEO, San Mateo Co., Calif.
Three two-story and basement frame and stucco apartment buildings (three 3-room apts. each) shingle tile roofing, electric heating system, hardwood floors, tile baths.
Owner—J. Evan Bethune.
Architect—Arthur Brown, Jr., 251 Kearny St., San Francisco.
Bids are being taken from a selected list of contractors on general work with separate bids for plumbing and electrical work.

Construction Postponed.

APARTMENTS Cost, $——
SAN FRANCISCO. N Broadway 98 W Franklin Street.
Six-story Class C apartment building (21 4- and 5-rm. apts.) tile baths and kitchens, hardwood floors, fireplaces, steam heat, electric refrigerators, slate roof.
Owner—J. N. C. Riddle.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Mgr. of Constr. — Edward Jose, 251 Kearny St., San Francisco.

Sub Contracts Awarded

APARTMENTS Cost $22,500
BURLINGAME, San Mateo Co., Calif. 1116 Douglas Avenue.
Two-story frame and stucco apartment building (ten 2 and 3-room apts.) shake roof, steam heating system, wood sash, tile baths and kitchens, hardwood floors, etc.; Monterey type.
Owner—Mrs. Leontine M. Williams.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Chas. Hammer, 1524 Floribunda Ave., Burlingame.
Roofing—Crowly Roofing Co., Burlingame.
Plumbing—A. H. Dittman, Burlingame.
Electric Wiring—Chas. Marreson, San Mateo.
Sheet Metal—G. & M. Sheet Metal Works, San Mateo.
Glass—Peninsula Glass Co., San Mateo.
Iron Grille Work—San Mateo Forge, San Mateo.
Lathing & Plastering — Venturello Bros., San Mateo.
Lumber—Wisnom Lumber Co., Burlingame.
Mill Work—Warden Bros., San Francisco.
Hardware—F. G. Norman & Sons, San Francisco.
Painting—George Johnson, San Bruno.
Concrete—San Mateo Concrete Co., San Mateo.
Flooring—White Oak Floor Co., San Bruno.

3— CHURCHES

Construction Started.

CHURCH Cost, $10,000
ROSEVILLE, Placer Co., Cal. Bullen and Royer Streets.
Two-story frame and stucco church building (auditorium to seat 350).
Owner—Baptist Church (Rev. L. O. Moore, Pastor).
Architect—Not Given.

Mgr. of Constr.—Carl A. Wilke, Roseville.
Materials for the gas heating plant will be furnished by Sterling Lumber Company and Diamond Match Co.

CONTRACT AWARDED
CULVER CITY, Los Angeles Co., Cal.—Don S. Ely, 9741 Charnock Ave., Los Angeles, awarded contract at $31,475, for construction of St. Augustine Church, 10,143 Washington Blvd., Culver City, for the Roman Catholic Bishop of Los Angeles and San Diego. Emmet G. Martin, 4350 Beverly Blvd., Los Angeles, is the architect.

Plans Being Completed.
ALTER CHURCH Cost, $15,000
RICHMOND, Contra Costa Co., Calif
Alterations and additions to church building (add Sunday School, etc.)
Owner — First Presbyterian Church, Richmond.
Architect—Charles F. Maury, Monadnock Bldg., San Francisco.
Bids will be asked in about two weeks.

Contract Awarded
ALTAR CANOPY Cost, $3,000
BURLINGAME, San Mateo Co., Calif. Adeline Drive.
Plaster canopy over altar.
Owner—Sisters of Mercy, Burlingame
Architect—Edward Eames, 353 Sacramento St., San Francisco.
Contractor—Herman Bosch, 2075 Folsom St., San Francisco.

4— FACTORIES & WAREHOUSES

CONTEMPLATED
MODESTO, Stanislaus Co., Calif.—City Council has appropriated $1,100 for re-roofing the hangar at the municipal airport.
City Clerk H. E. Gragg has been authorized to call for bids.

Contract Awarded
FACTORY Cost, $18,000
SAN FRANCISCO. E Potrero Ave. S 18th Street.
One-story Class C factory.
Owner—Chas. W. Gompertz, Balboa Building.
Architect—A. A. Cantin, 222 Kearny.
Engineer—F. W. Kellberg, 320 Market Street.
Contractor—Moore & Roberts, 693 Mission Street.

Contract Awarded
ADDITION Cost, $——
DIXON, Solano Co., Calif.
Addition to packing plant.
Owner—C. Bruce Mace, Dixon.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.
Conractor—W. C. Tait, 883 Market St., San Francisco.
Steel—Independent Iron Works, 821 Pine St., Oakland.

Concrete Contract Awarded
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass mfg. plant (brick and insulux glass construction) concrete foundations corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens - Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, vice - president in charge).
Structural Engineer—Kaj Thelll, 5 8 0 Market St., San Francisco.
Mgr. of Const.—P. J. Walker Company, Sharon Bldg., San Francisco
Mechanical Engineer—A. R. McLaren, 611 Howard St., San Francisco.
Electrical Engineers—Kuchel & Sievers, 468 5th St., San Francisco.

Readymix Concrete—Transit Concrete Co., Ltd., 6th and Berry St., San Francisco.
As previously reported, concrete work(Building No. 7, Batch Plant) awarded to Barrett & Hilp, 918 Harrison St., San Francisco: structural steel (entire job) to Moore Dry Dock Co., foot of Adeline St., Oakland; piling to Raymond Concrete Pile Co., 333 Montgomery St., San Francisco; excavation, filling and grading to Heafey-Moore Co., 344 High St., Oakland, and chimneys to Alphons - Custodis Chimney Const. Co., New York City.

CONSTRUCTION TO START SHORTLY
PASADENA, Los Angeles Co., Cal.—John H. Simpson, 524 S. Raymond Ave., Pasadena, will start work this week on the construction of the Copelin warehouse on Mentone Ave., Pasadena, for the Pasadena Water Department. PWA has approved the contract, which amounts to $75,963.

To Ask Bids In One Week.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. E-14th Street and 105th Avenue.
Alterations to automobile assembly plant.
Owner—Chevrolet Motor Company.
Plans by Engineering Dept. of Owner.
Bids will be asked on a general contract.

Shop Contract Awarded.
REFINERY Cost, $2,000,000
YOLO COUNTY, Calif. Two and one-half miles northeast of Woodland.
New sugar refinery (two- and three-story reinf. concrete sugar refinery (20x85-feet) 2-story reinforced concrete office building (96x61-ft.) conc. wood-lined bins equip. with air-circulating system; two warehouses (30x135 ft.) reinforced concrete foundation, corrugated iron walls, ventilators, power plant.
Owner—Spreckels Sugar Company (C. J. Moroney, Mgr.) 2 Pine St., San Francisco.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Engineering plans by Owner.
Shops—Villadsen Bros., 354 Hobart St. Oakland.
As previously reported, J. R. Reeves Sacramento, awarded contract for road work, and warehouse contacts awarded to J. G. Motroni, Woodland.
Bids on major portions of the work will be asked in about thirty days.

Plans Being Figured—Bids Close July 27th, 12 Noon.
MFG. PLANT Cost, $——
SAN FRANCISCO. SE 6th and Clementina Streets.
Four-story Class B mfg. plant (reinforced concrete walls and frame, metal stud, metal lath and plaster partitions, composition roofing, cement and linoleum floors, metal toilet partitions, steel sash, office equipment, passenger elevator, sidewalk elevator, etc.)
Owner—Withheld.
Architect—Sidney A. Colton, 544 Market Street.

Planned.
FACTORY Cost, $10,000
STOCKTON, San Joaquin Co., Cal. No. 1230 S. Wilson Way.
Factory building.
Owner—Moore Equipment Co., 31 So. Aurora St., Stockton.
Architect—Not Given.

July 21, 1936

Contract Awarded.
ADDITION Cost, $——
STOCKTON, San Joaquin Co., Calif. Hunter and Oak Streets.
Addition to automobile plant (shop unit) 50x75 feet.
Owner—E. A. Test (Plymouth and Dodge dealer), Stockton.
Architect—Not Given.
Contractor—Lewis & Green, P. O. Box 121, Stockton.

Sub-Contracts Awarded
FACTORY Cost, $50,000
SAN FRANCISCO. Brannan & Langton Streets.
One - story and basement reinforced concrete factory (145x75 feet).
Owner—H. Moffatt Co., Third and Arthur Streets.
Structural Engineer—Jas. Smith, 251 Kearny Street.
Contractor—H. E. Rahlmann, 251 Kearny Street.
Reinforcing Steel—W. C. Hauck, 280 San Bruno Avenue.
Concrete—John Cassaretto, 345 Berry.
Lumber—Rolando Lbr. Co., 301 Berry.
Steel—Golden Gate Iron Works, 1541 Howard Street.
Grading—Devincenzi Bros., 150 Collins Street.
Cork—Van Fleet-Freear Co., 557 Howard Street.
Steel Sash—Deroit Steel Prod. Co., 111 Sutter Street.
Heating and Plumbing—J. V. Young, 194 Otis Street.
Plastering — Marconi Plastering Co., 1737 Beach Street.

Contract Awarded.
ADDITION Cost, $2000
OAKLAND, Alameda Co., Calif. No. 730 Myrtle Street.
Brick addition to laundry.
Owner—Market Laundry Co., 8th and Myrtle Sts., Oakland.
Architect—Not Given.
Contractor—C. E. Sommarstrom, 627 Vernon St., Oakland.

Prospective Bidders
MFG. PLANT Cost, $——
SAN FRANCISCO. SE 6th and Clementina Streets.
Four-story Class B mfg. plant (reinforced concrete walls and frame, metal stud, metal lath and plaster partitions, composition roofing, cement and linoleum floors, metal toilet partitions, steel sash, office equipment, passenger elevator sidewalk elevator, etc.)
Owner—Paivite Investment Company.
Architect—Sidney A. Colton, 544 Market Street.
Following have procured plans. Bids close July 27, 12 noon:
H. L. Petersen, 275 Ninth Avenue.
Lindgren & Swinerton Inc., 225 Bush Street.
Peter Sartorio, 666 Mission Street.
Cahill Bros., 206 Sansome Street.
Dinwiddie Const. Co., Crocker Bldg.
Monson Bros., 475 Sixth Street.

Contract Awarded.
ADDITION Cost, $8000
OAKLAND, Alameda Co., Cal. No. 1249 Sixty-seventh Street.
Addition to factory.
Owner—F. A. B. Mfg. Co., 67th and Vallejo Sts., Oakland.
Architect—Not Given.
Contractor — McWethy & Parter, 51 Vernon St., Oakland.

Plans Being Figured.
FACTORY AND OFFICE $150,000
OAKLAND, Alameda Co. Cal. Thirty-fourth and Beach Streets.
One- and two-story brick factory and office building (120x260 ft.) concrete floors, built-up composition roof, steam heating.
Owner — United Autographic Register Corp. (Carter Norris, Mgr.), 19th and Union Sts., Oakland.
Architect—Pereira & Pereira, 33 N Michigan Ave., Chicago.
Oliver M. Rousseau, 321 Kearny St. San Francisco, is figuring the plans and desires sub-bids on all portions of the work.

5— FLATS

Contract Awarded
San Francisco. 5
FLATS Cost, $15,000
SAN FRANCISCO—S North Point St. W Buchanan St.
Two-story and basement frame and stucco flats.
Owner—George S. Meddis, 1650 North Point St., San Francisco.
Architect—Not Given.
Contractor—H. E. Gray, 1307 Bay St.,

Contract Awarded
FLATS Cost, $4,200
MARTINEZ, Contra Costa Co., Calif.
Two-story frame and stucco flat bldg. (4 rooms, 1 bath each) hardwood floors, gas floor furnaces, composition and shake roof, tile bath and sink, wood sash.
Owner—Josephine McCann.
Architect—James Narbett, 462 41st Richmond.
Contractor—George Bitcon, 1121 East Main St., Martinez.

6—GARAGES & SERVICE STATIONS

Plans Being Prepared.
SERVICE STATION Cost, $7500
FREEDOM, Santa Cruz Co., Calif.
Service station.
Owner—F. Scott, Freedom.
Architect—C. J. Ryland, Monterey and Carmel.

Contract Awarded
GARAGE Cost, $4000
PALO ALTO, Santa Clara Co., Calif. No. 3601 El Camino Real.
Concrete garage.
Owner—F. Simoninik, 3305 El Camino Real, Palo Alto.
Architect—Not Given.
Contractor—Lindholm & Co., 201 Chiquita St., Mt. View.

Sub-Contracts Awarded.
GARAGE Cost, $10,000
STOCKTON, San Joaquin Co., Calif. No. 907 North Wilson Way.
One-story public garage.
Owner—F. J. Wilson.
Architect—Not Given.
Contractor—J. F. Watson, 3 E-Walnut St., Stockton.
Roofing—San Joaquin Lumber Co.
Plumbing—J. R. Lyons.
Electric Wiring—Home Electric Co.
Sheet Metal—Pahl & Harry.
Glass—W. P. Fuller & Co.
Brick Work—John Pengalli.
Lathing and Plastering—L. C. Perry.
Lumber—San Joaquin Lumber Co.
Steel sash and Mill Work — Union Planing Mill.
Hardware—Austin Brothers.
Painting—J. F. Ecker.
Concrete Materials—Stockton Ice & Fuel Co.
All of Stockton.

Sub-Contracts Awarded.
SERVICE STATION Cost, $5000
PITTSBURG, Contra Costa Co., Calif. Seventh and Railroad Streets.
New service station.
Owner—Texas Oil Company.
Plans by Engineering Dept. of Owner.
Contractor — H. T. Gettins Co., 268 13th St., San Francisco.
Steel Sash — H. T. Gettins Co., 268 13th St., San Francisco.
Hardware—E. M. Hundley, 662 Mission St., San Francisco.
Concrete—G. E. Seeno, Pittsburg.

Contract Awarded.
GARAGE Cost, $11,000
STOCKTON, San Joaquin Co., Calif. No. 318 N-Wilson Way.
One-story public garage.
Owner—Oranges Bros., 24 N-Aurora St., Stockton.
Architect—Not Given.
Contractor—J. C. Meyers, Rt. 1, Box 439, Stockton.

Contract Awarded.
SERVICE STATION Cost, $7000
BERKELEY, Alameda Co., Calif. No. 2995 San Pablo Avenue.
Service station.
Owner—C. F. Buchanan.
Plans by J. M. Evans, 225 Bush St., San Francisco.
Contractor—L. E. Alley, 1621 Encinal Ave., Alameda.

BIDS WANTED
YERBA BUENA ISLAND, Calif.—Until August 12, 2 P. M., bids will be received by the State Department of Public Works, San Francisco Bay Bridge Division, Room 811, 500 Sansome Street, San Francisco, for the construction of a reinforced concrete garage, 30x55 feet, to be erected at the east portal of the Yerba Buena Tunnel on the north side of bridge at the level of the lower deck.
Bids will be taken as follows:
(1) 360 c.y. excavation;
(2) 190 sq. yds. preparation of subgrade;
(3) 40 c.y. concrete pavement, curbs and gutters;
(4) Building (general construction) lump sum;
(5) Plumbing (lump sum);
(6) Electrical work (lump sum);
(7) Metal lockers (lump sum);
(8) 50 barrels extra Portland cement.
Plans and specifications may be obtained from the above office upon deposit of $50.00, of which $40.00 is returnable.

7— FEDERAL BUILDINGS

Bid Opening Postponed Until August 3, 1 P. M.
INSPECTION STATION $17,500
SASABE, Arizona.
United States Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. .
Date was previously set for July 22, 1 P. M.
Plans and specifications may be obtained from the above office. No deposit required.

BIDS OPENED
INSPECTION STA. Cost, $17,0000
FERRY, Washington.
United States Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—M. R. Ericksen, Seattle, $16,385 (only bidder).

BIDS REJECTED
SAN FRANCISCO — Treasury Department rejected all bids for furnishing laboratory furniture and equipment for the U. S. Federal Office Building, San Francisco.
On previous bid opening lowest bid was submitted by Kewaunee Mfg. Co. Kewaunee, Wis., at $31,989.

BIDS OPENED
ALHAMBRA, Los Angeles Co., Cal. —Robbins Mfg. Co., Chicago, at $793, submitted low bid to the Procurement Division, Washington, D. C., for furnishing insect screens in the U. S. post office at Alhambra.
Complete bids follow:

Robbins Mfg. Co., Chicago	$ 793
Chamberlin Metal Weather Strip Co., Detroit	343
Ceco Weather Strip and Screen Prod. Co., Cincinnati	814
Cincinnati Fly Screen Co., Cincinnati	1,196

Bids held under advisement.

CONTRACT AWARDED
LUALUALEI, Oahu — Ralph E. Woolley, Honolulu, at $147,400 awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., for the construction of buildings at the Naval Radio Station located at Lualualei, Oahu, T. H. The work includes: Concrete, concrete tile units, metal lath, plastering, stucco, steel and iron work, marble and tile work asphalt tile screens roofing and sheet metal work, plumbing, heating and electrical systems; Spec. No. 7891.
Complete bids follow:
(1) Main bid.
(2) Alternate.
(3) and (4) add.
(5) and (6) ded.

Ralph E. Woolley, Honolulu, (1) $143,000; (2) $141,700; (3) $3400; (4) $2400; (5) $100; (6) $1400.
E. E. Black Honolulu, (1) $154,000; (2) $148,600; (3) $3000; (4) $2500; (5) no bid; (6) $1900.
Walker & Olund, Honolulu, (1) $154,700; (2) $154,700; (3) $4500; (4) $2500; (5) $100; (6) $1600.
W. S. Ching, Honlulu, (1) $189,270; (2) $186,270; (3) $4900; (4) $3100; (5) $1000; (6) $2000.
George Hess, Honolulu, (1) $205,800; (2) $204,000; (3) $3000; (4) $5000; (5) $100; (6) $2000.

Bid Opening Date Postponed Until August 17, 1 P. M.
POST OFFICE Cost, $425,000
NOME, Alaska.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
No bids were received on July 20.
Plans and specifications may be obtained from Procurement Division, Public Works Branch, Washington, D. C. No deposit required.

BIDS WANTED
STOCKTON, San Joaquin Co., Cal. —Until August 11, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing insect screens and window ventilators in the U. S. Post Office, Stockton.
Specifications may be obtained from above office.

BIDS WANTED
FAIRBANKS, Alaska.—Until Sept. 16, 2 P. M., bids will be received by District Engineer, 232 Federal Office Bldg., San Francisco, for changes in first floor and post office screens at the U. S. post office, courthouse and jail at Fairbanks, Alaska.
Plans and specifications may be obtained from above office and from the Custodian of the building, Fairbanks.

CONTRACT AWARDED
ORANGE, Calif.—Ralph E. Welch, Orange, at $165 awarded contract by Treasury Department, for construction of concrete walk between existing walk and curb at the Orange Post Office.

BIDS WANTED
HOLLYWOOD, Los Angeles Co., Cal.—Until August 5, 10 A. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for sliding grilles at the U. S. Post Office, Hollywood.
Specifications may be obtained from the Custodian of the Building, Hollywood.

COMPLETE BIDS
SEATTLE, Wash. — As previously reported, H. M. Grohne, at $31,840 submitted low bid to the Treasury Department, Washington, D. C., for repainting and waterproofing the exterior wall surfaces of the Federal Office Building, Seattle.
Complete bids follow:

Henry L. Grohno, Decatur, Illinois, $31,840.
Loomis Remodeling Co., Chicago, Ill., $34,300.
Howard S. Wright & Co., Seattle, Wash., $39,650.
Dougan & Hammond Co., Portland, Oregon, $47,785.
Masons Supply Co., Portland, Oregon, $48,350.
Bids held under advisement.

New Bids Wanted—To Close August 24, 1 P. M.
POST OFFICE Cost, $75,000
AUBURN, Placer County, Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
On previous bid opening only bid was submitted by Schuler & McDonald, Oakland, at $91,383.

NEW BIDS WANTED
BALBOA, Canal Zone—Until Aug. 26, 11 A. M., new bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., for the construction of three 4-family quarters at the Naval Radio Station at Balboa C. Z. Work includes concrete construction; cast store brick and hollow tile, steel and iron work, metal studding and lathing, plaster and stucco, marble and tile, plaster and millwork, screenings, water heating equipment, plumbing and electrical work. Spec. No. 8120.
On previous bid opening lowest bid was submitted by Grebien & Martinz, Panama City, at $130,647.
Plans and specifications may be obtained from the Bureau and from the Commandant, Fifteenth Naval Distr., Balboa, Canal Zone, upon deposit of $10.
Complete bids published July 22.

NEW BIDS WANTED
SUMMIT, Canal Zone—Until Aug. 26, 11 A. M., new bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., for construction of facilities building, four quarters, refrigeration system in barracks building and roads and walks at the Naval Radio Station, Summit, C. Z.; Spec. No. 7890.
The work includes concrete, brick and hollow tile, steel and iron work, tile and built-up roofing, sheet metal work, steel windows, metal and metal covered doors, metal studding, and lathing, plaster and stucco, marble and tile work, carpentry and joinery, metal and wood screens, water distribution and sewage, plumbing, refrigeration and electric work, and bituminous macadam roads.
On previous bid opening lowest bid was submitted by Novey & Luttrell, Cristobal, at $199,000.
Plans and specifications may be obtained from Bureau, and from Commandant, 15th Naval District, Balboa Canal Zone, upon deposit of $30.
Complete bids published July 22.

Bid Opening Postponed Until August 5, 1 P. M.
INSPECTION STATION $17,500
SASABE, Arizona.
United States Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from the above office. No deposit required.

BIDS WANTED
ROSEVILLE, Placer Co., Calif.—Until August 11, 10 A. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C. for insect screens in the U. S. Post Office at Roseville.
Plans and specifications may be obtained from the Custodian of the building, Roseville.

BIDS WANTED
SAN FRANCISCO—Until August 12, 1 P. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for miscellaneous repairs and alterations to Appellate Court Quarters, Third Floor, U. S. Post Office and Courthouse, San Francisco.
Plans and specifications may be obtained from the Custodian of the Building, San Francisco.

BUILDING MATERIALS APPROVED
SELMA, Fresno, Co., Calif—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at Selma. Wickes Engineering & Construction Company, Des Moines, Iowa, general contractor,
Plumbing fixtures, Standard Sanitary Mfg. Co., electric water coolers, Uniflow Mfg. Co.; indirect water heater, Hotstream Heater Co.; water pipe, Revere Copper & Brass Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; cesspools, Blake Specialty Co.; nonconducting covering for plumbing, Keasby & Mattison Co.; lawn sprinklers, Thompson Mfg. Co.; boiler, Kewanee Boiler Corp.; nonconducting covering for heating, Keasbey & Mattison Co.; tube radiators, Am. Radiator Co.; angle radiator valves, Marsh Valve Co.; air valves for radiators, Hoffman Specialty Co.; air valves for ends of steam mains, Hoffman Specialty Co.

BIDS OPENED
RENO, Nevada.—Chamberlin Metal Weather Strip Co., 695 Post St., San Francisco, at $397.25, submitted low bid to Procurement Division, Washington, D. C., for soundproofing doors in the U. S. post office a Reno.
Other bids were:
Public Building Contractors, Bronx, New York City, $499.98.
Western Asbestos Co., San Francisco, $1,117.00.
Bids held under advisement. *

9— HOSPITALS

BIDS WANTED
HANFORD, Kings Co., Cal.—Until July 23, 10 A. M., bids will be received by Kings County Board of Supervisors for furnishing and installing hospital kitchen equipment, tray trucks and sterilizers in the Kings County Hospital Building, Hanford.
Specifications and bid forms may be obtained from Architect Ernest Kump, Rowell Bldg., Fresno.

Contract Awarded.
NURSES' HOME AND KITCHEN
Contract Price, $21,570
SPRINGVILLE, Tulare Co., Cal. Tulare-Kings Counties Joint Tubercular Sanitarium.
Frame and stucco nurses' home and frame and stucco kitchen.
Owner—Counties of Tulare and King
Architect—Ernest Kump, Rowell Bldg. Fresno.
Contractor—Midstate Constr. Co., 903 San Joaquin Power Bldg., Fresno.
Complete bids follow:
(1) Kitchen; (2) nurses' home; (3) combined bid.
Midstate Constr. Co., Fresno, (1) $12,713; (2) $8857; (3) $21,570.
Harris Constr. Co., Fresno, (1) $13,553; (2) $9966; (3) $22,318.
Hodgson & Sons, Fresno, (1) $13,650; (2) $9356; (3) $22,600.
Graham & Dormandy, Fresno, (1) $13,650; (2) $9380; (3) $22,900.
W. J. Ochs, Fresno, (1) $15,177; (2) $9987; (3) $24,664.

Planned
DETENTION HOME Cost, $25,000
NAPA, Napa Co., Calif.
New detention home (one-story structure, 140x32 ft.) 16 rooms, offices, kitchen and lavatories, etc.
Owner—County of Napa.
Architect — George Sellon, California State Life Bldg., Sacramento.

July 23, 1936

PLANNED
DUARTE, Los Angeles Co., Calif.—Jewish Consumptive Relief Assn., 610 Temple St., Los Angeles, proposes enlarging and modernizing the sanatorium at Duarte. Program includes the construction of a new 40-room building, the wrecking of obsolete buildings,etc. Modernization work to cost about $18,000 will be started within a few weeks. The other work, total cost of which is estimated at $100,000, will probably not start before next year. An architect has not yet been retained.

SUB-BIDS WANTED
TALMAGE, Mendocino Co., Calif.—E. T. Lesure, 87 Ross Circle, Oakland, desires sub-bids on all portions of the work for the construction of the Custodial Unit at the State Hospital, Talmage, for which bids will be opened August 4, 2 P. M.
Plans prepared by George B. McDougall, State Architect, Sacramento.

CONTRACT AWARDED
SAN FRANCISCO — M. Greenbergs Sons, at $70 awarded contract by Department of Public Works for installation of polished brass stair railing for one side, front entrance, etc. at the Health Center Building, Civic Center.

10— HOTELS

Contract Awarded
ALTERATIONS Cost, $15,000
SAN FRANCISCO. 165 11th Street.
Alterations to hotel building (work involves plumbing, painting, electric wiring, flooring, plastering, etc.)
Owner—E. H. Hillman, 216 11th St.
Architect—Charles F. Strothoff, 2271 15th Street.
Contractor—Robinson and Gillespie, 41 Sheridan Street.

Contract Awarded
ALTERATIONS Cost, $——
HOLLYWOOD, Los Angeles Co., Cal. 1637 N. Vine Street.
Alterations to Hollywood Plaza Hotel.
Owner—Hull Hotels.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor—Lindgren and Swinerton, Inc., 225 Bush St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. NW Ellis and Mason Streets.
Alterations to hotel.
Owner—J. Blair.
Architect—Not Given.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Preliminary Plans Being Prepared.
CITY HALL Cost, $80,000
SANTA CRUZ, Santa Cruz Co., Calif.
One-story reinforced concrete City Hall.
Owner—City of Santa Cruz.
Architect—C. J. Ryland, Box 790, Monterey.

It was previously reported that L. D. Estey was associated on the project, which was in error.

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until July 27, 11 A. M., bids will be received by the Kern county supervisiors for elevator modernization for the Kern county courthouse, Bakersfield. Specifications may be obtained at the office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield, upon deposit of $10. Certified check or bond for 10% must accompany each bid.

Planned.

ALTERATIONS Cost, $70,000
FRESNO, Fresno Co., Calif.
Alterations to Courthouse Building.
Owner—County of Fresno.
Architect—W. D. Coates Jr., Rowell Bldg., Fresno.
An appropriation of $70,000 to finance work has been approved.

Preparing Preliminary Plans.

CITY HALL Cost, $80,000
SANTA CRUZ, Santa Cruz Co., Cal. Church and Locust Street.
One - story reinforced concrete City Hall (first unit) shingle tile roof, linoleum floors, steel joists, vault doors, jail equipment, etc.
Owner—City of Santa Cruz.
Architect—C. J. Ryland, Monterey and Carmel.

BIDS WANTED

SACRAMENTO, Cal. — Until July 30, 8:15 P. M., bids will be received by H. G. Denton, City Clerk, City Hall, Sacramento, for furnishing to the City of Sacramento, for use at the McKinley Park Clubhouse furniture and equipment for the Branch Library.
Specifications may be obtained from above office.

BIDS WANTED

SAN JOSE, Santa Clara Co., Calif. —Until August 3, 8 P. M., bids will be received by C. B. Goodwin, City Manager, San Jose, for steel book stacks for the San Jose Public Library, San Jose.
Specifications may be obtained from above office.

PREPARING SKETCHES

LOS ANGELES, Cal.—R. E. Shonerd, Los Angeles County Mechanical Engineer, Hall of Records, has prepared sketches for a proposed one-story Class A County law library building to be built on the site of the old courthouse at Broadway and Temple Street. Cost, $700,000.

NEW BIDS WANTED

SAN FRANCISCO—Until July 29, 1:45 P. M. new informal bids will be received by Department of Public Works, Room 251, City Hall for installation of accotile floor at the Sunset Branch Library. Plans and specifications may be obtained from R. A. Chisholm, Supt. of Public Buildings, 848 11th Street.

CONTRACT AWARDED

SAN FRANCISCO—Western Asbestos Co., 675 Townsend street, at $511.60 awarded contract by Department of Public Works, for installation of accotile floor at the Golden Gate Valley Branch Library.

NEW BIDS WANTED

SAN FRANCISCO—Until July 29, 1:45 P. M. new informal bids will be received by Department of Public Works, Room 251, City Hall, for installation of masonite floor at the Mission Branch Library.
Plans and specifications may be obtained from R. A. Chisholm, Supt. of Public Buildings, 848 11th street.

14— RESIDENCES

Contract Awarded.

ALTERATIONS Cost, $4800
BERKELEY, Alameda Co., Cal. No. 527 Santa Barbara Road.
Alterations and additions to residence.
Owner—Wm. Horace Ivie.
Architect—Gwynne Officer, 2068 Allston Way, Berkeley.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.

Plans Being Completed.

DISPLAY HOME Cost, $——
OAKLAND, Alameda Co., Cal. Claremont Circle.
Two-story frame and stucco display home (6 rooms, 2 baths) shake roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—Earl MacDonald and Herman Schoening, associated, 3812 Broadway, Oakland.

SUB-BIDS WANTED

SAN FRANCISCO—Oliver M. Rousseau, 321 Kearny St., desires sub-bids on all portions of the work for the construction of a two-story frame and stucco residence to be erected on Jersey St. west of Dolores St., for Cornelius Murphy.
Plans prepared by Architect Chas. Strothoff, San Francisco.

Low Bidder

RESIDENCE Cost, $5,400
OAKLAND, Alameda Co., Cal. Colton Boulevard.
Two-story frame and stucco residenc (five rooms, one bath) shake roof, plank floors, gas hot air heat.
Owner—Mr. Bannister.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Low Bidder—Bertram S. Booth, 91 Nova Drive, Piedmont.

Contract Awarded

ALTERATIONS Cost, $6,500
SAN FRANCISCO. 3445 Washington.
Alterations to residence.
Owner—L. W. Harris, premises.
Architect—Miller & Pflueger, 580 Market Street.
Contractor—Grant - Martinelli Const. Co., 44 Mary Street.

Plans Completed

RESIDENCE Cost, $6,000
SAN FRANCISCO. 22nd Avenue and Ortega.
One - story and basement frame and stucco residence (6 rooms) tile roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—John Douglas.
Architect—C. O. Clausen, 746 46th Avenue.

Plans Completed

RESIDENCE Cost, $6,000
SAN FRANCISMO. Cumberland St.
One - story and basement frame and stucco residence (5 rooms) tile roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—George Schicht
Architect—C. O. Clausen, 746 46th Avenue.

Plans Being Prepared.

RESIDENCE Cost, $——
SAN FRANCISCO. Junipero Serra Blvd. near Alemany Blvd.
Four one - story and basement frame and stucco residences (5 rooms each) tile roofs, gas heating systems, wood sash, hardwood floors.
Owner and Builder — Lyal Ingersol, 439 Crocker Avenue.
Architect—C. O. Clausen, 746 46th Avenue.

Plans Being Prepared.

RESIDENCES Cost, $6,000 each
SAN FRANCISCO. Location Withheld
Two one - story and basement frame and stucco residences (6 rooms each) tile roofs, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Michael Hardiman.
Architect—C. O. Clausen, 746 46th Avenue.

Plans Being Prepared.

RESIDENCE Cost, $12,000
SAN FRANCISCO. Magellan Avenue (Forest Hill).
Two - story and basement frame and stucco residence (10 rooms, and 3 baths) English style; slate roof, air conditioning plant, wood sash, tile baths, har brick steps, etc.
Owner—Harold Daly.
Architect—C. O. Clausen, 746 46th Avenue.
Bids will be taken July 25.

Low Bidder

RESIDENCE Cost, $——
SAN JOSE, Santa Clara Co., Calif.
Two-story frame residence (9 rooms, 4 baths) Colonial type, brick veneer sidng, shingle roof, hardwood floors, tile baths, etc.
Owner—W. S. Clayton, Jr.
Architect—H. W. Higbie, 518 S. Second St., San Jose.
Low Bidder—E. Nommensen, 315 So. 17th St., San Jose.

Contract Awarded

RESIDENCE Cost, $5,900
BERKELEY, Alameda Co., Cal. Arch Street.
One-story rustic residence (5 rooms) tar and gravel roof, gas heating system, wood sash, etc.
Owner—Withheld.
Architect—G. P. Simonds, 80 Main St. Hayward.
Contractor—Skovmand & Lewis, 729 E. 18th St., Oakland.

To Take Bids July 27.

RESIDENCE Cost, $6,000
WATSONVILLE, Santa Cruz Co. Cal.
Two - story frame and stucco farm house (6 rooms, 2 baths) gas wall heat; hardwood floors, tile baths, shingle or tile roof.
Owner—Dr. Sambuck.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Owner will receive the bids.

Plans Being Prepared.

RESIDENCE Cost, $8,000
SAN FRANCISCO. Sherwood Forest.
Two-story frame and stucco residence (7 rooms, 2 baths) terra cotta tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Charles Miller.
Architect—C. O. Clausen, 746 46th Avenue.

Contract Awarded

RESIDENCE Contract Price, $3,200
BELMONT, San Mateo County, Calif.
One-story clapboard, rustic and plaster residence (5 rooms) hot air heating sysem, hardwood floors, shingle roof, tile bath, hardwood floors
Owner—Edward Dueltgen.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.
Contractor—E. D. Swift & Co., % architect.

Plans Being Figured

RESIDENCE Cost, $——
SAN FRANCISCO. Monterey Heights
Two-story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas heating system, wood sash, tile baths, hardwood floors, etc.

Owner—J. C. Neubauer.
Architect—Harold Stoner, 41 Sutter St., San Francisco.
About two weeks will be allowed for figuring the plans.
Following have procured plans.
Sherwood Building Company, 39 Sutter St.
John Prout, 2530 Fillmore St.
(9745) 1st rep. May 28, 1936.
2d rep. June 23, 1936.

Bids In—Held Under Adivsement
RESIDENCE Cost, $75,000
ATHERTON, San Mateo Co., Calif.
Two-story wood frame residence (15 rooms, 10 baths) stables, two garages, tennis courts, roadwork, etc. (shingle roofing, hot water heating system, etc.)
Owner—Mr. Meek.
Architect—J. C. McKenzie, New York City.
Sup. Architect—Angus McSweeney, 604 Mission St., San Francisco.
Bids have been forwarded to New York for approval.

Contract Awarded.
RESIDENCE Cost, $5500
SAN JOSE, Santa Clara Co., Calif. No. 602 N-Sixteenth St.
One-story and basement frame and stucco residence (5 rooms).
Owner — Henry Berrar, 783 Jackson St., San Jose.
Architect—Edward Kress, 121 Mayellen Ave., San Jose.
Contractor — Bert P. Ward & Son, 1139 Lincoln Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $4590
FAIRFAX, Marin Co., Calif. Pacheco Avenue.
Owner—Edward J. Porteous, Fairfax.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Contractor—Peter Sartorio, 666 Mission St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Calif. No. 47 Elrod Avenue.
Two-story and basement frame and stucco residence (6 rooms).
Owner—R. Stevenson, 4650 Benevides Ave., Oakland.
Architect — Ed. Musson Sharpe, 111 Sutter St., San Francisco.
Contractor — Baker & Wagner, 86 Fairfield Way, San Francisco.

Contract Awarded
To Ask Bids Within One Week.
RESIDENCE Cost, $4000
NAPA, Napa Co., Calif.
One-story frame, stucco and wood residence (4 rooms) shake roof, gas heating system, wood sash, tile floors in baths, etc.
Owner—Mr. Heffiin.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. Westwood Highlands, Mangels Avenue.
Two-story frame, stucco and brick veneer residence (6 rooms and 2 baths) Monterey Colonial style, prepared shingle roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Ray Jones.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Sandino Bros., 1120 Union St., San Francisco.

Contract Awarded
RESIDENCES Cost, $7000 each
SAN FRANCISCO. N Greenwich St. W Pierce Street.
Two two-story and basement frame and stucco residences.
Owner—A. C. and C. R. Kurich, 3130 Broderick St., San Francisco.
Architect—Not Given.
Contractor—James Kurich, 650 Brussels St., San Francisco.

Contract Awarded
RESIDENCE Cost, $8500
SAN FRANCISCO. W Twenty-third Ave, N Ocean Ave.
Two-story and basement frame and stucco residence.
Owner—Al Sprague, 398 West Portal Ave., San Francisco.
Architect—Not Given.
Contractor—Frank F. Nelson, 2 Edgehill Way, San Francisco.

Plans Being Completed.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two-story frame and stucco Early California Type residence (12 rooms, 6 bedrooms and 5 baths); wood roof, hardwood floors, plaster walls, gas hot air heating system, fire places, tile baths.
Owner—Marlow Gates.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids will be asked in about two weeks.

Sub-Bids Being Taken.
RESIDENCE Cost, $5500
SAN FRANCISCO. Twenty-fifth Ave. (Merced Manor).
One and one-half-story frame and stucco residence (6 rooms, 2 baths) French type, shingle tile and composition roofing, gas heating system, tile baths and kitchen, hardwood floors, wood sash, etc.
Owner and Builder—Jas. McCabe, 716 Ulloa St., San Francisco.
Architect—D. E. Jackle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $11,525
SAN FRANCISCO. S Filbert St. W Mason Street.
Two-story and basement frame and stucco residence.
Owner — Pietro & Ida Sanfelippo, 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $7500
SACRAMENTO, Sacramento Co., Cal. No. 2705 13th Street.
Two-story frame and stucco residence
Owner—J. E. Brenton, 2714 H St., Sacramento.
Architect—Not Given.
Contractor — Leonard Lund, 3210 I St., Sacramento.

Low Bidder
RESIDENCE Cost, $12,000
SANTA CLARA, Santa Clara Co., Cal.
Two-story frame and stucco residence (7 rooms, 2 tile baths) hardwood floors, gas heating system, wood sash, plaster interior.
Owner—Mr. Wilson.
Architect—Binder and Curtis, 25 West San Carlos St., San Jose.
Low Bidder—Frank Neves, 891 Harrison St., Santa Clara.

Plans Being Prepared.
RESIDENCE Cost, $——
SAN JOSE, Santa Clara Co., Calif.
Two-story frame and stucco residence (7 rooms).
Owner—Withheld.
Architect—Binder and Curtis, 25 West San Carlos St., San Jose.
Bids will be asked in about 2 weeks.

Contract Awarded
RESIDENCE Cost, $13,118
LOS GATOS, Santa Clara Co., Calif.
Two - story and basement frame and stucco residence.
Owner—H. E. Hallawell, Los Gatos.
Architect—Ralph Wyckoff, Anglo Bank Bldg., San Jose.
Contractor—E. Nommensen, 315 South 17th St., San Jose.

Plans Being Prepared
RESIDENCE Cost, $12,000
PALO ALTO, Santa Clara Co., Calif.
Two-story and basement frame, stucco and brick veneer residence (English style, shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.)
Owner—Mr. Lindberger.
Architect—Chas. K. Sumner, Decker-oak Bldg., Palo Alto.
Contractor—Selected but Withheld.

Prospective Bidders
RESIDENCE Cost, $18,000
HILLSBOROUGH, San Mateo Co.
Two-story and basement brick veneer residence (8 rooms, 3 baths).
Owner—J. C. Musser.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
The following contractors, all of San Francisco, except Mr. Cavanagh, will submit bids, which are to be opened August 1:
B. A. Howkins, 1182 Market Street.
G. P. W. Jensen, 320 Market St.
Miller & McGillis, 527 19th Avenue.
Moore & Roberts, 693 Market St.
Ira Coburn, 2048 Market Street.
Oscar L. Cavanagh, 432 Occidental Ave., San Mateo.
Oliver M. Rousseau, 321 Kearny St.
Hannah & Wooldridge, 268 Market.
A. Nelson, Inc., 242 Ocean Avenue.
E. A. Anderson, 1177 DeHaro Street.
A. E. Nelson, 454 Montgomery St.

Contract Awarded.
BUNGALOW COURT Cost, $8065
MILL VALLEY, Marin Co., Calif.
One-story frame and stucco bungalow Court (6 bungalows).
Owner—J. F. Avilla, Alto.
Architect—Not Given.
Contractor—Wm. F. Wegner, Larkspur.

RESIDENCE Cost, $16,000
STOCKTON, San Joaquin Co., Calif. 925 Bristol Avenue.
Two-story frame and stucco residence (11 rooms).
Owner—Renaldo J. Jeffry.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Contractor—E. Merlo, Route 2, Box 232, Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $6500
SAN MATEO, San Mateo Co., Calif. Lot 10 Blk 6, Avila Street.
Two-story frame and stucco residence
Owner and Builder—G. W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Lot 7 Blk 4, Edinburgh Street.
Two-story frame and stucco residence
Owner—C. A. Thulander.
Architect—Not Given.
Contractor—R. A. White, 744 Cross Way, Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Calif. Lot 10 Blk 4, Delmar Way.
Two-story frame and stucco residence
Owner and Builder—San Mateo Investment Co., 2562 So. El Camino Real, San Mateo.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Calif. Baywood Park.

Two-story frame and stucco residence
Owner—W. E. Schneider.
Architect—Not Given.
Contractor—T. J. Broderick, 1528 Cypress Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $7500
SAN MATEO, San Mateo Co., Calif. Lot 7 Blk 8, Seville Way.
Two-story frame and stucco residence
Owner—L. R. Linden.
Architect—Not Given.
Contractor—E. E. Shaver, 2600 Easton Drive, Burlingame. 4

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 17th Avenue S Moraga Street.
Six one-story and basement frame and stucco residences.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. No. 6139 Chelton Drive.
Two-story frame and stucco residence (7 rooms).
Owner—E. Steffan.
Architect—Not Given.
Contractor—C. M. Teigland, 4669 Dolores Ave., Oakland.

Plans Being Figured—Bids Close July 30, 12 Noon.
RESIDENCE Cost, $——
SAN FRANCISCO. Darien Way.
One-story and basement frame and stucco residence (7 rooms and 1 bath and lavatory) composition roofing, hot air heating system, tile baths, hardwood floors, etc.) Spanish style.
Owner—Mr. Kenneally.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Following will submit bids:
Fred K. DuPuy, 110 Sutter St.
Oliver M. Rousseau, 321 Kearny St.
R. Paratore, 549 Fell St.
A. Berwick, 1525 Noe St.

Contract Awarded.
RESIDENCE Cost, $15,000
PIEDMONT, Alameda Co., Cal. No. 217 Sandringham Road.
Two-story and basement frame and stucco residence (7 rooms).
Owner—A. M. Upton, 6149 Buena Vista Ave., Piedmont.
Architect—William Edward Schirmer, Bank of America Bldg., Oakland.
Contractor—H. C. Pfrang, 5759 Ocean View Drive, Oakland.

Bid Opening Changed To July 29, 12 Noon.
RESIDENCE Cost, $18,000
HILLSBOROUGH, San Mateo Co.
Two-story and basement brick veneer residence (8 rooms and 3 baths).
Owner—J. C. Musser.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Date was previously set for Aug. 1. Prospective bidders reported in issue of July 20.

Contract Awarded
RESIDENCE Cost, $6,800
LARKSPUR, Marin Co., Calif.
One - story and basement frame and stucco residence (six rooms) tile roof, circulating hot air heating system, hardwood floors, etc.
Owner—Mr. Niels.
Architect—Not Given.
Contractor—Edw. G. Jackson, 71 Park Drive, San Anselmo.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. E 35th Avenue N Santiago.
Two one-story and basement frame and stucco residences.
Owner and Builder—Ingvar Baldwinson, 322 Judson Avenue.
Architect—C. O. Clausen, 746 46th Avenue.

Contract Awarded
ALTERATIONS Cost, $6,036
SAN FRANCISCO. S Washington St. 138 E Laurel.
Alterations to residence.
Owner—Ruth Kelly Fay.
Architect—Farr & Ward, 68 Post St.
Contractor — D. B. Gladstone, 5 5 7 Market Street.

Owner Taking Bids
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas heating system, hardwood floors, tile baths etc.) California Monterey style.
Owner—W. J. Clark, care architect.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. N Crestlake West Sloat Blvd.
Five one-story and basement frame and stucco residences (5 rooms each) tile and composition roofing, gas heating systems, hardwood floors, tile baths, wood sash.
Owner and Builder—A. J. Herzig, 345 Sloat Boulevard.
Architect—D. E. Jaekle, 126 Post St.
Sub-bids will be taken shortly.

Low Bidder
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Calif.
One-story and basement frame and stucco residence (6 rooms) Johns-Manville asbestos shingle roof, tile baths, wood sash, hardwood floors
Owner—Frank Kelly.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Low Bidder—Ralph Curtis, Rt. 4, Box 940, Modesto.

Contract Awarded
RESIDENCE Cost, $5,500
BURLINGAME, San Mateo Co., Calif. Bernal Avenue S. Hillside Drive.
One - story and basement frame and stucco residence (5 rooms and 1 bath) tile roof, hot air gas heating system, wood sash, hardwood floors, tile bath, etc.)
Owner—Sydney Romer, 110 Sutter St., San Francisco.
Architect—Not Given.
Contractor — Adolph Strate, 190 Moneta, Daly City.
Construction will not go ahead immediately.

Sub-Bids Being Taken
RESIDENCES Cost, $6,000 each
SAN FRANCISCO. Sunset District.
Eight one - story frame and stucco bungalows (5 rooms each) tar and gravel roof, hot air heating system, wood sash, hardwood floors, tile baths, tile kitchens, etc.
Owner and Builder—Stemple & Chambers, 369 Pine Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,000
SAN FRANCISCO. Clayton Street S. 17th Street.
One-story frame and stucco residence (6 rooms) tile, tar and gravel roofing, gas heating system, wood sash hardwood floors, tile bath, etc.
Owner—A. Arlom, % contractor.
Architect—Not Given.
Contractor—Adolph Strate, 190 Moneta, Daly City.

Sub-Bids Being Taken
RESIDENCE Cost, $——
SAN FRANCISCO. Twenty - fourth Avenue (Merced Manor).
1½-story frame and stucco residence (6 rooms) tile roof, hot air heating system, wood sash, tile baths, hardwood floors, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $3000
SANTA ROSA, Sonoma County; Two miles south of town.
Monterey type residence (4 rooms and bath) hardwood floors, circulating heat, fireplace, knotty pine walls in living room and kitchen, redwood shingle roof and redwood siding.
Owner—Mr. and Mrs. W. L. Rudy.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor — Walter Proctor, 12 W. 10th St., Santa Rosa.
Plumbing—P. A. Dont.
Electric Wiring—C. Stolting.
Sheet Metal—Kindig Sheet Metal Wks
Brick Work—L. Jordon.
Lathing and Plastering—C. Valencia.
Lumber and Mill Work—Mead Clark.
Painting—Solsburg Paint Co.
All of Santa Rosa.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,300
ALAMEDA, Alameda Co., Calif.
One and one-half-story frame and stucco residence (6 rooms and 2 baths) wood shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—J. R. Parkinson.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor—Harry Knight, 1435 Harrison St., Oakland.
Roofing — W. L. Rldout, 642 Pacific Ave., Alameda.
Plumbing—V. L. Richit, 3528 Thompson St., Alameda.
Electric Wiring—J. Ansel, 1401 Park St., Alameda.
Heating—Pacific Gas Appliance Co., 1450 Harrison St., Oakland.
Sheet Metal—Atlas Heating & Ventilating Co., 1451 32nd St., Oakland.
Tile—Howden Tile Co., 337 17th St., Oakland.
Brick and Stone Work—Harold Peterson, 1605 Lafayette St., Alameda.
Lumber—Hogan Lumber Co., 2nd and Alice Sts., Oakland.
Painting — Pacific Painting Co., 1975 Shattuck Ave., Oakland.
Concrete — Riechel & Bredhoff, 1555 Central Ave., Alameda.
Flooring—Nittler & Clarke, 3006 56th Ave., Oakland.

To Be Done By Day's Work.
RESIDENCES Cost, $6000 each
MILLBRAE, San Mateo Co., Calif.
Three one-story and basement frame and stucco residences.
Owner and Builder—Jas. Arnott & Sons, 683 Taraval St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 2423 Polk St.
Alterations to residence.
Owner—J. Suppo, Premises.
Architect—Miss Julia Morgan, Merchants' Exchange Bldg., San Francisco.

15— SCHOOLS

Preparing Working Drawings
GYMNASIUM Cost, $30,000
SACRAMENTO, Sacramento, Co. Cal. Fourth and O Streets.

One-story brick and steel gymnasium (73x133 ft.)
Owner—Buddhist Church, Inc., 418 O St., Sacramento.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Bids will be asked in about 10 days.

Preparing Preliminary Plans
RECON. SCHOOL Cost, $75,000
NAPA, Napa Co., Calif.
Reconstruction of Napa Union High School (11 classrooms and auditorium to seat 1000) reinforced concrete construction.
Owner—Napa Union High School District.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.

Plans Being Prepared.
SCHOOL Cost, $23,000
SALINAS, Monterey Co., Calif.
School building (1st unit) 2 classrooms, auditorium, toilets, etc. Wood frame construction.
Owner—Santa Rita School District.
Architect—C. J. Ryland, Monterey and Carmel.

Plans Being Completed
RECON. SCHOOL Cost, $115,000
TAFT, Kern County, Calif.
Reconstruction of the north and south wings of high school.
Owner—Taft Union High School Dist.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.
Application has been filed with the PWA for a loan and grant.

Preparing Working Drawings.
SCHOOL Cost, $95,000
ANDERSON, Shasta Co., Calif.
One-story grammar school building (8 classrooms and auditorium to seat 500) reinforced concrete construction.
Owner—Anderson Grammar School District.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.
Application has been filed with the PWA for a loan and grant.

FIRE LOSS
NAPA, Cal.—Fire destroyed the central unit of the Napa Union High School July 17. Damage estimated at $200,000. Loss is fully covered by insurance. 15

Contract Awarded
SCHOOL Cont. Price, $14,448
MODESTO, Stanislaus Co., Cal. Site of Modesto High School.
One-story arts and crafts building.
Owner—Modesto City School District.
Architect—John J. Donovan, 915 Parker St., Berkeley.
Contractor—L. Ubels, Ripon.
Only other bid was submitted by H. Tennyson, Modesto, at $14,708.

Bids Wanted—To Close July 28, 7:30 P. M.
ADDITION Cost, $——
RENO, Washoe County, Nevada.
Alterations and additions to senior high school (heating and ventilating, steam boilers, electric wiring, acoustical work, etc.)
Owner—Reno School District No. 10 (Jean Jameson, Clerk).
Architect—Not Given.
Bids are being taken as follows:
(1) Alt. and add to high school, $50 deposit for plans.
(2) Heating and ventilating system, $50 deposit for plans.
(3) Steam boilers, oil burners, etc., $20 deposit for plans.
(4) Electric wiring system, $15 deposit for plans.
(5) Installation of acoustic material in gymnasium, $15 deposit for plans.
Plans and specifications may be obtained from Supt. of Schools, Senior High School Building, Reno.

Preparing Plans—Contract Awarded
SCHOOL BLDG. Cost, $525,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Three-story steel frame and reinforced concrete School of Education (33 offices, 4 library rooms, 7 classrooms, 12 working rooms, 3 laboratories, 7 cubicles, 2 reasearch rooms and 23 special small rooms) auditorium to seat 500.
Owner—Stanford University.
Architect—Bakewell & Weihe and Arthur Brown, Jr., associate architects, 251 Kearny St., San Francisco.
Contractor—Geo. Wagner, 181 South Park, San Francisco.
The building will be the gift of Dr. Ellwood P. Cubberley, former dean of the University.

Plans Approved
REHABILITATE SCHOOL Cost, $110,000
BERKELEY, Alameda Co., Calif.
Rehabilitation of Lincoln School.
Owner—Berkeley Board of Education.
Architect—Not Given.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Plans have been approved by the State Division of Architecture, Sacramento and bids will be asked shortly.

BOND ELECTION
KERN COUNTY, Calif.—Semi Tropic School District will hold an election July 29 at which time it is proposed to vote bonds in the sum of $18,000, proceeds to be used for financing improvements to the Semi-Tropic school in Kern County. E. A. Meyer, Jess T. Arant and Mrs. Vada E. Ross are trustees for the district.

BIDS WANTED
INGLEWOOD, Los Angeles Co., Cal. —Until July 28, 7 P. M., bids will be received by Inglewood Union High School District for a one-story reinforced concrete gymnasium and concrete swimming pool to be constructed at the Leusinger High School Inglewood, a PWA project. Cost, $128,000. T. C. Kistner, 814 Architects' Bldg., Los Angeles, Architect.

BIDS WANTED
BAKERSFIELD, Kern Co., Calif.—Until Aug. 3, 7 P. M., bids will be received by Kern County Union High School District for a hot water heating system to be installed in the high school in Bakersfield. Chas. H. Biggar, architect, Haberfelde Building, Bakersfield.

BIDS REJECTED
LOS ANGELES, Cal.—Los Angeles Board of Education rejected bids for construction of new main building and auditorium at Commonwealth Avenue School, 210 S. Virgil Ave., due to excessive costs and has ordered plans and specifications remanded to the architect for revisions. W. L. Risley, 220 S. Westmoreland Avenue, Architect; Ralph E. Marvin, 6362 Hollywood Blvd., Structural Engineer.

LOW BIDDER
LOS ANGELES, Cal.—W. W. Petley, Room 210, 624 S. La Brae Ave., Los Angeles, submitted low bid to Los Angeles Board of Education, at $150,347 for new auditorium and new girls' physical education building to be erected at the Van Nuys High School, 6535 Cedros Ave., Van Nuys. Allison & Allison, Architects, and Franklin N. Ropp, 1014 Edison Bldg., Los Angeles, Structural Engineer.

Sub-Contracts Awarded
TOILET BLDG. Cont. Price, $5377
PAJARO, Monterey Co., Calif.
One-story frame toilet building at grammar school.
Owner—Pajaro Grammar School Dist.
Architect—Chas. Butner, 51 Maple St. Salinas.
Contractor—Friend & Resh, P. O. Box 743, Watsonville.
Roofing——Hammond Lumber Co.
Plumbing—Martin & Gleason.
Electric Wiring—P. V. Electric Co.
Tile Work—C. R. Hushbeck.
Glass—Orlando Glass Shop.
Iron Grille Work—Helwigs Iron Wks., San Jose.
Lathing & Plastering—J. Martensen.
Mill Work—Pacific Mfg. Co., Santa Clara.
Lumber—Hammond Lumber Co.
Painting—C. J. Seekins.
Concrete and Flooring—C. R. Hushbeck.
Reinforcing Steel—C. H. Hushbeck.
All of Watsonville unless otherwise noted.

Planned.
RECON. SCHOOL Cost, $167,000
CROCKETT, Contra Costa Co., alif.
Reconstruction of John Swett High School.
Owner—Crockett School District.
Architect—Not Given.
Application will be filed with the PWA for a loan and grant and if approved a bond election will be held to finance proposed work.

Planned
STORES & OFFICES Cost, $50,000
SAN MATEO, San Mateo Co., Calif. Third Avenue.
Two - story reinforced concrete store and office bldg. (50x100 ft.) three stores, 16 offices).
Owner—H. A. Avensino, 3236 Gough St., San Francisco.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded
ADDITION Cost, $2,000
TURLOCK, Stanislaus Co., Cal. Turlock High School.
Addition to high school (farm mechanics shop, storage room, etc.)
Owner—Turlock High School Dist.
Architect—G. N. Hilburn, Modesto.
Contractor—H. A. Hubbard, 925 Columbia St., Turlock.

BIDS WANTED
BAKERSFIELD, Kern Co., Calif.—Until August 3, 7 P. M. (to be opened at 7:30) bids will be received by the Kern County Union High School District for (1) plastering, including metal lath, steel studs, soundproof partitions and furring; (2) electrical works; (3) hot water heating system for the girl's physical education building at the high school. Plans prepared by Architect Chas. H. Biggar, Haberfelde Bldg., Bakersfield, and Structural Engineer L. H. Nishkian, 525 Market St., San Francisco.
As previously reported, general contract awarded to Henry Elssler, Bakersfield at $48,000; heating and ventilating to Gundlach Plumbing Co., at $2454, and plumbing to Bakersfield Plumbing Co. at $5555.

Plans Being Completed
GYM. AND POOL Cost, $155,000
DALY CITY, San Mateo Co., Calif.
One - story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring) reinforced concrete swimming pool (40x75 feet).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine Street, San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Mechanical and Electrical Engineer—Robert L. St. John, 544 Market St. San Francisco.
Plans will be forwarded to State Division of Architecture, Sacramento, for approval in one week.

BIDS WANTED

MERCED, Merced Co., Cal.—Until July 30, bids will be received by the Merced High School District for the construction of an addition to the agricultural department at the Merced High School. The addition will provide for a cafeteria building at the rear of the school group. Frame and stucco construction, wood floors, etc.; 34x150-ft. Est. cost, $3,600.

Plans prepared by Engineer W. E. Bedesen, Merced.

Plaster Contract Awarded.

SCHOOL Cont. Price, $65,435

PETALUMA, Sonoma Co., Cal. Howard and Walnut Streets.

Two-story and basement reinforced concrete parochial school (8 classrooms; 37x156 feet.) St. Vincent's Parochial School.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—Arnold Constable, 580 Market St., San Francisco.

Structural Engineer — K. Thiell, 580 Market St., San Francisco.

Contractor—John H. Schnieder, 5621 Shafter Ave., Oakland.

Plastering—Leonard Bosch, 167 5th Ave., San Francisco.

Other awards previously reported.

Bids Opened.

RECONST. SCHOOL Cost, $50,000

SAN LEANDRO, Alameda Co., Calif. Dowling Blvd., bet. East Merle Court and Mitchell Avenue.

Reconstruction of the existing unit & construction of a combined gymnasium and auditorium, 3 classrooms and several administration units at Roosevelt School (wood frame and stucco construction).

Owner—San Leandro School District.

Architect—Geo. Klinkhardt, 1801 Bank of America Bldg., Oakland.

Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Low Bidder — George J. Maurer, 50 York Drive, Piedmont.

Complete bids follow:

Geo. J. Maurer, Piedmont	$67,049
Geo. Swanstrom, Oakland	68,167
Geo. Petersen, San Leandro	69,221
Carl N. Swenson, San Jose	69,420
Leo Epp, San Francisco	72,864
Central California Constr. Co., San Francisco	73,249

Bids held under advisement.

Plans Being Figured

TOILET BLDG. Cost, $6,000

KINGS CITY, Monterey Co., Calif.

One - story frame and stucco toilet building.

Owner—Kings City Grammar School District.

Architect—Chas. Butner, 51 Maple St. Salinas.

CONTRACTS AWARDED

SAN FRANCISCO — Ocean Shore Iron Works, 550 8th St., at $187 awarded contract by Department of Public Works for renewing tubes in boiler at the Andrew Jackson School.

CONTRACT AWARDED

SAN FRANCISCO — Ocean Shore Iron Works, 550 8th St., San Francisco, at $923 awarded contract by Department of Public Works for removal and renewing of tubes in boilers in the Lowell High School.

16—BANKS, STORES AND OFFICES

Contract Awarded.

ALTERATIONS Cost, $1500

SAN FRANCISCO. SW Geary and Jones Streets.

Alterations to restaurant.

Owner—Almond Blossom, Premises.

Architect—Not Given.

Contractor—Theo. Petrikis, 2244 Taraval St., San Francisco.

PLANNED

LOS ANGELES, Cal.—The California Department of Public Works has acquired property at the northwest corner of First and Hill Sts., and contemplate the erection of an office building to house state highway, architectural and water resourse departmentst. A two-story, H-shaped structure, probably of reinforced concrete construction, has been proposed.

Bids Opened

TERMINAL BLDG. Cost, $715,300

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Three - story and basement reinforced concrete airport terminal building with control tower at center above roof and garage extension of the basement, wood piling foundation, reinforced concrete walls, floors and roof slabs, etc. (Exposition Contract No. 7).

Owner—San Francisco-Bay Exposition Inc., (Leland W. Cutler, President), Financial Center Bldg., San Francisco.

Architect—George W. Kelham, Chairman of Exposition Architectural Commission; W. P. Day, Director of Works.

Low Bidder—Clinton Const. Co., 923 Folsom St., San Francisco, $677-000.

Complete bids follow:

(1) Lump sum price;
(2) deduct for omitting Philippine mahogany;
(3) deduct for omitting aluminum;
(4) deduct if completion date is extended from Dec. 15 to April 15;
(5) deduct if working hours are increased to 40 hours per week in place of 30 hours;
(6) deduct if working hours are increased to 40 hours per week in place of 30 hours on extended time basis for completion;
(7) load tests on piles, each;
(8) piles, each;
(9) concrete, per c.y.;
(10) reinforcing steel, per lb.

Clinton Const. Co.	(1)	$677,000
	(2)	2,000
	(3)	.....
	(4)	12,000
	(5)	10,000
	(6)	22,000
	(7)	250
	(8)	30
	(9)	18
	(10	.06
MacDonald & Kahn. Ltd.	(1)	$695,564
	(2)	12,000
	(3)	5,000
	(4)	5,000
	(5)	16,000
	(6)	21,000
	(7)	300
	(8)	35
	(9)	27
	(10)	.065

Bids held under advisement.

Contract Awarded.

STORE Cost, $7000

STOCKTON, San Joaquin Co., Calif. No. 39 Washington Street.

Architect—Not Given.

Contractor—T. E. Williamson, 1859 W. Rose St., Stockton. 16

Contracts Awarded.

ALTERATIONS Cost, $15,000

SAN FRANCISCO. No. 110 Market Street.

Alterations to ground floor of building for store (soda fountain, etc.)

Owner—Weinstein Co., 1041 Market St., San Francisco.

Contractor—Beal Equipment Co., 2715 16th St., San Francisco.

Electric Sign—Neon Sign Co. (9604) 1st report May 13; 2nd, July 1, 1936. 16

Additional Sub-Contracts Awarded

OFFICE BLDG. Cost, $50,000

SAN FRANCISCO. Van Ness Avenue South bet. 12th and 13th Streets.

Two-story reinforced concrete Class C office building (45x190-ft.)

Owner—Dempster Estate.

Architect — W. D. Peugh, 333 Montgomery Street.

Lessee — State of California (Motor Vehicle Department).

Structural Engineer—F. W. Kellberg, 320 Market Street.

Contractor—Cahill Bros. 206 Sansome.

Roofing—Alta Roofing Co., 976 Indiana Street.

Steel Sash—Detroit Steel Products Co. 111 Sutter Street.

Plumbing—H. Bertram, 726 Bryant St.

Heating—J. A. Nelson, Inc., Tenth & Howard Streets.

As previously reported, excavation awarded to Sibley Grading & Teaming Co., 165 Landers St; reinforcing steel to Truscon Steel Co., 604 Mission St.; concrete to Readymix Concrete Co., Carolina and Mariposa Sts.; electric to H. S. Tittle Co., 85 Columbia Sq.

Wrecking Contract Awarded

RAILWAY AND BUS DEPOT Cost, $500,000

SAN FRANCISCO. Fourth and Jessie Streets.

Two - story and basement railway and bus terminal.

Owner—Santa Fe Railway Co., 114 Sansome Street.

Plans by Engineering Dept. of Owner.

Wrecking—California Wreck. Co., 606 Mission Street.

Present hotel on site is to be razed immediately and bids for the construction of the new terminal will be asked in about 60 days.

Sub-Contracts Awarded

PENT HOUSE Cont. Price, $18,500

SAN FRANCISCO. 133 Geary Street.

Class A concrete and steel pent house (3500 sq. ft. of floor space).

Owner—Couvoisier Galleries, 480 Post.

Architect—H. T. Howard, 580 Market.

Contractor—Dinwiddie Const. Co., 210 Crocker Building.

Reinforcing Steel—W. C. Hauck & Co. 280 San Bruno Ave.

Lathing and Plastering—Peter Bradley, 639 Brannan St.

Plumbing and Heating—L. V. Keller, 508 Fourth St.

Electric—Atlas Electric Co., 956 Folsom Street.

Roof Deck—H. H. Robertson, 50 Hawthorne St.

As previously reported, structural steel contract awarded to Schrader Iron Works, 1247 Harrison St.

Plans Being Prepared.

STORE Cost, $12,000

MONTEREY, Monterey Co., Calif.

New store building (reinforced concrete construction).

Owner—E. B. Gross, Monterey.

Architect—C. J. Ryland, Monterey and Carmel.

Plans Being Prepared.

STORE Cost, $30,000

SANTA CRUZ, Santa Cruz Co., Cal.

New store building (reinforced concrete construction)

Owner—Morris Abrams, Santa Cruz.

Architect—C. J. Ryland, Monterey and Carmel.

Plans Being Prepared.

STORE Cost, $30,000

MONTEREY, Monterey Co., Calif.

Reinforced concrete store building.

Owner—E. B. Gross, Monterey.

Architect—C. J. Ryland, Monterey & Carmel.

Plans Being Prepared.
STORE Cost, $7,000
HEMIT, Calif.
Store building.
Owner—A. Fast, Hemit.
Architect—C. J. Ryland, Monterey and Carmel.

Contract Awarded
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. NE Twelfth and K Streets.
Alterations and additions to store.
Owner—Remick & Bassett.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Contractor—Frank Maloney, 3172 T St. Sacramento.

Contract Awarded
ADDITION Cost, $2,500
SAN JOSE, Santa Clara Co., Cal. 169 Stockton Avenue.
Addition to business building.
Owner—F. H. Boynton, Hollister.
Architect—Binder and Curtis, 35 W. San Carlos St., San Jose.
Contractor—F. O. Bohnett, Campbell.

Contract Awarded.
STORE Cost, $3000
SAN MATEO, San Mateo Co., Calif. Third Avenue.
One-story frame store building.
Owner—Freeman Burbank.
Architect—Not Given.
Contractor—Mooney & McDonald, 1464 Burlingame Ave., Burlingame.

Low Bidder
OFFICE BLDG. Cost, $——
PLACERVILLE, Eldorado Co., Calif.
One-story frame and brick office bldg.
Owner—Pacific Telephone and Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner
Low Bidder—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco

Plans Being Prepared
STORES Cost, $25,000
SANTA CRUZ, Santa Cruz Co., Calif. Pacific Ave. 125 E Soquel.
One - story reinforced concrete store building (4 stores) tar and gravel roofing, concrete floors, terra cotta front, etc.)
Owner—Pacific States Amusement & Realty Co., Santa Cruz.
Architect—Not Given.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 916 Market Street.
Alterations to store building.
Owner—J. S. Fienberg, Premises.
Architect—Not Given.
Contractor — Grant-Martinelli Constr. Co., 44 Mary St., San Francisco.

Planned.
ALTERATIONS Cost, $10,000
RICHMOND, Contra Costa Co., Calif. NE Macdonald Ave. and Sixth St.
Alterations to two-story brick store and office building.
Owner—H. C. Christen, 1427 Valencia St., San Francisco.
Architetct—Not Selected.
Agent—H. H. Hunt, Richmond.

Contract Awarded
STORE Cost, $10,000
CHICO Butte Co., Calif. Third St.
One-story steel store building (30x70-feet) stucco exterior, decorative plaster, structural glass, etc.
Architect—Chester Cole, Chico.
Lessee—J. Irving Bedford Jewelry & Gift Shop, Chico.
Contractor — Merrick Evans, Liberty Lane, Chico.
Architect was previously reported as L. Bronchoud, Chico, which was in error.

17— THEATRES

Plans Being Prepared
THEATRE Cost, $65,000
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120 ft.) air conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen, 381 Bush St., San Francisco.

Prospective Bidders
THEATRE Cost, $——
JACKSON, Amador County, Calif.
Two-story theatre building (theatre to seat 700 and two stores on ground floor; 4 offices on second floors) reinforced conc. construction; Class C; gravel roof, wood sash, Summerbell trusses (50x130 ft.) heating and ventilating system.
Owner—Pam & Plerovich.
Architect—A. A. Cantin, 222 Kearny Street, San Francisco.
Engineer—F. W. Kellberg, 320 Market Street, San Francisco.
Following have procured plans. Bids close July 27, 10 A. M.:
John Gubbins, Box 251, Jackson.
John Meyers, Rte. 1, Box 439, Stockton.
John Hachman, P. O. Box 206 Stockton.
Moore & Roberts, 693 Market St., San Francisco.
Lindrgen & Swinerton Inc., 225 Bush St., San Francisco.
O. J. Scherer Co., P. O. Box 1010, Angels Camp .

Site Purchased
THEATRE Cost, $——
SAN FRANCISCO. South Irving St. and 26th Avenue.
New theatre building (to seat 1300).
Owner—Irving Theatre & Realty Co., 25 Taylor St. (R. A. McNeil, Pres.)
Architect—Not Given.
Further details will be announced shortly.

Sub-Contracts Awarded.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. No. 3422 Fruitvale Avenue.
Alterations to Dimond Theatre (new front, remodel lobby, new drapes, electric fixtures, etc.)
Owner — Golden State Theatre and Realty Co., 25 Taylor Street, San Francisco.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Contractor—A. J. Hooper, 1769 Pleasant Valley Road, Piedmont.
Plumbing—Walter Grey, 3710 E-14th St., Oakland.
Electric Wiring—Matson Elec. Equip. Co., 4115 Broadway, Oakland.
Iron Grille Work—C. Frauneder, 335 8th St., Oakland.
Lathing and Plastering—P. H. Donnelly, 354 Hobart St., Oakland.
Lumber—E. K. Wood Lumber Co., Oakland.

Prospective Bidders
ALTERATIONS Cost, $50,000
SAN FRANCISCO. NW Cole St. and Haight.
Remodel Haight Theatre.
Owner—Golden Gate Theatre Co., 25 Taylor Street.
Associated Architects—Jorgensen and Delchmann, 321 Bush Street.
Structural Engineer—L. H. Nishkian, 525 Market Street.
Following have procured plans.
Bids open July 29, 10 A. M.
Peter Sartorio, 666 Mission St.
Moore & Roberts, 693 Mission St.
James McLaughlin, 251 Kearny St.
Salih Bros., 25 Taylor St.
Empire Const. Co., Ltd., Russ Building.

BIDS OPENED
SAN FRANCISCO D. N. & E. Walter, 562 Mission St., at $88, submitted only bid to Department of Public Works for furnishing and installing 49½ yards of monks cloth in the Mayor's Office, City Hall, Spec. No. 4379.
Bid held under advisement.

18— WHARVES & DOCKS

CONTRACT AWARDED
HICKAM FIELD, T. H.—Ralph E. Woolley, Honolulu, T. H., at $98,840 awarded contract by Army Department for the construction of dock, boathouse and mole, including utilities at Hickam Field.

19—MISC. CONSTRUCTION

BIDS WANTED
SAN FRANCISCO—Until July 23, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-8, for drydocking, painting and repairing the U. S. Motorboat "Mamala."
Specifications obtainable from the above office.

BIDS WANTED
SAN JOSE, Santa Clara Co., Calif. —Until July 27, 11 A. M., bids will be received by Santa Clara County; Bd. of Supervisors, Courthouse, San Jose, for moving a building, garage and accessories on Lot 10 of the Herschbach subdivision of Valley View Tract on the Almaden Road.

BIDS WANTED
SACRAMENTO, Cal. — Until July 30, 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-16, for constructing and delivering afloat two wooden barges, length overall, 80 ft.; beam 30 ft.; depth 4 ft.
Specifications obtainable from the above office.

BIDS WANTED
RIVERSIDE COUNTY, Cal.—Until August 27, 10 A. M., bids will be received by Metropolitan Water District 306 W 3rd St., Los Angeles, for constructing the Hayfield Pumping Plant of Colorado River Aqueduct, in accordance with Spec. No. 160.
The work is located in Riverside County about 35 miles east of Indio, and comprises the construction of the Hayfield pumping plant building, together with intake works, outlet structures, electrical switching station, and other appurtenant works. The work has been divided into two schedules and no proposal will be considered for less than the whole of the work. The buildings are to be of reinforced concrete and steel construction and the switch and bus structures of galvanized structural steel erected on concrete foundations. With the exception of cement, reinforcement steel, and certain other materials, as provided in the specifications, the contractor will be required to furnish all labor, equipment, supplies, and tools to complete the work.
Copies of the specifications may be obtained from the Chief Engineer, F. E. Weymouth, Room 1007, 306 West 3rd St., Los Angeles, upon payment of $5.00, not returnable. Certified or cashier's check for $125,000 must accompany each proposal.

CONTRACT AWARDED
SAN MATEO, Cal.—Star Ornamentor Iron Works, 1271 Folsom St., San Francisco, at $139 awarded contract by

Treasury Department for furnishing bicycle racks at the U. S. Post Office, San Mateo. 19

CONTRACT AWARDED

BOULDER CITY, Nevada—Pole & Tubewood, Inc., Newark, N. J., at $1750 awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 805-D, for furnishing and delivering a 125-foot continuous tapered, steel flagpole, complete with accessories, for Boulder Dam.

Planned.

SWIMMING POOL Cost, $50,000
EUREKA, Humboldt Co., Cal. Site To Be Selected.
Swimming pool (50x100 feet)
Owner—City of Eureka.
Architect—Not Selected.

BIDS OPENED

COOLIDGE, Ariz. — Pioneer-Flintkote Co., and W. P. Fuller & Co., submitted identical low bids on items Nos. 1, 2 and 3 to the Resettlement Administration for asphalt, felt and building paper for Coolidge, Arizona; Proposal 1574. The bids were: (1) $921 (2) $140.04; (3) $893.50. W. P. Fuller & Co. bid $139.68 on item No. 4 and Pioneer-Flintkote Co. bid $149.68.

FIRE LOSS

NAPA COUNTY, Cal.—Fire destroyed the Carneros ranch, two miles south of Napa on the Sonoma Highway, July 21. Damage estimated at $125,000. The loss includes fourteen buildings, including a winery, cooperage, bunk houses, etc. Jack Treanor is the owner. *

20—MISC. SUPPLIES AND MATERIALS

CONTEMPLATED

MODESTO, Stanislaus Co., Calif.—City Council has appropriated $1,500 for the purchase of lead covered copper cable for the Electrical Division. City Clerk H. E. Gragg has been authorized to call for bids

BIDS OPENED

LOS ANGELES, Cal. — Bids for furnishing approximately 2,000,000 lbs. douglas fir under Circ. Prop. No. 10 were opened by the U. S. Engineer Office, July 15, f.o.b. bidder's shipping point. The bids were:

Security Lumber Co., $11,812; shipping point, Vaughn; discount 2%, 10 days.

Hammond Lumber Co., $14,008.75; f.o.b. Toledo, Ore.; discount net.

W. E. Cooper Lumber Co., $13,450.50 Portland; discount 2%, 10 days.

MacDonald & Harrington, $14,179.50; East Portland; 2%, 10 days.

Morrill & Sturgeon, $11,955; Harrisburg; 2%, 10 days.

Mackintosh & Truman, $14,188; Lyons, Oregon; net.

A. E. Fickling Lumber Co., $13,-325; Portland; 1%, 10 days.

J. A. Erwin Co., $11,956.50; Newburg, Oregon and Vancouver, Wash.; 1½%, 10 days.

J. F. Sharp Lumber Co., $12,461.50; Glendale, Oregon; 2%, 10 days.

Sullivan Lumber Co., $14,252.50; Willamina; 2%, 10 days.

Globe Lumber Co., $19,284.75; job site except flooring which is f.o.b. Portland; 2%, 30 days.

CONTRACTS AWARDED

SAN FRANCISCO — Contracts for furnishing lumber under Bid No. 1608, have been awarded by T. A. Brooks, Purchaser of Supplies, City Hall, as follows:

Soft Wood—Smith Lumber Co., 4th & channel Sts., $1546.31.
Hardwood — Forsyth Hardwood Co., 355 Bay Shore Blvd., $1271.07.
Miscellaneous Lumber Forsyth Hardwood Co., $392.

CONTRACT AWARDED

SAN FRANCISCO—Fred E. Turner, 557 Market St., at $6.49 each awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1548 for furnishing 700 auditorium chairs. 20

Supplies, City Hall, under Bid No. 1548 for furnishing 700 auditorium chairs.

BIDS REJECTED

BERKELEY, Alameda Co., Calif.—City Council rejected all bids for furnishing bituminous treated gravel. The material will be purchased in the open market.

BIDS OPENED

LOS ANGELES, al.—Bids for furnishing treated round wood piling, douglas fir or southern yellow pine, under Circ. Prop. No. 15, were opened by the U. S. Engineer, July 16.

The items were:

LOT NO. 1
(1) 8,125 l.f. 25-in. lengths (325 pcs.)
(2) 1,890 l.f. 45-ft. lengths (42 pcs.).
LOT NO. 2
(1) 10,425 l.f. 25-ft. lengths (417 pcs.)
LOT NO. 3
(1) 12,600 l.f. 30-t. lengths (420 pcs.)
LOT NO. 4
(1) 12,200 l.f. 20-ft. lengths (610 pcs.)
(2) 8,125 l.f. 25-ft. lengths (325 pcs.)
LOT NO. 5
(1) 7,900 l.f. 25-ft. lengths (316 pcs.)
(2) 2,200 l.f. 40-ft. lengths (55 pcs.)
LOT NO. 6
(1) 7,200 l.f. 20-ft. lengths (360 pcs.);
(2) 9,300 l.f. 30-in. lengths (210 pcs.);
(3) 408 l.f. 34-ft. lengths (12 pcs.);
(4) 90 l.f. 45-ft. lengths (2 pcs.)
Fob origin.

The bids were: (all douglas fir except as otherwise noted):

Pan Pacific Piling & Const. Co.: (1) $6434.84; (2) $6698.06; (3) $8001; (4) $12,449.06; (5) $6186.25; (5) $10,411.27; total, $50,180.28.

J. H. Baxter: (1) $7498.00; (2) $7,-923; (3) $9198; (4) $15,447; (5) $7544; (6) $12,621.84; total, $60,231.84.

Texas Creosoting Co.: (1) $6228.20; (2) $6463.50; (3) $7560; (4) $12,723.50; (5) $6152; (6) $10,409.31; total, $49,-536.04; fob Houston, Texas; southern yellow pine deduct $7 l.f. 16-lb. treatment.

James L. Hall: (1) $5608.40; (2) $5,-838; (3) $6930; (4) $11,382; (5) $5612; (6) $9421.80; total, $44,792.20; fob The Dalles, Ore.; discount, 2%, 10 days; 1% 20 days.

American Lumber Treating Co.: (4) $13,211.25; (5) $6565; (6) $11,048.70; delivery by truck. *

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing about 1,800,000 lbs. Douglas fir lumber, Circ. Prop. 17, were opened by the U. S. Engineer Office, Los Angeles, July 20.

The bids were:

Chapman Lumber Co.: $12,395.75; 2%; 10 days.

McDonald & Harrington: $11,682.12; 2%; 10 days.

Patrick Lumber Co.: $11,763.50; 2% 10 days.

A. E. Fickling: $12,158; 1%; 10 days.

Jas. L. Hall: $7383.25 (part bid); 2%; 10 days.

J. F. Sharp Lumber Co.: $11,445; 2%; 10 days.

J. A. Erwin: $10,916; 2%; 10 days.

Globe Lumber Co.: $17,104; 2% 30 days; flooring fob site, balance fob Portland, Ore.

July 22, 1936

CONTRACT AWARDED

PETALUMA, Sonoma Co., Cal.—Rex Hardware Co., Main St., Petaluma, at $0.745 per lin ft., total $75.98 submitted only bid received and awarded contract tby the Petaluma City Council, Gladys V. Roberts, City Clerk, for furnishing 99 ft. of 19-in. diam. concrete pipe in lengths of 3 ft. each.

CONTRACT AWARDED

RIVERTON PROJECT, Wyoming—Virginia Bridge Co., Roanoke, at $3,-950 f.o.b. Riverton, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 807-D, for furnishing structural steel for spillway bridge at the Bull Lake Dam, Riverton Project, Wyoming.

CONTRACT AWARDED

LOS ANGELES, Cal.—Western Pipe & Steel Co., 5717 Santa Fe Ave., was awarded contract by the U. S. Engineer Office, at $20,713.08 for furnishing corrugated metal pipe, band couplers and automatic drainage gates under Circ. Prop. No. 798.

The bids were:

Western Pipe & Steel Co.: (1) $774.-30; (2) $19,938.78; total, $20,713.08; net.

California Corrugated Culvert Co.: (1) $769.42; (2) $20,160.11; total, $20,-

BIDS OPENED

LOS ANGELES, Cal.—Minneapolis-Moline Power Implement Co., 933 Chapman Bldg., submitted low bid to the U. S. Engineer Office, 751 Figueroa St., at $5725.60, for furnishing 97,000 lbs. fabricated steel and other metal work incidental to the steel framework in the superstructure of one railroad and one foot bridge, all complete, shop painted and delivered at the bridge site ready for erection. The items are:

(1) 70,000 lbs. steel for Alhambra Wash Pacific Electric Bridge at Ramona Blvd.;
(2) 27,000 lbs. steel for Verdugo Wash Glenoaks Blvd. to Opechee Way, foot bridge at Station 193+02.

The bids were:

Minneapolis-Moline Power Imprement Co.: (1) 5.68c; (2) 6.48c; total, $5725.60.

Apex Steel Corp., Ltd.: (1) 6c; (2) 6½c; total, $5955.

Consolidated Steel Corp.: (1) $6.15; (2) 7.65c; total, $6370.50.

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MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SAN FRANCISCO—Until July 27, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-6, for furnishing two steel sheaths for dredge spuds for the U. S. Dredges "Sacramento" and "San Joaquin."

Specifications obtainable from the above office.

FORT MASON, Cal.—Until July 27, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco, General Depot, Fort Mason, under Bid No. 928-37-13, for furnishing lacquer, thinner, surfacer, and enamel.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until August 3, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-15, for furnishing 32,400 lbs. sodium thiosulphate, crystal, commercial grade.

Specifications obtainable from the above office.

SAN FRANCISCO—Until July 30, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, Lieut. Col. J. A. Dorst, District Engineer, under Bid ER-868-37-3, for furnishing 1668 ft. b. m. Oregon Pine No. 1 common, rough, lumber.

Delivery f.o.b. Pier 3½, San Francisco Waterfront.

Specifications obtainable from the above office.

FRESNO, Fresno Co., Calif.—Until July 27, 12 M., bids will be received by Lieut. G. T. Stump, Purchasing and Contracting Officer, Fresno, District CCC, 414 "P" St., Fresno, under Bid No. 5905-37-4, for furnishing construction materials for miscellaneous CCC Camps in the central area. Materials include lumber, hardware, prepared roofing and floor covering, sheet metal plumbing and electric materials.

Specifications obtainable from above office and on file at the office of the DAILY PACIFIC BUILDER.

SAN FRANCISCO—Until July 27, 2 P. M., bids will be received by P. C. Brown, Procurement Officer, Forest Service, 916 Phelan Bldg., San Francisco, under Bid No. 870, for furnishing three hydraulic pumps and control valves, for installation on and operation with Cletrac "55" tractors.

Delivery f.o.b. Government Island, Oakland, and/or bidder's shipping point.

Specifications obtainable from the above office.

GOVERNMENT ISLAND—Bids will be received by I. M. Stevens, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

JULY 31, 2 P. M.

BID NO. 3729; 500 steel stamps F.S.; and 25 steel dies; f.o.b. Government Island.

BID No. 3731; 75 doz. grade 2 scissors, both points blunt; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 3734; 12 doz. 1-quart canteens; f.o.b. Government Island.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Aug. 4, 10 A. M., bids will be received by the Quartermaster Supply Officer, S. F. General Depot, Fort Mason, under Bid No. 928-37-16, for furnishing 224 corrugated ash and garbage cans, 10-gal. capacity; 26 dust pans, etc.

Specifications obtainable from above office

SACRAMENTO, Cal.—Until July 30, 3 P. M., bids will be received by the U. S. Engineer Office ,Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-5, for furnishing pin reamers, chucking reamers, taper shank twist drills, mild steel, sheet steel, brass, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office

LOS ANGELES, Cal.—Until July 29, 3 P. M., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., for furnishing 1,897,000 lbs. fabricated steel and other metal work, to include the complete frame-work for the Pacific Avenue bridge superstructure, and 14 fabricated steel girders for 7 additional bridge superstructures. Bid bond 10% must accompany bid. Circ. Prop. No. 23. The items are:

(1) Steel for Pacific Avenue Bridge, furnished fully fabricated
 (a) 357,000 lbs. all metal work except girders.
 (b) 2 each fabricated girders approximately 97,500 lbs. each).
(2) Steel for Verdugo, Wash., Vierendell Girders, fully fabricated.
 (a) 2 each at Glenoaks Blvd. Bridge (approx. 92,500 lbs. each.)
 (b) 2 each at Louise St. Bridge approx. 97,500 lbs. each).
 (c) 2 each at Brand Blvd. Bridge (East Unit) (approx. 97,500 lbs. each).
 (d) 2 each at Geneva St. Bridge (approx.. 97,500 lbs. each).
 (e) 2 each at Central Ave. Bridge (approx. 97,500 lbs. each).
 (f) Brand Blvd. Bridge (West Unit) approx. 97,500 lbs. each).
 (g) 2 each at Jackson St. Bridge (approx. 92,500 lbs. each).

PLACER COUNTY

Room 270, City Hall, under Bid No. 1619, for furnishing one Model No. 20 Elgin motor sweeper or approved equal.

Specifications obtainable from the above office.

SAN FRANCISCO—Uintil July 31, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Htll, under Bid No. 1620, for furnishing surveying instruments for the Junior College.

Specifications obtainable from the above office.

SAN FRANCISCO—Until July 31, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1621 for furnishing street lighting fixtures for the Public Utilities Commission.

Specifications obtainable from the above office.

SAN FRANCISCO—Until July 31, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until August 4th, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 773, for furnishing three portable engine-driven air compressors, 370 c.f. per min. displacement.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL.—Until July 31st, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Agent The Panama Canal, Washington, D. C., under Schedule No. 3166, for furnishing 1,000,000 gallons of gasoline, 175,000 gallons of ethyl gasoline, and 350,000 gals. of kerosine.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until July 28, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. Third Street, Los Angeles, for furnishing steel water stops for construction and dummy joints in 16-ft. cut-and-cover conduit and modified conduit; Spec. No. 163. Specifications may be obtained at the office of the Chief Engineer, F. E. Weymouth, Room 1007 306 West Third St., upon payment of $1.00 per set, not returnable. Certified or cashier's check for $4,000 must accompany each proposal.

Berekeley Board of Education

BERKELEY, Alameda Co., Calif.—Until August 5, 4.45 P. M., bids will be received by Berkeley Board of Education for the sale of brick at the Burbank School, Berkeley. Quantities follow:

(1) 70,000 uncleaned used bricks;
(3) 600lin. ft. uncleaned terra cotta face bricks.
(3) 600 linfl ft. uncleaned terra cotta coping.
(1) 1 lot of used miscellaneous terra cotta ornaments.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until July 27, 2 P. M., bids will be received by the Metropolitan Water District, 306 W. Third Street, Los Angeles, for furnishing iron castings and fabricated steel, Spec. 162. The work is divided into two schedules, viz.: Schedule 1, for cast iron pipe, valves, thimbles and fittings, bolts, nuts, and gaskets. Schedule 2, for black steel pipe, galvanized steel ladder rungs, fabricated steel manhole frames and covers and galvanized iron hoods. Specifications may be obtained at the office of the chief engineer, Room 1007, 306 West 3rd St., Los Angeles, upon payment of $1 per set, not returnable. Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, General Manager and Chief Engineer.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS REJECTED

MT. RAINIER NATIONAL PARK, Wash.—National Park Service, Frank A. Kittredge, Chief Engineer, Federal Office Bldg., San Francisco, has rejected all bids received June 12 for constructing a horse trail suspension bridge over Tahoma Creek in Mount Rainier National Forest.

CONTRACT AWARDED

LOS ANGELES, Cal.—Consolidated Steel Corp., 6500 E. Slauson Avenue, awarded contract by the U. S. Engineer office, at $43,042.75, for furnishing 2 fabricated steel veirended girders, weighing about 97,640 lbs. each and approximately 308,650 lbs. of fabricated steel and other metal work incidental to the steel framework in the superstructure of the Kenilworth Avenue bridge. Circ. Prop. No. 755.

CONTRACT AWARDED

LOS ANGELES, Cal. — Bethlehem Steel Co., Slauson Ave. and Downey Road, awarded contract by the U. S. Engineer Office, at $9550.80 for furnishing 227,400 lbs. fabricated steel incidental to the wood and steel framework of the Del Amo Street Bridge. Circ. Prop. No. 467.

BIDS OPENED

SAN LUIS OBISPO COUNTY, Cal. —John Fesler, P. O. Box 481, Santa Maria, at $14,480, as previously reported, submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for redecking existing bridge across Santa Maria River, one-half mile north of Guadalupe, San Luis Obispo County.

The work involves:

(1) 370 c.y. Class A Portland cement concrete in place;
(2) 96,000 lbs. bar reinforcing steel in place;
(3) 2,400 l.f. railing to be removed and reset;
(4) One lot existing deck to be removed.

Total bids follow:

(A) John Fesler, Santa Maria, $14,480.
(B) F. C. Stolte, Alameda, $15,700.
(C) R. D. Paterson, Santa Barbara, $15,808.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$20.00	$24.00	$23.00
(2)	.0625	.05	.056
(3)	.25	.55	.40
(4)	480.00	700.00	962.00

BIDS REJECTED

HUMBOLDT COUNTY, Cal.—State Highway Commission has rejected all bids received by J. W. Vickrey, District Engineer, Eureka, for repairs to the existing bridge across the south fork of the Trinity River, about one mile west of Salyer in Humboldt Co.

The work will be readvertised.

Low bid was submitted by Mercer-Fraser Co., Eureka, at $4,798.

CONTRACT AWARDED

LOS ANGELES, Cal. — Bethlehem Steel Co., 11,100 S. Central Avenue, awarded contract by the U. S. Engineer Office, at $57,723.10, for furnishing 1,251,000 lbs. fabricated steel and other metal work incidental to the steel framework in the superstructure of the Adams Blvd. Concord St. and Washington Blvd. bridges. Circ. Prop. No. 749.

CONTRACT AWARDED

KERN COUNTY, Cal.—Parish Bros. 1222 N. Gower St., Los Angeles, at $52,426 awarded contract by he State Highway Commission, Sacramento, for construction of a reinforced concrete bridge across the north fork of Kern River about 0.7 miles north of Isabella, consisting of two 47-ft. 10-in. and three 60-ft. spans on concrete piers, and grading and treating with liquid asphalt approximately 0.35 mile of roadway in Kern County.

NO BIDS RECEIVED

INYO COOUNTY—No bids were received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for the reconstruction of four bridges and one culvert near Bishop in Inyo County.

The work involves:

(1) 150 c.y. structure excavation;
(2) 15,000 lbs. bar reinf. steel, in place
(3) 135 c.y. Class A Portland cement concrete, in place;
(4) 11.5 MFBM Douglas fir timber in place;
(5) 8 MFBM Redwood timber, dense, select, all-heart struc. grade;
(6) 1 lot bridge superstructures to be removed and disposed of;
(7) 10 c.y. concrete to be removed and disposed of;
(8) 10 each, clearance markers, in place.

NO BIDS RECEIVED

HUMBOLDT COUNTY, Cal. — No bids were received by the Humboldt County Board of Supervisors, Fred M. Kay, County Clerk, for painting four bridges, including the new Fort Seward span, a bridge at Arlinda across the Salt River, the Bear River bridge, and the Petrolla bridge over the Mattole River; and placing armor coat surfacing on the Fort Seward, Petrolia and Indian Creek bridge near Cummings ranch.

Bids for the painting will be readvertised and the sufrace work will be done by County forces.

CONTRACT AWARDED

SAN LUIS OBISPO COUNTY—F. C. Stolte, 3449 Laguna Ave., Oakland, at $7,180 awarded contract by the State Highway Commission, Sacramento, for removing an existing bridge and constructing new steel and timber bridge and grading approaches, about 38 miles east of Santa Margarita at San Juan Creek, San Luis Obispo County.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

SAN LUIS OBISPO COUNTY—John Fesler, P. O. Box 481, Santa Maria, at $14,480 awarded contract by the State Highway Commission, Sacramento, for redecking existing bridge across Santa Maria River, one-half mile north of Guadalupe, San Luis Obispo County.

22—DREDGING, HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

SAN JOAQUIN COUNTY, Cal.—San Francisco Bridge Co., 503 Market St., San Francisco, at $74,700 awarded the contract by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for dredging approximately 450,000 c.y. of material from the San Joaquin river 30-foot channel near Stockton, from a point about 0.5 mile downstream from the turning basin to a point about 0.8 mile downstream from Burns Cut-off, a distance of approximately 3.3 miles.

The low bid of Franks Contr. Co., 260 California St., San Francisco, at $49,050 was not accepted due to a qualification by the bidder.

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BIDS WANTED

SAN FRANCISCO.—Until July 27, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. E. R. 868-37-2, for the lease and operation of one clamshell dredge in San Francisco Bay, on and adjacent to the shoal north of Yerba Buena Island.

Specifications obtainable from above office. * 2

BIDS OPENED

SACRAMENTO, Calif. — Olympian Dredging Co., 249 First St., San Francisco, at $34,480 submitted the only bid received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-7, for furnishing and operating clamshell dredging plant at hourly rates for use in Suisun Bay and the San Joaquin and Sacramento rivers and tributary channels.

Bids were taken as follows:

(1) Rate per hour for working time, estimated at 1,200 hours;
(2) Rate per hour for idle time, estimated at 140 hours; (a) Idle while on the work; (b) idle while being towed to or from various locations
(3) Mobilization and demobilization of dredge for each separate job, estimated at four.

Unit bids follow:

(1) ...$26.50; (2)...$26.50; (3) $250.00

BIDS WANTED

COOS BAY, Oregon.—Until August 18, 3 P. M., bids will be received by the U. S. Engineer Office, First Portland District, 306 Customhouse, under Bid No. 698-37-40, for dredging approximately 1,506,000 c.y. of material from the channel in Coos Bay and Isthmus Slough, Oregon, between mile 7¼, about 1½ miles below the Southern Pacific Railroad bridge, and mile 15 at the upper end of Coos Bay Lbr. Co. (Smith Mill) wharf, above Marsh-

field, a total distance of about 7½ miles

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

SACRAMENTO, Cal. — Hydraulic Dredging Co., Ltd., Central Bank Bldg., Oakland, at $91,800 awarded contract by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, Dist. Engineer, under Bid No. 1105-37-10, for dredging approximately 600,000 cu. yds. of material from the Sacramento River, between M Street Bridge and the vicinity of Y Street bend, a distance of approximately 1.1 mile..

CONTRACT AWARDED

CONTRA COSTA COUNTY, Calif.—San Francisco Bridge Co., 503 Market St., at $26,593.60 ($0.11 per c.y.) was awarded contract by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, San Francisco, for dredging 241,760 c.y. of material in Richmond Harbor.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing one large fully equipped dragline for excavation of 750,000 c.y. of material from Ballona Creek on the Los Angeles County Flood Control Project were opened by the U. S. Engineer Office, 751 S. Figueroa Street. Circ. Prop. No. 25.

The bids were:

W. E. Callahan Const. Co., $78,000, discount 3%, 10 days, shipping point Araz Junction, shipping weight 560,000 lbs. 6-yd. bucket.

Boyce-Igo Co., $148,000 net. Shipping point Araz Junction, Bucyrus-Erie Model 10-W, 12-yd. bucket. Alternate bid for model 6-W, $79,000 net. Shipping point Simmisport, La., 6-yd. bucket.

Morrison-Kundson Co., $73,850, discount 1%, 10 days; shiping point Blue Island, Ill., 8- or 10-yd. capacity.

Mark L. Walker & Sons, $119,804 net. Shipping point, Cole, Montana; Bucyrus Walking Dragline No. 6160; 8-c.y. capacity.

BIDS WANTED

LOS ANGELES, Cal.—Until August 6, 3 P. M., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., for dredging about 206,000 cu. yds. of material at Santa Barbara Harbor, about 100 miles northwesterly of Los Angeles Harbor. Circ. Prop. 57.

The work involves:

(A) 206,000 c.y. dredging with deposit in Disposal Area A;

(B) 206,000 c.y. dredging with deposit in Disposal Area B;

(C) 206,000 c.y. dredging with deposit at sea.

23— CANALS

TO ASK BIDS SHORTLY

SACRAMENTO, Calif. — A call for bids will be issued in the near future by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-15, for approximately 1,045,100 c.y. of dredging and levee embankment along the west levee of Yolo By-Pass from Fremont Weir to a point 1.15 miles north of the Sacramento Northern Ry., north and south levees of Knights Landing ridge cut, training levees of Cache Creek settling basin, and a portion of the south levee of Cache Creek.

Specifications obtainable from the above office.

CONTRACT AWARDED

ALL-AMERICAN CANAL—Peterson Construction Co., 610 Wesley Temple Bldg., Minneapolis, at $54,862.50 awarded contract by the Bureau of Reclamation, R. B. Williams, Construction Engineer, Yuma, under Spec. No. 686, for earthwork excavation, Station 3325 to Station 3538 plus 50, and constructing a detour at the turnout for the Central Main Canal, All-Amrican Canal System.

BIDS OPENED

ALL-AMERICAN CANAL. — V. R. Dennis Const. Co., 3911 Fifth Avenue, San Diego, at $0.65 per c.y., total $32,500 submitted low bid to the Bureau of Reclamation, R. B. Williams, Construction Engineer, Federal Building, Yuma, for earthwork excavation, Sta. 1161 plus 75 to Sta. 1170 plus 25, All-American Canal; Spec. No. 810-D.

The work is located about 6 miles west of Yuma, and involves 50,000 c.y. of excavation from rock cut, for canal.

Complete bids follow:

V. R. Dennis Const. Co., San Diego: $0.65 per c.y.; total, $32,500.

Geo. Pollock Co., Sacramento: $0.86 per c.y., total, $43,000.

Peterson Const. Co., Minneapolis: $1.20 per c.y.; total, $60,000.

Geo. W. Condon, Omaha: $1.20 per c.y.; total, $60,000.

24— STREET LIGHTING SYSTEMS

CONTRACT AWARDED

SAN FRANCISCO — Alta Electric & Mechanical Co., 467 O'Farrell St., at $15,889 awarded contract by the Public Utilities Commission, City Hall, under Light Department Contract No. 14, for the construction of street lighting systems in Harrison, Essex, First and Fremont Sts.

BIDS OPENED

SAN FRANCISCO.—H. S. Tittle, 85 Columbia Square, submitted the apparent low bid to the Public Utilities Commission, City Hall, under Light Dept. Contract No. 14, for the construction of street lighting systems in Harrison, Essex, First and Fremont Streets.

The work involves:

(A) Harrison Street:
- (1) 53 electroliers, complete;
- (2) 1 special electrolier, complete;
- (3) 9,200 l.f. 1½-in. conduit;
- (4) 13,800 ft. primary cable;
- (5) 2 pull boxes;
- (6) 32 extra conduit stubs in foundation.

(B) Essex Street:
- (1) 2 electroliers, complete;
- (2) 1 special electrolier;
- (3) 3 wall brackets complete;
- (4) 800 ft. 1½-in. conduit;
- (5) 1,200 ft. primary cable;
- (6) 85 ft. secondary wire, duplex R & LC;
- (7) 1,300 ft. secondary wire, SC, R & DB;
- (8) 1 series transformer;
- (9) 1 manhole;
- (10) 1 extra conduit stub in foundation.

(C) First and Fremont Streets:
- (1) 4,600 ft. 1½-in. conduit.

Bids were taken as follows:

(1) Lump sum construction of complete lighting system on Harrison Street between Fifth and the Embarcadero, including special standard at top of stair on Sterling St.;

(2) Lump sum do on Essex Street, including a special standard at top of stairs at Lansing St.;

(3) Unit price per ft. for iron conduit on First and Fremont Streets between Harrison and Howard Sts.

Complete bids follow:

H. S. Tittle, San Francisco: (1) $11,045; (2) $1,118; (3) $1,058.

Alta Elec. & Mech. Co., San Francisco: (1) $13,291; (2) $1,264; (3) $1,334.

R. Flatland, San Francisco: (1) $11,413; (2) $1,359; (3) $1,104.

H. C. Reid & Co., San Francisco: (1) $15,315; (2) $1,560; (3) $1,748.

Abbett Electric Co., San Francisco: (1) $15,538; (2) $1,602; (3) $2,208.

Underground Const. Co., Berkeley: (1) $15,984; (2) $1,590; (3) $1,380.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

CASPER, Wyoming—Following bids received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 811-D, for furnishing equipment for use on the Casper-Alcova Project, Wyoming, as follows:

(1) 1 69,000 volt oil circuit breaker;
(2) 6 69-000-volt disconnecting switches;
(3) 2 69,000-volt air break switches;
(4) 2 69,000-volt potential transformers;
(5) 2 69,000-volt current transformers
(6) One outdoor meter and relay cabinet;

Complete bids follow:

Conduit Electrical Mfg. Corp., Boston: (1) $5717; (2) $624; (3) $1440; (4) $2224; (5) $1188; (6) $675; (1 to 6) $11,593.

General Electric Co., Schenectady, N. Y.: (1) $6015; (2) $594; (3) $1375; (4) $2358; (5) $1266; (6) $690.

Westinghouse Electric and Mfg. Co., Denver: (1) $5985; (2) $594; (3) $1372; (4) $2420; (5) $1272; (6) $680.

Pacific Electric Mfg. Co., San Francisco: (1) $5850; (2) $594; (3) $1,372.

Kelman Elec. & Mfg. Co., Los Angeles: (1) $5951.

Hi-Voltage Equipment Co., Cleveland: (2) $594; (3) $1372.

Johnson Mfg. Co., Atlanta: (2) $505.56 (3) $931.76.

Bowie Switch Co., San Francisco: (2) $594; (3) $1372.

Electrical Engineers Equipment Co., Melrose Park, Ill.: (2) $594; (3) $1372.

Graybar Electric Co., Inc., Denver: (2) $594; (3) $1372.

Electric Power Equipment Co., Philadelphia: (2) $594; (3) $1372.

Royal Electric Mfg. Co., Chicago: (2) $468; (3) $796.

Southern States Equipment Co., Birmingham: (2) $594; (3) $1372.

Railway & Industrial Engineering Co., Greensburg, Pa.: (2) $594; (3) $1372.

Delta-Star Electric Co., Chicago: (2) $594; (3) $1392.

High Tension Co., Inc., Phillipsburg, N. J.: (2) $451.20; 1% net.

All bids net, unless otherwise noted. All bids f.o.b. Casper, Wyoming.

CONTEMPLATED

MODESTO, Stanislaus Co., Calif.—City Council has appropriated funds for the purchase of following equipment:

(1) Tractor for use on municipal golf course, $950;
(2) Motor grader for Street Department, $4,500;
(3) Concrete mixer for Street Department, $1,000;
(4) One common power mower for the Park Dept., $625.

City Clerk H. E. Gragg has been authorized to call for bids.

CONTRACT AWARDED

BOULDER CITY, Nevada — Westinghouse Electric & Mfg. Co., Denver, awarded contract by the Bureau of Reclamation, at $391,040 for furnishing and delivering f.o.b. cars at Boulder City, Nevada, for 55,000 Kv-a., 60-cycle, single phase, water-cooled, 16,400 to 132,950/230,000-volt Y-transformers for installation in the Boulder power plant, Boulder Canyon project, Arizona - California - Nevada. Specifications No. 680.

BIDS OPENED

EUREKA, Humboldt County, Cal.—Charles Burnside, 1259 Allen Avenue, Glendale, at $2.38 per hour submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of three 3-yard dump trucks for approximately 500 hours each, to be used in Dist. I.

Complete bids follow:

Chas. Burnside Glendale	$2.38
Paul Eentremont, Colusa	2.43
Daniel Gallagher, San Francisco	2.43
Paul O. Nelson, Redwood City	2.43
T. O'Brien, San Francisco	2.43
Ashurst Bros. and W. Sinclair, Hopland	2.43
Chas. W. Beguhl, Millbrae	3.00
Alexander Bros., Oakland	3.21

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Charles Burnside, 1259 Allen Way, Glendale, at $2.32 per hour submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of two 3-yd. dump trucks for approximately 800 hours each.

Complete bids follow:

Chas. Burnside, Glendale	$2.32
Portola Truck Service, S. F.	2.33
Daniel Gallagher, S. F.	2.43
J. Starkenburg, L. A.	2.43
William Kern, Weott	2.43
Ashurst Bros. and W. E. Sinclair, Hopland	2.43
John M. Vance, Eureka	2.43
Circle Truck Co., Los Angeles	2.50
A. E. Garcia, Jr., Irvington	2.50
Chas. T. Leahy, San Francisco	3.00
Chas. W. Beguhl, Millbrae	3.00

BIDS OPENED

HUMBOLDT and Trinity Counties, Cal.—H. L. Daggett, P. O. Box 113, Fortuna, at $5.25 per hour, submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of one ⅓- or ⅜-c.y. power shovel for approximately 640 hours, to be used in Humboldt and Trinity Counties.

The other bids were:

Shanmac Co., San Francisco, $5.45.
Robinson & Rulofson, Healdsburg, $6.

BIDS OPENED

EUREKA, Humboldt Co., Cal.—Portola Truck Service, 347 Holyoke St., San Francisco, at $2.33 per hour submitted low bid to Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of two 3-yard dump trucks for approximately 640 hours each.

Complete bids follow:

Portola Truck Service, S. F.	$2.33
Chas. Burnside, Glendale	2.40
Ashurst Bros., and W. E. Sinclair, Hopland	2.43
Daniel Gallagher, San Francisco	2.43
William Kern, Weott	2.43
J. Starkenburg, Los Angeles	2.43
Circle Truck Co., Los Angeles	2.50
A. E. Garcia, Jr., Irvington	2.50
Dewar's Express, Eureka	2.69
Chas. W. Beguhl, Millbrae	3.00
Chas. T. Leahy, San Francisco	3.00

BIDS OPENED

HUMBOLDT and Trinity Counties, Cal.—Shanmac Co., 255 10th St., San Francisco, at $5.45 per hour submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of one ⅓- or ⅜-c.y. power shovel for approximately 500 hours, to be used in Humboldt and Trinity Counties.

H. L. Daggett, Fortuna, at $5.50 per hour submitted the only other bid.

BIDS OPENED

HUMBOLDT and Trinity Counties, Cal.—H. L. Daggett, P. O. Box 113, Fortuna, at $5.25 per hour submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of one ⅓- or ⅜-c.y. power shovel for approximately 640 hours, to be used in Humboldt and Trinity Counties.

The other bids were:

Shanmac Co., San Francisco, $5.45
Robinson & Rulofson, Healdsburg, $6.

BIDS OPENED

HUMBOLDT and Trinity Counties, Cal.—Shanmac Co., 255 10th St., San Francisco,. at $5.45 per hour submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of one ⅓ or ⅜-c.y. power shovel for approximately 500 hours, to be used in Humboldt and Trinity Counties.

H. L. Daggett, Fortuna, at $5.50 per hour submitted the only other bid.

CONTRACT AWARDED

BOULDER CITY, Nevada—S. Morgan Smith Co., York, Pa., at $36,000 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 687, for furnishing five 30-inch sphere valves for installation in the station service penstock at the Boulder power plant.

29—STREETS AND HIGHWAYS

BIDS WANTED

MONO COUNTY, Cal.—Until Aug. 4, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for 6.823 miles bituminous treatment (light surface application) on Section A of Route 81, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County.

The work involves 270 tons liquid asphalt road material, Type SC-2.

Plans and specifications obatainable from the above office upon deposit of $10.

BIDS OPENED

MARICOPA COUNTY, Ariz. — Arizona Sand & Rock Co., P. O. Box 1522 Phoenix, at $40,831.82 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Phoenix - Tempe Highway, WPMH 30; AFE 8071. The work, which lies on E Van Buren St., Phoenix, and extends from 16th to 24th Sts., consists of widening existing pavement with Portland cement concrete and resurfacing the existing pavement with Portland cement concrete and resurfacing existing pavement with asphaltic concrete, and is to be completed on or before Nov. 15, 1936.

The principal items are:

10,400 sq. yds. grading under pave.;
74 tons asph. concrete base course
2,350 tons asph. concrete top course;
925 tons asph. surface finish;
10,200 sq. yds. concrete pavement;
2,700 l.f. filling racks;
150 sq. ft. burning pave. humps;
2 monument covers;
26 re - setting manhole covers to grade.

The other bids were:

W. E. Hall & Co., Phoenix, $40,963.78.
Daley Corp., San Diego, $42,816.22.
Phoenix - Tempe Stone Co., Phoenix, $44,539.60.

BIDS WANTED

SHASTA COUNTY—Until August 13, 2 p. m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for 4.849 miles grading and placing subgrade reinforcement with bituminous treatment (light surface application) on Section I of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta Co.

(1) 22 a. clearing.
(2) 87 a. cleanup clearing.
(3) 3,300 c. y. unclassified excavation.
(4) 71,500 c. y. do. for borrow.
(5) 200 c. y. do. for structures.
(6) 600 sta. yds. overhaul.
(7) 20,500 c. y. mi. borrow haul.
(8) 1,900 M gals. watering.
(9) 12,650 c. y. subgrade reinforcement.
(10) 350 c. y. cover material.
(11) 110 tons liquid asphaltic road material, Type SC-2.
(12) 56 tons do., type SC-4.
(13) 240 tons emulsified asphalt.
(14) 1.25 mi. mixing emulsified asphalt treated material.
(15) 452 l.f.C.M.P.
(16) 17 c. y. concrete.
(17) 330 lbs. reinforcing steel.
(18) 18 each, culvert markers.
(19) 12 each, right of way monuments.

Plans and specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

ALAMEDA, Alameda Co., Calif.—Heafey-Moore Co., 344 High St., Oakland, at $24,211.60 awarded contract by the Alameda City Council for the improvement of Maitland Drive, consisting of resurfacing present pavement and other incidental work.

BIDS REJECTED

KLAMATH COUNTY, Oregon—Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, has rejected all bids received for grading about 2.753 miles of Crater Lake National Park Rim Road Project. The work will be readvertised.

Low bid was submitted by Dunn & Baker, Klamath Falls, at $252,187.70.

CONTRACT AWARDED

YAMHILL COUNTY, Oregon—C. H. Leonard, Albany , at $66,692 (multiplate pipe) awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, for 3.06 miles grading and surfacing on the Grub College-Amity-Dayton Secondary Highway, Yamhill County.

Bids were opened June 26 and held under advisement.

BIDS WANTED

KLAMATH COUNTY, Oregon—Until August 5, 10 A. M., bids will be received by the Bureau of Public Roads, 316 New Post Office Bldg., W. H. Lynch, District Engineer, Portland, for approximately 2.004 miles grading on the Crater Lake National Park Rim Road, Klamath County.

The principal items of work involved are:

(1) 18 acres clearing;
(2) 14 acres grubbing;
(3) 146,400 cu. yds. unclassified excavation;
(4) 73,000 sta. yds. overhaul;
(5) 2.004 mile finishing earth graded road;
(6) 14 acres roadside cleaup;
(7) 7300 lin. ft. rounding cut slopes;
(8) 3300 cu. yds. masonry wall and headwall;
(9) 1100 lin. ft. culverts (Alternate);
(10) 50,000 cu yds. mi. overhaul;
(11) 13,000 cu. yds. handlaid rock embankment, Type 2;
(12) 300 cu. yds. masonry guard rail, Type 2;
(13) Lump sum, extra and miscellaneous force account work.

Plans and specifications obtainabale from the above office upon deposit of $10.

BIDS WANTED

LOS ANGELES, Cal.—Until August 5, 10 A. M., bids will be received by the Los Angeles Board of Public Works, 153 City Hall, for construction of a retaining wall and appurtenant street work in Aliso St., between Lyon St. and 639 ft. east of the center line of Alameda St. and in Lyon St., from 260 ft. north of Aliso St. to

Aliso St. PWA Project No. 4361, Unit D.

PLANS AND SPECIFICATIONS BEING COMPLETED

VALLEJO, Solano Co., Cal.—Plans and specifications for the second unit of Vallejo's street repaving project are being completed by City Engineer T. D. Kilkenny, and will be presented to the City Council shortly for approval. Total cost of the work is estimated at $255,507 and will cover approximately 4.3 miles of city streets.

The city will apply to the PWA for additional funds.

BIDS WANTED

TEHAMA COUNTY, Cal.—Until July 30, 2 P. M., as previously reported, bids will be received by the Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 3.8 miles surfacing with untreated crushed gravel or stone surfacing in Tehama County, between Route 86 and Morgan Springs.

The work involves:

(1) 200 M. gallons water;
(2) 6,600 c.y. untreated crushed gravel or stone surfacing.

Plans and specifications obtainable from the above office and on file at the office of DAILY PACIFIC BUILDER. *

BIDS WANTED

SISKIYOU CO., Cal.—Until August 7, 2 P. M., bids will be received by the Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 5.3 miles surfacing with road-mix surfacing in Siskiyou County between one-fourth mile east of McCloud and Squaw Summit.

Plans and specifications obtainable from the above office. *

TO ASK BIDS

WATSONVILLE, Monterey Co., Cal.—Plans and specifications for the repaving of East Lake Ave. from Main to Madison Streets have been approved by the State Division of Highways and a call for bids authorized. Sidewalks on both sides of the street will be moved back two feet providing a 44-ft. roadbed, the central 30-ft. strip of which will be of asphalt base. Estimated cost, $23,000.

Work will be financed by the city's share of State gasoline tax funds.

Bert Kitchen, city engineer.

BIDS REJECTED

BUTTE CO., Calif.—Butte County Board of Supervisors rejected all bids received for furnishing approximately 5,000 tons of crushed rock for the fiscal year and instructed Purchasing Agent Frank L. Bratton to purchase the material on the open market.

PLANNED

SAN JOSE, Santa Clara Co., Cal.—Plans and specifications for the resurfacing of San Carlos Street between Market St. and Josefa St. have been completed by City Engineer William Popp and presented to the city council for approval. Estimated cost, approximately $15,000.

The work will involve 127,500 sq. ft. of paving, 2- to 2½-in. thick.

Work will be financed by the city's share of State gasoline tax funds and plans must be submitted to the State Division of Highways for final approval.

CONTRACT AWARDED

MONO COUNTY, Cal.—Basich Bros. 20550 Normandie Ave., Torrance, at $12,167.50 awarded contract by State Highway Commission, Sacramento for about 1.8 miles grading and surfacing with road-mix surface treatment at grade crossings near Chalfant, Hammill, and 2½ miles south of Benton, Mono County.

LOS ANGELES CO.—2 mi. GRADE & SURFACE—(State)

LOS ANGELES COUNTY, Cal.—R. E. Campbell, 108 W. 6th St., Los Angeles, at $141,286.75, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with imported selected material and applying Class B seal coat on about two miles of Twenty-fifth St., bet. Palos Verdes Coast Highway and Patton Ave., Los Angeles County.

The work involves:

(1) 108 sta. clearing and grubbing right of way;
(2) 1,600 M. gals. water;
(3) 84,000 c.y. rdwy. excav., unclass.
(4) 900 c.y. struc. excav.;
(5) 900 c.y. ditch excav.;
(6) 81,000 sta. yds. overhaul;
(7) 14,450 tons imported selected material;
(8) 108 sta. finishing rdwy.;
(9) 610 tons screenings (seal coat);
(10) 51 tons liquid asphalt 90-95 (do);
(11) 21 c.y. Class A Portland cement concrete;
(12) 625 lbs. bar reinf. steel;
(13) 290 l.f. 8-in. CMP;
(14) 32 l.f. 12-in. CMP;
(15) 350 l.f. 18-in. CMP;
(16) 820 l.f. 24-in. CMP;
(17) 150 l.f. 30-in. CMP;
(18) 68 l.f. 36-in. CMP;
(19) 138 l.f. 42-in. CMP;
(20) 120 l.f. existing CMP culverts removed, cleaned and salvaged;
(21) 150 l.f. cleaning existing CMP culverts;
(22) 5 each, spillway assemblies;
(23) 1,010 l.f. laminated guard railing;
(24) 40 each, culvert markers;
(25) 80 each, guide posts.
(26) 50 tons liquid asph. SC-2 (prime coat).

Total bids follow:

(A) R. E. Campbell, Los Angeles, $141,286.75.
(B) C. R. Butterfield, San Pedro, $156-951.50.
(C) Dimmitt & Taylor, Los Angeles, $159,642.50.
(D) C. O. Sparks & Mundo Engr. Co., Los Angeles, $160,537.75.
(E) Southern Calif. Roads Co., Los Angeles, $161,721.50.
(F) Oswald Bros., Los Angeles, $171,-708.55.
(G) Sully - Miller Contracting Co., Long Beach, $184,503.60.
(H) United Concrete Pipe Corp., Los Angeles, $205,705.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$10.00	$50.00	$20.00	$10.00	$30.00	$10.00	$10.00	$33.50
(2)	1.50	1.50	1.75	1.00	3.50	2.50	2.50	3.40
(3)	1.50	1.40	1.40	1.50	1.00	1.50	1.72	1.12
(4)	2.00	2.00	1.50	1.50	3.00	2.50	2.00	3.30
(5)	2.00	1.50	1.50	1.00	3.00	1.50	2.00	2.50
(6)	.01	.02	.02	.01	.02	.005	.01	.03
(7)	1.50	.98	1.40	1.25	3.00	1.70	1.35	4.20
(8)	10.00	10.00	15.00	5.00	20.00	15.00	10.00	33.50
(9)	1.75	3.00	3.00	3.00	4.00	2.75	2.50	7.50
(10)	20.00	20.00	18.00	16.00	25.00	17.00	16.50	68.20
(11)	20.00	40.00	30.00	70.00	50.00	35.00	75.00	68.00
(12)	.05	.10	.10	.10	.10	.05	.10	.16
(13)	1.00	1.00	1.10	1.00	1.50	1.10	1.00	2.75
(14)	1.50	1.50	1.40	1.25	2.00	1.40	1.30	3.20
(15)	2.00	2.00	2.00	2.00	3.00	1.90	1.75	4.50
(16)	3.00	2.75	3.00	2.50	5.00	2.75	2.50	6.80
(17)	3.50	3.20	3.70	3.00	6.00	3.25	3.25	8.75
(18)	4.50	5.00	5.70	5.00	9.00	5.00	5.00	13.85
(19)	5.50	6.25	6.70	6.50	11.00	6.00	6.00	16.20
(20)	2.00	1.50	.50	1.50	1.00	1.00	1.00	3.37
(21)	1.50	1.00	.50	1.00	1.50	.75	1.00	1.70
(22)	12.00	18.00	17.00	20.00	25.00	15.00	15.00	40.00
(23)	1.00	1.25	1.10	1.00	1.50	1.10	1.25	3.30
(24)	1.50	3.50	2.50	3.00	3.00	2.25	3.00	6.75
(25)	1.50	3.00	2.50	3.00	3.00	2.25	3.00	6.75
(26)	10.00	15.00	9.00	10.00	10.00	10.00	7.50	70.00

LOS ANGELES COUNTY—1 mi. GRADE & PAVE—State

LOS ANGELES COUNTY, Cal.—J. E. Haddock, Ltd., 357 N. Chester St., Pasadena, at $53,834.50 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about 1 mile on Rosemead Blvd., between Longden Ave. and Fairview Ave. in Los Angeles County.

The work involves:

(1) 55 sta. clear and grub right of way;
(2) 330 M. gals. water;
(3) 300 c.y. remove exist. concrete;
(4) 20,000 c.y. rdwy. excav., unclass.
(5) 900 c.y. struc. excav;
(6) 40 c.y. ditch and channel excav;
(7) 12,500 sq. yds. preparing subgrade
(8) 55 sta. finishing rdwy.;
(9) 1,500 tons mineral agg. (plant-mixed surf.);
(10) 80 tons liquid asphalt MC-4 or MC-5 (do);
(11) 10 tons liquid asph. MC-2 (prime coat);
(12) 23,000 sq. yds. preparing, mixing and shaping shoulders;
(13) 24 tons liquid asph. SC-2 (shoulders—prime coat);
(14) 280 tons do (shoulders);
(15) 2,410 c.y. Class A Portland cement concrete pavement;
(16) 1 temporary pavement crossing device, type B 20;
(17) 4 do, type C 20;
(18) 3,300 each pavement dowels;
(19) 22,000 lbs. bar reinf. steel (pave. and struc.);
(20) 230 c.y. Class A Portland cement concrete (struc.);
(21) 1,700 lbs. steel rail assemblies;
(22) 12,100 lbs. misc. iron and steel;
(23) 20 l.f. 12-in. plain concrete pipe,
(24) 18 l.f. 15-in. do;
(25) 1,100 c.y. Class A Portland cement concrete (curbs, gutters & sidewalks);
(26) 600 l.f. curb armor.

Total bids follow:

(A) J. E. Haddock, Ltd., Pasadena, $53,834.50.
(B) Matich Bros., Elsinore, $53,903.60.
(C) Griffith Co., Los Angeles, $54,-328.90.
(D) C. O. Sparks & Mundo Engr. Co., Los Angeles, $55,407.00.
(E) George R. Curtis Paving Co., Los Angeles, $65,753.10.
(F) Oswald Bros., Los Angeles, $60,-294.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 11.50	$ 17.00	$ 10.00	$15.00	$ 16.80	$ 20.00
(2)	1.25	1.20	1.75	1.50	1.80	1.85
(3)	2.50	1.50	1.00	2.00	1.00	2.20
(4)	.39	.20	.30	.35	.45	.48
(5)	1.25	.85	1.25	1.00	1.00	1.15
(6)	1.00	.85	1.25	1.00	1.00	1.15
(7)	.09	.12	.10	.10	.09	.11
(8)	5.00	8.00	5.00	5.00	5.00	4.50
(9)	2.50	2.00	2.35	3.00	2.20	2.75
(10)	11.50	14.00	13.00	14.00	11.40	13.50
(11)	19.80	15.00	8.00	20.00	20.00	19.50
(12)	.07	.06	.05	.05	.05	.04
(13)	14.50	10.00	9.25	12.00	12.00	13.25
(14)	7.70	8.50	9.25	10.00	7.68	7.50
(15)	6.00	6.30	6.64	5.80	6.50	6.90
(16)	150.00	275.00	225.00	50.00	150.00	300.00
(17)	50.00	125.00	120.00	65.00	120.00	200.00
(18)	.11	.12	.15	.15	.12	.11
(19)	.055	.05	.07	.05	.056	.06
(20)	22.50	18.00	18.00	15.00	17.00	18.00
(21)	.05	.10	.05	.10	.05	.055
(22)	.125	.14	.14	.15	.14	.14
(23)	1.00	1.50	.75	1.50	.85	.75
(24)	1.50	1.70	1.00	2.00	1.15	1.00
(25)	8.00	10.00	9.50	11.00	10.15	10.00
(26)	.75	1.00	.75	.80	.90	.85

CHURCHILL CO., Nev.—9.405 Mi. SURFACING—STATE

CHURCHILL COUNTY, Nevada.—Dodge Construction, Inc., Fallon, at $149,160.05, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State highway system in Churchill County, between a point approximately 6 miles east of Fallon and Stillwater, a length of approximately 9.405 miles.

The work involves:
(1) 18,329 l.f. remove fence;
(2) 20 l.f. remove culvert pipe;
(3) 15 ea. remove culverts (wooden)
(4) Lump sum, remove bridges;
(5) 16,960 c.y. roadway excavation;
(6) 2,560 sta. yds. overhaul;
(7) 122,000 c.y. select borrow;
(8) 2,290 c.y. structure excavation;
(9) 9.37 miles subgrade;
(10) 9.41 miles finish roadway;
(11) 30,470 tons crush. gravel or stone surface;
(12) 622 c.y. Class A concrete;
(13) 58 c.y. Class B concrete;
(14) 151 c.y. Class D concrete;
(15) 165 l.f. concrete rail;
(16) 94,820 lbs. reinforcing steel;
(17) 1,721 lbs. structural steel;
(18) 53.5 MFBM redwood lumber;
(19) 626 l.f. 12-in. corru. metal pipe (dipped);
(20) 134 l.f. 15-in. do;
(21) 496 l.f. 18-in. do;
(22) 284 l.f. 24-in. do;
(23) 26 l.f. 30-in. do;
(24) 20 l.f. relay culvert pipe;
(25) 116 each, monuments;
(26) 17,251 l.f. reconstruct fence;
(27) Lump sum, irrigation structures;
(28) move building;
(29) move mail boxes;
(30) 4,482 M. gals. water.

Total bids follow:
(A) Dodge Construction, Inc., Fallon, $149,160.05.
(B) Isbell Const. Co., Reno, $154,701.06
(C) Pacific Const. Co., San Francisco, $162,547.96.
(D) George Pollock Co., Sacramento, $170,420.20.
(E) Engineer's estimate, $154,569.34.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .03	$ .03	$ .03	$ .15	$ .03
(2)	1.00	1.00	.50	.75	.50
(3)	10.00	50.00	10.00	10.00	5.00
(4)	1000.00	2000.00	1500.00	750.00	1500.00
(5)	.30	.70	.50	.45	.50
(6)	.05	.02	.03	.05	.02
(7)	.42	.38	.55	.53	.55
(8)	2.00	3.50	1.30	1.50	1.00
(9)	100.00	100.00	200.00	300.00	100.00
(10)	100.00	100.00	200.00	300.00	100.00
(11)	1.15	1.00	.90	.95	.75
(12)	30.00	35.00	29.00	35.00	29.00
(13)	30.00	35.00	30.00	30.00	30.00
(14)	33.00	37.00	32.00	35.00	32.00
(15)	5.00	3.50	4.00	10.00	4.00
(16)	.07	.06	.06	.06	.05
(17)	.20	.12	.07	.10	.07
(18)	120.00	108.00	125.00	120.00	120.00
(19)	1.50	1.40	1.50	1.75	1.50
(20)	1.75	1.50	2.00	2.00	1.75
(21)	2.00	1.80	2.25	2.50	2.25
(22)	3.00	2.75	3.00	3.00	2.75
(23)	3.50	3.75	4.00	4.00	3.50
(24)	1.00	.75	.50	1.00	.50
(25)	3.00	3.50	3.00	4.00	3.00
(26)	.08	.07	.12	.15	.10
(27)	280.00	700.00	100.00	250.00	100.00
(28)	100.00	200.00	100.00	100.00	100.00
(29)	5.00	3.00	2.00	1.00	2.00
(30)	1.00	1.25	1.50	1.45	1.50

NOTICE TO BIDDERS

SAN BERNARDINO COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in San Bernardino County between Mountain Pass and the Nevada State Line, for which bids are to be received in Los Angeles on August 6.

Said representative will meet prospective bidders at Mountain Pass Service Station at the west end of proposed project on Wednesday, July 29, at 11 A. M.

Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

TULARE COUNTY, Cal.—A representative of the district office will accompany prospective bidders over the proposed project in Tulare County between ¼ mile south of Strathmore and Valencia Street in Lindsay and between Eastwood Avenue in Lindsay and Cairns Corner, for which bids are to be received in Sacramento Aug. 5.

Said representative will meet prospective bidders in Lindsay at Hotel Mt. Whitney on Friday, July 31, at 10 A. M.

Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above date.

BIDS WANTED

COLUSA COUNTY, Calif. — Until August 12, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.7 miles roadbed widening and surfacing with gravel surfacing in Colusa Co. between Williams and 2.7 miles easterly.

The work involves:
(1) 310 M. gallons water;
(2) 3,000 c.y. imported borrow;
(3) 10,000 c.y. gravel surf.;
(4) 25 tons liquid asphalt SC-2(prime coat);
(5) 38 tons do 90-95 (seal coat);
(6) 50 tons sand (prime coat);
(7) 450 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville. *

BIDS WANTED

BUTTE COUNTY, Calif. — Until August 12, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.1 miles surfacing with gravel and applying seal coat in Butte County between Sacramento River and Chico.

The work involves:
(1) 500 M. gals. water;
(2) 7,500 c.y. imported borrow;
(3) 11,000 c.y. gravel surf.;
(4) 26 tons liquid asphalt SC-2 (prime coat);
(5) 40 tons do 90-95 (seal coat);
(6) 38 tons sand (prime coat);
(7) 480 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville. *

BIDS WANTED

TULARE COUNTY, Calif. — Until August 12, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for constructing crusher run base borders, applying bituminous seal coat to roadbed, and applying road-mix surface treatment to shoulders, on about 8.1 miles in Tulare County between Route 134 and Visalia.

The work involves:
(1) 8,100 tons crusher run base (borders);
(2) 30 tons liquid asphalt SC-2 (prime coat);
(3) 100 tons liquid asphalt 90-95 (seal coat);
(4) 1,200 tons screenings (do);
(5) 175 tons liquid asph. SC-2 (shoulders);
(6) 29,000 sq. yds. preparing, mixing and shaping shoulders;
(7) 125 M. gals. water.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno.

LOW BIDDER

SISKIYOU COUNTY — Hayward Bldg. Material Co., Atherton & Jackson Sts., Hayward, at $5,139 submitted low bid to the Division of Highways, F. W. Haselwood, District Engineer, Redding, for treating about 12.5 miles with Class "C" seal coat, in Siskiyou County between Grizzly Peak and ½ mile east of McCloud.

Complete bids will be published shortly.

BIDS WANTED

NEVADA COUNTY, Calif. — Until August 12, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.9 miles surfacing with plant-mixed surfacing in Nevada Co. between Grass Valley and Nevada City.

The work involves:

(1) 5,400 tons mineral agg. (plant-mix surf.);
(2) 245 tons liquid asphalt ROMC-4 (plant-mix surf.);
(3) 30 tons liquid asphalt MC-3 (seal coat);
(4) 275 tons sand (seal coat);
(5) 35,000 sq. yds. asph. paint binder.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until August 12, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for applying road-mix surface treatment and seal coat on about 7.3 miles in Monterey County between Seaside Road and Salinas River.

The work involves:

(1) 2,250 tons mineral aggregate;
(2) 370 tons liquid asphalt ROMC-3 (road-mix);
(3) 89,900 sq. yds. preparing, mixing and shaping roadbed;
(4) 93 tons liquid asphalt ROMC-4 or -5 (seal coat);
(5) 1,130 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

BIDS WANTED

MONO COUNTY, Calif. — Until August 12, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for applying seal coat on about 46.7 miles in Mono County between Convict Creek and Antelope Valley.

The work involves:

(1) 220 tons liquid asphalt MC-3 (Unit 1);
(2) 78 tons do (Unit 2);
(3) 125 tons do (Unit 3);
(4) 1,500 c.y. sand (Unit 1);
(5) 580 c.y. sand (Unit 2);
(6) 815 c.y. sand (Unit 3).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Bishop. *

BIDS WANTED

INYO COUNTY, Calif. — Until August 12, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for portions of about 18.6 miles to be surfaced with plant-mixed surfacing and penetration oil treatment to be applied to shoulders in Inyo County between 1.2 miles north of Lone Pine and Big Pine.

The work involves:

(1) 174 M. gals. water;
(2) 3,000 c.y. imported borrow;
(3) 11,210 tons mineral agg. (plant-mix surf.);
(4) 95 tons asphaltic emulsion;
(5) 595 tons liquid asph. SC-4 (plant-mix surf.);
(6) 150 tons liquid asphalt MC-3 (seal coat);
(7) 1,330 tons screenings (seal coat);
(8) 265 tons liquid asph SC-2 (shoulders).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Bishop. *

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until July 27, 10 A. M., as previously reported, bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for two miles of asphaltic concrete resurfacing on Fair Oaks Blvd. south of Manzanita Avenue.

The work involves:

(1) 20,440 lin. ft. header boards, in place;
(2) 3900 tons asphaltic concrete, in place.

Plans and specifications obtainable from the office of County Engineer John J. Rooney upon deposit of $10.

BIDS WANTED

SACRAMENTO COUNTY, Cal. — Until July 27, 10 A. M., as previously reported, bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for approximately 3.7 miles armor topping on the Florin-Perkins Road, beginning at Jackson Highway and extending southerly to Florin.

The work involves:

(1) 6300 sq. yds. shoulder work, including scarifying, rolling, watering, etc.;
(2) 665 tons cementing road rock in place in shoulder;
(3) 3150 gals. SC-1A asphaltic road oil, in place in shoulder;
(4) 1300 tons crushed rock, in place in armor top;
(5) 868 tons screenings, in place, in armor top;
(6) 160 tons 95 plus liquid ashpalt in place, in armor top.

Plans and specifications obtainable from the office of County Engineer John J. Rooney, upon deposit of $10.

BIDS REJECTED

KINGS COUNTY, Cal.—State Highway Commission, Sacramento, has rejected all bids received June 24 for constructing borders of crusher-run base, surfacing roadbed with plant-mixed surfacing and applying road-mix surface treatment to shoulders on about 7.1 miles in Kings County between Route 10 and Hub, and between Corcoran and one mile east.

Low bid was submitted by L. P. Piazza, 296 N. Sixth St., San Jose, at $30,540.60.

The work will be readvertised.

CONTRACT AWARDED

BUTTE COUNTY—A. Teichert & Son, Inc., 1846 37th Ave., P. O. Box 1113, Sacramento, at $97,736.70 awarded contract by the State Highway Commission, Sacramento, for widening portions of the existing roadbed and constructing borders consisting of crusher run base on pit run gravel base and salvaged surfacing; grading a line change and constructing plant-mixed surfacing (medium curing type) on crusher run base and pit run gravel base, on about 18 miles in Butte County between Biggs Road and Chico.

GILA CO., ARIZ.—8.164 Mi. SUBGRADE REINF.—GOVT.

GILA COUNTY, Ariz.—All-Arizona Engr. & Const. Co., Clifton, at $44,359.35 (granite alternate) as previously reported, submitted low bid to the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for grading on Section D and placing subgrade reinforcement on Sections B, C and D of Route 11, the Payson-Colcord Mt. National Forest Highway, Tonto National Forest, Gila County.

Length of the project is 8.164 miles.

The work involves:

(1) 4 acres clearing;
(2) 9,700 c.y. unclassified excavation;
(3) 362 c.y. do for structures;
(4) 800 sta. yds. overhaul;
(5) 15,000 c.y. disintegrated granite subgrade reinforcement;
(5a) 15,000 tons crushed gravel subgrade reinforcement;
(6) 1,610 l.f. Type 1 protection ditch;
(7) 0.71 MFBM untreated timber;
(8) 63 c.y. Class A concrete;
(9) 35 c.y. Class D concrete;
(10) 11,000 lbs. reinforcing steel;
(11) 205 c.y. masonry;
(12) 134 l.f. 18-in. CMP;
(13) 44 l.f. 24-in. CMP;
(14) 66 l.f. 36-in. CMP;
(15) one cattle guard in place;
(16) 275 l.f. remove existing fence;
(17) 400 l.f. fence;
(18) 8 each, right of way monuments;
(19) Extra work, water gate.

Total bids follow:

(A) All-Arizona Engr. & Const. Co., Clifton, $44,359.35; Alt. (gravel) $51,859.35.
(B) Ken Hodgman, Flagstaff, $49,320.75; Alt., $46,320.75.
(C) Pearson & Dickerson, Prescott $51,166; Alt., no bid.
(D) Bennett & Taylor, Los Angeles: $62,977; Alt., $53,977.
(E) H. J. Hagen, Globe: $69,084.50, Alt., $84,084.50.
(F) Engineer's estimate: $44,087.75, Alt., $44,087.75.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$200.00	$250.00	$200.00	$225.00	$250.00	$200.00
(2)	.80	.67	.80	.75	1.00	.60
(3)	1.50	2.00	2.75	2.50	3.00	2.00
(4)	.04	.04	.10	.05	.05	.04
(5)	1.75	2.04	2.10	2.95	3.00	1.80
(5a)	2.25	1.84	.....	2.35	4.00	1.80
(6)	.10	.15	.10	.10	.10	.10
(7)	200.00	200.00	100.00	150.00	100.00	100.00
(8)	28.00	36.00	30.00	32.50	40.00	32.50
(9)	30.00	35.00	30.00	32.50	40.00	37.50
(10)	.08	.07	.09	.08	.10	.07
(11)	16.00	20.00	20.00	18.00	25.00	18.00
(12)	2.60	2.75	3.00	2.00	3.00	2.25
(13)	3.80	3.75	3.50	3.00	4.00	3.00
(14)	6.00	6.00	6.00	6.00	6.00	6.00
(15)	600.00	600.00	600.00	600.00	700.00	650.00
(16)	.05	.05	.06	.06	.10	.03
(17)	.10	.12	.15	.10	.10	.10
(18)	4.00	3.50	5.00	4.00	5.00	4.00
(19)	100.00	100.00	100.00	100.00	100.00	100.00

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until July 28, 2 P. M., bids will be received by the Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Ave., Eureka, for about 0.7 mile surfacing with bituminous treated crushed gravel or stone in the city of Eureka, on Fourth St., bet. E and G Streets.

Plans and specifications obtainable from the above office.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until July 27, 10 A. M., as previously reported, bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for approximately 4.4 miles of armor topping on the Elk Grove-Sheldon Road, beginning at the east town limits of Elk Grove and extending easterly.

The work involves:

(1) 12,800 sq. yds. shoulder work, including scarifying, rolling, watering, etc.;
(2) 710 tons road rock, in place;
(3) 6400 gals. SC-1A asphaltic road oil, in place, on shoulder;
(4) 1530 tons crushed rock in place, in armor top;
(5) 1020 tons screenings, in place in armor top;
(6) 188 tons 95 plus liquid asphalt, in place in armor top.

Plans and specifications obtainable from the office of County Engineer J. J. Rooney upon deposit of $10.

BIDS WANTED

TEHAMA COUNTY, Cal. — Until July 30, 2 P. M., bids will be received by the Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 3.8 miles surfacing with untreated crushed gravel or stone surfacing in Tehama County between Route 86 and Morgan Springs.

Plans and specifications obtainable from the above office. 1

BIDS WANTED

INYO AND MONO COUNTIES, Cal.—Until July 28, 3 P. M., bids will be received by the Division of Highways, S. W. Lowden, District Engineer, for furnishing and applying liquid asphalt to existing roadbed on about 20.8 miles in Inyo and Mono Counties, between Deep Springs Valley and the Nevada State Line.

The work involves:

(1) 300 tons liquid asphalt, SC-2, in place.

Plans and specifications obtainable from the above office and on file at the office of the DAILY PACIFIC BUILDER.

CONTRACT AWARDED

KERN COUNTY, Cal.—John Jurkovich, 3530 Balch Ave., Fresno, at $36,096 awarded contract by State Highway Commission, Sacramento, for about 0.4 mile grading and surfacing with road-mix surfacing on crusher-run base and constructing timber bridges in Kern County between three and four miles northeast of Taft.

COMPLETE BID OPENING

LOS ANGELES COUNTY, Cal.—C. F. Robbins Const. Co., 915 Merritt Bldg., Los Angeles, at $74,940.30 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for grading and paving with portland cement concrete, asphalt concrete and bituminous macadam armor coat on selected material base, about 0.3 mile on Washington Blvd. between Spence St. and Downey Road in Los Angeles County.

The work involves:

(1) 17 sta. clear and grubb right of way;
(2) 180 M. gals. water;
(3) 41,250 c.y. rdwy. excav., unclass
(4) 15 c.y. struc. excav.;
(5) 700 sq. yds. subgrade for pave.;
(6) 17 sta. finishing rdwy.;
(7) 2,725 tons selected material;
(8) 685 tons broken stone (bituminous macadam armor coat);
(9) 46 tons liquid asphalt 90-95 (do);
(10) 10 tons liquid asph SC-1A (prime coat);
(11) 275 tons asphalt concrete;
(12) 615 c.y. Class A Portland cement concrete curbs, gutters, sidewalks, pavement and traffic separator);
(13) 5 c.y. Class A Portland cement concrete (struc.);
(14) 590 lbs. bar reinf. steel (pave. & struc.),
(15) 300 each pavement dowels;
(16) 2,100 lbs. misc. iron and steel;
(17) 5,333 lbs. steel rails;
(18) 8 l.f. 18-in standard reinf. conc. pipe;
(19) 100 c.y. existing concrete to be removed and disposed of;
(20) 1 only lighting system.

Total bids follow:

(A) C. F. Robbins and Atlas Const. Co., Los Angeles, $74,940.30.
(B) C. O. Sparks and Mundo Engr. Co., $76,407.65.
(C) Griffith Co., Los Angeles, $79,218.82.
(D) R. E. Campbell, Los Angeles, $79503.49.
(E) Oswald Bros., Los Angeles, $88,918.79.
(F) J. E. Haddock, Ltd., Pasadena, $102,370.22.

Unit bids will be given shortly.

COMPLETE BID OPENING

LOS ANGELES, Cal.—C. O. Sparks and Mundo Engr. Co., 2309 E Olympic Blvd., Los Angeles, at $110,330.50, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with plant-mixed surfacing about 2.2 miles between Calabasas School and Brent Junction in Los Angeles County.

The work involves:

(1) 117 sta. clear and grubb right of way;
(2) 3,100 M. gals. water;
(3) 90 c.y. removing exist. concrete;
(4) 174,000 c.y. rdwy. excav., unclass.
(5) 1,800 c.y. struc. excav.;
(6) 1,500 c.y. ditch and channel excavation;
(7) 1,000,000 sta yds. overhaul;
(8) 7 tons gravel backfill;
(9) 117 sta. finishing rdwy.;
(10) 10,700 tons mineral agg. (plant-mixed surf.);
(11) 570 tons liquid asphalt MC-4 or MC-5 (plant mix surf.);
(12) 60 tons liquid asph. MC-2 (prime coat);
(13) 17,000 lbs. bar reinf. steel;
(14) 170 c.y. Class A Portland cement concrete (struc.);
(15) 1,100 lbs. misc. iron and steel;
(16) 420 l.f. 8-in. CMP;
(17) 480 l.f. 18-in. CMP;
(18) 200 l.f. 24-in. CMP;
(19) 230 l.f. 30-in. CMP;
(20) 130 l.f. 36-in. CMP;
(21) 80 l.f. 42-in. CMP;
(22) 24 l.f. 48-in. CMP;
(23) 170 l.f. 60-in. CMP;
(24) 170 l.f. removing and salvaging pipe culverts;
(25) 330 l.f. 75-in. multiplate CMP 55;
(26) 34 each spillway assemblies;
(27) 38 each culvert markers;
(28) 200 each guide posts;
(29) 4.18 miles new property fence;
(30) 12 each drive gates;
(31) 0.24 mile hog tight property fence
(32) 900 l.f. bank protection fence;
(33) 30 each monuments.

Total bids follow:

(A) C. O. Sparks and Mundo Engr. Co., Los Angeles, $110,330.50.
(B) C. F. Robbins, Los Angeles, $115253.50.
(C) Geo. J. Bock Co., Los Angeles, $115,631.00.
(D) J. E. Haddock, Ltd., Pasadena, $120,085.00.
(E) Griffith Co., Los Angeles, $121,110.
(F) Gibbons & Reed Co., Burbank, $121,842.80.
(G) C. G. Willis & Sons, Los Angeles, $133,310.50.
(H) Oswald Bros., Los Angeles, $138852.00.

Unit bids will be given shortly.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Jones & King, Jackson St., Hayward, at $37,425.60 awarded contract by the State Highway Commission, Sacramento, for about six miles of plant-mixed surfacing in Alameda County between 1.9 mile north of Irvington and Alvarado.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—R. E. Hazard & Sons, P. O. Box, 1438, San Diego, at $86,213.50 awarded contract by the State Highway Commission, Sacramento, for about 3.6 miles grading and surfacing with plant-mixed surfacing in San Diego County, between Lake Hodges and Escondido.

BIDS WANTED

SAN FRANCISCO. — Department of Public Works, S. J. Hester, Chief Deputy Director, plans to improve (expediency) Rickard Street between Barneveld Ave. and San Bruno Ave., where not improved and of the southerly intersection of Barneveld Avenue and Rickard Street. Est. cost, $1,500; Spec. No. 18,795.

The work involves:

(1) Grading (excavation);
(2) Brick catchbasin;
(3) 10-in. VCP culvert, in place;
(4) Armored concrete curb;
(5) Two-course concrete sidewalk;
(6) Asphalt - concrete pavement, consisting of 2-in. asphalt - concrete wearing surface on 6-in. Class F concrete base.

Specifications obtainable from office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of $10.

COMPLETE BID LISTING

MODOC and Siskiyou Cos., Calif.—Lee J. Immel, 1031 Evelyn Ave., Berkeley, at $7,536, as previously reported, submitted low bid to the Division of Highways, F. W. Haselwood, District Engineer, Redding, for applying penetration oil treatment on about 5.2 miles between 1.7 miles southeast of Tule Lake and the Oregon State Line in Modoc and Siskiyou Counties.

The work involves:

(1) 265 M. gals. water, in place;
(2) 5.3 miles preparing and shaping roadbed;
(3) 318 c.y. sand, in place;
(4) 125 tons liquid asphalt SC-2, in place;
(5) 65 tons do. SC-4, in place.

Total bids follow:

(A) Lee J. Immel, Berkeley, $7,536.00.
(B) Dunn & Baker, Klamath Falls, Oregon, $7,935.00.
(C) Hayward Bldg. Material Co. Hayward, $8,911.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 2.00	$ 1.20	$ 3.00
(2)	280.00	300.00	400.00
(3)	4.00	4.00	5.00
(4)	21.00	24.00	22.30
(5)	25.00	27.00	24.90

BIDS WANTED

MODOC COUNTY, Cal.—Until Aug. 4, 2 P. M., bids will be received by the Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 7.1 mil. surfacing with road mix surfacing in Modoc County, between Thoms creek and 2.5 miles west of Cedarville.

Plans and specifications obtainable from the above office.

BIDS OPENED

BURLINGAME, San Mateo Co., Cal. —Union Paving Co., Call Bldg., San Francisco, at $16,931.95 submitted low bid to the Burlingame City Council, for improving and re-surfacing El Camino Real from Broadway southerly to Edgehill Drive, a distance of 1825 lineal feet.

The work involves:

(1) Asphaltic concrete:
(a) 1,092 tons, leveling course;
(b) 915 tons, Type A wearing surf.;
(c) 50 tons, Type A gutters;
(2) Portland cement concrete, Class "A":
(a) 140 c.y. curbs and gutters, east side;
(b) 37 c.y. sidewalks & other curbs and bridge;
(c) 17 c.y. driveways;
(d) 16 c.y. concrete pavement base;
(3) 540 l.f. 12-in. T&G plain concrete pipe culvert;
(4) 85 l.f. 12-in. T&G reinf. do;
(5) 76 l.f. 12-in. cast iron pipe culvert;
(6) 50 l.f. 4-in. vit. clay pipe drains;
(7) 5 each standard catchbasins;
(8) One special catchbasin;
(9) 2 each rebuild catchbasins;
(10) 1,050 sq. ft. removing exist. base;
(11) 4,700 sq. ft. removing exist. surface;
(12) Lump sum, reinforcing a bridge structure, not including conc.;
(13) 100 c.y. earth fill (borrow).

Complete bids follow:

(A) Union Paving Co., San Francisco, $16,931.95.
(B) Charles L. Harney, San Francisco, $16,946.50.
(C) Hanrahan Co., San Francisco, $25,496.75.

	(A)	(B)	(C)
(1a)	$ 4.85	$ 5.00	$ 7.50
(b)	5.25	5.25	7.95
(c)	6.00	6:00	7.50
(2a)	16.50	20.00	26.00
(b)	16.00	16.00	37.00
(c)	14.00	13.00	24.00
(d)	12.00	13.00	16.00
(3)	2.25	1.50	2.50
(4)	2.50	2.25	4.00
(5)	2.50	3.25	6.00
(6)	.75	1.00	1.00
(7)	65.00	75.00	80.00
(8)	80.00	75.00	100.00
(9)	50.00	70.00	35.00
(10)	.10	.08	.17
(11)	.05	.035	.10
12)	500.00	300.00	400.00
(13)	2.00	1.25	1.70

Bids referred to City Engineer Cecil Longson. *

BIDS WANTED

HUMBOLDT and Trinity Counties, Cal.—Until August 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.7 mile grading and removing existing timber bridges in Humboldt and Trinity Counties between 3.15 and 5.25 miles east of Blue Lake and at Gray Creek.

The work involves:

(1) 3.5 acres clear and grub right of way;
(2) 27,800 c.y. rdwy. excav., unclassified;
(3) 4,800 sta. yds. overhaul;
(4) 300 c.y. imported borrow;
(5) 470 c.y. struc. excav.;
(6) 36 sta. finishing rdwy.;
(7) 272 l.f. 24-in. CMP;
(8) 234 l.f. 30-in. CMP;
(9) 246 l.f. 36-in. CMP;
(10) 96 l.f. existing CMP to be cleaned and relaid.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka. *

BIDS OPENED

TEHAMA COUNTY—A. Teichert & Son, Inc., 1846 37th Ave., P. O. Box 1113, Sacramento, at $156,780 submitted low bid to the State Highway Commission, Sacramento, for surfacing with crusher run base and plant-mixed surfacing (medium curing type) about 13.4 miles between Route 3 and 1.5 miles east of Dales, Tehama County.

The work involves:

(1) 2,150 M. gals. water;
(2) 750 c.y. rdwy. excav., unclass.;
(3) 21,000 c.y. selected material;
(4) 703 sta. finishing rdwy.;
(5) 45,600 tons crusher run base;
(6) 20,400 tons mineral agg. (plant-mixed surf.);
(7) 1,000 tons liquid asphalt MC-5 or MC - Extra Heavy (plant-mixed surf.);
(8) 235 tons liquid asph. MC-2 (prime coat);
(9) 110 tons asphalt emulsion 90-95 (seal coat);
(10) 1,000 tons screenings (seal coat).

Total bids follow:

(A) A. Teichert & Son, Inc. Sacramento $156,780.00
(B) Isbell Constr. Co., Reno 178,884.00
(C) Hemstreet & Bell, Marysville 186,320.00
(D) Hanrahan Co. San Francisco 199,853.00

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	2.00	1.50	1.50	3.30
(2)	.75	1.50	1.00	.80
(3)	.55	.73	.75	.80
(4)	5.00	8.00	10.00	9.00
(5)	1.50	1.65	1.70	1.92
(6)	1.75	2.30	2.30	2.26
(7)	20.50	20.00	22.50	23.50
(8)	26.50	22.00	25.00	25.00
(9)	27.50	23.00	25.00	25.00
(10)	3.00	3.50	3.00	3.25

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BIDS WANTED

SAN FRANCISCO—Until August 5, 2:30 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, under Specification No. 18,925, for the widening and reconstruction of Folsom Street between the Embarcadero and 10th Streets, a PWA project. Estimated cost, $111,-035.

Work consists of repaving and setting back the curbs, with an addition of a concrete strip of pavement adjacent to the curb line.

The work involves:

(1) 3800 cu. yds. Rock fill.
(2) 76000 sq. ft. Basalt Block Pavement Removed.
(3) 4000 sq. ft. Asphalt concrete pavement, consisting of a concrete base and an asphaltic wearing surface removed.
(4) 15000 sq. ft. Asphaltic concrete wearing surface removed.
(5) 12100 lin. ft. Curbs reset.
(6) 1800 sq. ft. Granite Curb redressed.
(7) 800 lin. ft. New Granite Curb in place.
(8) 1600 lin. ft. Armored Concrete Curb.
(9) 75 Brick Catchbasins reset or reconstructed.
(10) 75 Concrete Curb Inlets constructed.
(11) 4 Brick Catchbasins constructed.
(12) 23 Low Pressure Hydrants moved.
(13) 12 High Pressure Hydrants moved.
(14) 72 cu. yds. Hydrant Excavation.
(15) 6300 lbs. Cast Iron Pipe and Specials.
(16) 2000 lbs. Wrought Iron Bolts, Nuts, Washers.
(17) 1000 lbs. Pig Lead furnished.
(18) 16 Street and Traffic Signs moved.
(19) 4 Electric Traffic Signals moved.
(20) 9 Fire and police boxes moved
(21) 3360 lin. ft. 1½-inch black conduit.
(22) 116,000 sq. ft. 8-inch class E concrete pavement.
(23) 67500 sq. ft. 6-inch class E concrete pavement base.
(24) 11000 sq. ft. 2-course concrete sidewalk.
(25) 2600 sq. ft. Asphalt-macadam walk, consisting of a 4-inch rock macadam base and a 1-inch asphaltic concrete wearing surface.
(26) 3100 tons Asphaltic concrete base and lev. Course.
(27) 2450 tons Asphaltic concrete wearing surface.
(28) 500 tons Asphaltic concrete conform pavement.
(29) 160 cu. yds. Class "B" concrete.
(30) 1600 New cross walk markers in place.
(31) 17500 sq. ft. White lacquer traffic lines and zones.
(32) 15 Manhole frames and covers installed.
(33) 2 New brick manholes constructed.
(34) 80 lin. ft. 10-inch VCP Culvert.
(35) 400 lin. ft. 12-inch VCP sewer.
(36) 330 lin. ft. 15-inch VCP sewer.
(37) 11 12-inch X 8-inch Wye Branches.
(38) 13 15-inch X 8-inch Wye Branches.
(39) 440 lin. ft. 8-inch side sewers constructed.
(40) 300 lin. ft. 6-inch side sewers constructed.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

CONTRACT AWARDED

LOS ANGELES COUNTY—C. O. Sparks and Mundo Engineering Co., 2309 E. Olympic Blvd., Los Angeles, at $110,330.50 awarded contract by the State Highway Commission, Sacramento, for grading and surfacing with plant-mixed surfacing about 2.2 miles between Calabasas School and Brent Junction in Los Angeles County.

CONTRACT AWARDED

EL DORADO COUNTY—J. V. Galbraith and Don A. Canevari, 1700 4th St., Santa Rosa, at $50,102.32 awarded contract by the State Highway Commission, Sacramento, for grading, surfacing, applying road-mix surface treatment, and constructing a reinforced concrete bridge on 0.6 of a mile in El Dorado County, one and one-half miles north of Meyers.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal. —Morgan Bros., 5919 Maywood Ave., Huntington Park, at $1080.75 awarded contract by the State Highway Commission, Sacramento, for applying liquid asphalt on shoulders on about 3.8 miles in San Bernardino County, between San Bernardino and Highland.

BIDS WANTED

INYO COUNTY, Cal.—Until August 4, 3 P. M., bids will be received by the Division of Highways, S. W. Lowden, Acting District Engineer, Bishop for furnishing and applying liquid asphalt on about 1.8 miles in Inyo Co., between 8 miles south of Keeler and 10 miles south of Keeler.

The work involves:

(1) 22 tons liquid asphalt, SC-2;
(2) 200 tons liquid asphalt, SC-4.

Plans and specifications obtainable from above office and on file at the office of DAILY PACIFIC BUILDER.

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at $5576 awarded contract by the State Highway Commission, Sacramento, for applying seal coat on about 6.8 miles between 1½ mi. north of Modeno and 2¼ miles west of Beaumont, Riverside County.

BIDS WANTED

CONTRA COSTA COUNTY, Cal.—Until August 12, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about three miles surfacing with plant-mixed surfacing and constructing shoulders in Contra Costa County between 3.5 mi. west of Pittsburg and 5.5 miles north of Concord.

The work involves:

(1) 2,000 tons select. material (shoulders);
(2) 4,750 tons mineral agg. (Plant-mix surf.);
(3) 250 tons liquid asphalt MC-5 or MC-Extra Heavy (plant - mix surf.);
(4) 15 tons asphaltic emulsion 90-95 (prime coat);
(5) 24 tons liquid asphalt MC-3 (seal coat);
(6) 260 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

SHASTA COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $10,700 awarded contract by the State Highway Commission, Sacramento, for about 2.5 miles surfacing with road mix surfacing between Snaveley's Sawmill and Montgomery Creek in Shasta County.

Unit bids follow:

(1) 3100 cu. yds. mineral aggregate in place, $2 per cu. yd.
(2) 180 tons liquid asphalt ROMC-4, in place, $25 per ton.

CONTRACT AWARDED

CONTRA COSTA COUNTY, Cal.—Lee J. Immel, 1031 Evelyn Street, Berkeley, at $9506 awarded contract by the State Highway Commission, Sacramento, for about 4.4 miles road-mix surface treatment to be applied to shoulders and plant-mix surfacing placed for a length of about 1.2 mi., between the county road to Byron and easterly boundary of Contra Costa County

30—RESERVOIRS & DAMS

CONTEMPLATED

MODESTO, Stanislaus Co., Calif.—City Council has appropriated $2,500 for the re-construction of Lake Modesto Dam.

City Clerk H. E. Gragg has been authorized to call for bids.

BIDS WANTED

YAKIMA PROJECT, Wash. — Until August 4, 10 A. M., bids will be received by the Bureau of Reclamation, Yakima, J. S. Moore, Supt., under Bid No. 815-D, for the installation of five 37-17-ft. radial gates in the spillway at the Cle Elum Dam, Yakima Project.

Specifications obtainable from above office of the Bureau of Reclamation at Yakima, or Denver, without charge to prospective bidders; to others, $0.75 not returnable

BIDS WANTED

UPPER SNAKE RIVER PROJECT, Idaho.—Until August 7, 10 A. M., bids will be received by the Bureau of Reclamation, Ashton, Idaho, H. A. Parker, Construction Engineer, under Spec. No. 693, fo rthe construction of the Grassy Lake Dam, Upper Snake River Project, Idaho.

The work is located about 10 miles east of Ashton and the principal items of work involved are:

(1) 54,150 c.y. all classes of open-cut excavation;
(2) 555,000 c.y. common excavation in borrow pits;
(3) 83,000 c.y. rock excavation in do;
(4) 119,000 c.y. stripping for dam and borrow pits;
(5) 510,000 c.y. earth fill in dam;
(6) 4,200 c.y. backfill about structures
(7) 91,000 c.y. rock fill on downstream slope of dam;
(8) 23,550 c.y. riprap on upstream slope of dam and in the spillway channel;
(9) 3,950 c.y. concrete;
(10) Placing 632,000 lbs. reinf. bars;
(11) Drilling 3,100 l.f. grout holes;
(12) Constructing 4,650 l.f. drains;
(13 Driving 40,000 lbs. steel sheet piling;
(14) Installing 114,300 pounds gates, valves and other metal work.

Work shall be commenced within 30 calendar days and completed within 450 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Ashton, Idaho; Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others, $2.00, not returnable.

PLANS BEING COMPLETED

TUCUMCARI, N. M.—Plans and specifications for the Conchas Dam on the Canadian River, near Tucumcari, N. M., will be ready for contractors about August 1. The project will be advertised for about forty days before the opening of bids, date for which has not been determined. When ready, specifications may be obtained from Captain Hans Kramer, United States Engineer, Tucumcari, N. M., upon deposit of $25.

BIDS WANTED

CASPER - ALCOVA PROJECT, Wyoming—Until August 3, 10 A. M., bids will be received by the Bureau of Reclamation, H. W. Bashore, Construction Engineer, Casper, Wyoming, under Spec. No. 814-D, for the preparation and stock-piling of concrete aggregates on the Casper-Alcova Project.

The principal items of work involved are:

(1) 8000 cu. yds. stripping gravel deposits;
(2) Preparing and stock-piling 30,400 cu. yds. sand and gravel.

Work shall be commenced within 30 calendar days and completed within 100 calendar days from the date of receipt of notice to proceed.

Specifications obtainable from the office of the Bureau of Reclamation, Casper, Wyoming, or Denver, Colo., without charge to prospective bidders; to others, 50c not returnable.

31—PIPE LINES & WELLS

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until July 29, 2:30 P. M., bids will be received by the Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, C. R. Engle, Supervising Engineer, under Bid No. 0280, for drilling, casing, perforating, sand pumping and testing one water well on Wilton Rancheria, Sacramento County.

Bids will be taken as follows:

(1) Per l.f. for drilling and casing the first 100 ft. or less of the well, including furnishing and installing casing and starters (100 ft.);
(2) Per l.f. for drilling and casing for any and all depths exceeding 100 ft., including furnishing and installing casing and starter (100 ft.)
(3) Per hour for use of rig, equipment and crew for perforating, sand pumping and other work not otherwise provided for (10 hours);
(4) Lump sum for developing & testing well with deep-well turbine pump;
(5) Per l.f. for drilling and casing pilot holes 4 to 6-in. in dia., including furnishing and installing casing and starters (200 ft.);

ALTERNATE

(1a) Per l.f. for drilling and casing for all depths not in excess of 100 ft., Government to furnish casing and starters at Elk Grove.
(2a) Per l.f. for drilling and casing for all depths exceeding 100 feet, the Government to furnish casing and starters at Elk Grove.

Plans and specifications obtainable from the above office and on file at the office of DAILY PACIFIC BUILDER.

BIDS WANTED

SANTA CRUZ, Santa Cruz Co., Cal.—Until July 27, 9 A. M., bids will be received by the Santa Cruz City Council, S. A. Evans, City Clerk, for furnishing pipe and fittings to be used in replacing an existing 4-in. water pipe line in Mission Street between Bay and Younglove Streets.

Bids will be taken as follows:

(1) 800 lbs. leadite or equal;
(2) 1,825 l.f. 10-in. dia. Class 150 cast iron pipe;
(3) Bell cast iron fittings: 1 tee, 10x6-in.; 1 tee, 10x8-in.; 1 tee, 10x10-in.; 8 tees, 10x4-in.; 1 wye, 10x6-in.; 1 ell, 10-in., 45-deg.;
(4) Gate valves: six 4-in., one 8-in., two 6-in., and three 10-in.

Delivery fob City Corporation Yard or trench site on Mission St.

Specifications obtainable from above office.

CONTRACT AWARDED

LOS ANGELES, Cal. — Lindgren & Swinerton, 605 W. Olympic Blvd., awarded contract for taking up, reconditioning and relaying about 30,000 lineal feet of steel pipe between El Segundo and San Pedro for the Standard Oil Company of California.

BIDS OPENED

SACRAMENTO, Cal.—Sterling Pump Corp., 646 S. California St., Stockton, at $539.67 submitted low bid to the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-6, for furnishing and installing a deep well turbine pump, electric motor direct connected to the pump, a pressure tank, and all accessory equipment at the U. S. Engineer depot, near the Sacramento Weir Sacramento, to provide a complete pumping unit for supplying water at the rate of no less than 50 gals. per minute for the well at the depot, thru a pressure tank in the near vicinity of the well against a pressure of 40 lbs. per sq. in. at the tank discharge outlet.

Bids were taken as follows:

(1) Lump sum, furnishing and installing pumping plant as specified, except for column and shafting;
(2) Five 10-ft. lengths furnishing and installing column and shafting.

Complete bids follow:

Sterling Pump Co., Stockton: (1) $438.70; (2) $100.80; total, $539.67; discount, 3% 30 days.

Fairbanks Morse Co., S. F.: (1) $418.31; (2) $142.05; total, $560.36.

Kimball Krogh Pump Co., S. F: (1) $484.17; (2) $132.17; total, $606.34

Richerts Pump Co., Sacramento: (1) $534.12; (2) $88.80; total, $622.90.

Munz Bros., Sacramento: (1) $490; (2) $271; total, $761.

Wintroath Pump Co., Inc., Alhambra: (1) $554.40; (2) $243.75; total, $798.15.

Bids held under advisement.

32— SEWERS & SEWAGE DISPOSAL PLANTS

CONTEMPLATED

MODESTO, Stanislaus Co., Calif.—The City Council has appropiated $12-

750 for construction of trickling filters and appurtenances at the sewer farm. City Clerk H. E. Gragg has been authorized to call for bids

CONTEMPLATED

NEWPORT BEACH, Orange Co.—Civic leaders have presented to the city council a request that the council call a bond election to vote on a $300,000 issue to provide funds for the proposed sewage treatment plant. The council sewer committee has recommended to the council that the city enter into an agreement with cities owning the Orange County Joint Outfall whereby Newport would be permitted to discharge sewage into the outfall on a rental basis at $1800 per annum; that a vitrified clay pipe sewer be constructed in Pacific Drive from Marguerite Ave. along Palisades Road to the state highway, west along state highway to Bitter point, thence northwest to the disposal plant site; that primary sedimentation tanks, Imhoff design, with gas collection and sludge beds, be constructed for a future population of 25,000 on a ten acre site 1200 ft. northerly of the state highway; that a cast iron pipe for discharging effluent from the plant be constructed from the plant to the manhole south of the pumping station on the Orange County Joint Outfall Sewer, south of the state highway; that the cost of $300,000 for he system be financed by a city bond issue; and that application for a grant of $135,000 from the federal government be made to the Federal Administrator of Public Works. A. J. Garfield is Chairman of the council sewer committee.

BIDS WANTED

STOCKTON, San Joaquin County—Until August 5, 5 p. m. (to be opened at 8 p. m.) bids will be received by the Stockton City Council, Miss B. L. Trahern, City Clerk, City Hall, for construction of main and lateral sewers in the Avondale district. Estimated cost, $3,871.

The work involves:

(1) 436 l. f. 4" vitrified pipe sewer.
(2) 2,239 l. f. 6" vitrified pipe sewer.
(3) 124 l. f. 8" vitirified pipe sewer.
(4) 8 4-ft. diameter brick manholes.
(5) 3 5-ft. brick manholes.
(6) 2 lampholes.

Plans and specifications obtainable from the office of City Engineer Lyle Payton upon deposit of $5.

CONTRACT AWARDED

SAN FRANCISCO — Healy-Tibbitts Constr. Co., 64 Pine St., at $88,725 awarded contract by the Department of Public Works, City Hall, for extension of the Alemany Sewer along Selby Street between Galvez and Hudson Streets, Section D-1. Contract No. 2, a PWA project.

33— WATER WORKS

CONTEMPLATED

MODESTO, Stanislaus Co., Cal.—The City Council has appropriated $875 for a new starter for Pump Station No. 5; $2500 for construction of Pump Station No. 10, and $5000 for purchase of water pipe and fittings Clerk H. E. Gragg has been authorized to call for bids.

BIDS REJECTED

DEL NORTE COUNTY, Cal.—State Highway Commission, Sacramento, has rejected all bids received May 6 for construction of a rubble masonry fountain in Del Norte County, about 2.4 miles west of Patrick's Creek on the Redwood Highway.

Low bid was submitted by E. S. Mackins, 898 10th St., Eureka.

CONTRACT AWARDED

LOS ANGELES, Calif. - American Concrete & Steel Pipe Co., 4635 Firestone Blvd., at $15,87.20 awarded contract by the Los Angeles Water and Power Commission for furnishing and installing approximately 1720 l.f. of 24-inch ID, contrifugally spun, reinforced concrete pipe, and approximately 1604 l.f. of 30-in. same, including all excavation and backfilling, under Spec. No. 2020. The pipe to be installed is for a connecting line which begins at the North Crystal Springs well, north of Riverside Drive at a point 3000 ft. east of the Victory Blvd. bridge and extends southerly 3800 ft. to its junction with an existing 54-in. concrete pipe line.

The other bids were:

United Concrete Pipe Corp., Los Angeles, $16,563.

Mike Radich and C. T. Brown, Los Angeles, $17,968.36.

BIDS WANTED

BELMONT, San Mateo Co., Cal.—Until July 28, 8 P. M., bids will be received by the Belmont County Water District, Notre Dame Ave., Belmont, for construction of waterworks improvements.

The work involves:

(1) 730 lin. ft. 4-in. cast iron pipe;
(2) 4 4-in. gate valves;
(3) 2 fire hydrants;
(4) 6 ⅝-in. meters;
(5) 15 lin. ft. service pipe.

Plans and specifications obtainable at the office of George A. Kneese, engineer, 2382 Broadway, Redwood City. *

BIDS WANTED

SOUTH SAN FRANSCISCO, San Mateo Co., Cal.—Until August 3, 8 P. M., bids will be received by the South San Francisco City Council for furnishing pipe and fittings as follows:

(1) 730 lin. ft. 4-in. cast iron pipe;
(2) 2335 lin. ft. 3-in. galv. wrought steel pipe;
(3) 1385 lin. ft. 2-in. galvanized wrought steel pipe;
(4) 2260 lin. ft. 1½-in. galv. wrought steel pipe;
(5) 66 pcs ¾-in. galv. wrought steel pipe, each 3-ft. 6-in. long;
(6) 2 4-in. hydrants;
(7) One 6x6x6-in. cast iron tee;
(8) One 4x4x4-in. cast iron tee;
(9) 6 4-in. gate valves;
(10) 4 3-in. gate valves;
(11) One 3x3x3-in. malleable iron tee
(12) One 3x3x1½-in. malleable iron tee;
(13) One 2x1½ 1½-in. malleable iron tee;
(14) 16 2x2x¾-in. do;
(15) 25 1½x1½x¾-in. malleable iron tees;
(16) One 3x1½-in. cross;
(17) 2 3-in. malleable iron 45° elbows
(18) 2 2-in. do;
(19) 3 2x1½-in. malleable iron reducing elbows;
(20) 6 3x2-in. malleable iron bushings
(21) One 2x½-in. do;
(22) 6 2-in. malleable iron unions;
(23) 11 1½-in. do;
(24) 4 4-in. plugs.

Specifications obtainable from the office of City Engineer George A. Kneese, 2382 Broadway, Redwood City. Robert Klassen, Assistant City Engineer. *

LOW BIDDERS

SALEM, Oregon.—Following are the low bids received by the Salem City Council, A. Warren Jones, City Recorder, for a water tank, pumping units and pipe fittings:

Contract No. 7: Elevated steel tank of 100,000-gal. capacity on steel tower with full water level 70-ft. above the foundations—Pittsburgh - Des Moines Boiler Iron Works, Rialto Bldg., San Francisco, $7,870.

Contract No. 8: 24-to 30-in. welded steel pipe fittings and special shapes required at main reservoir and elevated tank—A. B. McLauchlin Co., Salem, $1,162.80.

Contract No. 9: 24-to 30-in. welded pipe fittings and special shapes required at main reservoir—King Bros., 3500 SE 17th, Portland, $20,975.

Stevens & Koon, 1202 Spalding Bldg. Portland, consulting engineers.

Bids held under advisement.

34 — FARKS AND PLAYGROUNDS

BIDS OPENED

SAN FRANCISCO—Standard Fence Co., 440 Bayshore Blvd., at $1,360 submitted low bid to Department of Public Works for fencing at George Washington School, Geary Blvd., Balboa St., 30th and 32nd Aves. Esimated cost, $3,200. Spec. No. 4335.

Fabric to be No. 9 guage, 2-inch mesh copper bearing steel chain in 6-ft. lengths, posts to be 2-in. H column type, corner posts to be 3-in. outside diameter; top rail, 5.8-in. outside dia.

Complete bids follow:

Standard Fence Co.	$1,360
Kamlan Fence Co.	1,375
Wickwire Spencer Steel Co.	1,700

Bids held under advisement.

BIDS WANTED

ALHAMBRA, Los Angeles Co., Cal.—Until August 7, 10 A. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting grounds at the U. S. Post Office, Alhambra. *

BIDS REJECTED

SAN BENITO COUNTY, Cal.—All bids received by the State Highway Commission, Sacramento, June 3, for landscape development at the junction of Routes 2 and 22, San Benito County, have been rejected.

It was previously incorrectly reported that the contract has been awarded Leo F. Piazza, 296 N. 6th St., San Jose, at $19,973.45. * 34

BIDS WANTED

HOLLYWOOD, Los Angeles Co., Cal.—Until August 7, 10 A. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting at the U. S. Post Office, Hollywood.

Specifications may be obtained from Custodian of the building at Hollywood.

BIDS WANTED

LUALUALEI, T. H.—Until Sept. 2, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Dept. Washington, D. C., under Spec. No. 7943, for wire fencing at the Naval Radio Station, Lualualei. Est. cost, $15,000.

Work includes farm type fencing with gates, barbed wire protection and concrete footings.

Specifications obtainable from above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco, upon deposit of $10.00.

35— TUNNELS

CONTRACT AWARDED

SAN FRANCISCO — Superior Tile Co., 3743 Broadway, Oakland, at $55,113.87 awarded contract by the State Highway Commission, Sacramento, for construction of the tile lining of 540 feet Yerba Buena tunnel of the San Francisco-Oakland Bay Bridge crossing.

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PWA Grants Release $1,880,000 Projects For Contracting In Northern California

Grants aggregating $750,000 were allocated to seven Northern California building projects in the first release of new PWA funds announced yesterday by Administrator Harold L. Ickes. The Federal contributions will release work for immediate contracting to cost approximately $1,880,000.

The largest single allocation is to the State Board of Harbor Com-missioners for reconstruction of Piers 9 and 19 on the San Francisco waterfront. The grant authorized is $679,854. The estimated cost of the work is about $750,000 for each pier. Existing timber structures are to be replaced with reinforced concrete piers and steel frame sheds with concrete walls. Chief Engineer Frank G. White of the Harbor Commission will complete plans within 30 days for Pier 19 at the foot of Filbert Street and within 60 days for Pier 9 at the foot of Vallejo Street.

Berkeley Board of Education received an allotment of $102,073 from PWA toward school buildings to cost over $200,000. The district is ready to proceed at once with work at the Berkeley high school to cost $146,000, including a gymnasium building at $125,000, and work on the auditorium at $21,000. Status of the balance of the PWA grant is in doubt since it was to have been applied toward a $40,000 gymnasium at Burbank school. This job, however, has gone ahead as a WPA project while the district was awaiting the PWA grant.

Albany School district is ready to proceed with a $70,000 unit to contain classrooms, study hall, administrative offices and cafeteria, using funds on hand and a grant of $28,502. Plans have been prepared by Architects Dragon and Schmidts, Berkeley.

Architect Harry Devine, Sacramento, is completing plans for an addition to Grant Union High School building, consisting of 18 classrooms. It will cost about $75,000 and received a grant of $28,136.

Petaluma High School District received a grant of $11,250 toward a $25,000 addition of four rooms. Plans are being completed by Architect Brainard Jones, Petaluma.

The grants to Northern California projects are part of a total of $1,819,336 allotted California applicants for PWA funds. Allotments were made in Southern California as follows:

Long Beach, streets, $20,667; Los Angeles, streets, $630,464; San Jacinto, sewage disposal plant, $16,363; Santa Monica high school, $24,514; Los Nietos school, $18,818; Beverly Hills high school, $20400; Lawndale, school, $16,363; Huntington Park, swimming pool, $54,000; Newport Beach, harbor improvements, $100,035.

The first allotment of PWA funds benefits 352 projects in 37 states. The total allotment was $22,742,034. Largest project approved is a $4,835,000 courthouse for New York City.

Allotments are contingent upon work being started by October 1, and work being substantially complete by October 1, 1937, Administrator Ickes announced.

HOURS INCREASED ON NEVADA PWA JOBS

PWA has granted permission for brick layers and tile setters, employed on the Nevada supreme court and library building at Carson City, to work forty hours a week for the remainder of July. Available workmen had completed their allotted 130 hours for the month, and if the extension had not been granted all work would have been at a standstill.

R. C. Haefell, acting state PWA director, announced that a similar order had been issued to the Las Vegas grammar school, where tile setters and carpenters had completed their 130 hour allotment for the month. The PWA took under consideration the request for a time extension asked for plumbers and steamfitters working on the Las Vegas school.

MARIN COURT EXTENDS LIMIT OF LIABILITY

Awards Judgment For Damage To Pipes From Highway Project

An unprecedented decision in the Marin county superior court rendered last week holds the contractor on a state highway improvement liable for damage to public utility lines in the vicinity incidental to performance of the contract. According to attorneys the ruling upsets an accepted defense that a contractor is not responsible for damages occuring where his operations are in compliance with terms of a public contract.

The Marin case involved the marin Municipal Water District as plaintiff against the Peninsula Paving Company of San Francisco. The Peninsula Company performed a contract for the State Division of Highways in 1932 involving a fill across marshy land for a realignment near Waldo Point. The contractor was required to place solid material to a depth specified by the state engineers until a satisfactory base for the new roadbed was obtained. It was not possible to determine in advance the amount of material required because of the character of the land. Therefore the terms of the contract provided that the fill be continued until it attained the compaction desired by the state.

The plaintiff utility established the fact that placing the fill caused a displacement of unstable surface material in the vicinity sufficient to break water mains that paralleled the right-of-way at a distance of from 75 to 100 feet.

Facts of the case were admitted by the contractor, who offered as his defense the testimony of the state engineers that the work was done in accordance with specifications and under their direction.

Superior Judge Edward I. Butler, however, has held the contractor liable for the damages to the water district pipes and has given judgment for the district in amount of $2600, the replacement costs.

BOARD MOVES TO RESTRICT APPLICANTS

Regulations Anticipate Future Legislation Classifying Contractors

Rules to give effect to the policy of restricting contractor's licenses to applicants qualified by character and competence were adopted by the State Contractors' License Board meeting in San Francisco Friday. The new regulations, which will govern the issuance of all licenses hereafter by the registrar of contractors, arethe result of months of study by the Board members and Registrar Earl Anderson and have been approved as to legality by the attorney-general.

The board was advised by Registrar Anderson that the rules finally drafted are as stringent as are permitted by the State Contractors' License Law and that new legislation must be obtained if further restrictions are to be imposed. The board has indicated that it will seek such legislation in response to demands from many construction industry associations whose members are hoping to prevent a return of thousands of inexperienced and unscrupulous operators to the building business. Spokesmen before the board have pointed out that possession of a state license is regarded as an indication of competency despite the fact that the registrar now has no authority to ascertain the abilty of the applicant to perform the work for which his license is granted.

A determined drive will be made in the next legislature to obtain a law permitting the board to ascertain qualifications of license applicants and to classify licentiates for specific trades.

Following is a synopsis of the regulations.

(1) Applications must be attested before a Notary Public.

(2) Applicant must have as sponsors (a) Licensed architects, civil or structural engineers or licensed contractors; (b) owners for whom he has acted as contractor, superintendent or foreman; (c) Building supply firms; (d) Banking institutions. Seven sponsors are required for an individual; four for each member of a co-partnership; four for each member of a co-partnership; four for each principal officer of a corporation.

(3) Oral examination may be required of the applicant by the Registrar if he is not satisfied with the information supplied on the application blank.

(4) Applicant may be cited to show cause within 30 days why a license should not be denied.

(5) Inspectors MAY file original complaints of violations with the Registrar after investigation.

(6) Inspectors MUST report violations of the State Workmen's Compensation Act.

(7) Inspectors will advise applicants of the procdeure for obtaining licenses, applications must be delivered or mailed to the office of the Registrar.

(8) Complaints against Licensed Contractors must be made in writing and shall state the facts which are claimed to constitute a violation of the license law. Inspectors must investigate complaints and present impartially at the hearing all information received.

Registrar Anderson reported to the board that the request for information as to the status of compensation insurance policies carried by contractors applying for renewal of licenses this year apparently caused many contractors to obtain policies who had not carried them. Expiration dates reported to the bureau indicated that about twice as many policies were taken out in May and June as normally would be expected, Mr. Anderson stated.

A sample of 1000 reports taken from the renewals showed compensation insurance in force in 48 per cent, while about 40 per cent reported they were not carrying insurance because they had no employees to be covered. No reports were filed by 12 per cent, but in most instances the information sought was being supplied by letter. A complete check of the operations of contractors without insurance will be undertaken to determine whether they are complying with the law.

Increased personnel in the Sacramento office and improved mechanical equipment obtained at the suggestion of the board has resulted in the speediest handling of renewals and licenses in the history of the bureau, according to the registar. He reported that all renewals for the current year has been mailed and the office was up-to-date with all new applications. A registration of 28,000 is predicted for the 1936-37 fiscal year on the basis of renewals and the current rate of applications. To date the bureau has renewed 21,600 licenses and issued 950 new ones, making a total of 25,500 active.

Following the election of officers the board adjourned to August 14, when a session will be held in Long Beach. Ralph E. Homann, vice-chairman, presided at Friday's meeting in the absence of Chairman W. A. Bechtel, Jr. Board members present were Roy M. Butcher, San Jose; S. G. Johnson, Oakland; William A. Nies, Los Angeles; Stephen L. Ford, Long Beach. Assistant Registrar Glen Slater and Ralph Bowdle of the registrar's staff also attended.

The board's work was highly commended by Floyd O. Booe and William E. Hague, managers of the Northern and Central California chapters of Associated General Contractors, respectively, and Dave Bunker, manager of the San Jose Builders' Exchange, who attended the meeting, and in a letter from Frank Connolly, manager of Southern California chapter, Associated General Contractors.

PLANS OUT FOR THREE EASTBAY BUILDING JOBS

Early Bid Dates On School Hospital And Train Terminal

Bid dates on three important Eastbay building contracts were announced yesterday.

Merritt Hospital owners will take figures August 10 for construction of a reinforced concrete annex to the hospital buildings at Webster and Hawthorne Streets, Oakland. The work will cost in the neighborhood of $100,000. Plans are by Architects Masten & Hurd, San Francisco.

Plans for a one-story steel and concrete train concourse and terminal builidng for the Key System to be located on Piedmont Avenue, Oakland, have been completed by Architects Kent and Hass. A selected list of six contractors will submit bids to be opened Aug. 11.

Berkeley Board of Education has set August 14 as the date for receiving figures on reconstruction of Lincoln School to cost about $120,000. The contract is part of the rehabilitation program and is financed in part with PWA funds.

66 Candidates In State's Tests for Pest Exterminator

Qualifying examinations for applicants for structural pest control operator certificates were taken by 66 candidates last week in Los Angeles and San Francisco, Glen Slater, secretary of the State Structurtl Pest Control Board, reports. The results of the examinations will be announced in about two weeks.

M. G. Jorgfensen, chairman, was re-elected for another term at the annual meeting of the board.

The board has adopted a policy of working in cooperation with the State Contractors' License Board to avoid conflict in administration of the two laws, both of which give jurisdiction over structural pest control operations. Work involving the use of chemicals for pest extermination will be wholly under the pest control board. Operators will not be permitted to make any structural changes that may be necessary due to insect damage or that may be recommended for prevention of infestation unless they also hold a contractor's license.

$1,600,000 National Parks Road Fund Apportioned In San Francisco District

Apportionment of $1,600,000 in National Park Road construction funds to ten major projects for the current fiscal year is announced by District Engineer C H. Sweetser of the U. S. Bureau of Public Roads. The allotment covers all contemplated construction to be contracted in the San Francisco district this year, embracing the national parks in the states of California, Nevada and Arizona.

Nearly half of the district's allotment is to be expended in Yosemite National Park, where the regular Federal appropriation is supplemented by a payment of $250,000 from the city of San Francisco toward road improvements as part of the city's Hetch Hetchy development agreement with the government. The money will be used in grading sections of the Tioga Pass route.

About $450,000 is to be spent in General Grant Park for grading and surfacing.

Allotments for one project each in Lassen and Sequoia Parks also are announced.

The Bureau will have $198,000 for initial improvements in the Boulder Dam recreational area, recently added to the nation's national park system.

Approximately $100,000 is provided for work in Arizona on the Grand Canyon roads.

Following are the projects financed with the new appropriation:

CALIFORNIA

General Grant National Park

Fresno-General Grant Approach Road, Park Boundary to Happy Gap, 3.8 miles grading and subgrade reinforcing, $346,500;

Route 1, 2.38 miles bituminous treated base course, $34,650.

General Grant-Sequoia Approach Road. Section C and portion Section B, bituminous treated base course, 3.8 miles, $64,350.

Yosemite National Park

Tioga Road (4-A2-B1) Crane Flat-White Wolf-Tenaya Lake Sections, grading, $198,000;

Tiago Road (4-B2-C2) Porcupine Summit to Snow Creek and Tenaya Lake to Cathedral Creek, grading, $297,000;

Tiago Road (4-B2-C2) Porcupine Summit to Snow Creek and Tenaya Lake to Cathedral Creek (city of San Francisco contribution) $250,000;

Big Oak Flat Rd., post construction, $990;

Glacier Point Road, post construction, $4,950.

Lassen Volcanic National Park

Southwest Approach Road, Section B, bituminous surfacing, including construction of about one mile of pedestrian walks, $53,460.

Sequoia National Park

Hospital Rock-Grant Forest Rd., armor coat, $49,500.

GASOLINE TAX REVENUE UP 15% IN YEAR

Improved Collections Permit Increase In Highway Budget

Apportionment of the quarterly gasoline tax revenues reveals a gain of approximately 22 per cent in collections over the same quarter of 1935 State Controller Ray L. Riley announces. The apportionment for the three months ending June 30 amounts to $11,405,844.

County governments received $3-801,948. Principal allocations to counties were: Alameda, $245,855; Contra Costa, $52,631; Fresno, $103,049; Kern, $71,827; Los Angeles, $1,369,932; Orange, $85,376; Riverside, $62,837; Sacramento, $94,382; San Bernardino, $89,320; San Diego, $142,686; San Francisco, $243,703; San Joaquin, $75,538; San Mateo, $55,712; Santa Clara, $103,997; Sonoma, $50,228; Stanislaus, $50,924; Tulare, $58,609.

Controller Riley said total apportionments to road funds for the fiscal year ending June 30, amounted to $42,242,432, a 15 per cent increase over the previous fiscal year.

Increased gas tax collections have permitted revision of the state's highway budget for the current biennium to include expenditures amounting to $53,000,000 instead of the originally estimated $46,500-000.

NEVADA

Boulder Dam Recreational Area

Location surveys and construction of necessary roads and trails, $198,000.

ARIZONA

Grand Canyon National Park

Grand Canyon-Hermit Rest, bituminous surfacing 9.141 miles, $81,675;

Desert View Rd., Rte. 10, guard rail, 31.7 miles, $19,800.

FOUR FEDERAL JOBS OFFERED TOTAL $300,000

Bids Next Month On Contracts For Post Offices In Northern Cities

The Treasury Department is advertising four post office building contracts in Northern California cities for bids to be received during August. There is available approximately $300,000 for the four projects.

Bids are being received August 10 for the third time for the construction of the Tracy building. K. E. Parker Co., San Francisco, submitted the low bid of $51,492 on the last offering of this contract.

The Auburn building also is being readvertised for August 24. The only bid received on a previous opening was from Schuler and McDonald, Oakland, at $91,383 which was rejected as exceeding the available funds. The department has $75,000 allocated to this project.

Bids will be received August 14 for a new bulding to be erected in Martinez, to which $95,000 has been allotted; and August 27 for the Vacaville building, allotted $65-000.

Interurban Plans For Bay Bridge To Be Discussed

S. S. Gorman of the San Francisco-Oakland Bay Bridge engineering staff will be the principal speaker at the next meeting of the Structural Engineers' Association of Northern California, it was announced yesterday. The meeting will be held next Tuesday in the San Francisco Engineers' Club.

Mr. Gorman will give an illustrated talk on the topic, "San Francisco Interurban Terminals and Related Facilities."

The engineers will meet for a social hour and dinner at 5:30, with the program following at 7:15.

SACRAMENTO BOARD FIXES WAGE RATES

Sacramento County Board of Supervisors has established a new scale of wages to be paid by contractors on public works. The changes in the current scale are as follows:

Electrical workers $1.12 an hour, increased to $1.25; model caster, $1.128 to $1.25; roller operators, $1.12 to $1.25; truck drivers $0.68 to $0.75; machinists, $1 to $1.10; machinist helpers, $0.72 to $0.80; asphalt engineers, $1 to $1.10; concrete pavement mixer operators, $1 to $1.10; float man, $0.70 to $0.80; tractor operators, $1 to $1.10.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1505	Standard	Owner	3500
1506	Standard	Owner	3500
1507	Standard	Owner	3500
1508	Standard	Owner	3500
1509	Standard	Owner	3500
1510	Standard	Owner	3500
1511	Standard	Owner	3500
1512	Bernhardt	Owner	3500
1513	Bernhardt	Owner	3500
1514	Dolores	Ohlsen	3500
1515	Dolores	Ohlsen	3500
1516	Hutcheons	Lindgren	2000
1517	Evers	Owner	4500
1518	Thompson	Owner	3000
1519	Garratt	Owner	5000
1520	Koenig	Owner	1000
1521	Sinz	Independent	5000
1522	Cicerone	Owner	5000
1523	Owner	Owner	4000
1524	Blum	Owner	4000
1525	Blum	Owner	4000
1526	Burke	Baker	1800
1527	Mayer	Owner	4000
1528	Domeniconi	Owner	5000
1529	Bertolena	Independent	1000
1530	Meyer	Owner	3800
1531	Munro	Berg	3500
1532	Mohawk	Fisher	4000
1533	Meyer	Owner	4000
1534	Mohawk	Fisher	4000
1535	McGrath	Owner	4500
1536	Greenberg	Owner	2700
1537	Genoa	Owner	8000
1538	Polos	Bay Shore	1200
1539	Lindsay	Owner	3600
1540	Thompson	Hinson	5000
1541	Young	Cuthbertson	2000
1542	Wolter	Owner	5000
1543	Feerick	Owner	4500
1544	Feerick	Owner	4500
1545	South	McLaughlin	20000
1546	Christensen	Owner	4000
1547	Gazzera	Rome	1500
1548	Hoffman	Owner	1000
1549	New Method	Owner	4000
1550	De Benedetti	Owner	3500
1551	De Benedetti	Owner	3500
1552	Lafrenz	Nelson	7000
1553	Harrison	Owner	3750
1554	Harrison	Owner	3750
1555	Harrison	Owner	3750
1556	Harrison	Owner	3750
1557	Sharmon	Owner	3500
1558	Sharmon	Owner	3500
1559	Sisters	Barrett	9000
1560	Graham	Owner	4000
1561	Graham	Owner	4000
1562	Kerr	Jones	1800
1563	Eighth	Phoenix	2000
1564	Christensen	Owner	4000

DWELLING
(1505) W 27th AVE 150 N Noriega. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1506) E 27th AVE. 100 N Noriega. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1507) W 27th AVE. 100 N Noriega. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1508) E 27th AVE. 125 N Noriega. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1509) W 27th AVE. 125 N Noriega. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1510) E 27th AVE. 275 N Noriega. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1511) E 27th AVE. 200 N Noriega. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1512) N ANZA 83 W 37th Avenue. One - story and basement frame dwelling.
Owner and Builder — Bernhardt and Cowen, 924 Taraval Street.
Architect—Not Given. $3500

DWELLING
(1513) N ANZA 58 West 37th Avenue. One - story and basement frame dwelling.
Owner and Builder — Bernhardt and Cowen, 924 Taraval Street.
Architect—Not Given. $3500

DWELLING
(1514) S FORD 221 W Sanchez Street. One - story and basement frame dwelling.
Owner—Dolores Realty Co., 3090 16th Street.
Architect—Not Given.
Contractor—A. H. Ohlsen, 242 Vienna. $3,500

DWELLING
(1515) S FORD 200 W Sanchez St. One - story and basement frame dwelling.
Owner—Dolores Realty Co., 3090 16th Street.
Architect—Not Given.
Contractor—A. H. Ohlsen, 242 Vienna. $3,500

ALTERATIONS
(1516) 131 POWELL ST. Alter store.
Owner—G. M. Hutcheons, % contractor.
Architect—Not Given.
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street. $2,000

DWELLING
(1517) W STANYAN 66 N Turk St. One - story and basement frame dwelling.
Owner—Kenneth Evers, 97 San Pablo.
Architect—John D. Young, 2002 California Street.
Contractor—Kenneth Evers, 97 San Pablo. $4,500

DWELLING
(1518) S PACHECO 115 E 15th Ave. Two - story and basement frame dwelling.
Owner and Builder—H. K. Thompson, 1427 Willard St.
Architect—Not Given. $3,000

ALTERATIONS
(1519) 148 SPEAR ST. Alter factory.
Owner—Garratt - Callahan Co., premises.
Engineer—W. H. Ellison, Pacific Bldg. $5,000

ALTERATIONS
(1520) NW HAMPSHIRE AND 24th Streets. Alter store.
Owner & Contractor—Emilie E. Koenig, 1202 Hampshire St.
Architect—Not Given. $1,000

DWELLING
(1521) W DARIEN WAY 92 E Westgate. One-story and basement frame dwelling.
Owner—J. & C. Sinz, 110 Sutter St., San Francisco.
Architect—Geo. E. Ralph, 110 Sutter St., San Francisco.
Contractor—Independent Constr. Co., 549 Fell St., San Francisco. $5000

DWELLING
(1522) W ROSSI ST. 118 N Turk St. One-story and basement frame dwelling.
Owner—The Cicerone Co., 1101 Potrero Ave., San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco. $5000

DWELLING
(1523) W ROSSI ST. 93 N Turk St. One-story and basement frame dwelling.
Owner—The Cicerone Co., 1101 Potrero Ave., San Francisco.
Architect—Conrad T. Kett, 519 California St., S. F. $4000

DWELLING
(1524) N FITZGERALD AVE. 157 S Phelps. One-story and basement frame dwelling.
Owner—J. Blum, 212 Silliman St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1525) NE FITZGERALD ST. 182 S Phelps St. One-story and basement frame dwelling.
Owner — J. Blum, 212 Silliman St., San Francisco.
Architect—Not Given $4000

DWELLING
(1526) SW TIOGA ST. 75 E Rutland St. One-story and basement frame dwelling.
Owner—Ray Burke, 483 Valencia St., San Francisco.
Architect—C. M. Cook, 2363 33rd Ave., San Francisco.
Contractor—Jack Baker, Brisbane. $1800

ALTERATIONS
(1527) NO. 727 SECOND AVENUE. Alter dwelling.
Owner—Leo Mayer, Premises.
Architect—Not Given. $4000

FLATS
(1528) SW JONES AND BERNARD Sts. Two-story and basement frame flats.
Owner — T. & A. Domeniconi, 1140 Pacific Ave., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco. $5000

ALTERATIONS
(1529) NO. 356 LELAND AVE. Alter dwelling.
Owner—G. Bertolina, Premises.
Architect—Not Given.
Contractor—Independent Constr. Co., 549 Fell St. $1000

DWELLING
(1530) NW JUANITA WAY 30 SW Fowler St. One-story and basement frame dwelling.

Owner—Meyer Bros., 735 Portola Dr., San Francisco.
Architect—Not Given. $3800

DWELLING
(1531) E SEVENTEENTH AVE. 100 N Ortega St. One-story and basement frame dwelling.
Owner—G. A. Munro, 1390 Clay St., San Francisco.
Architect—Not Given.
Contractor—E. J. N. Berg, 24 Stillings St.- San Francisco. $3500

STATION
(1532) SW Van NESS & PACIFIC Ave. Class C service station.
Owner—Mohawk Petroleum Co., Financial Center Bldg., San Francisco.
Architect—Not Given.
Contractor — M. Fisher & Son, 1405 Bush St., San Francisco. $4000

DWELLING
(1532) S FOWLER ST. 126 W Terisita St., One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr., San Francisco.
Architect—Not Given. $4000

STATION
(1634) SW VAN NESS & PACIFIC Aves. Class C. Service station.
Owner—Mohawk Petroleum Co., Financial Center Bldg., San Francisco.
Architect—Not Given.
Contractor — M. Fisher & Son, 1405 Bush St., San Francisco. $4000

DWELLING
(1535) S SEVENTEENTH ST. 127 W Cole St. Two-story frame dwelling.
Owner—Charles McGrath, 38 Mars St., San Francisco.
Architect—Not Given. $4500

DWELLING
(1536) SEVENTH AVE. 112 N Moraga Ave. One-story and basement frame dwelling.
Owner — Chas. Greenberg, 3118 23rd St., San Francisco.
Architect—Not Given. $2700

RESTAURANT
(1537) W VALENCIA ST. — S Hill St. Two-story frame restaurant and store.
Owner—Genoa Club, 31 Alvarado St., San Francisco.
Engineer—J. A. Cole, 280 14th Street, San Francisco. $8000

ALTERATIONS
(1538) NO. 736 KANSAS ST. Alter flats and private garage.
Owner—Harry Polos, Premises.
Architect—Not Given.
Contractor—Bay Shore Concrete Co., 395 Vermont St. $1200

DWELLING
(1539) N RIVERA ST. 95 E 31st Ave. One-story and basement frame dwelling.
Owner——C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3600

ALTERATIONS
(1540) NO. 406 - 408 CLEMENT ST. Alter store and dwelling.
Owner—Marion Thompson and Mrs. Julian T. Anderson, 464 California St., San Francisco.
Architect—Geo. E. Ralph, 110 Sutter St., San Francisco.
Contractor—L. A. Hinson, 756 4th Ave., San Francisco. $5000

ALTERATIONS
(1541) NO. 2464 MISSION STREET. Alter store.
Owner—George Young, 827 Guerrero St., San Francisco.
Architect—Not Given.
Contractor—Thos. A. Cuthbertson, 430 Noriega St., S. F. $2000

DWELLING
(1542) W FERNWOOD 240 S Ravenswood. Two-story and basement frame dwelling.
Owner—Paul A. Wolter Jr., 190 Maywood Drive., San Francisco.
Architect—Conrad T. Kett, 519 California St., S. F. $5000

DWELLING
(1543) S CABRILLO ST. 95 W 31st Ave. One-story and basement frame dwelling.
Owner—Bryan Feerick, 891 39th Ave San Francisco.
Plans By B. K. Dobkowitz, 425 Monterey Blvd., San Francisco. $4500

DWELLING
(1544) S CABRILLO ST. 120 W 31st Ave. One-story and basement frame dwelling.
Owner—Bryan Feerick, 891 39th Ave., San Francisco.
Plans By B. K. Dobkowitz, 425 Monterey Blvd., San Francisco. $4500

ABATTOIR
(1545) NW EVANS AVE. & MENdell St. Class B abattoir.
Owner—South San Francisco Packing & Provision Co., 1510 Galvez St., San Francisco.
Engineer—Jas. M. Smith, 251 Kearny St., San Francisco.
Contractor—Jas. L. McLaughlin, 251 Kearny St., S. F. $20,000

DWELLING
(1546) E TWENTY SEVENTH AVE 125 S Lawton St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th, San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(1547) NO. 458 COLUMBUS AVE. Alter restaurant.
Owner—A. Gazzera, 3343 Octavia St., San Francisco.
Architect—Not Given.
Contractor — Rome Carpenter Shop, 1659 Powell St. $1500

DWELLING
(1548) N SEVENTEENTH ST. 350 E Temple St. One-story frame dwelling.
Owner — Hyman Hoffman, 865 Capp St., San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(1549) NO. 407 SANCHEZ STREET. Alter power plant.
Owner—New Method Laundry Co., 407 Sanchez St., San Francisco.
Engineer—W. H. Archer, 564 Market St., San Francisco. $4000

DWELLING
(1550) E CAYUGA AVE. 50 S Ocean Ove. One-story and basement frame dwelling.
Owner—A. De Benedetti, 100 Brazil Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—A. De Benedetti & Son. 100 Brazil Ave., S. F. $3500

DWELLING
(1551) E CAYUGA AVE. 90 N San Juan Ave. One-story and basement frame dwelling.
Owner—A. De Benedetti, 100 Brazil Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—A. De Benedetti & Son. 100 Brazil Ave., S. F. $3500

DWELLING
(1552) S MENDOSA AVE. 100 W 9th Ave. One-story and basement frame dwelling.
Owner—Henry C. Lafrenz, 350 Laguna Honda Blvd., San Francisco.
Architect—Not Given.
Contractor—Frank F. Nelson Inc., 2 Edgehill Way, S. F. 7900

DWELLING
(1553) N ESCOLTA WAY 238 E 33rd Ave. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jackle, 126 Post St., San Francisco. $3750

DWELLING
(1554) N ESCOLTA WAY 188 E 33rd Ave. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco $3750

DWELLING
(1555) N ESCOLTA WAY 263 E 33rd Ave. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jackle, 126 Post St., San Francisco $3750

DWELLING
(1556) N ESCOLTA WAY 213 E 33rd Ave. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jaekle, 126 Post St. San Francisco $3750

DWELLING
(1557) S PALOU AVE. 150 E Phelps St. One-story and basement frame dwelling.
Owner — Leroy B. K. Sharmon, 1763 Palou Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1558) S PALOU AVE. 175 E Phelps St. One-story and basement frame dwelling.
Owner — Leroy B. K. Sharmon, 1763 Palou Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1559) DOLORES AND SIXTEENTH Sts. One-story and basement frame dwelling.
Owner—Sisters of Holy Trinity, Inc., Premises.
Architect—E. A. Eames, 216 Pine St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $9000

DWELLING
(1560) W THIRTY-FIFTH AVE. 250 N Santiago St. One-story and basement frame dwelling.
Owner—C. E. Graham, 1257 20th Ave., San Francisco.
Architect — Norman R. Coulter, 46 Kearny St., S. F. $4000

(1561) W THIRTY-FIFTH AVE. 275 N Santiago St. One-story and basement frame dwelling.
Owner—C. E. Graham, 1257 20th Ave., San Francisco.
Architect — Norman R. Coulter, 46 Kearny St., S. F. $4000

ALTERATIONS
(1562) W MORRIS ST. 115 S Bryant St. Alter iron shop.
Owner—Kern & Son Iron Works, 517 6th St., San Francisco.
Architect—Not Given.
Contractor — Thomas M. Jones, 643 29th Ave., San Francisco. $1800

ALTERATIONS
(1563) NO. 1185 MARKET STREET. Alter stores.
Owner — Eighth and Market Reaity Co., Crystal Palace Market, S. F.
Architect—Not Given.
Contractor—Phoenix-Simpton Co., 520 6th St., San Francisco. $2000

DWELLING
(1564) E TWENTY-SEVENTH AVE. 225 S Lawton St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $400

ALAMEDA COUNTY

1140	Brasch	Owner	5000
1141	Rufener	Owner	1700
1142	Fogelstrom	Owner	5800
1143	Nelson	Nelson	5500
1144	Conrad	Pleitner	4000
1145	Pfrang	Owner	5500
1146	Jensen	Jensen	4000
1147	Majdick	Chesney	1230
1148	Bernard	Owner	5000
1149	MacGregor	Owner	4000
1150	Netherby	Owner	4000
1151	Hubbard	Owner	5000
1152	Hill	Melrose	1500
1153	Metz	Milton	1980
1154	Johnson	Owner	4000
1155	Taylor	Owner	5000
1156	Union	Kelly	6000
1157	Associated	Owner	4500
1158	Wiggins	Owner	2700
1159	Alten	Waldman	4250
1160	Dailey	Paige	1728
1161	Naumann	Owner	1500
1162	Tolman	Mueller	3000
1163	Robinson	Stead	3000
1164	Tolman	Mueller	6500
1165	James	Shapero	3000
1166	Carlson	Owner	7400
1167	Rombo	Sorensen	2700
1168	Dezzani	Delucchi	6000
1169	Wolff	Owner	3800
1170	Parks	Parks	2000
1171	Berkeley	Owner	1000
1172	Richardson	Owner	1000
1173	Simi	Star	1600
1174	Trumbo	Sponhelm	5000
1175	Kendall	Reliable	6000
1176	Herceg	Anderson	4500

DWELLING
(1140) 229 HERMOSA AVE., OAKLAND. Two-story 6-room dwelling.
Owner & Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given. $5,000

ALTERATIONS
(1141) 4497 HOWE ST., OAKLAND. Alterations and addition.
Owner and Contractor—Mary Rufener, premises.
Architect—Not Given. $1,700

DWELLING
(1142) 2000 CLEMENS ROAD, OAKLAND. Two-story 6-room dwelling.
Owner and Builder — Herbert Fogelstrom, 711 Calmar Ave., Oakland.
Architect—Ray F. Keefer, 585 Mandana Blvd., Oakland. $5,800

DWELLING
(1143) 1950 HOOVER AVE., OAKLAND. Two-story 6-room dwelling.
Owner—Rachael H. Nelson, 415 Bellevue Ave., Oakland.
Architect—Not Given.
Contractor—H. Nelson, 415 Bellevue Ave., Oakland. $5,500

DWELLING
(1144) 1775 CASTERLINE RD., OAKLAND. One-story 6-room dwelling.
Owner—Dorothy Conrad.
Architect—Not Given.
Contractor—H. A. Pleitner, 4021 East 14th St., Oakland. $4,000

DWELLING
(1145) 209 MANDALAY RD., OAKLAND. One-story 6-room dwelling.
Owner and Builder—C. J. Pfrang, 6300 Claremont Ave., Oakland.
Architect—Not Given. $5,500

DWELLING
(1146) 3806 BEAUMONT AVE., OAKLAND. One-story 6-room dwelling.
Owner—O. E. Jensen, 236 Wayne St., Oakland.
Architect—Not Given.
Contractor—H. K. Jensen, 1440 Broadway, Oakland. $4,000

ALTERATIONS
(1147) 1391 12th ST., OAKLAND. Alterations.
Owner—Mrs. M. Majdick, 1391 12th St., Oakland.
Architect—Not Given.
Contractor—A. J. McChesney, 1045 Aileen St., Oakland. $1230

DWELLING
(1148) 4049 WATERHOUSE ROAD, OAKLAND. One-story six-room dwelling.
Owner & Builder—R. B. Bernard, 725 Warfield Ave., Oakland.
Architect—Not Given. $5,000

DWELLING
(1149) 1543 BUENA ST., BERKELEY. One-story 5-room dwelling and garage.
Owner and Builder—C. M. MacGregor, 1391 Solano Ave., Berkeley.
Architect—Not Given. $4,000

DWELLING
(1150) NO. 452 VASSAR ST., **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner—W. A.Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given. $4000

DWELLING
(1151) NO. 750 KEELER STREET, **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner—J. F. Hubbard, 5412 Proctor Ave., Oakland.
Architect—Not Given. $5000

ADDITION
(1152) NO. 2847 LONDON ROAD, **OAKLAND.** Addition.
Owner—E. L. Hill, Premises.
Architect—Not Given.
Contractor — Melrose Builders, 1700 4th Ave., Oakland. $1500

STATION
(1153) NO. 896 THIRTY - EIGHTH St., **OAKLAND.** One-story steel service station.
Owner—H. Metz.
Contractor — B. Milton, 589 Haddon Road, Oakland. $1980

DWELLING
(1154) NO. 7528 OUTLOOK AVE., **OAKLAND.** One-story five-room dwelling.
Owner — K. A. Johanson, 2057 High St., Oakland.
Oakland.
Architect—Not Given. $4000

DWELLING
(1155) NO. 718-720 BEATIE STREET, **OAKLAND.** One-story 8-room 2-family dwelling.
Owner—F. S. Taylor, 1622 Harrison St., Oakland.
Architect—Not Given. $5000

STATION, ETC.
(1156) NO. 3500 FOOTHILL BLVD., **OAKLAND.** One-story steel service station and one-story steel comfort station.
Owner—Union Oil Co., Mills Tower, San Francisco.
Architect—Not Given.
Contractor — R. P. Kelly, 2227 20th Ave., San Francisco. $6000

ALTERATIONS
(1157) NO. 3404 FOOTHILL BLVD., **OAKLAND.** Alterations and addition to service station.
Owner — Associated Oil Co., 79 New Montgomery St,, San Francisco.
Architect—Not Given. $4500

DWELLING
(1158) NO. 6401 THORNHILL DRIVE **OAKLAND.** One-story five-room dwelling.
Owner—J. S. Wiggins, 77 Stratford Road, Berkeley.
Architect—Not Given. $2700

DWELLING
(1159) NO. 3121 BROOKDALE AVE., **OAKLAND.** One-story six-room dwelling.
Owner—E. Alten, 3125 Brookdale Ave. Oakland.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 Mckillop Road, Oakland. $4250

FOUNDATION
(1160) 35 LINCOLNSHIRE DRIVE, **OAKLAND.** Concrete foundation.
Owner—Frank S. Dailey, 671 Longridge Road, Oakland.
Architect—C. B. Earton, 522 Grand Ave., Oakland.
Contractor—Harold L. Paige, 5651 Oak Grove Ave., Oakland. $1728

ADDITION
(1161) NO. 4222 MOUNTAIN VIEW Avenue, **OAKLAND.** One-story frame addition.
Owner—Erick Naumann, 4218 Mountain View Ave., Oakland.
Architect—Not Given. $1500

DWELLING
(1162) NO. 1501 HAWTHORNE TERrace, **BERKELEY.** One-story 3-room dwelling and garage.
Owner—E. C. Tolman, 1530 La Loma, Berkeley.
Architect—Gettes Jackson.
Contractor—T. R. Mueller, 111 Fresno St., Berkeley. $3000

ALTERATIONS
(1163) NO. 2715 CLAREMONT BLVD. ..**BERKELEY.** Alterations.
Owner—R. S. Robinson, Premises.
Architect — Edwin L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—F. A. Stead, 3026 Boise St., Berkeley. $3000

DWELLING
(1164) NO. 1503 HAWTHORNE TERrace, **BERKELEY.** Two-story 6-room frame dwelling.
Owner—E. C. Tolman, 1530 La Loma, Berkeley.
Architect—Gettes Jackson.
Contractor—T. R. Mueller, 111 Fresno St., Berkeley. $3000

DWELLING
(1165) NO. 1126 GRIZZLY PEAK Blvd., **BERKELEY.** Two-story five-room frame dwelling and garage.
Owner—D. L. James, 2577 Rose St., Berkeley.
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley.
Contractor—S. M. Shapero, 1710 Portland Ave., Berkeley. $8000

DWELLING
(1166) NO. 6214 ACACIA AVENUE, **OAKLAND.** Two-story 7-room dwelling.

Owner—A. Carlson, 2329 Edwards St., Berkeley.
Architect—Not Given. $7400

DWELLING
(1167) NO. 6281 ASPINWALL ROAD, **OAKLAND.** One-story three-room dwelling.
Owner—Tobias Rombo, 816 Aileen St., Oakland.
Architect—Not Given.
Contraactor — E. M. Sorensen, 1907 Parker St., Berkeley. $2700

DWELLING
(1168) NO. 4137 WHITTLE STREET, **OAKLAND.** One-story six-room dwelling.
Owner—J. Dezzani, Premises.
Architect—Not Given.
Contractor—P. Delucchi & Son, 5443 Claremont Ave., Oakland. $6000

DWELLING
(1169) NO. 5434 HOPKINS STREET, **OAKLAND.** One-story six room dwelling.
Owner—P. A. Wolff, 4514 E-14th St., Oakland.
Architect—Not Given. $3800

ALTERATIONS
(1170) NO. 688 GRIZZLY PEAK Blvd., **BERKELEY.** Alterations and Additions.
Owner—H. G. Parks, 1717 Oxford St., Berkeley.
Architect—Not Given.
Contractor—R. F. Parks, 1604 Addison St., Berkeley. $2000

ALTERATIONS
(1171) NO. 940 HEINZ STREET, **BERKELEY.** Alterations.
Owner—Berkeley Board of Education 2325 Milvia St., Berkeley.
Architect—Not Given. $1000

ADDITIONS
(1172) NO. 2912 BENVENUE AVE., **BERKELEY.** Additions.
Owner—Frances H. Richardson, 2831 Garber St., Berkeley.
Architect—Not Given. $1000

ADDITIONS
(1173) NO. 1425 HARMON STREET, **BERKELEY.** Additions.
Owner—G. Simi, Premises.
Architect—Not Given.
Contractor—The Star Building Co., 1628 Oregon St., Berkeley. $1600

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
86	Associated	Early	4481
87	Associated	Grant	4577
85	Taravellier	S. F.	5050
88	Associated	Grant	4469
89	Associated	Independent	3939
90	Cancilla	Rousseau	25400
91	Colorcraft	Vukicevich	15255
92	Thompson	Hinson	5795

STATION
(86) NE LOMBARD AND STEINER Sts. All work for reconstruction of service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.
Filed July 25, '36. Dated July 20, '36.
Within 10 days of completion 75%
Usual 35 days..... 25%
TOTAL COST, $4481
Bond, $4481. Surety, Globe Indemnity Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

STATION
(87) SE CALIFORNIA AND STEINER Sts. All work for service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Grant-Martinelli Constr. Co., 44 Mary St., San Francisco.
Filed July 25, '36. Dated July 17, '36.
Within 10 days of completion 75%
Usual 35 days..... 25%
TOTAL COST, $4577
Bond, $4577. Surety, Globe Indemnity Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(85) NW CHURCH AND CUMBERland Sts. 155x228. All work for excavating, grading and removing walls, etc. on lot.
Owner—Justin Taravellier.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor — San Francisco Grading Company.
Filed July 24, '36. Dated July 20, '36.
Every two weeks..... 65%
Usual 35 days..... 35%
TOTAL COST, $5050
Bond, $2525. Sureties, L. Montgomery and H. S. Spaulding. Limit, 30 days. Forfeit, $10. Plans and specifications filed.

STATION
(88) NE PRESIDIO AVE. & GEARY St. All work for rebuilding service station.
Owner—Associated Oil Co., 74 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor — Grant Martinelli Constr. Co., 44 Mary St., San Francisco.
Filed July 28, '36. Dated July 21, '36.
When completed 75%
Usual 35 days..... 25%
TOTAL COST, $4469
Bond, $4469. Surety, Globe Indemnity Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

SERVICE STATION
(89) NE LOMBARD AND STEINER Sts. All work for steel type F service station.
Owner—Associated Oil Co., 74 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Independent Iron Works, 821 Pine St., Oakland.
Filed July 28, '36. Dated July 23, '36.
When completed 75%
Usual 35 days..... 25%
TOTAL COST, $3939
Bond, $3939. Surety, Globe Indemnity Co. Limit, 25 days. Forfeit, none. Plans and specifications filed.

FLATS
(90) N UNION ST. 175 E Baker St. 50x138. All work for two two-story and basement frame flats.
Owner—Nicola and Rosalia Cancilla.
Architect — Albert H. Larson, 333 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Filed July 28, '36. Dated July 27, '36.
Frame up 25%
Brown coat plaster on..... 25%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, $25,400
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

FACTORY
(91) E ALABAMA ST. 88 S Mariposa St. All work for one-story frame factory.
Owner—Colorcraft Corporation, Ltd.
Architect—John F. Beutler, 110 Sutter St., San Francisco.
Contractor — M. E. Vukicevich, 666 Mission St., San Francisco.
Filed July 29, '36. Dated July 6, '36.
1st and 15th of month..... 75%
Usual 35 days..... 25%
TOTAL COST, $15,255
Bond, $7328. Sureties, C. E. Reinhart and A. E. Smith. Limit, 65 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(92) N CLEMENT S., bet. 5th and 6th Aves. All work for alterations to dwelling.
Owner—Mrs. Lillian B. Thompson & Mrs. M. T. Anderson.
Architect—Geo. E. Ralph, 110 Sutter St., San Francisco.
Contractor—Louis A. Hinson, 756 4th Ave., San Francisco.
Filed July 29, '36. Dated June 9, '36.
Frame up $1448.75
Plaster on 1448.75
When completed 1448.75
Usual 35 days..... 1448.75
TOTAL COST, $5795
Bond, $5795. Surety, Hartford Accident & Indemnity Co. Limit, 90 days. Forfeit, plans and specifications, none.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
81	Ivie	Walstrom	4300
95	Leighly	Skovmand	5960
96	Mountain	Dinwiddie	10939
98	Union	Kelly	5285
99	Regents	Bertelson	2675

RESIDENCE
(95) PTN LOT 24, Berkeley View Homestead, Berkeley. Residence.
Owner—Dr. and Mrs. J. B. Leighly, 1008 Merced St., Berkeley.
Architect—Geo. P. Simonds, 80 Main St., Hayward.
Contractor—Peter Skovmand and N. T. Lewis, 26392 Mohr Drive, Mt Eden.
Fifth day after roof on..... $1490
Fifth day after plastering..... 1490
Fifth day after completion..... 1490
Usual 35 days..... 1490
TOTAL COST, $5960
Limit, 90 days. Plans and Spec. filed.

IMPROVEMENTS
(96) END PIEDMONT AVE., Oakland. Completion of second story around patio of mausoleum.
Owner—Mountain View Cemetery Association.
Architect—W. P. Day, 1502 Financial Center Bldg., Oakland.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.
Filed, July 23, '36. Dated, July 20, '36.
15th day of each month..... 75%
Usual 35 days..... 25%
Limit, Sept. 30, 1936. Plans and Spec. filed.
TOTAL COST, $10,939

STATION
(98) THIRTY-FIFTH ST. AND Foothill Blvd., Oakland. All work for service station.
Owner—Union Oil Co., Los Angeles.
Architect—Not Given.
Contractor—Robert P. Kelly, 2227 27th Ave., San Francisco.
On or before 5th and 20th of each month 75%
Usual 35 days..... Balance
TOTAL COST, $5285
Bond, $5285. Surety, National Surety Corp. Limit, 35 days. Forfeit, none. Plans and specifications filed.

TEST PIT
(99) UNIVERSITY OF CALIFORNIA Berkeley. All work foor construction of test pit and connecting channel of hydraulic model basin.
Owner—Regents of University of Calif. Berkeley.
Engineer—Thos. James, University of California, Berkeley.
Contractor — S. J. Bertelson, 30 Estrelda Ave., Piedmont.
Filed July 27, '36. Dated July 25, '36.
When completed 75%
Usual 35 days..... 25%
TOTAL COST, $2675
Bonds, $1500 labor and material; $1500 performance. Surety, Maryland Casualty Co. Limit, 10 days. Forfeit, $10 per day. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
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6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Preparing Working Drawings
ALTER APTS.
LOS ANGELES, Calif., 8258 Sunset Blvd.
Alterations to Sunset Tower Apartment building (new entrance and lobby, wood paneling, decorating, etc.)
Owner—Allied Properties, San Francisco.
Architect—G. Albert Lansburgh, 321 Bush St., San Francisco.

Sub-Contracts Awarded
APARTMENTS Cost, $50,000
SAN FRANCISCO. SW Webster and North Point Streets.
Three-story and basement frame and stucco apartment building.
Owner and Builder—A. J. Houda, care Edward Jose, 251 Kearny Street.
Architect—H. C. Baumann, 251 Kearny Street.
Structural Engineer—Jas. Smith, 251 Kearny Street.
Mgr. of Const.—Edward Jose, 251 Kearny Street.
Steel—Golden Gate Iron Works, 1541 Howard Street.
Lumber—Loop Lumber Co., Central Basin.

4— FACTORIES & WAREHOUSES

Contract Awarded
WAREHOUSE Contract Price, $76,500
SACRAMENTO, Sacramento Co., Cal. Third and R Streets.
One-story reinforced concrete warehouse.
Owner—Thomson - Diggs Co., Sacramento.
Structural Engineer — T. Ronneberg, Crocker Bldg., San Francisco.
Contractor—William C. Keating, 1211 24th St., Sacramento.

To Be Done By Day's Work.
ALTERATIONS Cost, $6000
SAN FRANCISCO. No. 148 Spear Street.
Alterations to factory.
Owner—Garratt-Callahan Co., Prem.
Engineer — W. H. Ellison, Pacific Bldg., San Francisco.

Contract Awarded
FACTORY Cost, $14,000
EL CERRITO, Contra Costa Co., Cal.
One-story brick and hollow tile factory (75x150 feet) corrugated iron roof, concrete floors, etc.
Owner — Technical Porcelain Chinaware Company.
Architect—Jas. Narbett, 462 31st St., Richmond.
Contractor—Chris Theis, 1937 Garvin Ave., Richmond

Plans Being Figured—Bids Close Aug. 26, 2 P. M.
DAIRY PLANT Cost, $100,000
CAMARILLO, Ventura Co., Cal. State Hospital.
Dairy plant (comprising six buildings) reinforced concrete construction, corrugated iron, wood and plaster, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Bids are being taken as follows:
(1) General work.
(2) Plumbing.
(3) Heating.
(4) Electrical.
Plans and specifications may be obtained from above office upon deposit of $25.00.

Plans Being Figured
WAREHOUSE Cost, $36,000
OAKLAND, Alameda Co., Calif. Foot of East Seventh Street.
One-story wood frame and corrugated iron warehouse (157x200-ft.)
Owner—Taylor Milling Company.
Engineer—E. Springer, 2201 E Seventh St., Oakland.

Contract Awarded
ADDITION Cost, $1,100,000
TACOMA, Wash. North End, Middle Waterway.
Addition to mill (new cutup plant, mill construction) addition to the main plant (masonry construction and steel) new wharf, involving 100,000 bd. ft. of timber.
Owner—St. Regis Kraft Co. (Ossian Anderson, vice-president).
Plans by Engineering Dept. of Owner.
Contractor—Howard S. Wright & Co., Inc., 2210 Second Ave., Seattle.

Sub-Contracts Awarded
ADDITION Cost, $8,000
OAKLAND, Alameda Co., Calif. 1249 Sixty-seventh Street.
Addition to factory.
Owner—F. A. B. Mfg. Co., 67th and Vallejo Sts., Oakland.
Architect—Not Given.
Contractor—McWethy and Porter, 51 Vernon St., Oakland.
Lumber—Hill Lumber Co., Berkeley.
Steel Sash—Detroit Steel Products Co. 63rd and Doyle Sts., Oakland.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.

Sub-Contracts Awarded
HANGARS Cont. Price, $736,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Two permanent airplane hangars (pile foundations, reinforced concrete & steel construction).
Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President) Financial Center Bldg., San Francisco.
Architects—W. P. Day, Director of Works, Financial Center Building San Francisco; George Kelham, chairman of Exposition Architectural Commission; Arthur Brown, Jr., Timothy Pflueger, Ernest Weihe, W. G. Merchant and Lewis Hobart, members of Architectural Commission (Spec. W. D. 107).
Contractor—MacDonald and Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco.
Pile Driving—Healy - Tibbitts Const. Co., 64 Pine Street.
Structural Steel—Judson - Pacific Co., 609 Mission Street.
Steel Sash — Truscon Steel Co., 604 Mission Street.
Miscellaneous Iron—F. Kern & Sons, 517 Sixth Street.
Mill Work—Pacific Mfg. Co. 454 Montgomery Street.
Hardware—Palace Hardware Co., 581 Market Street.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard St.
Composition Roofing—Empire Roofing Co., 239 Trumbull St.
Painting—A. A. Zelinsky, 3011 Steiner Street.
Plumbing—O'Mara & Stewart, Ltd., 218 Clara Street.
Gunite—Edwin Anderson, 998 Gilman Avenue.

Contracts Awarded
ADDITIONS Cost, $250,000
SAN FRANCISCO Carroll and Newhall Avenues.
Addition to brewery (fermenting cellar, storage cellar, boiler house) reinforced concrete and steel construction.
Owner—General Brewing Corp., 2601 Newhall Avenue.
Architect—Fred. H. Meyer, Kohl Bldg.
Contractor—Cahill Bros., 206 Sansome Street.
Following sub-contracts awarded.
Structural Steel—Western Iron Works 141 Beale Street.
House Moving—D. J. & T. Sullivan, 1942 Folsom Street.
Sub-bids on other portions of the work will be asked in about 60 days.

5— FLATS

To Be Done By Day's Work
FLATS Cost, $6,500
SAN FRANCISCO—SW Jones & Bernard Sts.
Two-story and basement frame and stucco flats.
Owner—T. and A. Domeniconi, 1140 Pacific Street.
Architect—F. W. Dakin, 625 Market St.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost $4,481
SAN FRANCISCO—NE Lombard & Steiner St.
Reconstruct service station.
Owner Associated Oil Co., 79 New Montgomery St.
Contractor — Fred J. Early, 639 Pine Street.
Plans by Eng. Dept of owner.

Contract Awarded.
SERVICE STATION Cost, $4577
SAN FRANCISCO. SE California and Steiner Streets.
Reconstruction of service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Grant-Martinelli, 44 Mary St., San Francisco.

Planned.
SERVICE STATION Cost, $5500
SAN CARLOS, San Mateo Co., Calif. NW Bush St. and El Camino Real.
New service station.
Owner—S. W. Crozier.
Plans by Engineering Dept. of Lessee
Lessee — Richfield Oil Co., 248 Battery St., San Francisco.

Contract Awarded.
SERVICE STATION Cost. $5000
OAKLAND, Alameda Co., Cal. No. 1101 Fifth Street.
Owner—J. J. McElroy, Plaza Bldg., Oakland.
Architect—Alben Froberg, 1955 Webster St., Oakland.
Contractor — H. J. Christensen Co., 1955 Webster St., Oakland.

Contract Awarded.
SERVICE STATION Cost, $2500
OAKLAND, Alameda Co., Calif. No. 896 Thirty-eighth Street.
One-story steel service station.
Owner—H. Metz.
Architect—Not Given.
Contractor—B. Milton, 589 Haddon Road, Oakland. 6

7— FEDERAL BUILDINGS

Low Bidders
MAGAZINES Cost, $——
HICKAM FIELD, T. H.
Six 40x25x10-ft. Igloo Type reinforced concrete underground magazines with wood barricades and two 8x 8-ft. black powder magazines with wood barricades and a seven-foot high non-climable fencing around entire magazine area.
Owner—United States Government.
Plans by Constructing Quartermaster, Hickam Field, T. H.
Low Bidder—Ralph E. Woolley, Honolulu, T. H.
Three low bids follow:
Ralph E. Woolley, Honolulu..... $65,100
Walker & Olund, Ltd., Honolulu 65,990
Jas. W. Glover, Honolulu..... 69,640
Bids held under advisement.
(9561) 1st report May 8; 2nd, June 9, 1936. • 7

Bid Opening Date Postponed Until August 10, 1 P. M.
POST OFFICE Cost, $67,000
TRACY, San Joaquin Co., Cal. 12th and East Adams Streets.
U. S. post office building (two - story, 87x65-feet) concrete walls, stone trim, tile roof, ornamental iron work, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
One set of plans and specifications obtainable from the above office free; additional sets obtainable at a charge of $5 per set.
On previous bid opening lowest bid was submitted by K. E. Parker Co., 135 South Park, San Francisco, at $51,492.

Sub Contracts Awarded
POST OFFICE Contract Price, $62,688
UKIAH, Mendocino Co., Calif. NW. Oak and Perkins Sts.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Contractor—Robt. McCarthy, 1363 14th Ave., San rancisco.
Roofing—G. W. Davenport, San Rafael.
Plumbing—Daniel Hayes, 1657 Market St., San Francisco.
Electric Wiring—B. J. Doherty, 1725 Church St., San Francisco.
Heating—Daniel Hayes, 1657 Market St., San Francisco.
Sheet Metal—Morrison Co. 74 Duboce Ave., San Francisco.
Tile—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Stone Work — McGilvray Raymond Corp. 3 Potrero Ave., San Francisco.
Lumber—Pacific Lumber Co.
Hardware—E. M. Hundley, 662 Mission St., San Francisco.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland
Foundations have been poured.

CONTRACT AWARDED
MERCED, Cal.—Raphael Co., 270 Tehama St., San Francisco, at $1045 awarded contract by Treasury Department for painting plaster at the U. S. Post Office, Merced. •

BIDS WANTED
KETCHIKAN, Alaska. — Until Aug. 13, 1 P. M., bids will be received by Treasury Department, Washington, D. C., for furnishing and installing passenger elevator in the proposed Ketchikan post office.
Plans and specifications may be obtained from above office.

Bid Opening Postponed Until Sept. 9, 1:00 P. M.
POST OFFICE AND COURTHOUSE Cost, $6,250,000
LOS ANGELES, Cal. Spring, Temple and Main Streets.
Sixteen-story U. S. Post Office and Courthouse Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Consulting Architect—Gilbert Stanley Underwood, 408 South Spring St., Los Angeles.
It will cover a ground area of approximately 140,000 square feet and will be a steel frame structure faced with granite. The appropriation is $6,250,000. The site has frontages of 525 feet on Spring and Main Sts. and a frontage of 300 feet on Tepmle St. It is understood that the contract for the new building will include the demolition of the existing Post Office. The wrecking of several smaller structures on the site is now underway.
Plans and specifications may be obtained from the Treasury Department Washington, D. C.

Plans Being Prepared.
POST OFFICE Cost, $265,000
SALEM, Oregon.
One and two-story post office building (136 x 113 feet) granite facing sandstone or terra cotta exterior, terrazzo floors, marble wainscoting, metal windows, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept. Washington, D. C.
Bids will be asked shortly.

CONTRACT AWARDED
COMPTON, Los Angeles Co., Cal.—Public Building Contractors, Bronx, New York, at $215 awarded contract by Treasury Department for furnishing and installing wrought iron hand railing at the post office in Compton

BIDS REJECTED
HUNTINGTON BEACH, Cal.—The Treasury Department rejected bids for wood entrance, vestibule, etc., at the Post Office, Huntington Beach.

Bids Wanted—To Close Aug. 27, 1 P. M.
POST OFFICE Cost, $65,000
VACAVILLE, Solano Co., Calif.
U. S. post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office.

PLANS ON FILE
LOS ANGELES, Calif.—Plans and specifications for the Acute Building No. 205 to be erected at Veterans' Administration Facility, Los Angeles, are on file in the office of DAILY PACIFIC BUILDER and may be inspected by those interested. Blds are scheduled to be opened Sept. 1, 1:30 P. M., in Washington, D. C. •

8— CLUB BUILDINGS

Preparing Preliminary Plans
REBUILD CLUB Cost, $300,000
RENO, Washoe Co., Nevada.
Rebuild Reno Country Club (recently destroyed by fire).
Owner—Reno Country Club.
Architect—Frederick W. Quandt, 401 Phelan Bldg., San Francisco.
(11) 1st report July 10, 1936. 8

Plans Being Completed
REMODELING Cost, $10,000
NAPA, Napa Co., Cal. 920 Brown St.
Remodeling first floor exterior, stores and offices; interior remodeling on second floor, move stairway, new buffet and kitchen, interior decorating, etc.
Owner—Elks Lodge.
Plans prepared by C. Leroy Hunt, 989 Second St., Napa.
Bids will be asked in 2 weeks. •

Bid Opening Postponed Until Aug. 3, 8 P. M.
ALTERATIONS Cost, $8,000
SAN FRANCISCO, SE Mariposa and Vermont Streets.
Alterations to social hall (extend 30 feet in length; new ceiling, etc.)
Owner—Slovenian Association.
Engineer—M. Manov, Howden Bldg., Oakland.
Plans and specifications may be obtained at 698 Vermont St., San Francisco, and from the engineer in Oakland.

9— HOSPITALS

July 27, 1936

BIDS OPENED
HANFORD, Kings Co., Cal.—Mangrum Holbrook Co., 1235 Mission St., San Francisco, at $4182.34 submitted low bid to Kings County Board of Supervisors for furnishing and installing hospital kitchen equipment, tray trucks and sterilizers in the Kings County Hospital Building, Hanford.
Dohrman Hotel Supply Co., San Francisco, at $4289 submitted only other bid.
(76) 1 st report July 17, 1936. • 9

Bids Opened
ADDITION Cost, $260,000
CAMARILLO, Ventura Co., Cal. State Hospital.
Addition of Units 10 and 11 at State Hospital (two-story ward building six wards, 200 beds; and one-story hospital building, one dormitory, and 1- 2- and 4-bed rooms, 30 rooms) reinforced concrete construction, tile roof, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Low bids follow:
General Work—L. A. Geisler, 6212 Middleton St., Huntington Park, $214,995.
Heating and Ventilating—Yale-Riddell Co., 1826 S Main St., Los Angeles $16,748.
Electric—Moore Electric Co., 321 W. Third St., Los Angeles, $8,826.
Plumbing—Scott Co., 243 Minna St., San Francisco, $19,137.
Complete bids follow:

General Work
L. A. Geisler, Huntington Park $214,995
Los Angeles Contr. Co. and C. G. Wopschall, L. A..... 229,974

Heating and Ventilating
Yale-Riddell, L. A..... $16,748
J. Herman Co., L. A..... 17,660
Scott Co., San Francisco..... 18,077
Lohman Bros., Los Angeles .. 19,900

Electric
Moore Electric Co., L. A..... $ 8,826
Seaside Electric Co., Ventura.. 9,160
Coast Electric Co., Long Beach 9,759
Newbery Electric Corp., L. A.. 10,337
H. H. Walker, Los Angeles.... 10,600
Baty Electric Co., Los Angeles 11,083

Plumbing
Scott Co., San Francisco..... $19,137
Lohman Bros., Los Angeles 21,817
Bids held under advisement.

PREPARING PRELIMINARY PLANS
LOMPOC, Santa Barbara Co., Cal.—Architect R. A. Polley, Santa Maria, has prepared preliminary plans for a proposed community hospital to be built in Lompoc at an estimated cost of $30,000. Equipment would cost an

additional $10,000. Application will be made to the PWA for a 45% grant.

Plans Being Completed
DETENTION HOME Cost, $25,000
NAPA, Napa Co., Calif.
One-story frame and stucco detention home (140x32 ft.) to accommodate 16; lavatories, kitchen, offices, etc.
Owner—County of Napa.
Architect—George Sellon, California State Life Bldg., Sacramento.
Bids will be asked in two weeks.

10— HOTELS

FIRE LOSS
VACAVILLE, Solano Co., Cal.—Fire destroyed the Vacaville Inn July 26. Damage estimated at $75,000. Loss fully covered by insurance.

12— POWER PLANTS

To Be Done By Day's Work
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 407 Sanchez St.
Alterations to power plant.
Owner—New Method Laundry Co., 407 Sanchez Street.
Engineer—W. H. Archer, 564 Market Street.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS OPENED
SAN FRANCISCO — Western Asbestos Co., 675 Townsend St., at $212 with alternate proposal of $275, submitted only bid to Department of Public Works for installation of masonite floor at the Mission Branch Library.
Bids held under advisement. •

BIDS OPENED
SAN FRANCISCO—Western Asbestos Co., 675 Townsend St., at $31 submitted only bid to Department of Public Works for installation of accotile floor at the Sunset Branch Library. Bids held under advisement.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Planned.
JAIL Cost, $100,000
WATSONVILLE, Santa Cruz Co.
New county jail.
Owner—County of Santa Cruz.
Architect—Not Given.
The county now has $66,000 available.

Bids Opened
ADDITION Cost, $——
NEVADA CITY, Nevada Co., Calif.
Additions to court house (East and South wing additions).
Owner—County of Nevada.
Architect — George Sellon, California State Life Bldg., Sacramento.
Low Bidder—Lindgren and Swinerton, Inc., 619 H St., Sacramento.
Complete bids follow:
Lindgren and Swinerton, Inc., Sacramento .. $67,500
H. W. Robertson, Sacramento.. 75,930
*Jas. L. McLaughlin, S. F... . . 79,843
*Certified check was not submitted with bid.
Bids held under advisement until July 31. •

14— RESIDENCES

Sub-Bids Being Taken.
RESIDENCE Cost, $6,500
BURLINGAME, San Mateo Co., Cal.
DeSoto bet. Hillside and Easton.
1½-story frame and stucco residence (6 rooms) terra cotta shingle roofing, gas heating system, steel sash hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—Wilfred May, 829 Balboa St., San Francisco. •

Contract Awarded
RESIDENCE Cost, $11,000
ORINDA, Contra Costa Co., Calif.
One - story and basement frame and stucco residence (7 rooms) tile roof, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Harrison.
Architect—F. L. Confer, 3149 Claremont Ave., Berkeley.
Contractor—Geo. Anderson, 211 Hanover Ave., Oakland.

Plans Being Figured—Bids Close Aug. 7th, 3 P. M.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two - story frame and stucco Early California Type residence (twelve rooms, 6 bedrooms and 5 baths) wood roof, hardwood floors, plaster walls, gas hot air heating system, fireplaces, tile baths.
Owner—Milo Gates.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids are being taken from a selected list of contractors.

Plans Being Figured—Bids Close Aug. 6th, 3 P. M.
RESIDENCE Cost, $——
SAUSALITO, Marin Co., Cal. George Avenue.
One-story frame residence (5 rooms, 2 baths) wood exterior, gas heating system, shingle roofing, hardwood floors, etc.
Owner—Dimitri Schoch.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids are being taken from a selected list of contractors.

Plans Being Completed
RESIDENCE Cost, $6,800
BERKELEY, Alameda Co. Cal. Thousand Oaks.
1½-story frame and stucco residence (7 rooms, 2 baths) shake roof, gas heatng system, steel and wood sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—James Narbett, 462 31st St. Richmond.
Bids will be asked within 1 week.

Sub-Contracts Awarded
RESIDENCE Cost, $11,000
ALAMEDA, Alameda Co., Calif. 1016 Grand Avenue.
Two - story and basement frame and stucco residence (8 rooms).
Owner—J. R. Parkinson, 1435 Harrison St., Oakland.
Architect—Williams and Wastell, 374 17th Street, Oakland.
Contractor—H. C. Knight, 1435 Harrison St., Oakland.
Roofing—W. L. Ridout, 642 Pacific Ave., Alameda.
Plumbing—V. L. Richit, 422 Marion Court, Alameda.
Electric Wiring—Ansels Electric, 1401 Park St., Alameda.
Heating—Harer & Perry.
Lathing and Plastering—Fatta & Rinaldi, 2247 Filbert St., Oakland.
Lumber—Loop Lumber Co., Alameda.
Mill Work—Atkinson Mill & Lumber Co., 2985 Chapman St., Oakland.
Concrete—Reichel & Bredhoff.

Contract Awarded
RESIDENCE Cost, $6,165
LOS ALTOS, Santa Clara Co., Calif. Fremont Ave. and Moody Road.
One - story and basement frame and stucco residence.
Owner—Paul R. Nash, Mt. View.
Architect—Dole F. Thomson and E. J. R. Reichel, 532 Emerson St., Palo Alto.
Contractor—J. W. Cabbage, Palo Alto.

Contract Awarded
RESIDENCE Cost, $7,629
LOS ALTOS, Santa Clara Co., Calif. Los Altos Country Club Properties
One-story frame and stucco residence.
Owner—Florence and Joseph Biethen, San Jose.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Neil Darrah, Mt. View.

Contract Awarded
RESIDENCE Cost, $3,940
EAST SAN MAAEO, San Mateo Co.
One-story frame and stucco residence
Owner—C. J. Peto, 976 Easton Ave., San Bruno.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. J. Feasey, 1221 Grove Ave., Burlingame.

Low Bidder
RESIDENCE Cost, $——
TURLOCK, Stanislaus Co., Calif.
One - story and basement frame residence (8 rooms and 2 baths) wood siding, shingle roofing, wood sash, hardwood floors, tile baths, etc.
Owner—Frank Stierlen, Turlock.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Low BidderAnderson & Tornell, 1251 Colorado Ave., Turlock. •

Plans Being Prepared
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. 33rd Avenue and Escolita Street.
Ten one-story and basement frame & stucco residences (5 rooms each) tile and composition roofs, wood sash, gas heating systems, hardwood floors, tile baths and kitchens, etc.
Owner & Builders—Harrison & Traxler, 9 Sutter Street.
Architect—D. E. Jaekle, 126 Post St.
Sub-bids will be taken about July 28th.

Owner Taking Bids
RESIDENCE Cost, $4,000
NAPA, Napa Co., Calif.
One - story frame, stucco and wood residence (4 rooms() shake roof, gas heating system, wood sash, tile floor in baths, etc.
Owner—E. E. Hefflin, 2310 Main St., Napa.
Architect—D. E. Jaekle, 126 Post St., San Francisco. •

Plans Being Prepared
RESIDENCE Cost, $4,500
SAN FRANCISCO. San Juan and Cayuga Avenues.
One - story and basement frame and stucco residence (5 rooms) tile & composition roofing, wood sash, gas heating system, hardwood floors, tile bath, etc.
Owner and Builder—A. DeBenedetti & Son, 100 Brazil Avenue.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO, W. Darien Way, E. Westgate.
One-story and basement frame and stucco residence.
Owner—J. & C. Sinz, 110 Sutter St.
Architect—George Ralphs, 110 Sutter St.
Contractor—Independent Construction Co., 549 Fell St.

Contract Awarded
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara Co., Calif. E. North 25th Street. •
One-story frame residence.
Owner—I. Gaeta, 220 N. 25th Street, San Jose.
Architect—Not Given.
Contractor—W. J. Martin, 456 Delmas Ave., San Jose.

Contract Awarded
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Cal.

144 Edgewood Drive.
Two - story and basement frame and stucco residence.
Owner—James Ross.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

Plans Being Completed
RESIDENCE Cost, $7,500
SAUSALITO, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) tile roof, oil burning [illegible] heating system, wood sash, tile baths and kitchen, hardwood floors, septic tank, sewage disposal system, etc.
Owner—Withheld.
[illegible]itect—A. [illegible] Larsen, 333 Kearny St., San Francisco.
Bids will be asked in about 1 week.

BIDS OPENED
RESIDENCE Cost, $5,500
SANTA ROSA, Sonoma Co., Calif.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—Thorn Gale, Santa Rosa.
Architect—Wm. Herbert, Rosenberg, Bldg., Santa Rosa.
Low Bidder—Leon Koch, 526 Orchard, Santa Rosa.
Complete bids follow:
Leon Koch $5,952
C. W. Hansen 6,075
A. Ahlstrom 6,300
L. Halvorsen 6,648
Bids held under advisement.

Plans Completed
RESIDENCE Cost, $5,500
LARKSPUR, Marin Co., Calif.
One - story frame, stucco and wood residence (5 rooms) shake roof, gas hot air heating system, wood sash, hardwood floors, etc.
Owner—L. C. Smith, Corte Madera.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Owner will take general bids.

Sub-Bids Being Taken.
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. 33rd Avenue and Vicente St.
Two one - story and basement frame and stucco residences (five rooms each) tile and composition roofing, gas heating system, wood sash, hardwood floors, etc.
Owner and Builder—Henry Horn, 170 Upland Drive.

Contract Awarded
RESIDENCE Cost, $5,000
ALAMEDA, Alameda Co., Calif.
One - story and basement frame and stucco residence (5 rooms) tile and composition roofing, gas heating system, wood sash, hardw'd floors, tile bath, etc.
Owner—Mr. Carter.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Henry Horn, 170 Upland Drive, San Francisco.

Contract Awarded
RESIDENCE Cost, $8,500
MARTINEZ, Contra Costa Co., Calif.
1½-story 3-family frame and stucco dwelling (4 rooms, 1 bath each) tile and compostion roof, hardwood floors, floor furnaces, wood sash, tile bath and sink.
Owner—H. Melnick, Martinez.
Architect—Jas. Narbett, 462 31st St., Richmond.
Contractor—A. Valentini, 1501 Estudillo, Martinez.

Sub-Bids Being Taken.
RESIDENCE Cost, $4,500
SAN FRANCISCO. Cayuga and San Juan Avenues.
One - story and basement frame and stucco residence (five rooms) tile and composition roofing, wood sash gas heating system, hardwood floors, tile bath, etc.
Owner and Builder—A. DeBenedetti & Son, 100 Brazil Avenue.

Owner Taking Bids
RESIDENCE Cost, $6,000
WATSONVILLE, Santa Cruz Co., Cal.
Two - story frame and stucco farm house (6 rooms, 2 baths) gas wall heat, hardwood floors, tile baths, shingle or tile roof.
Owner—Dr. Antone Sambuck Watsonville.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contract Awarded
RESIDENCE Cost, $5,600
RICHMOND, Contra Costa Co., Calif.
One - story and basement frame and stucco residence (6 rooms) tile & composition roofing, central gas heating plant, wood sash, hardwood floors, tile bath, etc.
Owner—Mr. Letterwood.
Architect—Jas. Narbett, 462 31st St., Richmond.
Contractor—Fred. Hosking, 541 Civic Center, Richmond.

Contract Awarded
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Calif. 1126 Grizzly Peak Blvd.
Two-story frame and stucco residence (five rooms).
Owner—L. James, 2577 Rose St., Berkeley.
Architect—J B. Anthony, 2014 Shattuck Ave., Berkeley.
Contractor—S. M. Shapero, 1710 Portland Ave., Berkeley.

Plans Being Completed.
DUPLEX RESIDENCE $5400
ANTIOCH, Contra Costa Co., Calif.
One-story frame and stucco ruplex residence (1 4-room and 1 3-room residence).
Owner—Withheld.
Architect—Jamesc Narbett, 462 31st St., Richmond.

Plans Being Figured—Bids Close Aug. 3rd.
RESIDENCE Cost, $4500
CROCKETT, Contra Costa Co., Cal.
One-story frame and wood residence (5 rooms, 1 bath) tile bath and sink; hardwood floors; central heating plant, shake roof.
Owner—D. J. Donohue.
Architect—James Narbett, 462 31st St., Richmond.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Calif 350 Oregon Avenue.
One-story frame, stucco and brick veneer residence.
Owner and Builder—A. J. Wilbe, 944 Phelan Bldg., San Francisco.
Architect—J. E. Dinwiddie, 360 Pine St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $12,000
WATSONVILLE, Santa Cruz Co., Cal. Hecker Pass Highway.
One- and two-story reinforced concrete and terra cotta tile residence (7 rooms and 3 baths) Spanish style; tile roof, oil burning hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Mr. McSherry.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Mgr. of Constr—Joseph Knight, Rt. 1, Box 19, Watsonville.
Sub-bids are being received by the Architect and the manager of construction.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. No. 730 Dana Avenue.
Two-story and basement frame and stucco residence (8 rooms).
Owner — Herbert H. Buchanan, 838 Nevada Ave., San Jose.
Architect—Not Given.
Contractor — A. R. Calvelli, 1625 Emory St., San Jose.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. 556 Losse Court.
Two-story frame and stucco residence (seven rooms).
Owner—A. Andrevecetti, 580 S. 6th St., San Jose.
Architect—Not Given.
Contractor—W. M. Caldwell, 1241 Hedding St., San Jose.

To Be Done By Day's Work.
RESIDENCES Cost, $6500 each
SAN JOSE, Santa Clara Co., Calif. No. 775-785 Garden Drive.
Two one-story and basement frame and stucco residences (6 rooms each).
Owner & Builder—A. R. Calvelli, 1625 Emory St., San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5355
PALO ALTO, Santa Clara Co., Calif.
One-story frame and stucco residence
Owner—Ione Ross et al.
Architect—Not Given.
Contractor—Harry Engman, 244 Rinconada St., Palo Alto.

Contract Awarded.
RESIDENCES Cost, $4000 each
SAN MATEO COUNTY, Cal. Belle Haven Tract.
Four one-story frame and stucco residences.
Owner—D. D. Bohannon.
Architect—Not Given.
Contractor—M. W. Reese, 1210 Minnesota Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. No. 5546 Balboa Drive.
Two-story frame and stucco residence (6 rooms).
Owner—Paul A. Wolter, 1 Sansome St., San Francisco.
Plans by R. McDonald, 3810 Broadway, Oakland.
Contractor—James Alban, 1648 68th Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Calif. No. 2000 Clemens Road.
Two-story frame and stucco residence (six rooms).
Owner—Herbert Fogelstrom, 711 Clamar Ave., Oakland.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Lot 3 Blk 15, Fairfax Street.
Two-story and basement frame and stucco residence.
Owner—Clifford R. Clark, 146 W. 3rd Ave., San Mateo.
Architect—Not Given.
Contractor—F. Ferrea, 712 5th Ave., San Mateo.

Contract Awarded.
RESIDENCES Cost, $5000 each
SAN MATEO, San Mateo Co., Calif. Twenty-sixth Avenue.
Two one-story frame and stucco residences.

Owner—Carl Gellert.
Architect—Not Given.
Contractor — Standard Building Co., 1500 Judah St., San Francisco.

Contract Awarded
RESIDENCE Cont. Price, $21,200
HILLSBOROUGH, San Mateo Co.
Two-story and basement brick veneer residence (8 rooms and 3 baths).
Owner—J. C. Musser.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Contractor—Ira Coburn, 2048 Market St., San Francisco.

Bids Rejected—Plans To Be Revised.
RESIDENCE Sost, $——
ATHERTON, San Mateo Co., Calif.
Two-story frame, stucco and brick veneer residence (10 rooms, three baths and separate lavatory) split shake roof, gas fired three - unit furnace, steel sash, steel casement doors, hardwood floors, tile baths
Owner—W. H. Park.
Plans by Wm. H. Young, 236 Ritch St., San Francisco.
Bids ran high. Plans will be revised and new bids asked at a later date.

Contract Awarded
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Calif.
One - story and basement frame and stucco residence (6 rooms) Johns-Manville asbestos shingle roof, tile baths, wood sash, hardwood floors
Owner—Frank Kelly.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—Ralph Curtis, Rt. 4, Box 940, Modesto.

To Be Done By Day's Work
RESIDENCES Cost, $5,500 each
SAN FRANCISCO. S Cabrillo W 31st Avenue.
Two one - story and basement frame and stucco residences.
Owner and Builder — Bryan Feerick, 891 39th Ave.
Plans by B. K. Dobkowitz, 425 Monterey Blvd.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. 4137 Whittle Street.
One - story and basement frame and stucco residence (6 rooms).
Owner—J. Dezzani, 4137 Whittle St., Oakland.
Architect—Not Given.
Contractor—P. Delucchi & Son, 5443 Claremont Ave., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
OAKLAND, Alameda Co., Calif. 6214 Acacia Avenue.
Two-story frame and stucco residence (7 rooms).
Owner and Builder—A. Carlson, 2329 Edwards St., Berkeley.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,500
PALO ALTO, Santa Clara Co., Calif. 2430 South Court.
One-story frame and stucco residence
Owner—C. R. Janssen, 529 Ramona St., Palo Alto.
Architect—Leslie Nichols, 532 Emerson St., Palo Alto.
Contractor—E. A. Janssen, 1136 Clement St., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Calif. 2420 Bryant Street.
One-story rustic residence.
Owner—C. R. Janssen, 529 Ramona St., Palo Alto.
Architect—Leslie Nichols, 532 Emerson St., Palo Alto.
Contractor—E. A. Janssen, 1136 Clement St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. 1935 Webster Street.
One-story rustic residence.
Owner and Builder—Ormal Dodd, 1107 Glenn Ave., San Jose.
Architect—W. W. Wurster, 260 California St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. No. 1475 Stanford Avenue.
Two-story rustic residence.
Owner—Wm. Proctor, Palo Alto.
Architect—Not Given.
Contractor—C. A. Pellymounter, 585 Bailey Ave., Mt. View.

Plans Being Figured—Bids Close Aug. 12, 10 A. M.
RESIDENCE Cost, $——
NILES, Alameda Co., Calif.
One-story wood frame residence (six rooms) Colonial style, wood siding, shingle roofing, oil burning heating system, wood sash, etc.
Owner—Wallace Ebright.
Architect — Higgins & Root (Chester Root, architect), Security Bldg., San Jose.

Bids Opened.
RESIDENCE Cost, $——
SAN JOSE, Santa Clara Counay, Cal. Berryessa Subdivision.
One-story and basement frame and stucco residence (6 rooms and 2 baths), shingle roof, coal & wood furnace, wood sash, tile baths, hardwood floors.
Owner—A. F. O'Connell.
Architect—Higgins & Root (Chester Root Architect), Security Bldg., San Jose.
Low Bidder—Frank Neves, 891 Harrison St., Santa Clara.
Complete bids follow:
Frank Neves, Santa Clara $3940
C. F. Keesling, San Jose..... 4194
K. F. Bonham, San Jose..... 4731
Bids held under advisement.

Plans Being Refigured.
RESIDENCE Cost, $——
SAN JOSE, Santa Clara Co., Calif.
Two-story frame residence (9 rooms, 4 baths) Colonial type, brick veneer siding, shingle roof, hardwood floors, tile baths, etc.
Owner—W. S. Clayton, Jr.
Architect—H. W. Higbie, 518 S. Second St., San Jose.
E. Nommensen, 315 S. 17th St., San Jose, is the only contractor figuring the plans.

Contract Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO, Dolores St. and 16th.
One-story and basement frame and stucco residence.
Owners—Sisters of Holy Trinity, Inc. premises.
Architect—Edward A. Eames, 216 Pine Street.
Contractor —Barrett & Hilp, 918 Harrison St.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
SAN MATEO, San Mateo Co., Calif. Harvard Road.
Two-story frame and stucco residence
Owner and Builder—Leadley & Leadley, 207 2nd Ave., San Mateo.
Architect—Not Given.

Sub-Bids Being Taken
RESIDENCES Cost, $5,000 each
OAKLAND, Alameda Co., Cal. Hermosa and Florence Streets.
Two 1½-story frame and stucco residences (6 rooms each) tile and composition roofing, gas heating system, hardwood floors, wood sash, etc.
Owner & Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given.

Plans Being Prepared
DUPLEX RESIDENCE Cost, $——
PITTSBURG, Contra Costa Co., Calif.
One - story frame and stucco duplex residence (one 3-room and one 5-room residence) shingle and composition roofing, gas central heating plant, wood sash, hardwod floors, etc.
Owner—Withheld.
Architect—James Narbett, 462 31st St. Richmond.
Bids will be asked within 1 week.

Contract Awarded
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co. Cal.
Two - story and basement frame and stucco residence (12 rooms).
Owner—Mr. Ryan.
Architect—Angus McSweeney, 604 Mission St., San Francisco.
Contractor—J. B. Oswald, 1150 Industrial Ave., Burlingame.

Contract Awarded.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. S Ford St. W Sanchez Street.
Two one-story and basement frame and stucco residences.
Owner—Dolores Realty Co., 3090 16th St., San Francisco.
Architect—Not Given.
Contractor—A. H. Ohlsen, 242 Vienna St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
MILL VALLEY, Marin Co., Calif.
One-story rustic residence (5 rooms).
Owner—James W. Bertenshaw.
Architect—Not Given.
Contractor—Joseph F. Childs, 30 Carmelita Ave., Mill Valley.

Sub-Bids Being Taken.
RESIDENCE Cost, $5,500
SAN FRANCISCO. Francisco Hgths.
Two - story and basement frame and stucco residence (6 rooms) flat tile and composition roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—Sandino Bros.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded.
RESIDENCE Cost, $7000
SAN MATEO, San Mateo Co., Calif. Lot 8 Blk 16, Aragon Tract.
One-story and basement frame and stucco residence.
Owner—R. C. Frey.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. W Twenty-seventh Ave. N Noriega St.
Seven one-story and basement frame and stucco residences.
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given.

Sub-Bids Being Taken
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. 33rd Avenue and Escolita Street.
Ten one-story and basement frame & stucco residences (5 rooms each) tile and composition roofs, wood sash, gas heating systems, hardwood floors, tile baths and kitchens, etc.
Owner and Builder—Harrison & Traxler, 9 Sutter Street.
Architect—D. E. Jaekle, 126 Post St.

To Be Done By Day's Work.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. N Anza St. W 37th Avenue.
Two one-story and basement frame and stucco residences.
Owner & Builder—Bernhardt & Cowen 924 Taraval St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCES Cost, $3500 each
PALO ALTO, Santa Clara Co., Calif. 330, 336 and 342 Seale Avenue.
Three one-story rustic residences.
Owner — David Keeble, 1901 Bryant St., Palo Alto.
Plans by B. D. Cairns, 523 Walnut St., East Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

To Be Done By Day's Work.
RESIDENCES Cost, $6000 each
SAN FRANCISCO. W Rossi St. N Turk Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—The Cicerone Co., 1101 Potrero Ave., San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. NE Fitzgerald St. S Phelps Street.
Two one-story and basement frame and stucco residences.
Owner & Builder—J. Blum, 212 Silliman St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal. No. 1503 Hawthorne Terrace.
Two-story frame and stucco residence (six rooms).
Owner — E. C. Tolman, 1530 La Loma Ave., Berkeley.
Plans by Gettes Jackson.
Contractor—F. R. Mueller, 1111 Fresno St., Berkeley.

Bids Rejected—Plans Being Revised
RESIDENCE Cost, $75,000
ATHERTON, San Mateo Co., Calif.
Two-story wood frame residence (15 rooms, 10 baths) stables, two garages, tennis courts, roadwork, etc. (shingle roofing, hot water heating system, etc.)
Owner—Mr. Meek.
Architect—J. C. McKenzie, New York City.
Supervising Architect — Angus McSweeney, 604 Mission Street, San Francisco.
New bids will be asked in 1 week.

Sub-Bids Being Taken
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif.
One - story and basement frame and stucco residence (6 rooms and 2 baths) composition and tile roofing, wood sash, hardwood floors, tile baths, etc.
Owner—W. W. McCoy, 2119 Addison St., Berkeley.
Architect—Not Given.

15— SCHOOLS

CONTRACT AWARDED
TAFT, Kern Co., Calif.—Trewhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno awarded a contract by the Taft Union High School District at $8000, for painting the auditorium and constructing a reinforced concrete wall on the high school site in Taft. Harold Weeks, Balboa Building, San Francisco, architect.

BIDS WANTED
BERKELEY, Alameda Co., Calif.—Until August 10, 5 P. M., bids will be received by the Berkeley Board of Education, for furnishing additional construction materials to be used in the Hillside School (central portion) John Muir kindergarten, Washington School stairs and Willard School gymnasium.

CONTRACT AWARDED
SEBASTOPOL, Sonoma Co., Cal.—Starr Furniture Co., 121 N. Main St., Sebastopol, at $6351.33 awarded contract by Sebastopol Union School District for furnishing furniture equipment and shades for the Sebastopol Union School.

CONTRACT AWARDED
SCHOOL Contract Price $48,358
TAFT, Kern Co., Lincoln School Site.
Reinforced concrete domestic science and music bldg. at Lincoln School site (tile roof, cement and wood floors, steel sash, etc.)
Owner—Kern County Grammar School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor: L. H. Hansen & Son, Rt. 10, Box 142, Fresno.

Bond Election
ARDEN, Sacramento Co., Calif.—Arden Elementary School District will vote on August 19, on proposal to issue bonds in the amount of $5,500, proceeds to finance construction of alterations and additions to present school in Arden.
Preliminary plans prepared by Architect Charles Dean, California State Life Bldg., Sacramento.

CONTRACT AWARDED
KERN CO., Calif. (Loraine)—H. F. Chambles, Arvin, awarded contract by Twin Oaks School District, at $7900, for construction of a frame and stucco school building near Loraine, Kern County. Plans were prepared in the office of Edwin J. Symmes, Haberfelde Bldg., Bakersfield.

Additional Sub-Contracts Awarded
SCHOOL Cont. Price, $94,342
SAN MATEO, San Mateo Co., Calif.
One - story frame and stucco school and auditorium (5 classrooms and auditorium to seat 500).
Owner—St. Matthews Catholic School 900 S El Camino Real, San Mateo.
Architect—H. A. Minton, 525 Market Stree, San Francisco.
Contractor—James L. McLaughlin, 251 Kearny St., San Francisco.
Tile—American Art Tile Company, 231 Franklin St., San Francisco.
Wood Stairs—J. diCristina & Son, 3150 18th St., San rFancisco.
As previously reported, heating and ventilating awarded to Arthur Tyo, 201 South Boulevard, San Mateo, $8,439; plumbing to J. W. Forsythe, 521 S. Humboldt S., San Mateo, $5,593; window fixtures to Dalmo Sales Corp., 211 Harrison St., San Francisco; finish hardware to E. M. Hundley, 662 Mission St., San Francisco; reinforcing steel to Bethlehe mSteel Co., 20th and Illinois Sts San Francisco.

LOW BIDDER
BEVERLY HILLS, Los Angeles Co. Cal.—Gates & Huntley, 2020 Hyperion Ave., Los Angeles, submitted low bid to Beverly Hills board of education at $254,900 for rehabilitating buildings at the Beverly Hills high school, a PWA project. All bids were held under advisement. The work will include gunite, reinforced concrete, structural steel, plastering, acoustical treatment interior tile work, etc. Edward Cray Taylor and Ellis W. Taylor, 803 West Third St., Los Angeles, architects and engineers; Morgan, Walls and & Clements, consulting architects; Paul Jeffers, structural engineer.

BONDS VOTED
KERN COUNTY, Calif.—Rio Bravo School District, 4 miles south of Shafter, has voted bonds in the amount of $17,000 to finance the construction of a one-story addition to the Rio Bravo school. It will be of reinforced concrete construction and will contain 2 rooms, tile roofing, wood sash, hardwood floors, pine trim, two gas floor furnaces, etc. Perrine & Mackie, H. E. Mackie, architect, 908 Western Pacific Bldg., Los Angeles.

Preparing Working Drawings.
SCHOOL Cost, $360,000
PALO ALTO, Santa Clara Co., Calif. Middlefield Road and Santa Arita.
Two-story reinforced concrete Junior High School to accommodate 1000; administrative office, 27 classrooms boys' and girls' gymnasium, auditorium to seat 1000; cafeteria to accommodate 600, and library.
Owner—Palo Alto School District.
Architect—Birge M. & David B. Clark, 310 University Ave., Palo Alto.

BIDS WANTED
MONTEREY, Monterey Co., Calif.—Until August 3, bids will be received by Elise Blair, Clerk, Monterey School District, for interior painting of the Marina School in Monterey.

Construction Started.
REHABILITATE SCHOOL $40,000
LIVERMORE, Alameda Co., Calif.
Rehabilitation of elementary school
Owner—Livermore Elementary School District.
Architect—Henry H. Meyers, 2021 Alameda Ave., Alameda.
Structural Engineer—Norman Green, 55 New Montgomery St., S. F.

Bids Opened
RECON. SCHOOL Cost, $10,000
BURLINGAME, San Mateo Co., Calif. Paloma Avenue.
Partial reconstruction of the McKinley Elementary School.
Owner—Burlingame Elementary School District.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
Low Bidder—G. W. Williams Co., 315 Primrose Road, Burlingame
Complete bids follow:

G. W. Williams Co., Burlingame	(1)	$ 9,840
	(2)	7,700
	(3)	8,990
	(4)	7,400
	(5)	300
A. Nelson, Inc., S. F.	(1)	$12,078
	(2)	9,913
	(3)	7,998
	(4)	7,900
	(5)	1,700
Central Calif. Const. Co. San Francisco	(1)	$15,200
	(2)	9,600
	(3)	10,236
	(4)	7,840
	(5)	2,100

Bids referred to District Attorney for approval

CONTRACT AWARDED
LOS ANGELES, Cal.—J. & B. Construction Co., 5572 Valley Blvd., was awarded contract by the Los Angeles board of education for reconstruction, rehabilitation and strengthening of the 1922 portion of the main brick building at the Rosemont Ave. school, 421 N. Rosemont Ave. Frederick Scholer, Room 1002, 811 W. 7th St., architect, and J. H. Davies, 213 Roycroft, structural engineer 15

Preparing Working Drawings.
HIGH SCHOOL Cost, $115,000
AVENAL, Kings Co., Calif. Head of Seventh Street.
New high school building (frame construction) administration building, gymnasium and machine shops.
Owner — Lemoore Union High School District.
Architect—W. H. & Harold H. Weeks, 593 Market St., San Francisco.

BIDS WANTED
STEWART, Nev.—Until August 28, 10 A. M., bids will be received by the Department of the Interior, Purchasing Office, 18th and F Sts., N. W., Washington, D. C., for construction of two teachers' quarters, an employees' club building, two employees' cottages and a gymnasium building at the Carson School, Stewart, Ormsby County, Nevada. They will be stone structures, the stone to be furnished by the government. The gymnasium is to be heated from existing central heating plant and the other bldgs. will have individual heating plants. Plumbing and electrical work included in the general contract. Plans and specifications may be obtained from the Interior Department in Washington upon deposit of a certified check or postal money order for $25. Bond or certified check for 5% must accompany each bid.

FIRE LOSS
WOODLAKE, Tulare Co., Calif.—Fire destroyed the main building of the Woodlake Union High School July 24. Damage estimated at $60,000.

Planned.
RECON. SCHOOL Cost, $20,000
BRENTWOOD, Contra Costa Co., Cal.
Reconstruction of grammar school (earthquake proofing, etc.)
Owner — Brentwood-Deer Valley Grammar School District.
Architect—Not Given.

CONTRACT AWARDED
EUREKA, Humboldt Co., Cal.—John P. Ryan, 2001 Summer St., Eureka, at $1280 awarded contract by Eureka Board of Education for construction of one-pipe vacuum heating system for the Lafayette School in Eureka. Other bids were:

Moore & Cook	$1343
P. E. Cook	1352

Bids Opened
AUDITORIUM Cost, $58,400
SAN FRANCISCO, 150 Brompton St.
Reinf. concrete auditorium at Glen Park School.
Owner—City and County of San Francisco.
Architect—Lewis P. Hobart, 525 Market St. and Bliss & Fairweather, Balboa Building.
Low bids follow:
General Work—Leo Epp, 4745 Geary St., $53,877.
Plumbing and Mechanical—Skelly & Kohler, 1344 9th Ave., $5,930.
Electric—H. S. Tittle Co., 85 Columbia Square, $2,778.
Complete bids follow:

General Work

Leo Epp	$53,877
Frank J. Reilly	55,731
F. C. Amoroso & Sons	57,880
James L. McLaughlin	56,073

Plumbing and Mechanical

Skelly & Kohler	$ 5,930
Scott Company	6,947
M. J. Reeves Heating Corp.	8,579

Electric

H. S. Tittle Company	$ 2,778
Spencer Electric Co.	2,909
Lynn & Heffernan	2,912
B. J. Doherty Company	2,914
Abbett Electric Co.	3,096
G. H. Armstrong	3,217
Kenney Brothers	3,334

Bids held under advisement.

Plans Awaiting Approval.
GYMNASIUM Cost, $30,000
EAST NICOLAUS, Sutter Co., Calif.
One - story frame and stucco gymnasium.
Owner—Sutter Un. High School Dist.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Plans have been forwarded to the State Division of Architecture, Sacramento, for approval.

Plans Being Completed
ADDITION Cost, $25,000
PETALUMA, Sonoma Co., Calif.
Addition to domestic science & music building (add four rooms) frame and stucco construction, built-up roofing, etc.
Owner—Petaluma High School Dist.
Architect—Brainard Jones, 226 Washington St., Petaluma.
PWA grant of $11,250 has been approved.

Contract Awarded
ALTERATIONS Cont. Price, $2,418
WOODLAND, Yolo Co., Calif.
Alterations to gymnasium and chemistry departments at high school.
Owner—Woodland High School Dist
Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.
Contractor—J. G. Motroni, Woodland.
Only other bid was submitted by George Petersen, San Leandro, at $3,171.

Bids Wanted—To Close August 7, 2 P. M.
SCHOOL Cost, $10,000
BRYTE, Yolo Co., Calif.
Alterations and additions to present elementary school (frame and stucco construction , re - roofing, etc.)
Owner—Bryte Elementary School Dist.
Architect — George Sellon, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $10

Preparing Preliminary Plans
SCHOOL Cost, $15,000
MAGALIA, Butte Co., Calif.
One-story frame and stucco elementary school (2 classrooms and lunch room).
Owner — Magalia Elementary School District.
Architect — George Sellon, California State Life Bldg., Sacramento.

New Bids Wanted—To Close August 18, 4 P. M.
SCHOOL Cost $——
OAKLAND, Alameda Co., Calif.—Tenth and Union Sts.
Reconstruction, rehabilitation, earthquake proofing to Cole School (24-room brick tile building).
Owner—Oakland School District.
Architect—W. G. Corlett, Second Ave. and E-Tenth St. (Oakland School Administration Bldg.)
Previous bids rejected, lowest bid being submitted by John E. Branagh, 1116 Monticello Ave., Piedmont, at $84,700.
Complete bids published, July 15.

LOW BIDDER
PASADENA, Los Angeles Co., Cal.—Atlas Constr. Co., 39 Congress St., Pasadena, submitted low bid at $154,200 to Los Angeles Board of Education for a two-story classroom and auditorium building to be erected at the Arlington Heights School, 1717 Seventh Avenue.

Plans Completed.
SCHOOL Cost, $70,000
ALBANY, Alameda Co., Calif.
Third unit at Albany School (classrooms, study hall, administrative offices, cafeteria) reinforced concrete construction, composition roofing, steel joists, steam heating system, etc.
Owner—Albany High School District.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Bids will be asked in about 30 days.
PWA approved grant of $28,502.

Plans Being Completed.
ADDITION Cost, $75,000
NORTH SACRAMENTO, Sacramento Co., Calif.
Addition to high school building (add 18 classrooms) reinforced concrete construction.
Owner — Grant Union High School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
PWA approved grant of $28,136.

16—BANKS, STORES AND OFFICES

Contract Awarded
OFFICE BLDG. Cost, $——
PLACERVILLE, Eldorado Co., Calif.
One-story frame and brick office bldg.
Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery Street, San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.

To Ask Bids Within Few Days.
ALTERATIONS Cost, $20,000
SAN JOSE, Santa Clara Co., Calif. North First Street.
Remodeling and altering Rucker Bldg. add four stores and one loft).
Owner—Phelan Estate, Phelan Bldg., San Francisco.
Architect—Wm. I. Garren, 233 Post St., San Francisco.

Low Bidder
REMODELING Cost, $2,880
STOCKTON, San Joaquin Co., Calif.
Alterations to bakery bldg. (remodeling second floor to provide offices, rest room, lavatory, etc.)
Owner—Withheld.
Architect—Joseph Losekann, 1218 W. Harding Way, Stockton.
Low Bidder—J. F. Ecker, 17 W Poplar St., Stockton.

Additional Sub-Contracts Awarded
OFFICE BLDG. Cost, $50,000
SAN FRANCISCO. Van Ness Avenue South bet. 12th and 13th Streets.
Two-story reinforced concrete Class C office building (45x190-ft.)
Owner—Dempster Estate.
Architect — W. D. Peugh, 333 Montgomery Street.
Lessee — State of California (Motor Vehicle Dept.)
Structural Engineer—F. W. Kellberg, 320 Market Street.
Contractor—Cahill Bros., 206 Sansome Street.
Steel Rolling Doors—O. P. Shelly, Call Building.
Steel Partitions—Price Building Specialties Co., 35 Stillman Street.
As previously reported, excavation awarded to Sibley Grading & Teaming Co., 165 Landers St.; reinforcing steel to Truscon Steel Co., 604 Mission St.; concrete to Readymix Concrete Co., Carolina and Mariposa; electric to H. S. Tittle Co., 85 Columbia Square.

Preparing Preliminary Plans
STORE Cost, $250,000
SANTA ROSA, Sonoma Co., Calif., Fourth and D Sts.
Two-story reinforced concrete store building (250' frontage on Fourth St. and 200' frontage on D St.)
Owner—Rosenberg & Sons, Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Building, Santa Rosa

CONTRACT AWARDED

San Francisco—D. N. & E. Walter, 562 Mission St., at $88 awarded contract by Department of Public Works for furnishing and installing 49½ yds. of monks cloth in the Mayor's Office, City Hall. Spec. 4379.

Contract Awarded

STORE Cost, $3,300
SANTA CLARA, Santa Clara Co. Cal. S Franklin Street bet. Main and Washington.
One-story store building.
Owner—Emil and Herman Buchser, Santa Clara.
Architect—Higgins & Root, Chester Root, architect, Security Building, San Jose.
Contractor—T. H. Herschbach, Twohy Bldg., San Jsoe.

Planned.

STORE Cost, $——
SAN RAFAEL, Marin Co., Calif. 4th and B Streets.
Four-story Class A store building (55 foot frontage).
Owner—J. Albert, San Rafael.
Architect—Not Given.
Further details will be announced shortly.

Preparing Plans.

BUILDING Cost, $160,000
SEATTLE, Washington. Fifth Ave., bet. Lane and Weller St.
Three-story and basement reinforced concrete business building (240x 120 feet).
Owner—Blumauer - Frank Drug Co., H. G. Woodruff, Local Mgr., 1224 First Ave. South, Seattle.
Architect—Graham & Painter, Ltd., Dexter Horton Bldg., Seattle.

Contract Awarded.

ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 131 Powell Street.
Alterations to store.
Owner—G. M. Hutcheons.
Architect—Not Given.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St., San Francisco

Contract Awarded.

MARKET Cost, $15,000
SANTA ROSA, Sonoma Co., Calif. Crawford Court and Mendocino Avenue.
One-story frame and stucco drive-in market (100x52 feet) tile front.
Owner — D. E. H. Crawford, Santa Rosa.
Architect—Not Given.
Lessee—Frank A. White and G. L. Morrison.
Contractor—W. F. Bohn, Rt. 1, Box 38, Santa Rosa.

Contract Awarded

ALTERATIONS Cost, $3,000
SAN FRANCISCO. 2464 Mission St.
Alterations to store building.
Owner—George Young, 827 Guerrero.
Architect—Not Given.
Contractor—Thos. A. Cuthbertson, 430 Noriega Ave.

Contract Awarded.

STORE Cost, $2800
SANTA CRUZ, Santa Cruz Co., Cal. No. 404 Pacific Avenue.
One-story reinforced concrete store building.
Owner—C. W. Hughes, Santa Cruz.
Architect—Not Given.
Contractor—Hamilton & Church, 383 Ocean St., San Cruz.

To Be Done By Day's Work.

ALTERATIONS Cost, $7000
SAN FRANCISCO. No. 1183-75 Market Street.
Alterations to store building.
Owner—The Eighth & Market Realty Co., 1175 Market St., San Francisco.

Low Bidder

ADDITIONS, ETC. Cost, $——
SAN RAFAEL, Marin County, Calif. B and Fourth Streets.
Alterations to present building and addition of new annex, 42x45 ft.; 1-story steel and brick construction, plain and ornamental plaster, tile and terra cotta exterior, marble counters, composition roofing metal windows, new steam heating plant, air - conditioning system, marble and linatile floors, bronze fixtures, cabinet work, etc.
Owner—Bank of San Rafael (William P. Murray, President).
Architect—H. H. Winner, Wordsworth Avenue, Ross.
Low Bidder—H. J. Hansen, San Francisco, $14,500.
Bids held under advisement.

Sub-Contracts Awarded.

TERMINAL BUILDING
Contract Price, $677,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Three - story and basement reinforced concrete airport terminal building with control tower at center above roof and garage extension of the basement, wood piling foundation, reinforced concrete walls, floors and roof slabs, etc. (Exposition Contract No. 7).
Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President) Financial Center Bldg., San Francisco.
Architect—George W. Kelham, Chairman of Exposition Architectural Commission; W. P. Day, Director of Works.
Contractor—Clinton Const. Co., 923 Folsom Street.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Masonry—White & Gloor, Monadnock Bldg., San Francisco
Steel Sash — Detroit Steel Products Co., 111 Sutter St., San Francisco
Mill Work—Pacific Mfg. Co., 454 Montgomery St., San Francisco.
Miscellaneous Metal Work — Federal Ornamental Iron & Bronze Co., 16th St. and San Bruno Ave.
Lathing and Plastering — Leonard Bosch, 167 Fifth Ave.
Sheet Metal—Morrison & Co., 74 Duboce Avenue.
Tile—Malott & Peterson, 3221 20th St.
Terrazzo—G. Rossi & Co.
Marble—American Marble Co., South San Francisco.
Glass and Glazing—W. P. Fuller & Co., 301 Mission St.
Composition Roofing and Waterproofing—J. W. Bender, 1999 Bryant.
Finish Hardware — Palace Hardware Co., 581 Market St.
Plumbing—Alta Electric Co., 467 O'Farrell St.
Heating and Ventilating—W. A. Aschen, 3000 E-16th St., Oakland
Electric—Victor Lemoge, 281 Natoma Street.
Elevator—Otis Elevator Co., 1 Beach Street.
Concrete—Cement Gun Constr. Co., 9 Main Street.
Gasoline Service—Wayne Co., 415 Brannan St.

Contract Awarded

ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 2744 Mission Street.
Alterations to store building.
Owner—Theresia Steinauer, Premises
Architect—Not Given.
Contractor—John Munson, 2419 15 St., San Francisco.

Plans Being Prepared

ALTERATIONS Cost, $7,500
SAN FRANCISCO. 517 Cortland Ave.
Alterations to 2 flats and 2 stores.
Owner—Mr. E. Judice, % architect.
Architect—D. E. Jaekle, 126 Post St.
Owner will take general bids within a few days.

To Be Done By Day's Work

RESTAURANT & STORE $10,000
SAN FRANCISCO. W Valencia Street South Hill.
Two-story frame and stucco **restaurant and store building.**
Owner—Genoa Club, 31 Alvarado St.
Engineer—J. A. Cole, 280 13th St.

Contract Awarded

ALTERATIONS Cost, $6,500
SAN FRANCISCO. 406-08 Clement St.
Alterations to store and residence.
Owner—Marian Thompson and Mrs. Julian T. Anderson.
Architect—George Ralph, 110 Sutter.
Contractor—L. A. Hinson, 756 4th Ave.

BIDS OPENED

SAN FRANCISCO—Frank J. Reilly, 6350 Fulton St., at $8931 submitted low bid to Department of Public Works for alterations in assessor's office. Spec. No. 4383. Work includes removal of existing partitions, marble floors, counters, desk, plumbing, certain iron work and sheet metal, etc., and furnishing and installing new partitions including all metal studding lathing, plastering, hardware, marble work, asphalt tile, sheet metal, miscellaneous iron, painting & plumbing.

Other bids were:
Leo Epp $10,889
Central California Constr. Co... 11,559
Bids held under advisement.

Contract Awarded

ALTERATIONS Cost, $2,500
SAN FRANCISCO. 458 Columbus Ave.
Alterations to restaurant.
Owner—A. Gazzera, 3343 Octavia St.
Architect—Not Given.
Contractor — Rome Carpenter Shop, 1659 Powell Street.

Bids Wanted—To Close Aug. 7, 12 Noon.

HEATING SYSTEM Cost, $——
ALTURAS, Modoc Co., Calif.
Hot water heating system for bank and office building (oil burner).
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Const. Dept. of Owner.

PLANNED

LOS ANGELES, Cal.—Southern California Gas Co., 950 S. Broadway, has acquired property at southeast corner of Eighth and Flower Sts. where the construction of a height - limit Class A office building is proposed. It will cover an area of 55x151 feet and will cost approximately $1,000,000. The project has not yet reached the plan stage. As previously reported, the First English Lutheran Church, now occupying the site, will erect a new edifice on the NW corner of Sixth St. and Shatto Place.

17— THEATRES

Low Bidder

THEATRE Cost, $——
JACKSON, Amador County, Calif.
Two-story theatre building (theatre to seat 700 and two stores on ground floor; 4 offices on second floor) reinforced conc. construction; Class C; gravel roof, wood sash, Summerbell trusses (50x130 ft.) heating and ventilating system.
Owner—Tam & Pierovich.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—Moore and Roberts 693 Mission St., San Francisco.
Bids held under advisement.

CONTRACT AWARDED

TEHACHAPI, Kern Co., Calif.—Al Lange and Joe Fowles, Box 194, Tehachapi, awarded contract for construction of reinforced concrete theatre building at Tehachapi for Frank Baumgart and Louis Kanstein, both of Tehachapi. It will seat 325 persons. Cost, $10,000. Original award of this contract to Wm. G. Gannon of Bakersfield, was rescinded. F. O. Reyenga, 4707 Sixth Ave., Los Angeles, engineer.

Preparing Preliminary Plans.

THEATRE Cost, $65,000
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120 feet) air conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 381 Bush Street, San Francisco.

LOW BIDDER

ALTERATIONS Cost, $50,000
SAN FRANCISCO, NW Cole St. and Haight.
Remodel Haight Theatare.
Owner—Golden Gate Theatre Co., 25 Taylor St.
Associated Architects—Jorgensen and Deichmann, 321 Bush St.
Structural Engineer—L. H. Nishkian, 525 Market St.
Low Bidder: Peter Sartorio, 666 Mission St.
Bids held under advisement.

18— WHARVES & DOCKS

Plans Awaiting PWA Approval

PIER Cost, $700,000
SAN FRANCISCO. Pier 19, foot of Filbert Street.
Reinforced concrete pier to replace present structure and a steel frame shed with concrete walls, redwood roof sheathing and composition roofing.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Bldg., San Francisco.
Bids will be asked in about thirty days.
PWA has approved grant of $679,854 to assist financing construction of Piers 19 and 9.

Plans Being Prepared

PIER Cost, $700,000
SAN FRANCISCO, Pier 9—Foot of Vallejo St.
Reinforced concrete pier to replace present structure and steel frame shed with concrete walls, redwood roof sheathing and composition roofing.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building, San Francisco.
Bids will be asked in about sixty days.
PWA has approved grant of $679,854 to asist financing construction of Piers 19 and 9.

LOW BIDDERS

BALBOA, Canal Zone — Pacific Bridge Co., Balfour Bldg., San Francisco, at $700,000 (item 1) and $660,000 (item 3) submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., for construction of a reinforced concrete wharf, bituminous macadam road and water and electrical services at the Naval Ammunition Depot, Balboa, Canal Zone. Merritt Chapman & Scott, San Pedro, were second low on item 3 at $670,000.
Items 2 and 4 are deductions and figures will be available within a few days.

19—MISC. CONSTRUCTION

CONTRACT AWARDED

OAKLAND, Calif.—Dinwiddie Construction Co., 210 Crocker Building, San Francisco, at $10,939 awarded contract by Mt. View Cemetery Association for the completion of second story around patio of Mausoleum.
Plans prepared by Architect W. P. Day, Financial Center Building, San Francisc.

BIDS OPENED

TUOLUMNE Co., Calif.—Following bids received by Public Utilities Commission, City Hall for electrcal and plumbing work at the Early Intake Camp buildings (H.H.W.S. Contract No. 159a).
(1) Electrical work.
(2) Plumbing work.
(3) Combined bid for electrical and plumbing work.

Hansen's, Modesto	(1)	$1,190.00
	(2)	1,160.00
	(3)	2,200.00
Collins Electric Co., Stockton	(1)	1,109.20
Underground Construction Co. Berkeley	(1)	1,750.00
Scott Co., San Francisco	(3)	2,887.00

Bids he'd under advisement.

Contract Awarded

DISTILLERY Cost, $15,000
ST. HELENA, Napa Co., Calif.
New distillery (82x24 ft.) reinforced concrete construction.
Owner—Napa Valley Co-operative Winery, St. Helena.
Architect—Not Given.
Contractor—Basalt Rock Co., Napa.

CONTRACT AWARDED

SAN FRANCISCO — San Francisco Grading Co., at $5050 awarded contract by Justin Taravellier, owner, for excavating, grading and removing walls, etc., on lot at NW Church and Cumberland Streets (155x228 feet).

BIDS OPENED

SAN FRANCISCO—Grinnell Co of the Pacific, Fifth and Brannan Sts., San Francisco, at $106,194 submitted low bid to State Department of Public Works, San Francisco-Oakland Bay Bridge Division, C. H. Purcell, Chief Engineer, San Francisco, for furnishing and installing 1 automatic sprinkler system in Harbor Piers 24 and 26.
Rockwood Sprinkler Co., San Francisco, submitted the only other bid at $113,420.

PREPARING PLANS

LOS ANGELES, Cal.—Los Angeles Union Terminal Co., 726 N. Alameda St., has working plans about 20 per cent complete for the new passenger station to be built on the Plaza site, located on the east side of Alameda S. between Macy and Aliso Sts., for the Santa Fe, Union Pacific and Southern Pacific railroads. The plans will be completed about Jan. 1, 1937, when competitive bids will probably betaken for the construction of the station, which will have a frontage of approximately 900 feet on Alameda St. Work is under way at this time under the supervision of A. J. Barclay construction engineer for the terminal company, on retaining walls and a reinforced concrete structure to house baggage, express and mail activities. Plans for the project are being prepared by the owner's drafting organization. Work has also been started on the construction of the Macy Street underpass structure, a contract for this part of the project having been awarded by the City of Los Angeles to Bent Bros.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

OAKLAND—McKesson, Langley & Michaels, 9th & Castro, Oakland, at $1499 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary Oakland, under Informal Proposal No. 772, for furnishing approximately 20 tons of copper sulphate.
Complete bids follow:

McKesson, Langley & Michaels Oakland	$1499
Mountain Copper Co.	1540
Federated Metals Corp.	1540
General Chemical Co.	1560

Bids held under advisement.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing full treated pressure creosoted poles, fob cars or trucks, Los Angeles Harbor District, Spec. 2026, were opened by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, July 22.
Bids were taken on the following:
(1) 300 40-ft.; (2) 75 45-ft.; (3) 50 55-ft. poles.
The bids were:

H. A. Browning Lumber Co., (1) $18; (2) $21.15; (3) $29.35; Douglas fir; shipping weight, 450,000 lbs.

Texas Creosoting Co., (1) $17.80; (2) $22.01; (3) $33.54; (Alt. 1) $37.35; (Alt. 2) 60-foot, $42.87 Yellow Pine; wt. 614,750 lbs.

Chas. R. McCormick Lumber Co., (1) $14.30; (2) $18.15; (3) $24.70; Douglas fir; wt. 561,500 lbs.

American Lumber & Treating Co., (1) $18.80; (2) $21.15; (3) 60-ft. poles $28.05; Douglas fir; wt. 460,000 lbs.

J. H. Baxter & Co., (1) $16.55; (2) $20.65; (3) $28.15; Douglas fir; weight 520,000 lbs.

Graybar Electric Co., (1) $23.32; (2) $28.42; (3) $45.75; southern yellow pine; wt. 675,250 lbs.

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MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

SOUTHERN PACIFIC CO.

SAN FRANCISCO.—Until Aug. 12, 12 o'clock noon (to be opened at 2 P. M.) bids will be received by Southern Pacific Company, G. M. Betterton, Purchasing Agent, Room 952, 65 Market St., San Francisco, for furnishing estimated quantities of lubricating oils, greases, illuminating oils, gasoline and distillates as required for the year ending August 14, 1937.

Proposals may be obtained from the above.

OAKLAND CITY

OAKLAND, Cal.—Until August 4, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for the rental of two air compressors and four concrete mixers, for use of the Street Dapartment.

Specifications obtainable from the above office.

OAKLAND, Cal.—Until August 4, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for furnishing concrete pipe, 12-in. to 51-in. diam., for the remainder of the fiscal year, ending June 30, 1937.

Specifications obtainable from the above office.

SANTA CLARA COUNTY

SAN JOSE, Santa Clara Co., Cal.—Until August 3, 8 P. M., bids will be received by the San Jose Board of Education, Walter L. Bachrodt, Secretary, for furnishing fuel oil for the High School, 4 Junior High Schools, and 11 Elementary Schools for the school year 1936-37.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE — Until August 5, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Agent, The Panama Canal, Washington, D. C., under Schedule No. 3167, for furnishing rotary air blowers, fire truck, and meter-testing blocks.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until August 5, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-21, for furnishing Oregon Pine lumber.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until August 4, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-18, for furnishing round, flat, and square iron, cold rolled steel steel plates, angle iron, and brass machine nuts.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until August 4, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-20, for furnishing 300,000 ft. b.m. Douglas fir lumber for mattress construction, 1-in.x4-in., surfaced 1 side and 1 edge.

Delivery f.o.b. U. S. Engineer Yard, Sacramento Weir, and/or bidder's plant.

Specifications obtainable from the above office.

LOS ANGELES, Cal.—Until August 3, 3 P. M., bids will be received by U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, for furnishing approximately 564,000 lbs. of fabricated steel and other metal work incidental to the steel framework in the superstructures of a highway bridge included in Federal Project No. 13-130 known as the Overland Ave. Bridge; Circ. Prop. ER-509-37-60. Plans and specifications may be obtained at the above address.

KERN COUNTY

MARICOPA, Kern Co., Cal.—Until August 11, 6 P. M., (to be opened at 7:30 P. M.) bids will be received by the Board of Trustees of the Maricopa Unified School District, C. B. Warne, Clerk, for furnishing one school bus for carrying 8 or 10 pupils, body to be convertible for light drayage purposes.

Specifications obtainable from the above office.

RECLAMATION SERVICE

GRAND COULEE, Wash. — Until August 14, 2 P. M., bids will be received by U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Customhouse, Denver, Colo., upon Spec. No. 817-D for furnishing fourteen cast iron bulkheads for installation in the Grand Coulee power plant.

No charge for specifications to bona fide prospective bidders.

Bid information obtainable from above office.

CALIFORNIA STATE

EUREKA, Cal.—Until August 3, 11 A. M., bids will be received by the Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Ave., Eureka, for the rental of three 3-yd. dump trucks for approximately 500 hours to be used as required in District I.

Specifications obtainable from the above office.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until August 4, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, as follows:

Informal Proposal No. 775: Two motor truck chassis, 13,500 lbs. capacity;

Informal Proposal No. 776: 20 tons of copper sulphate.

Specifications obtainable from the above office.

SANTA CRUZ CITY

SANTA CRUZ, Santa Cruz Co., Cal.—Until August 3, 9 A. M. (to be opened at 9:30) bids will be received by Santa Fe City Council, S. A. Evans, City Clerk, for furnishing Douglas fir or Redwood timber and treated Douglas fir piles for construction of the Cooper Street foot bridge.

Specifications may be obtained from above office.

TEHAMA COUNTY

RED BLUFF, Tehama Co., Cal.—Until August 3, 8 P. M., bids will be received by the Red Bluff City Council, E. E. Stevens, Supt. of Water Works, for furnishing one deep well turbine pump and motor.

Specifications obtainable from above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until August 3, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3755, for furnishing 7 galvanometers and 7 blasting machines, 5 to 50 shots; fob bidder's shipping pt. or Charlottesville, Va.

Specifications obtainable from above office.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until August 4, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L.B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-19, for furnishing 8 pump valves, medium hard gray, cold water, 75-125 lbs., 6-in.x¾-in.x25/32-in. hole; 8 pump valves, medium soft gray, cold water, 50-75 lbs., 4-in.x⅝-in.x21/32-in. hole; Brass unions, ells and tees; and 6 syphons for damper regulators, Ray burner.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

TUBES, 11,200 lbs. admiralty metal condenser; Mare Island. Sch. 8413 July 28.

SAW MACHINE, motor-driven band, 26-in.; Mare Island. Sch. 8411; July 28.

GRINDERS, 3 electric bench grinders, 6 sets carbon brushes, 3 electric drill presses and 6 sets of carbon brushes; Mare Island. Sch. 8404; July 28.

ZINC-OXIDE 800,000 lbs.; Mare Island Sch. 8421; July 28.

ROPE, 8,700 ft. wire; Mare Island. Sch. 8424; July 31.

HEATERS, 75 electric and spares; Mare Island. Sch. 8448; Aug. 4.

Information obtainable from above office anad from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

YAKIMA PROJECT, Wash.—Until August 14, 2 P. M., bids will be received by U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Customhouse, Denver, Colo., under Spec. No. 816-D for furnishing structural steel for one highway bridge and one hoist bridge over the spillway channel at the Kachess Dam, Yakima Project; delivery to be at Easton, Washington.

No charge for specifications to bona fide prospective bidders. Bid information from above office.

COMPLETE BID LISTING

RIVERSIDE COUNTY, Cal.—C. F. Robbins, 915 Merritt Bldg., Los Angeles, at $29,694, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing a timber bridge with concrete deck and grading and applying road-mix surface treatment on about .4 mile of roadway approaches at Temecula River, about eight miles north of San Diego County line.

The work involves:

(1) 224 M. gals. water;
(2) 11,200 c.y. rdwy. excav., unclass.
(3) 380 c.y. struc. excav.;
(4) 35,000 sta. yds. overhaul;
(5) 19 sta. finishing rdwy.;
(6) 4,300 sq. yds. preparing, mixing and shaping roadbed (road-mix surf. treatment);
(7) 35 tons liquid asphalt SC-2 (road-mix surf. treatment);
(8) 5 tons liquid asphalt 90-95 (seal-coat);
(9) 55 tons screenings (seal coat);
(10) 14,000 lbs. bar reinf. steel;
(11) 98 c.y. Class A Portland cement concrete;
(12) 40 MFBM redwood timber dense select all-heart struc. grade;
(13) 35 MFBM redwood timber, select all-heart struc. grade;
(14) 3,300 l.f. furnishing creosoted Douglas fir piles, inc. test piles;
(15) 78 each driving do;
(16) 625 c.y. riprap;
(17) 26 l.f. 8-in. CMP;
(18) 40 l.f. 18-in. CMP;
(19) 76 l.f. 24-in. CMP;
(20) 1 each spillway assembly;
(21) 0.8 mile new property fence;
(22) 2 each drive gates;
(23) 14 each monuments;
(24) 1 only existing bridge to be removed and disposed of;
(25) 1 lot misc. items of work.

The State will furnish corrugated metal pipe and spillway assemblies as more explicitly set forth in the special provisions.

Total bids follow:

(A) C. F. Robbins, Los Angeles, $29-694.00.
(B) B. G. Carroll, San Diego, $34,506.
(C) V. R. Dennis Const. Co., San Diego, $34,823.90.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.50	$ 3.00	$ 2.00
(2)	1.00	1.00	1.10
(3)	1.50	1.00	1.50
(4)	.01	.01	.02
(5)	10.00	10.00	15.00
(6)	.10	.10	.08
(7)	10.00	15.00	10.00
(8)	30.00	25.00	28.00
(9)	3.50	7.00	5.00
(10)	.05	.05	.06
(11)	12.00	15.00	22.00
(12)	110.00	110.00	110.00
(13)	100.00	100.00	100.00
(14)	.75	.70	.85
(15)	18.00	35.00	16.00
(16)	1.50	5.00	3.50
(17)	.50	1.00	.30
(18)	.50	1.00	.50
(19)	.75	1.00	.60
(20)	5.00	10.00	10.00
(21)	400.00	600.00	500.00
(22)	20.00	20.00	15.00
(23)	2.00	3.00	3.00
(24)	100.00	1000.00	850.00
(25)	750.00	300.00	850.00

BIDS WANTED

LOS ANGELES COUNTY Cal.—Until August 20, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with portland cement concrete about 0.4 mile and constructing a reinforced concrete subway structure in Pasadena between Club Road and El Circulo.

The work involves:

(1) 24 sta. clear and grub right of way;
(2) 1,700 M. gals. water;
(3) 1,550 c.y. remove and dispose of existing concrete;
(4) 42,000 c.y. rdwy. excav., unclass.
(5) 36,000 c.y. old embankment removal;
(6) 47,000 c.y. imported borrow;
(7) 950 c.y. struc. excav.;
(8) 50 c.y. ditch and channel excav.;
(9) 52,000 sta. yds. overhaul;
(10) 11,000 sq. yds. prepare subgrade for pavement;
(11) 24 sta. finishing roadway;
(12) 165 tons mineral aggregate (plant mix surf.);
(13) 9 tons liquid asph. MC-4 or MC-5 (plant mix surf.);
(14) 1 ton liquid asph. MC-2 (prime coa);
(15) 2,150 c.y. Class A Portland cement concrete (pave.);
(16) 531 cy.. Class A do (struc.);
(17) 368 c.y. Class A do (curbs, gutters and sidewalks);
(18) 30 c.y. do (railings and copings);
(19) 88,500 lbs. bar reinf. steel;
(20) 4,000 each pavement dowels;
(21) 140 l.f. 12-in. CMP;
(22) 270 l.f. 18-in. CMP;
(23) 70 l.f. remove and relaying 10-in. CMP;
(24) 1,025 l.f. laminated timber guard railing;
(25) 40 l.f. pipe handrail;
(26) 5,000 lbs. misc. iron and steel;
(27) 110 l.f. curb armor;
(28) 70 each resetting wooden spindles;
(29) 50 each new wooden spindles in place;
(30) 59 each 4-ft. metal headers (crib wall);
(31) 17 each 6-ft. do;
(32) 8 each 8-f. do;
(33) 26 each 6-ft. metal stretchers (crib wall);
(34) 116 each 8-ft. do;
(35) 14 each metal spacers (crib wall)
(36) 22 each metal inserts (crib wall);
(37) 84 each metal caps (crib wall);
(38) 8 ea. adjusting manholes to grade
(39) 1 each pave crossing device.

The State will furnish Corrugated Metal Pipe and Metal Cribbing as more explicitly set forth in the special provisions.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the office of the District Engineers in San Francisco and Los Angeles.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

MARION COUNTY, Oregon—Averill & Corbin, Rt. 10, Portland, at $48,-439.50 submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for construction of an undercrossing structure to carry the Southern Pacific Co. tracks over the Butterville Road-Hubbard Highway approximately one mile north of Hubbard, Marion County.

BIDS WANTED

SAN DIEGO COUNTY, Calif.—Until August 20, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing a reinforced concrete bridge across Las Choyas Creek at Main Street in the city of San Diego, consisting of three 30-foot spans on concrete pile bents and concrete abutments with timber pile foundations, and grading and surfacing 0.19 mile of roadway with plant mix surfacing for detour.

The work involves:

(1) 90 M. gals. water;
(2) 330 c.y. rdwy. excav.;
(3) 900 c.y. struc. excav.;
(4) 1,500 c.y. ditch and channel excavation;
(5) 2,400 c.y. imported orrow;
(6) 570 tons mineral aggregate (plant mix surf.);
(7) 30 tons liquid asph. MC-5 or MC-extra heavy (do);
(8) 12 tons liquid asph. SC-2 (road mix surf. treatment);
(9) 1,400 sq. yds. preparing, mixing and shaping shoulders;
(10) 500 c.y. Class A Portland cement concrete (struc.);
(11) 245 c.y. do (footing blocks);
(12) 12 c.y. do (railing);
(13) 97,000 lbs. bar reinf. steel;
(14) 473 lbs. bronze expansion plates;
(15) 2,440 l.f. furnishing Douglas fir piles including test piles;
(16) 122 each driving do;
(17) 720 l.f. furnishing concrete piles, including test piles;

(18) 24 each driving do;
(19) 120 l.f. 36-in. CMP;
(20) 1,600 l.f. laminated guard railing;
(21) 2 each automatic drainage gates;
(22) 1 only existing bridge to be removed and disposed of;
(23) 1 lot misc. items of work.

The State will furnish Corrugated Metal Pipe and Drainage Gates as more explicitly set forth in the special provisions.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the office of the District Engineers in San Diego, Los Angeles and San Francisco. •

BIDS OPENED

KERN COUNTY, Cal.—Rexroth and Rexroth, Box 2110-C, Station A, Bakersfield, at $20,191.30 submitted only bid received by the State Division of Highways, Sacramento, for constructing two timber bridges with concrete decks and grading and applying road-mix surface treatment on about 0.3 mile in Kern County at Kern River overflow channel and Calloway Canal.

The work involves:

(1) 250 M. gals. water;
(2) 15 c.y. rdwy. excav., unclass.;
(3) 120 c.y. struc. excav.;
(4) 4,400 c.y. imported borrow;
(5) 15 sta. finishing rdwy.;
(6) 7 tons liquid asph. SC-2 (prime coat);
(7) 65 tons liquid asphalt SC-2;
(8) 6,500 sq. yds. preparing, mixing and shaping roadbed;
(9) 21,000 lbs. bar reinf. steel;
(10) 160 c.y. Class A Portland cement concrete;
(11) 36 MFBM redwood timber, dense, select, all-heart struc. grade;
(12) 14 MFBM redwood timber, select all-heart, struc. grade;
(13) 2,610 l.f. furnishing treated Douglas fir piles, inc. test piles;
(14) 74 each driving piles, inc. test piles;
(15) 20 l.f. 8-in. CMP;
(16) 12 l.f. 42-in. CMP;
(17) 4 each spillway assemblies;
(18) 300 l.f. laminated guard railing;
(19) 75 each guide posts;
(20) 1 lot existing trestles removed & disposed of;
(21) 8 each monuments complete in place.

Unit prices follow:

(1)	$ 2.50	(2)	$ 1.50
(3)	1.50	(4)	.75
(5)	10.00	(6)	20.00
(7)	15.00	(8)	.10
(9)	.06	(10)	20.0
(11)	100.00	(12)	95.0
(13)	.68	(14)	20.00
(15)	.50	(16)	2.00
(17)	20.00	(18)	2.0
(19)	2.00	(20)	600.00
(21)	5.00		

CONTRACT AWARDED

SAN FRANCISCO—Barrett & Hilp, 918 Harrison St., and Pacific Bridge Co., 1106 Balfour Bldg., San Francisco, awarded contract by Golden Gate Bridge & Highway District, at $800,000 for paving the main spans, side spans and approach spans of Golden Gate Bridge. Approximately 9000 feet of 60-foot roadway and 11-foot sidewalks on each side is to be paved.

The work includes furnishing and installing scuppers and drainage pipe. Reinforced concrete balustrades are to be furnished on both sides of the roadway over the Marin approach span and the wing walls of the north abutment.

BIDS WANTED

HUMBOLDT AND TRINITY COS., Cal.—Until August 19, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.6 mile grading and constructing three timber bridges in Humboldt and Trinity Counties, between 1.3 mile and 13.1 miles east of Bridgeville and at Clear Creek.

The work involves:

(1) Clearing and grubbing;
(2) 9175 cu. yds. roadway excavation, unclass.;
(3) 2600 sta. yds. overhaul;
(4) 990 cu. yds. struc. excav.;
(5) 35 sta. finnshing roadway;
(6) 520 cu. yds. Class A Portland cement concrete (strucs.);
(7) 71 cu. yds. Class A Portland cement concrete (footing blocks);
(8) 69,000 lbs. bar reinf. steel;
(9) 109 M. ft. b.m. Redwood timber dense, select, all heart, struc. grade;
(10) 35.5 M ft. b.m. measure Redwood timber select, all-heart, struc. grade;
(11) 60,000 lbs. struc. metal;
(12) 30 cu. yds. dry rubble;
(13) 30 cu. yds. light riprap;
(14) 34 lin. ft. 12-in. CMP;
(15) 100 lin. ft. 18-in. CMP;
(16) 110 lin. ft. 36-in. CMP;
(17) 4 each, exist. timber bridges to be removed;
(18) 1 lot misc. bridge items.

NOTE:—The State will furnish corrugated metal pipe, etc., as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box, 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka.

BIDS WANTED

SANTA CRUZ COUNTY, Cal.—Until August 19, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of two bridges in Santa Cruz County, one across Fall Creek and the other across San Lorenzo River at Points approximately 8 and 14 miles respectively, north of Santa Cruz.

The work involves:

(1) 9 sta. clear and grub;
(2) 1100 cu. yds. rdwy. excav., unclass;
(3) 560 cu. yds. struc. excavation;
(4) 560 tons crusher run base;
(5) 5 tons liquid asphalt SC-1A (prime coat and shoulders);
(6) 6 tons emulsified asphalt, penetration Type, 90-95;
(7) 80 tons screenings;
(8) 32 cu. yds. Class A Portland cement concrete (pave.);
(9) 42,000 lbs. bar reinf. steel;
(10) 320 cu. yds. Class A Portland cement concrete (strucs.);
(11) 46,000 lbs. struc. steel;
(12) 16 M. ft. B.M. Douglas Fir timber;
(13) 8 M ft. B.M. Redwood timber, dense, select, all-heart structural grade;
(14) 1 lot exist bridges to be removed and disposed of;
(15) 1 lot miscellaneous items of work

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramenao, and on file at the office of the District Engineer in San Francisco and Los Angeles. •

BIDS WANTED

SANTA CRUZ COUNTY, Cal.—Until August 19, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of a bridge across Rodeo Gulch, 1.7 miles east of the city limits of Santa Cruz, consisting of two 60-ft. plate girder spans and four 30-ft. steel stringer spans with concrete deck on existing concrete piers and abutments.

The work involves:

(1) 1 only exist. bridge to be removed and disposed of;
(2) 75 cu. yds. struc. excav.;
(3) 46,000 lbs. bar reinf. steel;
(4) 235 cu. yds. Class A Portland cement concrete;
(5) 123,000 lbs. new struc. steel;
(6) 55,000 lbs. salvaged struc. steel;
(7) 6 M. ft. B.M. measure Redwood timber, dense, select, all-heart, struc. grade;
(8) 560 lin. ft. 24-in. wire fence;
(9) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. •

CONTRACT AWARDED

VENTURA COUNTY, Cal.—Robert D. Patterson, 1911 San Andres St., Santa Barbara, at $20,868.18 awarded contract by State Division of Highways, Sacramento, for widening an existing reinforced concrete bridge across Conejo Creek, 2½ miles east of Camarillo, consisting of eight 30-foot spans.

BIDS WANTED

SAN BRUNO, San Mateo Co., Cal.—Until August 26, bids will be received by the San Bruno City Council for drilling a new water well on Huntington Ave. near the municipal water plant.

Specifications obtainable from the above office.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS OPENED

LOS ANGELES—Rohl-Connolly Co. 4351 Valley Blvd., submitted the only bid, July 24, at $2,145,100 to the U. S. Engineer, 751 S. Figueroa St., for the construction of composite type breakwater, 4887 ft. long, in the Los Angeles Long Beach Outer Harbors, under Circ. Prop. No. 773. The items were:

(1) 408,000 tons furnishing and placing "A" stone;
(2) 328,000 cu. yds. furnishing and placing "B" stone;
(3) 667,000 cu. yds. dredging and depositing sand and clay core material.

The bid was:

Rohl-Connolly Co., (1) unit price $2.35, total $958,800, (2) $2.60 unit price, $2.60 total $852,800; (3) unit price $0.50, total $333,500.

Engineer's estimate, (1) unit price, $1.87, total $762,960; (2) unit price, $2.26, total $741,280; (3) unit price, $0.488, total, $325,496. Total price, $1,829,736.

Major Theodore Wyman, Jr., District Engineer.

CONTRACT AWARDED

OREGON AND WASHINGTON—Puget Sound Bridge & Dredging Co., 2929 16th St. W., Seattle, at $277,260 (Alt. 2) awarded contract by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-36-407, for channel improvement in the Columbia River, Oregon and Washington, from Celilo Falls to Umatilla.

BIDS OPENED

SAN FRANCISCO—Pacific Bridge Co., 1106 Balfour Bldg., San Francisco, at $15 per hour (total $9000) submitted only bid received by U. S. Engineer Officer, Col. J. A. Dorst, Dist. Engineer, San Francisco, for lease of clamshell dredge to be used at Yerba Buena shoals for a period of 600 hours

CONTRACT AWARDED

SACRAMENTO, Cal.—Olympian Dredging Co., 249 First Street, San Francisco, at $34,480 awarded contract by the U. S. Engineer Office,

208 Post Office Building, Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-7, for furnishing and operating clamshell dredging plant at hourly rates for use in Suisun Bay and the San Joaquin and Sacramento rivers and tributary channels.

23— CANALS

LOW BIDDER

BOISE PROJECT, Idaho—J. A. Terteling & Sons, P. O. Box 1406, 2232 Fairview Ave., Boise, at $292,796 submitted low bid to the Bureau of Reclamation, R. J. Newell, Constr. Engineer, Ontario, Oregon, for constructing earthwork, tunnels, canal lining and structures, Black Canyon Canal, Station 606 plus 70 to Station 643 plus 40 and Station 719 plus 70 to Station 742 plus 45, Payette Division, Boise Project; Spec. No. 688. The work is located near Emmett, Idaho.

Principal items of work are:

(1) 102,700 c.y. excav. for canal;
(2) 1,350 c.y. excav. for core banks;
(3) 6,000 sta. yds. overhaul;
(4) 1,140 c.y. excav. for structures;
(5) 33,330 c.y. excav. for tunnels;
(6) 500 c.y. backfill;
(7) 2,100 c.y. compacting canal embankment;
(8) 3,500 s.y. trimming canal sections for concrete lining;
(9) 7,220 c.y. concrete in tunnels;
(10) 907 c.y. concrete in structures;
(11) 320 c.y. concrete in canal lining;
(12) 2,400 c.f. pressure grouting;
(13) 425 s.y. dry-rock paving;
(14) 120,600 lbs. placing reinf. bars;
(15) 452,800 furnishing and installing permanent steel tunnel supports
(16) 258 MFBM furnishing and erecting permanent timbering in tunnels;
(17) 137,000 lbs. furnishing and installing steel tunnel liner plates;
(18) 2,400 l.f. 6-in. diameter tunnel drains;
(19) 1,200 l.f. drilling grout holes;
(20) 1,300 lbs. installing gates and gate hoists.

COMPLETE BID LISTING

ALL - AMERICAN CANAL.—Peterson Const. Co., 610 Wesley Temple Bldg., Minneapolis, at $339,452, as previously reported, submitted low bid to the Bureau of Reclamation, Federal Bldg., Yuma, R. B. Williams, Construction Engineer, under Spec. No. 81, for construction of wash overchutes, drainage inlets, and turnouts, All-American Canal, Station 308 to Station 1122, All-American Canal system, Boulder Canyon Project.

The work is located from about 10 miles northeast to about 6 miles west of Yuma. Principal items of work involved are:

(1) 210,000 c.y. excavation for canal;
(2) 71,650 c.y. do for structures;
(3) 27,200 c.y. do for wash channels and dikes;
(4) 3,800 c.y. compacting embankments;
(5) 23,400 c.y. compacted lining;
(6) 31,150 c.y. backfill;
(7) 11,795 c.y. concrete;
(8) 4635 sq. yds. dry-rock paving;
(9) 8950 c.y. riprap;
(10) Placing 2,132,000 lbs. reinforcement bars;
(11) Driving 591,800 lbs. steel sheet piling;
(12) Installing 1880 l.f. rubbr seals and rubber toes;
(13 Installing 3475 sq. ft. of molded ealstic joint material;
(14) Erecting 4 MFBM timber railings
(15) Installing 6550 lbs. metal handrails;
gate hoists;
(16) Installing 3500 lbs. gates and gate hoists;
(17) Installing 1700 lbs. miscellaneous metal work.

Work has been divided into schedules as follows:

(1) Bee wash overchute at Sta. 737 plus and drainage inlet at Sta. 775 plus 65;
(2) 810 Wash overchute at Sta. 807-12.5;
(3) 888 Wash overchute at Sta. 889;
(4) 945 Wash overchute at Sta. 945 plus 90;
(5) 112 Wash overchute at Sta. 1122 plus 50 and drainage inlet at Sta. 1068 plus 75;
(6) Turnouts at Stas. 308, 381, 586, and 691 plus 85.

Complete total bids follow:

Peterson Const. Co., Minneapolis, Minn.: Sch. 1, $58,689.25; Sch. 2, $81,-171; Sch. 3, $76,589.50; Sch. 4, $46-406.25; Sch. 5 $62,156; Sch. 6, $14,440; total, $351,047; with deductions for award of all schedules applied, the total is $339,452.

V. R. Dennis Const. Co., San Diego: Sch. 1, $69,335.50; Sch. 2, $87,680.50; Sch. 3, $87,945.50; Sch. 4, $53,025; Sch. 5, $73,157.50; Sch. 6, $13,790; total $384,934.50; will accept all or Schedules 1 to 5.

David H. Ryan, San Diego: Sch. 1, $84,243.25; Sch. 2, $103,278.50; Sch. 3, $98,076; Sch. 4, $63,137.75; Sch. 5, $73-776; Sch. 6, $22,555; total, $455,066.50; will only accept award of all schedules.

George Pollock Co., Sacramento: Sch. 1, $75,665; Sch. 2, $104,386.80; Sch. 3, $100,759.50; Sch. 4, $62,833.20; Sch. 5, $76,037; Sch. 6, no bid.

Work shall be commenced within 30 calendar days and be completed within 520 calendar days from date of receipt of notice to proceed.

BIDS WANTED

PETALUMA, Sonoma Co., Calif.—Until Aug. 3, 7:30 P. M., bids will be received by Petaluma City Council, Gladys V. Roberts, City Clerk, for constructing and rebuilding levee along east bank of the Petaluma River on the Rutherford property opposite Haystack Landing, starting at Station C12 of the U. S. Re-Survey of Dredging Operations on Petaluma River and extending southerly a distance of 384 feet.

Specifications may be obtained on application to the city clerk.

24— STREET LIGHTING SYSTEMS

CONTRACT AWARDED

SAN FRANCISCO — R. Flatland, 1899 Mission St., San Francisco, at $11,594 awarded contract by Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 12 for constructing an ornamental street lighting system on Sixth St., between Market and Townsend Sts.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

OGDEN, Utah.—Following bids received by the Bureau of Reclamation, Custom House, Denver, under Spec. No. 812-D, for furnishing miscellaneous structural steel, control gates and appurtenances and cast iron gates for installation in the surge tank at the division works of the Ogden Canyon Conduit, Ogden River Project, Utah:

(1) Miscellaneous steel;
(2) Control gates and appurtenances;
(3) Two 4x5'-ft. cast iron gates.

Pekrell Iron Works, Denver: (3) $535; 1% discount; fob Denver.

Joshua Hendy Iron Works, S. F.: (2) $2,974; (3) $575; net; fob Sunnyvale.

General Iron & Steel Works, Portland: (1) $1,973; (2) $3,266; (3) $385; net; fob Portland.

Spuck Iron & Foundry Co. St. Louis (1) $1,690; ½% discount; fob Saint Louis.

John W. Beam, Denver: (1) $1,900, fob Peotone; (3) $550, fob Chicago; ½% discount.

Worden Allen Co., Milwaukee: (1) $1,847; fob Milwaukee; ½% discount.

Valley Iron Works, Yakima: (1) $2,454; (2) $2,458; (1 and 2) $4,812; fob Yakima; 5% discount.

Beall Pipe & Tank Corp., Portland: (1) $3,003.81; (2) $3,658.80; (3) $446.40 fob Portland; net.

California Steel Products Co., San Francisco: (1) $1,498; (2) $2,339; (3) $923; fob San Francisco; net.

Bids held under advisement.

BIDS OPENED

EUREKA, Humboldt Co., Calif.—E. E. Smith, 1636 B St., Eureka, at $17.50 per hour submitted the only bid received by the State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for rental of one screw type mixing machine for a period of approximately 180 hours.

BIDS OPENED

HUMBOLDT AND TRINITY COS., Cal.—H. C. Anderson, Alton, at $3.50 per hour submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of one ½ or ⅝ cu. yd. power shovel for approximately 640 hours to be used in Humboldt and Trinity Counties.

The other bids were:

Robinson & Rulofson, Healdsburg, $4.25.
J. W. Wells, Stockton, $4.45.
H. L. Daggett, Fortuna, $4.96.
Shanmack Co., San Francisco, $5.14.

BIDS OPENED

HUMBOLDT AND TRINITY COS., Cal.—H. C. Anderson, Alton, at $3.50 per hour submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of one ½ or ⅝ cu. yd. power shovel for approximately 640 hours to be used in Humboldt and Trinity Counties.

Robinson & Rulofson, Healdsburg, at $4.25 per hour submitted the only other bid.

29—STREETS AND HIGHWAYS

BIDS WANTED

SAN FRANCISCO—Until August 5, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18966 for making preliminary test borings in connection with the proposed improvement of Parker Avenue slide. Estimated cost, $825.

The work involves:

(1) 400 lin. ft. test borings, unclassified material, 6-inch minimum diam.;
(2) 100 lin. ft. 2-in. pipe castings to remain in holes.

Specifications obtainable from the office of City Engineer Jorn J. Casey, Room 351, City Hall.

BIDS WANTED

SAN FRANCISCO—Until August 12, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18953, for the reconstruction of Spear St., between Howard St. and the Embarcadero. Estimated cost, $18,621.95.

Work includes widening and setting stone curb, constructing pavement between curbs tnd constructing catchbasins and culverts.

The work involves:

(1) 1120 lin. ft. stone curb reset;
(2) 440 sq. ft. stone curb redressed;
(3) 650 lin. ft. granite curb in place
(4) 3 brick catchbasins, complete;
(5) 75 lin. ft. 10-in. CVP culvert, in place;
(6) 2 manhole frames and covers installed;
(7) 43,600 sq. ft. existing pavement removtd;
(8) 1820 tons asphaltic concrete base and levelling course;
(9) 1150 tons asphaltic concrete wearing surface;
(10) 7 tons asphaltic concrete conform pavement;
(11) 2875 sq. ft. two-course concrete sidewalk;

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS WANTED

TUOLUMNE & Mariposa Cos., Cal.—Until August 10, 2 P. M., bids will be received by State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for furnishing and applying liquid asphalt to existing roadbed on about 11.5 miles in Tuolumne and Mariposa Counties between Moccasin Creek Dam and .3 of a mile south of Coulterville.

The work involves:
(1) 446 tons of liquid asphalt, Type SC-4, in place.

Specifications may be obtained on application to above.

BIDS WANTED

SHASTA COUNTY, Cal.—Until August 11, 2 P. M., bids will be received by State Division of Highways, F. W. Haselwood, District Engineer, Redding, for applying seal coat on about 12.6 miles in Shasta County, between Redding and Millville.

Specifications may be obtained on application to above.

CONTRACT AWARDED

ELKO COUNTY, Nev.—U. B. Lee, 1059 Carpentier St., San Leandro, at $18,529 submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for construction of an asphaltic road-mix surface on a portion of State Highway System in Elko County, Route 11, Section B1, between Elko and a point approximately 11 miles north, a length of approximately 10.8 miles.

Silver State Const. Co., Fallon, at $18,708 submitted second low bid.

CONTRACT AWARDED

WASHOE, Storey and Lyon Cos., Nev.—U. B. Lee, 1059 Carpentier St., San Leandro, Calif., at $13,302.50 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for construction of an asphaltic road-mix surface on a portion of the State Highway System in Washoe, Storey and Lyon Counties, Route 17, Sections A1, A2, A3, A-A2, and B, between junction of Route 3 near Brown's Station to a point approximately 8 miles southeast (Geiger Grade) and Virginia City to Silver City, a length of approximately 13.23 miles.

J. A. Casson, Hayward, Calif., at $11,241.50 submitted second low bid.

CONTRACT AWARDED

WASHOE COUNTY, Nevada—Isbell Const. Co., 1300 E Fourth St., Reno, at $108,546.89 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City for construction of a portion of the State Highway System in Washoe Co., Route 1, Section A2, between California-Nevada state line and a point approximately three miles north, a length of approximately 2.73 miles.

Nevada Rock & Sand Co., Reno, at $114,425.77 submitted second low bid.

CONTRACT AWARDED

VENTURA AND LOS ANGELES Counties, Cal.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $64,348.20 awarded contract by State Division of Highways, Sacramento, for surfacing with plant-mixed surfacing and applying road-mix surface treatment to shoulders on portions, a length of 16.2 miles between Somis and one mile east of Simi and between Castaic Junction and 2.4 miles west thereof.

BIDS OPENED

NEVADA COUNTY, Cal.—Pacific States Constr. Co., 708 Call Bldg., San Francisco, at $56,659.45 submitted low bid to State Division of Highways, Sacramento, for about 2.4 miles grading and surfacing with crusher run base and plant-mixed surfacing in Nevada County, between Donner Lake and Truckee.

The work involves:
(1) 270 M. gals. water;
(2) 3,500 c.y. imported borrow;
(3) 127 sta. finishing rdwy.;
(4) 1,380 tons untreated crush. gravel or stone surf.;
(5) 7,500 tons crusher run base;
(6) 55 tons liquid asph. SC-2 (prime coat and penetration oil treat.);
(7) 146 tons sand (do);
(8) 4,900 tons mineral aggregate for plant-mixed surf.;
(9) 235 tons liquid asph. ROMC-3, ROMC-4 or ROMC-5 (plant-mixed surf.);
(10) 20 tons do (seal coat);
(11) 182 tons screenings (seal coat).

Complete bids follow:
(A) Pacific States Constr. Co., San Francisco, $56,659.45.
(B) A. Teichert & Son, Inc., Sacramento, $72,958.80.

Unit prices follow:

	(A)	(B)
(1)	$ 2.00	$ 2.00
(2)	.75	.60
(3)	5.75	7.00
(4)	2.35	3.61
(5)	2.90	4.21
(6)	21.00	27.00
(7)	2.90	2.50
(8)	3.95	5.11
(9)	23.50	19.00
(10)	28.00	35.00
(11)	4.15	4.50

BIDS OPENED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at $26,454.85 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,923, for repaving and widening of First St. between Market and Harrison Streets, a PWA project.

The work involves:
(1) 20,000 sq. ft. brick pave. removed
(2) 41,000 sq. ft. basalt block pavement removed;
(3) 11,000 sq. ft. asphaltic concrete wearing surface removed;
(4) 4,000 sq. ft. asphalt conc. pavement, consisting of a concrete base and an asphaltic concrete wearing surface, removed;
(5) 4,100 l.f. curbs reset;
(6) 2,000 sq. ft. granite curb redressed;
(7) 450 l.f. armored concrete curb;
(8) 400 l.f. new granite curb in place
(9) 13,500 sq. ft. one-course concete sidewalk;
(10) 900 sq. ft. asphalt-macadam walk consisting of a 4-in. rock macadam base and a 1-in. asphaltic concrete wearing surface;
(11) 6 brick catchbasins move and reset;
(12) 6 curb inlets, constructed;
(13) 21 brick catchbasins set to grade
(14) 750 tons asphaltic base and leveling course;
(15) 867 tons asphaltic wearing surf.;
(16) 100 tons asphaltic conform pave.;
(17) 900 reset crosswalk markers;
(18) 450 new do;
(19) 20,000 sq. ft. 6-in. Class E concrete pavement base;
(20) 14,000 sq. ft. 8-in. do;
(21) 6 manhole frames and covers;
(22) 1,700 l.f. 1½-in. black conduit;
(23) 5 low pressure hydrants moved;
(24) 3 high pressure hydrants moved;
(25) 3 fire and police boxes moved;
(26) 50 c.y. Class B concrete;
(27) 6 street and traffic signs moved;
(28) 2,100 lbs. cast iron pipe and specials;
(29) 225 lbs. pig lead furnished;
(30) 500 lbs. wrought iron bolts and nuts, furnished;
(31) 18 c.y. hydrant excavation;

Total bids follow
(A) Chas. L. Harney, $26,454.85.
(B) A. G. Raisch, $27,128.90.
(C) Fay Improvement Co., $28,261.52.
(D) Pacific States Const. Co., $28,957.20.
(E) M. J. Lynch, $28,989.50.

All bidders of San Francisco.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .05	$ .06	$ .036	$ .09	$ .04
(2)	.06	.04	.036	.04	.03
(3)	.205	.03	.023	.03	.035
(4)	.05	.11	.079	.07	.08
(5)	.35	.40	.29	.35	.40
(6)	.35	.50	.50	.45	.55
(7)	.85	.75	.825	.80	1.00
(8)	1.75	1.75	1.69	2.00	1.70
(9)	.08	.135	.135	.125	.13
(10)	.08	.10	.077	.08	.07
(11)	50.00	50.00	44.85	15.00	50.00
(12)	10.00	8.00	5.50	15.00	8.00
(13)	8.00	10.00	6.33	50.00	5.00
(14)	4.30	4.00	4.07	4.00	4.00
(15)	4.30	4.20	4.86	4.60	6.00
(16)	4.70	4.70	4.81	4.60	4.00
(17)	.07	.05	.027	.10	.05
(18)	.18	.25	.138	.30	.20
(19)	.18	.17	.194	.18	.21
(20)	.30	.28	.32	.29	.30
(21)	25.00	25.00	25.87	25.00	25.00
(22)	.55	.78	1.32	.50	.90
(23)	47.50	30.00	46.00	55.00	50.00
(24)	47.50	30.00	40.50	60.00	50.00
(25)	50.00	40.00	49.50	60.00	50.00
(26)	5.00	7.40	9.12	8.00	8.00
(27)	4.00	2.00	3.30	7.00	3.00
(28)	.10	.13	.114	.15	.10
(29)	.05	.12	.05	.06	.06
(30)	.11	.10	17	.12	.12
(31)	5.00	3.00	1.50	2.00	2.50

BIDS OPENED

CONTRA COSTA COUNTY, Cal.—Pacific States Constr. Co., 708 Call Bldg., San Francisco, at $39,731 submitted low bid to State Division of Highways, Sacramento, for about 4.8 miles surfacing with plant-mixed surfacing in Contra Costa County, between Route 106 and Antioch.

The work involves:
(1) 2,000 tons selected material;
(2) 8,540 tons mineral aggregate;
(3) 450 tons liquid asphalt, MC-5;
(4) 28 tons asphaltic emulsion (prime coat);
(5) 45 tons liquid asphalt MC-3 (seal coat);
(6) 500 tons screenings (seal coat).

Complete bids follow:
(A) Pacific States Construction Co., San Francisco, $39,731.
(B) E. A. Forde, San Anselmo, $40,233.
(C) Independent Constr. Co., Oakland, $41,616.
(D) Charles L. Harney, San Francisco, $49,583.

	(A)	(B)	(C)	(D)
(1)	$ 1.75	$ 1.65	$ 1.75	$ 1.80
(2)	3.00	3.20	3.20	4.05
(3)	17.00	16.00	18.70	18.50
(4)	22.00	20.00	21.00	19.50
(5)	21.00	16.00	20.00	20.00
(6)	2.80	2.25	2.40	3.25

BIDS REJECTED

LOS ANGELES COUNTY, Cal.—State Division of Highways, Sacramento, has rejected only bid received for applying road-mix surface treatment to shoulders on about 1.4 miles

between Verdugo Road and Flintridge Country Club, Los Angeles County. The work will be done by day labor.

A. S. Vinnell Co., submitted only bid, July 13, at $5520. *

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal.—George Herz & Co., P. O. Box 191, Platt Bldg., San Bernardino, at $15,033.20 awarded contract by State Division of Highways, Sacramento, for grading and surfacing with plant-mixed surfacing about eight-tenths of a mile between Verdemont and 0.8 mile westerly in San Bernardino County.

BIDS WANTED

SAN FRANCISCO—Until August 12, 2:30 p. m., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18951, for the reconstruction of Steuart St. between Mission and the Embarcadero.

Work includes realigning curbs and setting to grade, covering existing basalt blocks with 2" asphaltic concrete wearing surface, and new pavement between Folsom and the Embarcadero. Estimated cost, $17,024.30.

The work involves:

(1) 1200 lin. ft. Granite Curb Reset to Grade.
(2) 600 sq. ft. granite curb redressed.
(3) 900 lin. ft. new granite curb, in place.
(4) 425 lin. ft. armored concrete curb.
(5) 21000 sq. ft. basalt block pavement removed.
(6) 4200 sq. ft. two-course concrete sidewalk.
(7) 1000 sq. ft. asphalt-macadam walk.
(8) 3 brick catchbasins (new) in place.
(9) 52 lin. ft. 10" V. C. P. Culvert. in place.
(10) 4 catchbasins reset or reconstructed.
(11) 6 concrete curb inlets.
(12) 6 manhole frames and covers, in place.
(13) 400 tons asphaltic base and levelling course.
(14) 800 tons asphaltic concrete wearing surface.
(15) 50 tons asphaltic concrete conform pavement.
(16) 21500 sq. ft. 6linch class "E" conc. pavement base.
(17) 20 cu. yds. clas "B" concrete.
(18) 1 fire alarm box relocated.
(19) 1 street sign reset.
(20) 3 L. P. hydrants raised.
(21) 2120 lin. ft. 4-inch white laquer traffic line.
(22) 1550 lin. ft. 1½-inch black enameled conduit.

Plans and specifications obtainable from the office of the City Engineer, John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until August 3, 8 P. M., bids will be received by San Rafael City Council, Eugene W. Smith, City Clerk, City Hall, for the improvement of Lincoln Ave. by constructing storm drains and repairing and construction of concrete curbs.

Estimated cost, $3,000.

Specifications obtainable from above office. *

COMPLETE BID LISTING

SAN DIEGO COUNTY Cal.—Daley Corp., 4430 Boundary St., San Diego, at $287,813.25, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with portland cement concrete about 2.7 miles on El Cajon Ave. from Texas St. to Euclid Ave., in San Diego.

The work involves:

(1) 3 each removing and replanting trees;
(2) 1,200 M. gals. water;
(3) 14,660 c.y. removing and disposing of existing pavement, curbs and sidewalks;
(4) 3,000 sq. yds. removing and disposing of existing asph. concrete pavement surf.;
(5) 25,600 c.y. rdwy. excav., unclass.
(6) 385 c.y. struc. excav.;
(7) 31,000 c.y. imported borrow;
(8) 66,100 sq. yds. subgrade for pave.
(9) 2,100 tons crusher run base;
(10) 5,600 tons mineral agg. (plant-mixed surf.);
(11) 235 tons liquid asphalt, MC-5 or MC-Extra Heavy;
(12) 185 tons grade E asphalt cement membrane seal;
(13) 26 tons emulsified asphalt penetration type;
(14) 13,430 c.y. Class A Portland cement concrete pavement;
(15) 650 c.y. Class A do (plug);
(16) 1,075 c.y. Class A Portland cement concrete curbs, gutters & sidewalks;
(17) 70 c.y. Class A white Portland E cement concrete (pedestrian island, curbs and safety blocks);
(18) 17,990 each pavement dowels;
(19) 33,300 lbs. reinf. steel pavement;
(20) 2,450 l.f. 4-in. standard tile underdrain;
(21) 315 c.y. rock filling material;
(22) 4 each pavement crossing devices type B-10;
(23) 45 each adjusting existing manholes to grade.

Total bids follow:

(A) Daley Corp., San Diego, $287,813.25.
(B) V. R. Dennis Const. Co., San Diego, $290,169.10.
(C) David H. Ryan, San Diego, $291,468.10.
(D) Griffith Co., Los Angeles, $293,864.90.
(E) Basich Bros., Torrance, bid irregular—check insufficient—total bid, $273,827.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$15.00	$11.00	$50.00	$250.00	$20.00
(2)	1.00	1.50	1.00	2.00	1.50
(3)	1.00	1.10	1.40	1.00	1.25
(4)	.60	.60	1.00	.90	.25
(5)	.54	.65	.70	.40	.50
(6)	2.50	2.20	1.00	2.00	1.50
(7)	.70	.75	.60	.70	.60
(8)	.12	.12	.10	.12	.10
(9)	3.90	4.70	3.33	3.50	2.50
(10)	4.30	5.00	4.50	4.00	2.80
(11)	15.00	16.50	12.00	15.00	25.00
(12)	45.50	30.00	16.00	18.00	30.00
(13)	90.00	66.00	20.00	50.00	25.00
(14)	10.60	10.20	11.52	11.78	11.10
(15)	9.30	11.30	9.00	11.00	13.00
(16)	15.25	15.50	14.00	15.00	14.00
(17)	93.00	66.00	25.00	75.00	16.00
(18)	.15	.14	.10	.15	.11
(19)	.075	.08	.07	.08	.06
(20)	.21	.22	.25	.25	1.00
(21)	3.00	3.00	2.00	3.50	2.00
(22)	125.00	50.00	100.00	250.00	25.00
(23)	15.00	5.50	10.00	15.00	10.00

BIDS OPENED

EL DORADO COUNTY—A. Teichert & Son, Inc., P. O. Box 1113, 1846 37th Ave., Sacramento, at $292,954.50 submitted the only bid received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for approximately 2.326 miles grading on Section H of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado National Forest Eldorado County.

The work involves:

(1) 18 a. clearing.
(2) 14 a. cleanup clearing.
(3) 156,000 c. y. unclassified excavation.
(4) 3,800 c. y. do. for structures.
(5) 843,000 sta. yds. overhaul.
(6) 2,000 c. y. mi. haul.
(7) 2.305 mi. finishing earth graded roads.
(8) 32 c. y. Class A concrete.
(9) 177 c. y. Class B concrete.
(10) 178 c. y. Class D concrete.
(11) 55,200 lbs. reinforcing steel.
(12) 5,150 lbs. structural steel.
(13) 285 lbs. bronze bearing plates.
(14) 3,175 c. y. cement rubble masonry.
(15) 122 l. f. 18" C.M.P.
(16) 1,348 l.f. 24" C.M.P.
(17) 68 l. f. 30" C.M.P.
(18) 78 l. f. 48" C.M.P.
(19) 50 c. y. hand laidrock embankment.
(20) 58 guide posts.
(21) 58 culvert markers.
(22) 6 right-of-way monuments.
(23) Extra work, protecting pipe line.

Total bids follow:

(A) A. Teichert & Son, Inc., Sacramento $292,954.50
(B) Engineer's Estimate..... 196,227.75

Unit bids follow:

	(A)	(B)
(1)	$400.00	$250.00
(2)	200.00	50.00
(3)	1.26	.70
(4)	2.50	2.00
(5)	.01	.01
(6)	.25	.30
(7)	500.00	300.00
(8)	37.50	27.50
(9)	32.50	25.00
(10)	35.00	28.50
(11)	.05	.07
(12)	.40	.09
(13)	.50	14.00
(15)	2.50	1.60
(16)	3.50	2.50
(17)	5.00	3.60
(18)	8.50	6.50
(19)	5.00	4.00
(20)	4.00	2.50
(21)	4.00	2.50
(21)	3.00	2.00
(22)	5.00	3.00
(23)	100.00	100.00

BIDS WANTED

MARIPOSA and TUOLUMNE COS.—Until August 18, 2 p. m. bids will be received by the Bureau of Public Roads, Federal Office Bldg., S. F., for 5.544 miles grading and placing subgrade reinforcement on Sections A2 and B1 of Route 4, the Tioga Road, Yosemite National Park, Mariposa and Tuolumne Cos.

The principal items of work involved are:

(1) 35 acres clearing.
(2) 125 acres cleanup clearing.
(3) 128,200 c. y. unclassified excavation.
(4) 6,100 c. y. do. for borrow.
(5) 25,300 c. y. subgrade reinforcement.
(6) 2,000 c. y. unclassified excavation for structures.
(7) 10,200 . y. sod excavation.
(8) 200,000 sta. yds. overhaul.
(9) 34,500 c. y. mi. haul.
(10) 3,598 l. f. C.M.P. (asphalt dipped) in place.
(11) 25 c. y. concrete.
(12) 975 lbs. reinforcing steel.
(13) 82 c. y. masonry.
(14) 5,200 c. y. hand laid rock embankment.
(15) 5 type A spillway inlets.
(16) 17 cast steel grates.

Plans and specifications obtainable from the above office upon deposit of $10 per set.

CONTRACT AWARDED

TEHAMA COUNTY—A. Teichert & Son, Inc., 1846 37th Ave., P. O. Box 1113, Sacramento, at $156,780 awarded contract by the State Highway Commission, Sacramento, for surfacing with crusher run base and plant-mixed surfacing (medium curing type) about 13.4 miles between Route 3 and 1.5 miles east of Dales, Tehama County.

BIDS WANTED

YOLO COUNTY—Until August 3, 10:30 a. m., bids twill be received by the Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for about 0.2 mile paving with crusher run base, stabilized base and plant-mixed bituminous treated surfacing in Yolo County between Second Street and Elm Street in the City of Woodland.

Specifications obtainable from the above office. 29

BIDS WANTED

KERN COUNTY, Cal.—Until Aug. 4, 3 P. M., bids will be received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for treating with Class A seal coat about 35.2 miles in Kern County between the San Bernardino county line and the junction of Routes 23 and 145.

The work involves:

(1) 304 tons liquid asphalt, MC-3;
(2) 1860 c.y. sand.

Plans and specifications obtainable from the above office and on file at the office DAILY PACIFIC BUILDER.

COMPLETE BID LISTING

VENTURA COUNTY, Cal.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $64,348.20, as previously reported submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for surfacing with plant-mixed surfacing and applying road-mix surface treatment to shoulders on portions, a length of 16.2 miles between Somis and one mile east of Simi and between Castaic Junction and 2.4 mi. west thereof.

The work involves:

(1) 13,210 tons mineral aggregate plant mixed surface medium curing type, Location A;
(2) 3,400 tons do, Location B;
(3) 795 tons liquid asphalt MC-4 or MC-5 or MC-Extra Heavy, Location A;
(4) 205 tons do, Location B;
(5) 103,000 sq. yds. asph. paint binder, Location A;
(6) 37,000 do, Location B;
(7) 350 tons liquid asphalt SC-2, Location C;
(8) 43,000 sq. yds. preparing, mixing and shaping shoulders.

Total bids follow:

(A) Griffith Co., Los Angeles, $64,348.20.
(B) Oswald Bros., Los Angeles, $71,658.75.
(C) Southwest Paving Co. Roscoe, $74,329.00.
(D) Geo. R. Curtis Paving Co., Los Angeles, $76,109.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$2.62	$3.00	$3.10	$3.25
(2)	2.22	3.00	3.42	3.50
(3)	13.50	13.00	14.00	13.20
(4)	13.50	12.75	14.00	13.10
(5)	.015	.02	.015	.019
(6)	.015	.02	.015	.019
(7)	9.00	10.00	10.00	9.00
(8)	.08	.06	.05	.06

CONTRACT AWARDED

SISKIYOU COUNTY, Calif. — Hayward Bldg. Materials Co., Atherton, and Jackson Sts., Hayward, at $5,139, as previously reported, submitted the only bid received by the Division of Highways, F. W. Haselwood, District Engineer, Redding, and awarded contract by the State Highway Commission, Sacramento, for treating about 12.5 miles with Class C seal coat, in Siskiyou County between Grizzly Peak and ¼ mile east of McCloud.

Unit bids follow:

VENTURA COUNTY—BRIDGE WIDENING—STATE

VENTURA COUNTY, Cal.—Robert D. Paterson, 1911 San Andres Street Santa Barbara, at $20,868.18, as previously reported, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for widening an existing reinforced concrete bridge across Conejo Creek, 2½ miles east of Camarillo, consisting of eight 30-ft. spans.

The work involves:

(1) 1,000 c.y. struc. excav.;
(2) 260 tons asphalt concrete;
(3) 1,200 sq. yds. asph. paint binder;
(4) 625 c.y. Class A Portland cement concrete (struc.);
(5) 37 c.y. Class A Portland cement concrete (railing);
(6) 91,000 lbs. bar reinf. steel;
(7) 872 lbs. cast steel;
(8) 50 c.y. concrete to be removed and disposed of;
(9) 1 lot misc. items of work.

Total bids follow:

(A) Robert D. Paterson, Santa Barbara, $20,868.18.
(B) C. F. Robbins, Los Angeles, $21,061.60.
(C) R. R. Bishop, Long Beach, $23,679.18.
(D) Byerts & Dunn, Los Angeles, $23,911.
(E) C. O. Sparks and Mundo Engr. Co., Los Angeles, $25,078.96.
(F) J. E. Haddock, Ltd., Pasadena, $27,696.60.
(G) Contracting Engineers Inc., Los Angeles, $28,631.84.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 2.00	$ 1.50	$ 2.00	$ 1.75	$ 1.50	$ 1.50	$ 3.50
(2)	4.40	3.50	3.50	5.00	6.00	5.00	4.50
(3)	.03	.05	.02	.06	.06	.03	.10
(4)	18.00	18.00	19.00	18.00	23.00	28.00	20.00
(5)	30.00	40.00	35.00	50.00	45.00	35.00	85.00
(6)	.05	.05	.045	.04	.05	.044	.055
(7)	.233	.30	.15	.25	.18	.30	.22
(8)	3.50	5.00	7.00	12.00	6.00	12.00	10.00
(9)	400.00	800.00	3000.00	3231.00	900.00	1200.00	2500.00

SAN FRANCISCO—SLOAT-SKYLINE PAVING—(CITY)

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at $211,160.40 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,921 for paving the Sloat-Skyline connection, from Sloat Blvd. at 39th Ave. to Skyline Blvd. at Lake Merced Blvd. on State Highway Rte. 55.

The work involves:

(1) 17 acres clearing right of way;
(2) 237,500 cu.yds. excavation;
(3) 584,600 sq.ft. asphalt-macadan pavement (2½-10 in.);
(4) 195,000 sq.ft. waterbound macadam pavement (6-in.);
(5) 3,000 sq.ft. concrete sidewalk (two course);
(6) 16,500 lin.ft. white concrete curb (unarmored);
(7) 27,400 lin.ft. redwood headers (2 x 6-in.);
(8) 680 lin.ft. guard rail (heavy type)
(9) 1,750 lin.ft. corrugated metal culvert (12-in.) incl. supports;
(10) 130 lin.ft. corrugated metal culvert (15-in.);
(11) 23 brick catchbasins;
(12) 2 brick manhole;
(13) 5,000 lin. ft. wire mesh fence;
(14) 252 lin. ft. cast iron pipe culvert (24-in.);
(15) 270 lin. ft. vitrified clay pipe culvert (12-in.);
(16) Lump sum, underpass complete excepting lighting;
(17) Lump sum, lighting system complete;
(18) Lump sum alteration to sprinkler system;
(19) Lump sum, traffic control system, complete;
(20) Lump sum, relocating Girl Scouts camp;
(21) Lump sum, brick manholes (reconstruction);
(22) 362,000 sq.ft. planting ice plant;
(23) Lump sum, recolate 6-in. water main;
(24) 385 lin.ft. lowering 10-in. water main.

Total bids follow

(A) Chas. L. Harney, $211,160.40.
(B) Peninsula Paving Co., $217,428.00.
(C) Sibley Grading & Teaming Co., $224,394.98.
(D) Eaton & Smith, $233,991.10.
(E) MacDonald & Kahn Co., Ltd., $239,116.80.
(F) M. J. Lynch, $249,737.00.

All bidders of San Francisco.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 356.00	$ 150.00	$ 300.00	$ 250.00	$ 200.00	$ 100.00
(2)	.24	.29	.28	.354	.235	.32
(3)	.144	.15	.1603	.136	.187	.175
(4)	.04	.04	.04	.04	.04	.05
(5)	.14	.14	.15	.14	.14	.13
(6)	.65	.60	.70	.60	.70	1.00
(7)	.11	.09	.12	.15	.12	.15
(8)	1.00	1.00	.90	1.25	1.50	1.00
(9)	2.50	1.75	1.50	2.00	2.30	1.20
(10)	2.75	2.00	1.75	2.50	3.00	2.00
(11)	65.00	80.00	55.00	60.00	80.00	100.00
(12)	95.00	100.00	95.00	75.00	100.00	120.00
(13)	.40	.37	.60	.30	.35	.50
(14)	3.75	1.00	1.50	2.00	2.00	1.00
(15)	2.40	1.00	1.00	1.50	1.50	1.00
(16)	20,000.00	20,000.00	16,500.00	25,000.00	20,000.00	18,000.00
(17)	3,269.00	3,500.00	3,300.00	4,500.00	4,000.00	3,500.00
(18)	1,250.00	250.00	750.00	200.00	500.00	400.00
(19)	700.00	700.00	549.00	350.00	600.00	500.00
(20)	700.00	300.00	475.00	850.00	500.00	400.00
(21)	175.00	250.00	250.00	100.00	300.00	500.00
(22)	.01	.01	3,650.00*	.01	.0276	.015
(23)	600.00	500.00	490.00	350.00	600.00	650.00
(24)	2.50	.50	880.00*	.90	2.34	1,000.00*

*Intended by bidder's as lump sum bids.

BIDS WANTED

GLENN COUNTY, Calif.—Until August 19, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.8 miles grading, surfacing with crusher run base and plant-mixed surfacing, and constructing a reinforced concrete girder bridge in Glenn County between Orland and the northerly boundary.

The work involves:

(1) 148 sta. clear and grub right of way;
(2) 1,500 M. gals. water;
(3) 230 c.y. remove existing concrete pavement;
(4) 25 c.y. remove existing concrete structures;
(5) 11,000 c.y. rdwy. excav., unclass.
(6) 650 c.y. struc. excav.;
(7) 41,000 c.y. imported borrow;
(8) 1,100 sta. yds. overhaul;
(9) 148 sta. finishing rdwy.;
(10) 13,300 tons crusher run base;
(11) 5,600 tons mineral agg. (plant-mix surf.);
(12) 280 tons liquid asph. ROMC-4 or ROMC-5 (do);
(13) 39 tons liquid asph. SC-2 (prime coat);
(14) 195 tons sand (prime coat);
(15) 900 sq. yds. asph. paint binder;
(16) 215 tons stone screenings (seal coat);
(17) 24 tons liquid asphalt ROMC-3 or ROMC-4 (seal coat);
(18) 47,900 lbs. bar reinf. steel;
(19) 220 c.y. Class A Portland cement concrete (struc.);
(20) 13 c.y. Class A Portland cement concrete (bridge railing);
(21) 1,070 l.f. furnishing reinf. conc. piles, including test piles;
(22) 35 each driving do;
(23) 1 only remove and dispose of existing bridge;
(24) 8 l.f. 8-in. CMP;
(25) 164 l.f. 12-in. CMP;
(26) 384 l.f. 18-in. CMP;
(27) 300 l.f. 24-in. CMP;
(28) 2 each remove and reseting headwalls;
(29) 1 only cast steel frame and cover for drop inlet;
(30) 324 l.f. cleaning and relaying existing pipe culverts;
(31) 126 l.f. cleaning and salvaging do;
(32) 80 l.f. laminated guard railing;
(33) 1,590 l.f. remove and salvage existing guard railing;
(34) 29 each culvert markers;
(35) 8 each guide posts;
(36) 1.8 miles new property fence;
(37) 8 each drive gates;
(38) 0.2 mile moving and resetting property fences;
(39) 1.9 miles remove and dispose of property fences;
(40) 28 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville.

BIDS WANTED

COCONINO COUNTY, Ariz.—Until August 11, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for furnishing 880 tons Type SC-2 liquid asphaltic road material for use on Sections C, D, E, F, G and H of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Coconino County, Arizona.

Specifications obtainable from the above office and from the Bureau of Public Roods, 414 Title and.. Trust Bldg., Phoenix.

BIDS WANTED

VENTURA County—Until August 3, 2 p. m., bids wil be received by the Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for about 0.23 mile grading and surfacing with plant-mixed surfacing (medium curing type) in Ventura County between Clark and Sudden Barranca.

The work involves:

(1) 12 Sta. clearing and grubbing right of way.
(2) 50 M gallons water in place.
(3) 900 cu. yds. roadway excavation without classification.
(4) 110 cu. yds. structure excavation.
(5) 25 cu. yds. ditch and channel excavation.
(6) 12 Sta. finishing roadway.
(7) 610 tons mineral aggregates in place (plant-mixed surfacing).
(8) 3 tons likuid asphalt, MC-2, in place (prime coat).
(9) 33 tons liquid asphalt, MC-5 or MC extra heavy, in place (plant-mixed surfacing).
(10) 2,100 lbs. bar reinforcing steel in place.
(11) 30 cu. yds. Class "A"Portland cement concrete in place.
(12) 20 lin. ft. 18-in. corrugated metal pipe in place (the pipe to be furnished by the Sttae).
(13) 24 lin. ft. existing corrugated metal pipe culverts removed, cleaned and relaid.
(14) 6 culverts markers in place.
(15) 1,500 sq. yds. asphaltic paint binder in place.
(16) 190 cu. yds. concrete pavement and structures removed and disposed of.

Plans and specifications obtainable from the above office.

MENDOCINO CO. — 4.5 Grade and Surface — (State)

MENDOCINO COUNTY, Cal.—Hemstreet & Bell, 411 C Street, Marysville, at $180,546.20 submitted low bid to the State Division of Highways, Sacramento, for about 4.5 miles grading and surfacing with gravel base and screened gravel in Mendocino Co., between Outlet and Reeves Creeks.

The work involves:

(1) 22 acres clear and grub right of way (Location A);
(2) 19 acres do (Location B);
(3) 3,400 M. gals. water;
(4) 286,500 c.y. rdwy. excav., unclass.
(5) 939,000 sta. yds. overhaul;
(6) 4,000 c.y. struc. excav.;
(7) 3,800 c.y. ditch and channel excavation;
(8) 237 sta. finishing rdwy.;
(9) 38,400 tons gravel base;
(10) 13,000 tons screened gravel (surf.)
(11) 170 tons liquid asphalt SC-1A (prime coat);
(12) 83 tons liquid asphalt MC-3 (seal coat);
(13) 1,000 tons screenings (seal coat);
(14) 450 tons screenings (stockpiles);
(15) 153 c.y. Class A Portland cement concrete (struc.);
(16) 9,100 lbs. bar reinf. steel;
(17) 1,650 l.f. 8-in. CMP;
(18) 1,580 l.f. 18-in. CMP;
(19) 1,634 l.f. 24-in. CMP;
(20) 204 l.f. 30-in. CMP;
(21) 22 l.f. 48-in. CMP;
(22) 84 l.f. 60-in. CMP;
(23) 124 l.f. 60-in. CMP (8 gauge);
(21) 6,650 l.f. 8-in. perf. metal pipe underdrains;
(25) 4,920 tons rock filling material;
(26) 22 each spillway assemblies;
(27) 21 each perf. metal junction pipes
(28) 20 each cast steel frames and covers for drop inlets;
(29) 190 l.f. existing CMP pipe to be removed and relaid;
(30) 384 l.f. do to be removed and salvaged;
(31) 1 only building right of Sta. 283 plus 55 to be moved;
(32) 1 only building left of Sta. 284 plus 00 to be moved;
(33) 4 each existing headwalls to be moved and reset;
(34) 0.5 mile existing fence to be moved and reset;
(35) 130 each culvert markers;
(36) 230 each guide posts;
(37) 100 each monuments complete in place.

Complete bids follow:

(A) Hemstreet and Bell, Marysville, $180,546.20.
(B) N. M. Ball Sons, Berkeley, and Larsen Bros., Sacramento, $190,853.00.
(C) Fredericksen & Westbrook, Lower Lake, $192,225.24.
(D) Union Paving Co., San Francisco $209,325.30.
(E) Peninsula Paving Co., San Francisco, $213,632.00.
(F) Isbell Const. Co., Reno, $223,278.30.
(G) D. McDonald, Sacramento, $231,462.00.
(H) George Pollock Co., Sacramento, $244,055.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 80.00	$250.00	$240.00	$250.00	$250.00	$625.00	$200.00	$400.00
(2)	245.00	150.00	220.00	150.00	150.00	350.00	50.00	200.00
(3)	1.00	1.50	1.10	1.25	1.25	1.50	1.50	1.25
(4)	.25	.26	.37	.27	.33	.35	.42	.37
(5)	.0075	.0075	.01	.01	.01	.005	.0025	.01
(6)	1.25	1.20	.82	1.50	1.10	1.00	1.50	1.25
(7)	.75	.60	1.00	.80	.60	1.00	.80	.40
(8)	7.50	8.00	4.00	8.00	5.00	10.00	7.00	10.00
(9)	.65	.80	.45	.90	.64	.55	.70	1.00
(10)	1.00	1.05	.66	1.00	1.20	.95	1.00	1.20
(11)	18.00	16.00	13.75	20.00	18.00	20.00	20.00	22.00
(12)	25.00	22.00	21.50	30.00	25.00	25.00	22.00	28.00
(13)	3.00	3.00	3.20	2.50	3.50	3.75	4.00	2.75
(14)	3.00	2.50	2.75	2.00	3.00	3.75	3.00	2.25
(15)	25.00	25.00	21.00	25.00	25.00	28.00	24.00	33.00
(16)	.06	.06	.06	.06	.05	.06	.06	.08
(17)	1.00	1.00	.95	1.25	1.00	1.07	1.00	1.00
(18)	1.90	2.00	1.60	2.20	1.75	2.00	2.00	1.75
(19)	2.80	2.50	2.35	3.20	2.75	2.90	2.80	2.50
(20)	3.50	4.00	2.91	4.00	3.25	3.80	3.60	3.50
(21)	10.00	7.00	7.65	8.00	8.00	7.50	7.70	6.50
(22)	12.00	10.00	13.00	13.00	12.00	12.00	10.80	10.00
(23)	13.50	12.00	15.00	16.00	14.00	14.00	13.00	12.00
(24)	1.00	1.10	.95	1.25	1.00	1.10	1.00	.80
(25)	1.50	1.25	.80	2.00	2.50	1.75	1.60	2.50
(26)	15.00	15.00	13.20	20.00	15.00	21.00	15.00	14.00
(27)	20.00	15.00	19.00	25.00	20.00	30.00	25.00	14.00
(28)	40.00	50.00	36.00	50.00	40.00	40.00	25.00	40.00
(29)	1.00	.50	.83	.75	.50	.75	1.00	.75
(30)	.50	.30	.45	.75	.50	.75	.70	.50
(31)	225.00	200.00	165.00	500.00	125.00	125.00	150.00	125.00
(32)	50.00	100.00	82.00	500.00	75.00	125.00	50.00	125.00
(33)	10.00	10.00	11.00	10.00	15.00	10.00	25.00	20.00
(34)	600.00	500.00	400.00	500.00	400.00	450.00	300.00	700.00
(35)	2.50	3.00	2.20	2.50	2.25	3.00	2.00	3.50
(36)	2.50	3.00	2.20	2.50	2.00	2.50	2.00	3.00
(37)	3.00	3.00	2.20	2.50	3.00	3.50	3.00	4.50

BIDS WANTED

SISKIYOU AND SHASTA COS., Cal.—Until August 11, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for 22.209 miles of bituminous treatment (light surface application) on portions of Sections D and 1 of Route 11, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Siskiyou and Shasta Counties.

The principal item of work involved is 236 tons liquid asphaltic road material, Type SC-2.

Plans and specifications obtainable from the above office upon deposit of $10. •

BIDS WANTED

SHASTA COUNTY, Cal.—Until August 19, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.8 miles grading and surfacing with road-mix surfacing on crusher run base in Shasta County, between Sulphur Creek and Boulder Creek Hill and at Sulphur Creek Hill.

The work involves:

(1) 19.5 arces clear and grub right-of-way;
(2) 22,600 M. gals. water;
(3) 181,000 cu. yds. roadway excavation unclass.;
(4) 1175 cu. yds. struc. excav.;
(5) 380 cu. yds. ditch and channel excavation;
(6) 607,000 sta. yds. overhaul;
(7) 17,200 cu. yds. imported selected material;
(8) 260 cu. yds. exist. concrete removed and disposed of;
(9) 94 sta. finishing roadway;
(10) 4850 cu. yds. crusher run base;
(11) 50 tons liq. asphalt SC-2 (prime coat);
(12) 2100 cu. yds. mineral aggregate (road-mix surf.);
(13) 140 tons liq. asphalt ROMC-3 or ROMC 4 (road-mix surf.);
(14) 20 tons liq. asphalt ROMC-3 or ROMC-4 (seal coat);
(15) 150 cu. yds. sand (seal coat);
(16) 69,000 lbs. bar reinf. steel (strucs)
(17) 570 cu. yds. Class A Portland cement concrete (strucs.);
(18) 126 lin. ft. 12-in. CMP;
(19) 640 lin. ft. 18-in. CMP;
(20) 96 lin. ft. 24-in. CMP;
(21) 158 lin. ft. 36-in. CMP;
(22) 34 each, culvert markers;
(23) 90 lin. ft. guard railing removed and salvaged;
(24) 30 each, monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Redding. •

BIDS WANTED

SOLANO COUNTY, Cal.—Until August 19, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.7 miles grading and surfacing with bituminous treated surfacing, plant - mixed, in Solano County between the westerly boundary and Cordelia and between the County Hospital and Fairfield.

The work involves:

(1) 310 M. gals. water;
(2) 12,000 cu. yds. roadway excavation, unclass.;
(3 500 cu. yds. struc. excavation;
(4) 20,000 cu. yds. imported borrow;
(5) 300 cu. yds. salvaged surface;
(6) 193 sta. finishing roadway;
(7) 1500 tons untreated crushed gravel or stone;
(8) 5400 tons mineral aggregate (bituminous treated surf.);
(9) 380 tons asphaltic emulsion 90-95 (bituminous treated surf.);
(10) 18 tons asphaltic emulsion 90-95 (paint binder and seal coat);
(11) 90 tons sand (seal coat);
(12) 190 tons liq. asphalt SC-2;
(13) 30,900 sq. yds. preparing, mixing and shaping shoulders;
(14) 2512 lin. ft. 8-in. perf. metal pipe;
(15) 450 cu. yds. rock filling material

NOTE:—The State will furnish perforated metal pipe, etc., as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Stockton. •

BIDS WANTED

LOS ANGELES and Orange Cos. Cal.—Until August 20, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with asphalt concrete, portland cement concrete and plant - mixed surfacing about 12 miles between Norwalk and Miraflores.

The work involves:

(1) 71 sta. clear and grub;
(2) 1,470 M. gals. water;
(3) 800 c.y. existing conc. to be removed;
(4) 46,000 c.y. rdwy. excav., unclass.;
(5) 22,000 sta. yds. overhaul;
(6) 2,400 c.y. struc. excav.;
(7) 100 c.y. ditch and channel excav.
(8) 20,000 tons imported selected material;
(9) 83,000 sq. yds. preparing subgrade
(10) 633 sta. finishing rdwy.;
(11) 2,800 tons mineral agg. (plant-mix surface);
(12) 150 tons liquid asphalt MC-4 or MC-5 (do);
(13) 16 tons liquid asph. MC-2 (prime coat);
(14) 67,000 sq. yds. preparing, mixing and shaping shoulders;
(15) 68 tons liquid asph. SC-2 (Shoulder prime coat);
(16) 810 tons liquid asph. SC-2 (shoulders);
(17) 15,730 tons asphalt Conc. (base and leveling courses);
(18) 7,680 tons asphalt concrete (type A surface);
(19) 6,220 c.y. Class A Portland cement concrete pavement;
(20) 1 each pavement crossing devices (type A-20, 2 lane);
(21) 1 each do (types A-10, 2 lane);
(22) 1 each do (type C-10, 1 lane);
(23) 2 each do (type C-20, 1 lane);
(24) 11,900 each pavement dowels;
(25) 41,500 lbs. bar reinf. steel (pave. and struc.);
(26) 200 c.y. Class A Portland cement concrete (struc.);
(27) 80 l.f. 18-in. CMP;
(28) 520 l.f. 24-in. CMP;
(29) 50 l.f. 30-in. CMP;
(30) 20 l.f. 24x6⅝-in. part circle CM;
(31) 810 l.f. 30-in. standard reinforced concrete pipe;
(32) 750 c.y. Class A Portland cement concrete (curbs, gutters & sidewalks);
(33) 16,600 sq. yds. asphaltic paint binder;
(34) 7,000 lbs. steel rail assemblies;
(35) 8,200 lbs. misc. iron and steel;
(36) 11 each culvert markers;
(37) 165 l.f. existing CMP to be removed and salvaged;
(38) 3 each manholes to be adjusted to grade;
(39) 200 l.f. curb armor.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the office of the District Engineers in Los Angeles and San Francisco. •

CONTRACT AWARDED

SHASTA CO., Cal.—C. F. Fredericksen & Sons, Lower Lake, at $2,995.20, as previously reported, submitted low bid to the Division of Highways F. W. Haselwood, District Engineer, Redding, and awarded contract by the State Highway Commission, Sacramento, for furnishing and applying liquid asphalt on about 7.3 miles between Four Corners and seven miles northerly, in Shasta Co.

The work involves 156 tons of liquid asphalt, SC-2, in place.

Complete bids follow:

C. F. Fredericksen & Sons, Lower Lake: (1) $19.20; total, $2,995.20.

Hayward Bldg. Material Co., Hayward: (1) $19.50; total, $3,042.

L. J. Immel, Berkeley: (1) $19.95; total, $3,112.20.

BIDS WANTED

SAN LEANDRO, Alameda Co., Cal.—Until August 3, bids will be received by San Leandro City Council, E. F. Hutchings, City Clerk, for the repaving of Washington Ave. from Davis Street to Hepburn St.

Work will be financed by the city's share of State gasoline tax funds.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, 1846 Thirty-seventh Ave., Sacramento at $18,385 awarded contract by the Sacramento County Board of Supervisors for two miles of asphaltic concrete resurfacing on Fair Oaks Blvd. south of Manzanita Avenue.

SAN MATEO COUNTY—7.3 MI. SURFACING—(STATE)

SAN MATEO COUNTY, Calif.—Leo F. Piazza, 296 N Sixth St., San Jose, at $59,925 submitted low bid to State Division of Highways, Sacramento, for surfacing with bituminous treated surfacing, plant-mixed, portions of 7.3 miles between San Mateo and Redwood City in San Mateo County.

The work involves:

(1) 5,000 c.y. selected material;
(2) 130 tons liquid asph. SC-1A (shoulder seal coat);
(3) 66 tons liquid asph. SC-2 (shoulder seal coat);
(4) 500 tons screenings (seal coat);
(5) 13,100 tons mineral aggregate (bituminous treated surf.);
(6) 900 tons asphaltic emulsion (do);
(7) 70 tons do (paint binder and seal coat);
(8) 350 tons sand (seal coat).

Complete bids follow:

(A) Leo F. Piazza, San Jose, $59,925.
(B) Jones & King, Hayward, $59,932.
(C) Peninsula Paving Co., San Francisco, $59,982.
(D) Union Paving Co., San Francisco, $62,612.50.
(E) Pacific States Const. Co., S. F., $64,971.50.
(F) Charles L. Harney, San Francisco, $67,721.40.
(G) United Contracting Co., Portland, $67,954.50.
(H) Hanrahan Co., San Francisco, $76,954.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(G)	(G)	(H)
(1)	$1.05	$ .78	$ .80	$1.10	$1.00	$ .90	$ .85	$ .82
(2)	11.30	11.00	11.00	14.00	13.00	11.30	11.50	13.00
(3)	12.50	12.00	12.00	15.00	14.00	12.65	12.50	14.00
(4)	3.00	2.50	2.60	3.25	2.65	2.90	2.25	2.80
(5)	2.41	2.75	2.60	2.80	2.95	3.15	3.17	3.80
(6)	18.15	16.00	17.80	14.80	16.00	17.60	18.50	18.00
(7)	25.00	18.00	21.00	22.00	23.00	20.00	18.50	27.00
(8)	3.50	2.50	2.60	3.25	2.65	2.75	2.25	2.80

CONTRACT AWARDED

LOS ANGELES COUNTY—R. E. Campbell, 108 W 6th St., Los Angeles, at $141,286.75 awarded contract by the State Highway Commission, Sacramento, for grading and surfacing with imported selected material and applying Class B seal coat on about two miles of Twenty-fifth St., between Palos Verdes Coast Highway and Patton Ave., Los Angeles County.

CONTRACT AWARDED

LOS ANGELES COUNTY—J. E. Haddock, Ltd., 357 N. Chester St., Pasadena, at $53,834.50 awarded contract by the Sate Highway Commission, Sacramento, for grading and paving with Portland cement concrete about one mile on Rosemead Blvd. between Longden Ave. and Fairview Ave., in Los Angeles County.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, 1846 Thirty-seventh Ave., Sacramento at $10,471.85 awarded contract by the Sacramento County Board of Supervisors for approximately 3.7 miles of armor topping on the Florin-Perkins Road, beginning at Jackson Highway and extending southerly to Florin.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—L. J. Immel, 1031 Evelyn St., Berkeley, at $13,510.40 awarded contract by the Sacramento County Board of Supervisors for approximately 4.4 miles of armor topping on the Elk Grove-Sheldon Road, beginning at the east town limits of Elk Grove and extending easterly.

BIDS WANTED

LASSEN COUNTY, Cal.—Until August 19, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 6.6 miles grading and surfacing with crusher run base and plant-mixed surfacing in Lassen County between Westwood and Coppervale.

The work involves:

(1) 330 M. gals. water;
(2) 1,400 c.y. rdwy. excav., unclass.;
(3) 410 c.y. struc. excav.;
(4) 35 c.y. ditch and channel excav ;
(5) 18,000 c.y. imported borrow;
(6) 347 sta. finishing rdwy.;
(7) 25,500 tons crusher run base;
(8) 12,900 tons mineral agg. (plant-mix surf.);
(9) 680 tons liquid asphalt ROMC-4 (plant mix surf.);
(10) 47 tons liquid asphalt ROMC-2 (prime coat);
(11) 70 tons liquid asphalt ROMC-2 (seal coat);
(12) 760 tons screenings (do);
(13) 700 lbs. bar reinf. steel;
(14) 14 c.y. Class A Portland cement concrete (struc.);
(15) 72 l.f. 12-in. CMP;
(16) 144 l.f. 18-in. CMP;
(17) 54 l.f. 24-in. CMP;
(18) 33 each remove and reset culvert headwalls;
(19) 112 each remove and reset culvert markers.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the Disrict Engineer in San Francisco, Los Angeles and Redding. *

BIDS WANTED

WATSONVILLE, Santa Cruz Co., Cal.—Until August 11, 7:30 P. M., bids will be received by the Watsonville City Council, M. M. Swisher, City Clerk, City Hall, 268 Main St., Watsonville, for widening the roadway by setting back the curbs two feet on each side and removal of the existing pavement on East Lake Ave., bet. Main Street and Station 22+12.3, and rebuildiig the same to required crown and grade from salvaged material and such new material as may be needed, together with the reconstruction of certain manholes, driveways, curbs, gutters, sidewalks, electrolier bases and conduits.

Work will be financed by the city's share of State gasoline tax funds. Estimated cost, $23,000.

Plans and specifications obtainable from the office of City Engineer Bert Kitchen. * 9

BIDS WANTED

YOLO COUNTY, Cal.—Until Aug. 3, 10:30 A. M., as previously reported, bids will be received by the Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for about 0.2 mile paving with crusher run base, stabilized base and plant-mixed bituminous treated surfacing in the city of Woodland, Yolo County between Second and Elm Streets.

The work involves:

(1) 1,160 c.y. existing pavement and subgrade material to be removed;
(2) 977 tons crusher run base;
(3) 950 tons mineral aggregate (stabilized base);
(4) 29 tons asphaltic emulsion (do);
(5) 460 tons mineral aggregate (bituminous treated surfacing);
(6) 29 tons asphaltic emulsion (do);
(7) 3.5 tons asphaltic emulsion (tack coat).

Plans and specifications obtainable from the above office and on file at the office of the DAILY PACIFIC BUILDER. *

BIDS WANTED

SOLANO COUNTY, Cal. — Until August 10, 1:30 P. M., bids will be received by State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for grading and surfacing with plant-mix surfacing about 0.3 mile in the City of Benicia.

The work involves:

(1) 18 stations clearing and grubbing
(2) 275 M. gallons water;
(3) 3600 cu. yds. roadway excavation (unclassified);
(4) 110 cu. yds. ditch and channel excavation;
(5) 75 cu. yds. struc. excavation;
(6) 3200 sta. yds. overhaul;
(7) 7200 cu. yds. imported borrow;
(8) 350 cu. yds. salvaged surfacing (base course);
(9) 18 sta. finishing roadway;
(10) 1100 tons untreated crushed gravel or stone surfacing (base course);
(11) 485 tons mineral aggregate (plant mixed surfacing);
(12) 5 tons liquid asphalt, SC-2 (prime coat);
(13) 260 sq. yds. asph. paint binder;
(14) 25 tons liquid asph., MC-5 or MC-extra heavy (plant mixed surfacing);
(15) 3 tons liquid asphalt, MC-3 (seal coat);
(16) 34 tons stone screenings (seal coat);
(17) 12 cu. yds. removing existing concrete;
(18) 3 cu. yds. Class A Portland cement concrete (structures);
(19) 60 lbs. bar reinforcing steel (structures);
(20) 130 lin. ft. 18-in. corrugated metal pipe;
(21) 47 lin. ft. clean and salvage existing corrugated metal pipe culverts;
(22) 30 each, culvert markers and guide posts;
(23) 13 each, monuments.

Specifications may be obtained from the above office. *

CONTRACTS AWARDED

STATE OF WASHINGTON—Bids for highway construction were opened by L. V. Murrow Director of Highways, Olympia, July 21, and action taken as follows:

King County—Paving with Portland cement concrete and asphaltic concrete on about 1.2 miles of City Street, Section 1, First Avenue South and East Marginal Way, in City of Seattle from Spokane St. to 4th Ave. South, and about 0.1 miles of State Road No. 1, Section 2, Fourth Avenue South, Airport Way Southerly, in City of Seattle, involving about 28,955 square yards of Portland cement concrete pavement and 324 tons of Type 1-1 asphaltic concrete pavement, 348 linear feet of cast iron water main (400 ft. head) and other items.

Low bidder, Macri Bros., 511 21st St. N., Seattle, $105,760. Bids rejected.

Thurston County—Grading and surfacing with crushed stone tand reconstructing the existing undercrossing under the tracks of C.M.St.P.&P.R. R.Co. on about 0.7 miles of County Road, near Rainier, involving about 1.0 acres of clearing, 6,970 cubic yards of excavation, 1,810 cubic yards of crushed stone surfacing, 138 cubic yards of concrete, 133,000 pounds of Structural Steel, 6 M.B.M. of timber and lumber (untreated), 117 linear feet of pipe culverts and other items.

Low bidder, S. R. Gray, Puyallup, $19,835. Bids rejected.

Benton County—Furnishing crushed stone surfacing materials in stockpiles in bunkers at a site about seven miles east of Prosser, Kiona to Prosser, involving about 4,000 cubic yards of crushed stone surfacing in bunkers and 13,000 cubic yards of crushed stone surfacing in stockpiles.

Awarded: Rogers Constr. Co., Dayton, $13,270.

Stevens County — Surfacing with crushed stone on about 4.8 miles of State Road No. 22, Junction of State Road No. 3 to Marcus, involving about 15,780 cubic yards of crushed stone surfacing and mineral aggregate materials and other items.

Awarded: Joslin & McAllister, E. 3018 Trent St., Spokane, $18,700.

Ferry County—Clearing, grading, draining and surfacing with crushed stone on about 0.5 miles of State Road No. 3, Orient Mud Slide Vicinity, involving about 26,730 cubic yards of excavation, 1,520 cubic yards of selected roadway borrow, 27 M.B.M. treated timber and lumber and other items.

Awarded: George B. Garras, $9316.

Skagit and Whatcom Counties — Clearing, grading, draining and paving with Portland cement concrete on about 6.2 miles of State Road No. 1 (Lake Samish Branch) State Fish Hatchery to Lake Samish, involving about 10 acres of clearing, 13,330 cubic yards of excavation, 21,130 cubic yards of selected roadway borrow, 73,119 square yards of cement concrete pavement, 9,569 linear feet of cable guard rail design No. 5, 864 linear feet of pipe culverts and other items.

Awarded: Erickson Paving Co., 1550 N. 34th St., Seattle, $179,795.

Snohomish and Skagit Counties—Clearing, grading, draining and paving with Portland cement concrete on about 9.2 miles of State Road No. 1, Bryant Road to Conway, involving about 6,330 cubic yards of excavation, 21,370 cubic yards of selected roadway borrow, 108,760 square yards of cement concrete pavement, 1,652 linear feet of cable guard rail design No. 6, 321 linear feet of pipe culverts and other items.

Awarded: Northwest Constr. Co., 3950 6th St. N. W., Seattle, $226,342.

CONTRACT AWARDED

MARIN CO., Calif.—F. E. Crews, Fairfax, at prices shown below, awarded contract by the Marin County Board of Supervisors, Court House, San Rafael, for approximately 44,105 sq. yds. surfacing with armor coat and approximately 16,386 sq. yds. to be seal coated only, in Marin County, on the Kentfield - San Quentin Road from Laurel Grove Ave. to the San Rafael-San Quentin State Highway, and on Corte Madera lateral, from the Corte Madera city limits to the Redwood Highway.

(1) 155 tons heavy oil, $15.21 per ton;
(2) 970 tons rock, $1.80 per ton;
(3) 485 tons screenings, $1.84 per ton;
(4) 340 tons birdseye rock, $2.04 per ton.

Rodney Messner, county surveyor.

COMPLETE BID LISTING

SAN BERNARDINO COUNTY, Cal. —George Herz & Co., P. O. Box 191, Platt Bldg., San Bernardino, at $15,-033.20, as previously reported, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with plant-mixed surfacing about eight-tenths of a mile between Verdemont and 0.8 mi. westerly in San Bernardino County.

The work involves:

(1) 78 M. gals. water;
(2) 2600 cu. yds. roadway excavation (unclass.);
(3) 150 cu. yds. struc. excavation;
(4) 10,000 sta. yds. overhaul;
(5) 43 sta. finish roadway;
(6) 4460 tons mineral aggregate (plant mix surf.);
(7) 235 tons liquid asphalt SC-2 (plant mix surf.);
(8) 18 tons liq. asphalt SC-2 (prime coat);
(9) 19 tons liq. asphalt 90-95 (seal coat);
(10) 220 tons screenings (seal coat);
(11) 194 lin. ft. 24-in. CMP;
(12) 3 each culvert markers;
(13) 15 each monuments.

The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Total bids follow:

(A) George Herz & Co., San Bernardino, $15,033.20.
(B) Matich Bros., Elsinore, $16,482.

Unit bids follow:

	(A)	(B)
(1)	$ 2.50	$ 2.00
(2)	.39	.30
(3)	1.20	1.00
(4)	.02	.01
(5)	8.00	5.00
(6)	2.17	2.55
(7)	8.60	10.00
(8)	11.00	10.00
(9)	20.00	20.00
(10)	2.60	2.50
(11)	1.00	1.00
(12)	4.00	3.00
(13)	3.00	3.00

LOW BIDDER

INYO AND MONO COS., Cal.—Regal Oil Co. at $3,897 submitted low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, for furnishing and applying liquid asphalt to existing roadbed on about 20.8 miles in Inyo and Mono Counties, between Deep Springs Valley and the Nevada State Line.

Complete bids will be given shortly.

PLANNED

FRESNO, Fresno Co., Cal. — City Council has adopted Resolution of Intention to construct concrete sidewalks, concrete curbs and gutters, and asphaltic concrete pavement on O Street, between Stanislaus St. and Fresno St., and has set August 6, 10:30 A. M., as the time for hearing protests.

BIDS WANTED

GILROY—Santa Clara County—Until August 3, 5 p. m., to be opened at 8 p. m., bids will be received by the Gilroy City Council, E. F. Rogers, Clerk, City Hall, for the improvement of Old Gilroy St. from Monterey St. to the city limits. Estimated cost, $10,795.

The work involves:

(1) 763 tons asphaltic concrete leveling course.
(2) 763 tons asphaltic concrete surface course.
(3) 737 tons crusher run base.
(4) 39,312 sq. ft. dust oiled shoulders.

Plans and specifications obtainable from the office of Raymond W. Fisher, Porter Bldg., San Jose, engineer, at a charge of $1.

Work will be financed by the city's share of State gasoline tax funds.

COMPLETE BID LISTING

LOS ANGELES COUNTY, Cal.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at $19,237.50, as previously reported, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to existing shoulders on about 14.3 miles between Palmdale and 14.3 miles westerly, in Los Angeles County.

The work involves:

(1) 1125 tons liquid asphalt, SC-4;
(2) 135,000 sq. yds. preparing, mixing and shaping shoulders.

Complete bids follow:

A. S. Vinnell Co., Los Angeles. (1) $10.50; (2) $.055; total, $19,237.50.

Kovacevich and Price, Inc., South Gate: (1) $12; (2) $.05; total, $20,250.

Southern California Roads Co., Los Angeles: (1) $12.25; (2) $.05; total, $20,531.25.

Oilfields Trucking Co., Bakersfield: (1) $11.55; (2) $.059; total, $20,958.75.

J. E. Haddock Ltd., Pasadena: (1) $12.60; (2) $.06; total, $22,275.00.

C. W. Wood, Stockton: (1) $12.50; (2) $.075; total, $24,187.50.

LOW BIDDER

KLICKITAT COUNTY, Wash. — Fred G. Redmon, Yakima, at $38.470 submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing 0.9335 mile of the Mt. Adams Reconstruction grading and subgrade reinforcement project, 17-A2, Columbia National Forest, Klickitat County.

The principal items of work involved are:

(1) 9 acres clearing;
(2) 6 acres grubbing;
(3) 42,250 c.y. unclass. excav.;
(4) 33,000 sta. yds. overhaul;
(5) 2,500 c.y. subgrade reinf.
(6) 1,000 c.y. crushed or screened rock or gravel, top course;
(7) 8,500 c.y. supplemental crushed or screened rock or gravel, Class A and B;
(8) 200 M.. gals. watering;
(9) 50 ea., dangerous trees & snags;
(10) 7,200 l.f. rounding cut slopes;
(11) 90 c.y. Class A concrete;
(12) 9,500 lbs. reinf. steel;
(13) 280 l.f. 18-in. extra strength reinforced concrete pipe.

30—RESERVOIRS & DAMS

CONTRACT AWARDED

SALT RIVER PROJECT, Ariz.—L. E. Dixon & Bent Bros., Inc., 609 So. Grand Ave., Los Angeles, and Case Const. Co., Inc., Alhambra, at $712,-976 awarded contract by the Bureau of Reclamation, E. C. Koppner, Construction Engineer, Phoenix, under Spec. No. 689, for construction of spillways at the Horse Mesa Dam, Salt River Project.

BIDS WANTED

LOS ANGELES—Until August 5, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for the costruction of the Mead reservoir, in Griffith Park near Glendower Rd., under Specifications No. X-30; PWA Docket 1929-R, Unit No. 70. Specifications call for the construction of a reinforced concrete covered reservoir, approximately 102x52x19 ft. deep.

The bidst will be taken as follows.

(1) 1330 cu. yds. roadway excavation to grade, including hauling and disposal;
(2) 5400 cu. yds. reservoir excavation to grade, including hauling and disposal;
(3) 1200 cu. yds reservoir backfill to grade, including compacting;
(4) 150 cu. yds. reinforced concrete reservoir footings, kickers and floor slab construction;
(5) 275 cu. yds. construction of reinforced concrete reservoir and gate pit walls;
(6) 152 cu. yds. reinforced concrete reservoir columns, roof slabs, girders and beams;
(7) 11,060 sq. ft. water proofing interior surfaces;
(8) 13,000 sq. ft. waterproofnig exterior surfaces;
(9) 132 lin. ft. furnish and install crimped copper water stops in walls of reservoir;
(10) 576 lin. ft. furnish and install expansion joints;
(11) furnishing, installing and painting pipe and valve work, lump sum;
(12) furnishing, installing and painting manhole frames and covers, steel ladders and screened vents, lump sum.

Specifications call for completion of the work within 120 calendar days. Specifications may be obtained from the above office upon deposit of $10

31—PIPE LINES & WELLS

BIDS WANTED

SAN MATEO, San Mateo Co., Cal. —Until Aug. 3, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, City Hall, for well drilling at the East Side Park.

Specifications obtainable from the above office.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 7, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for the construction of the Stone Canyon-Western Avenue trunk line, on or near Sepulveda Blvd., between Centinela Blvd. and Manchester Ave., a total length of approximately 16 miles; Spec. No. X-34; PWA Docket 1929-R, Unit No .10. A portion of the materials will be supplied by the department.

The work involves:

(a) 80,950 ft. 36-in. steel pipe, 32 tons reducers (4 ft. to 8 ft. lengths), and 128 tons gate valves (4- to 20-in.);
(b) 80,950 ft. excav. of trench on graded streets;
(c) 73,250 ft. do on ungraded streets;
(d) Placing pipe in trench, welding, etc.:
  (1) 9000 ft. ⅜-in.;
  (2) 7850 ft. 7/16-in.;
  (3) 15,440 ft. 15/32-in.;
  (4) 30,430 ft. ½-in.;
  (5) 10,730 ft. 17/32-in.;
  (6) 7500 ft. 9/16-in.;
(e) 350 ft. 42-in. corrugated steel pipe

under railroads;
(f) Furnish and install welded angle bends:
(1) 5 one-round seam bend;
(2) 6 two-round seam bend;
(3) 4 three-round seam bend;
(4) 1 four-round seam bend;
(5) 3 six-round seam bend.
(g) 10 2-in. outlets with curb cocks;
(h) 42 4-in. outlets with gates and standpipes (except gate valves);
(i) 4 6-in. outlets with gates, etc. (do)
(j) 2 8-in. outlets with gates, etc. (do)
(k) 41 8-in. outlets with gates, etc. for for blow-offs (do);
(l) 5 12-in. outlets with gates etc. (do)
(m) One 16-in. outlet with gates and 30-in. manhole (do);
(n) 80,950 ft. backfill and dispose of surplus excavated material on graded streets;
(o) 73,250 ft. backfill and dispose of surplus excavated material on ungraded streets;
(p) 2 furnish and weld bumped ends and blocking with concrete 36-ing pipe;
(q) 370 ft. furnish and install 16-in. ⅜-in. steel pipe;
(r) 10 house connection sewers, with concrete supporting wall where required.

Plans and specifications obtainable from the above office upon deposit of $10.00.

CONTRACT AWARDED

NAPA, Napa Co., Cal.—Henry Grimoldi, Bauer Tract, Napa, at $715.08 submitted the only bid received and was awarded contract by the Napa City Council for the construction of 620 l.f. of 8-in. vitrified iron stone sewer in Jefferson St. from Elm St. to the south city limits at Sonoma Road.

Work includes the necessary excavation, backfilling, trenching, etc.

H. A. Harrold, city engineer.

BOND ELECTION DEFEATED

TONOPAH, Nevada—A proposal to issue $30,000 in bonds to finance purchase of the J. Grant Crumley sewer company was defeated at a special election held recently.

33— WATER WORKS

BIDS OPENED

SAN FRANCISCO. — General Engr. & Dry Dock Co., 1100 Sansome Street, at $274 each, total, $6,576 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1607, for furnishing 24 adjustable hydraulic reducing valves for the auxiliary water supply system.

The other bids were:

M. Greenberg's Sons, $283 each; total, $6,792.

Enterprise Foundry Corp., $305 each; total, $7,320.

CONTRACT AWARDED

CHICO, Butte County, Calif.—C. E. Stokes, 2163 Iriquois, Chico (rep. the Peerless Pump Co.) at $1,169 submitted low bid and awarded contract by the Chico Board of Education for furnishing a turbine deep well pressure system and pipe for an irrigation system for the Citrus Ave. School.

CONTRACT AWARDED

SANTA CRUZ, Santa Cruz Co., Cal. —United States Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $3,250.59 submitted low bid and was awarded contract by the Santa Cruz City Council for furnishing 1825 l.f. 10-in. Class 150 cast iron pipe and fittings for replacing an existing 4-in. water pipe line in Mission St. between Younglove and Bay Streets. 33

July 30, 1936

CONTRACT AWARDED

BELMONT, San Mateo Co., Calif.—Underground Const. Co., 6 Alvarado Road, Berkeley, at $2,828.10 submitted low bid and awarded contract by the Belmont County Water District, Norte Dame Ave., Belmont, for construction of waterworks improvements.

The work involves:
(1) 730 l.f. 4-in. cast iron pipe;
(2) 4 4-in. gate valves;
(3) 2 fire hydrants;
(4) 6 ⅝-in. meters;
(5) 15 l.f. service pipe.

Total bids follow:
(A) Underground Const. Co., Berkeley, $2,828.10.
(B) W. J. Tobin, Oakland, $3,315.00.

Unit bids follow:

	(A)	(B)
(1)	$ 1.22	$ 1.45
(2)	30.00	25.00
(3)	50.00	65.00
(4)	30.00	30.00
(5)	.25	.68

BIDS WANTED

RIVERSIDE COUNTY—Until August 27, 10 a. m., as previously reported, bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles, under spec. No. 160, for constructing the Hayfield Pumping Plant of the Colorado River Aqueduct.

The work is located in Riverside County about 35 miles east of Indio, and comprises the construction of the Hayfield pumping plant building, together with intake works, outlet structures, electrical switching station and other appurtenant works. The work has been divided into two schedules and no proposal will be considered for less than the whole of the work. The buildings are to be of reinforced concrete and steel construction and the switch and bus structures of galvanized structural steel erected on concrete foundations. With the exception of cement, reinforcement steel, and certain other materials, as provided in the specifications, the contractor will be required to furnish all labor, equipment, supplies, and tools to complete the work.

SCHEDULE NO. 1

(1) 1,000 cu. yds. excavation; all classes, stripping slopes of loose and unsound rock;
(2) 56,500 cu. yds. excavation; earth, for pump building, control house and reservoir intake.
(3) 64,000 cu. yds. excavation; rock for pump building, control house and reservoir intake;
(4) 59,400 cu. yds. excavation; all classes, for 230-kv. switch yard, switch house, transformer foundation, oil tanks, etc.;
(5) 25,550 cu. yds. excavation; all classes for delivery lines, inclined railway, water storage tanks, delivery line gate house and transition, and inclined railway hoist house;
(6) 3,450 cu. yds. excavation; all classes, for drainage ditches, pipe trenches, trenching for electrical ducts, and miscellaneous purposes;
(7) 27 lin. ft. drilling 24-in. diameter plunger well for hydraulic elevator;
(8) 80,000 cu. yds. backfill; compacted, for all structures;
(9) 6,000 cu. yds. backfill not compacted, for all structures;
(10) 10,400 cubic yards backfill; compacted, selected material for compacted core wall.
(11) 2,700 cu. yds. rock fill for transformer foundation and subsoil drainage system around the pump house;
(12) 400,000 sta. yds. earthwork overhaul;
(13) 6,624 lin. ft. installing anchor bars in rock;
(14) 1,400 lin. ft. drilling grout holes;
(15) 1,000 cu. ft. pressure grouting;
(16) 11,915 cu. yds. concrete in substructure of pump building and control house;
(17) 1,805 cu. yds. concrete in 230-kv. switch rack, 2300-volt station service racks, switch house substructure, transformer foundations, power cable tunnel, oil tank foundations, transformer hoist foundations, and retaining walls adjacent to 230-kv switch yard;
(18) 4,508 cu. yds. concrete in delivery pipe supports, anchors, and encasement, intake manifold encasement and inclined railway supports;
(19) 858 cu. yds. concrete in reservoir intake structure, bridge serving the intake structure, and retaining walls adjacent thereto;
(20) 586 cu. yds. concrete in reservoir intake siphon and transition;
(21) 1,180 cu. yds. concrete in delivery pipe gate house and transition;
(22) 260 cu. yds. concrete in paved slopes at reservoir intake;
(23) 530 cu. yds. concrete in electrical conduit envelopes, manholes, and isolated pull boxes;
(24) 962,000 lbs. fabricating and reinforcement steel in substructures of pump building and control house;
(25) 221,000 lbs. fabricating and placing reinforcement steel in 230-kv switch rack, 2300-volt station service racks, switch house substructure, transformer foundations, power cable tunnel, oil tank foundations, transformer hoist foundations, and retaining walls adjacent to 230-kv switch yard;
(26) 322,000 lbs. fabricating and placing reinforcment steel in delivery pipe supports, anchors, and encasement, intake manifold encasement, and inclinded railway supports;
(27) 139,650 lbs. fabricating and placing reinforcement steel in reservoir intake structure, bridge serving the intake structure, and retaining walls adjacent thereto;
(28) 83,000 lbs. fabricating reinforcement steel in reservoir intake siphon and transition;
(29) 93,000 lbs. fabricating and placreinforcement steel in delivery pipe gate house and transition;
(30) 9,500 lbs. fabricating and placing reinforcement steel in electrical conduit envelopes, manholes, and isolated pull boxes;
(31) 2,200 lbs. furnishing and placing galvanized anchor bolts in concrete for all structures;
(32) 9,830 lbs. furnishing and placing ungalvanized anchor bolts in concrete for all structures;
(33) 34,870 lbs. furnishing and installing track rails, steel track ties, and track accessories in transformer foundation;
(34) 1,120 lin. ft. furnishing and laying track in cut or fill for inclined railway, complete with ties and ballast;
(35) 80 lin. ft. furnishing and laying track on trestle for inclined railway;
(36) 227,500 lbs. furnishing and erecting galvanized structural steel for all electrical switch and transformer racks;
(37) 91,600 lbs. furnishing and installing galvanized floor beams in pump building substructure and steel for reservoir intake bridge;
(39) 9,000 lbs. furnishing and installing miscellaneous iron and steel not galvanized;
(40) 15,800 lbs. furnishing and installing miscellaneous iron and

steel, galvanized;
(41) 1,575 lbs. furnishing and installing stair treads and tread plates;
(42) 1,800 lbs. furnishing and installing black pipe railing;
(43) 15,000 lbs. furnishing and installing galvanized pipe railing;
(44) 1,406,000 lbs. furnishing and erecting steel delivery pipes;
(45) 533,000 lbs. furnishing and erecting intake manifolds, complete with inlet nozzles;
(46) 21,000 lbs. furnishing and installing cast steel and standard steel pipe sleeves and thimbles;
(47) 127,230 lbs. furnishing and installing cast iron pipe, fittings, floor drains and vents, including sewer and waste lines from plumbing fixtures;
(48) 59,950 lbs. furnishing and installing cast iron gate guides and frames in reservoir intake struc. and in delivery line transition and gate house;
(49) 100,800 lbs. furnishing and installing cast iron subsoil drains;
(50) 115 lin. ft. furnishing and installing 18-in corrugated culvert;
(51) 150 lin. ft. furnishing and installing 6-in. open-joint clay drain tile in transformer foundation;
(52) Furnishing and installing hot and cold water and plumbing fixtures in pump building substructure; lump sum;
(53) Furnishing and installing metal toilet partitions in pump building substructure; lump sum;
(54) 160 sq. ft. furnishing and installing metal clad swing doors with metal frames in pump building and switch house substructures;
(55) Furnishing and installing ventilating duct work in pump building and control house substructures; lump sum;
(56) Furnishing and installing metal louvres, and steel sash and glazing, in switch house substructure; lump sum;
(57) 63 sq. yds. constructing thin partitions of metal lath and plaster, and suspended ceiling;
(58) Furnishing and installing transite panels and barriers in switch house substructure, lump sum;
(59) 3.26 M ft. b. m., furnishing and erecting timber trestle work for inclined railway;
(60) 41,400 lbs., furnishing and installing metal conduit 1¼-in. and smaller;
(61) 75,800 lbs., furnishing and installing metal conduit 1½-in. and larger;
(62) 450 lin. ft., furnishing and installing 1-in. fibre conduit;
(63) 102,000 lin. ft., furnishing and installing 2½-in. fibre conduit;
(64) 200 lin. ft., furnishing and installing 3-in. fibre conduit;
(65) 1600 lin. ft., furnishing and installing 4-in. fibre conduit;
(65) 1600 lin. ft., furnishing and installing 4-in. fibre conduit;
(66) 725 lbs., furnishing and installing copper wire, straps, sleeves, bars and connectors for electrical ground wire system;
(67) Furnishing and installing fabricated metal boxes for electrical system;
(67a) 800 lbs. boxes weighing 10 lbs. or less;
(67b) 700 lbs. boxes weighing 10 to 25 lbs.
(67c) 1250 lbs. boxes weighing 25 to 40 lbs.
(67d) 150 lbs. boxes weighing 40 to 60 lbs.
(67e) 3700 lbs. boxes weighing over 60 lbs.
(68) 340 lbs., furnishing and installing small commercial type sheet metal boxes for electrical system;
(69) 80 lbs., furnishing and installing small cast metal boxes for electrical system;
(70) Pump building superstructure including erection of crane, lump sum;
(71) Control house superstructure, lump sum;
(72) Switch house superstructure, lump sum;
(73) Generator and compressor house, lump sum;
(74) Concrete water tanks, lump sum;
(75) 48,000 ton-miles, hauling steel;
(76) 392,000 ton-miles haul. cement;;
(77) Overhaul of concrete aggregates (fixed at 10 cents per cubic yard-mile).

SCHEDULE 2

Hayfield sand trap, wasteway, spillway, and approach channel.

Note—No bid will be considered for less than all the items of Schedules 1 and 2. Award, if made, will be for both schedules as one contract.

(78) 57,500 cu. yds., excavation, all classes, for sand trap;
(79) 20,000 cu. yds. excavation, all classes, for spillway and wasteway;
(80) 9000 cu. yds., excavation; all classes, for box siphon;
(81) 16,500 cu. yds., excavation; all classes, for rectangular canal and transition;
(82) 3500 cu. yds., excavation, earth, for aqueduct intake and siphon and trash rack;
(83) 500 cu. yds., excavation; rock, for aqueduct intake siphon and tarsh rack;
(84) 12,000 cu. yds., excavation, all classes, for roadway and drainage;
(85) 16,000 cubic yards, backfill and embankment; compacted, for all structures;
(86) 6,000 cu. yds., backfill and embankment; not compacted, for all structures;
(87) 210 cu. yds., rock fill for drains;
(88) 10,000 sta. yds., earthwork overhaul;
(89) 3800 cu. yds., concrete in sandtrap;
(90) 1450 cu. yds., concrete in spillway and wasteway;
(91) 1245 cu. yds., concrete in box siphon;
(92) 2450 cu. yds., concrete in rectangular canal and transition;
(93) 1265 cu. yds., concrete in aqueduct intake siphon and trash rack;
(94) 170 cu. yds. concrete in drainage structures;
(95) 650,000 lbs., fabricating and placing reinforcement steel in sand trap;
(96) 172,000 lbs., fabricating and placing reinforcement steel in spillway and wasteway;
(97) 241,000 lbs., fabricating and placing reinforcement steel in box siphon;
(98) 680,000 lbs., fabricating and placing reinforcement steel in rectangular canal and transition;
(99) 200,000 lbs., fabricating and placing reinforcement steel in aqueduct intake siphon and trash rack;
(100) 18,000 lbs., fabricating and placing reinforcement steel in drainage structures;
(101) 63,000 lbs., furnishing and installing trash rack metal work;
(102) 140,000 lbs., furnishing and installing sand trap metal work, including galvanized anchor bolts for rails on track girders;
(103) 15,000 lbs. installing wasteway gate;
(104) 36,000 ton-miles, hauling steel;
(105) 108,000 ton-miles hauling cement;
106 Overhaul of concrete aggregates (fixed at 10 cents per cu. yd. mile;
(107) 260 lin. ft. 18-in. 16-guage;

Copies of the specifications may be obtained from the Chief Engineer, F. E. Weymouth, Room 1007, 306 West 3rd St., Los Angeles, upon payment of $5.00, not returnable. Certified or cashier's check for $125,000 must accompany each proposal.

34 — PARKS AND PLAYGROUNDS

COMPLETE BID LISTING

AMADOR COUNTY, Calif.—Anchor Post Fence Co., 460 Fifth St., San Francisco, at $1,294.28, as previously reported, submitted low bid to the Division of Highways, R. E. Pierce, District Engineer, Stockton, for constructing fence at the State Highway Maintenance Station at Ione, Amador County.

Complete bids follow:

Anchor Post Fence Co.	$1,294.28
Standard Fence Company	1,353.81
Pacific Fence Company	1,757.09
Kamlan Fence Company	1,823.24

BIDS WANTED

SAN FRANCISCO—Until August 5, 1:45 P. M., informal bids will be received by Department of Public Works, Room 251, City Hall, for furnishing and installing 110 feet of 16 foot high chain link wire fence, with necessary posts and end braces at the Polytechnic High School, Frederick St. and Arguello Blvd. Spec. No. 4477.

Further information may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th St

BIDS REJECTED

SANTA CRUZ, Santa Cruz Co., Cal. —Treasury Department has rejected all bids for seeding and planting the grounds at the Santa Cruz post office. New bids will be asked shortly. On previous bid opening only bid was submitted by the West Coast Nursery, Palo Alto, at $827.

BIDS OPENED

PUYALLUP, Wash.—W. D. Firth, Tacoma, Wash., at $279 submitted the low bid to Procurement Division, Public Works Branch, Washington, D. C. for seeding and planting at the U. S. post office, Puyallup.

Other bids were:

Puyallup Nursery, Puyallup	$347
Howard Edres, Tacoma	419

Bids held under advisement.

BIDS OPENED

CLAREMONT, Los Angeles Co. Cal. —Daniel B. Milliken, P. O. Box 52, Claremont, at $490 submitted only bid to Procurement Division, Washington, D. C., for seeding and planting at the U. S. post office in Claremont.

Bid held under advisement

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IN THIS ISSUE

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Cuesta Grade Relocation to Cost $665,000

Building Permits, Advance Reports of Building and Engineering Projects

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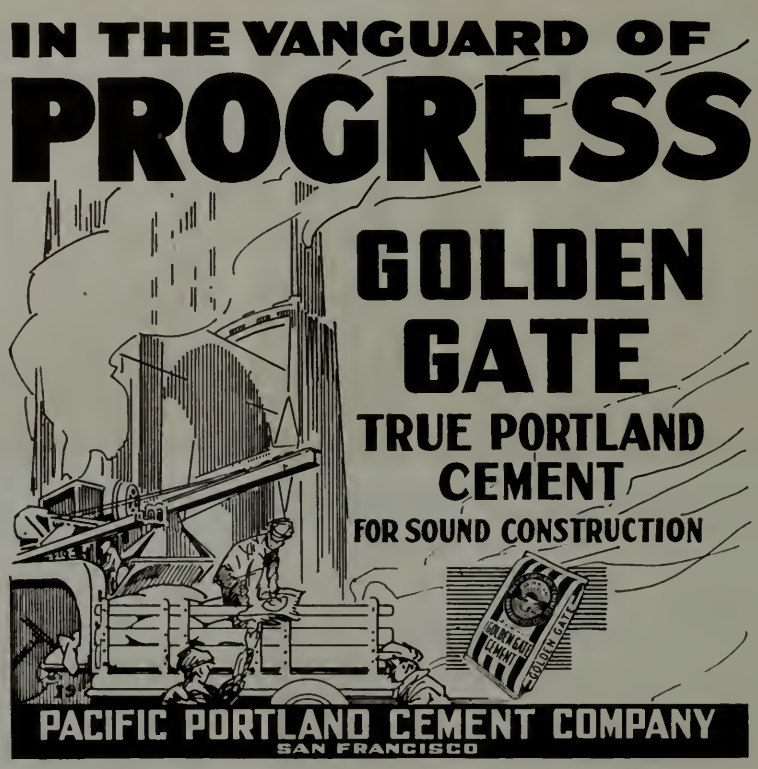

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Vol. XIX SAN FRANCISCO, CALIF., AUGUST 8, 1936 No. 32

WORLD'S FAIR WORK BOOSTS CITY PERMITS

July Total Highest of Year; $814,000 Residential Awards

Two major awards in the 1939 World's Fair building program increase the San Francisco July permit total by $1,413,000 to the highest figure for any month of the year to date. The total of permits issued, including the Exposition work, is $2,573,209, according to the report of S. J. Rosenblum, head clerk in the Central Permit Bureau.

The Exposition contracts are for two airplane hangars to cost $736,000 and the airport terminal building, $677,000. The hangars will be built by MacDonald & Kahn and the terminal by Clinton Construction Co. Although classed as Exposition buildings, all three structures are to be part of the permanent airport facilities remaining after the Exposition vacates the site.

Other classes of work continued in volume at about the same level as in previous months this year. Permits were issued for 149 one-family dwellings to cost $676,868; for nine two-family dwellings and three apartments. The total new residential work is valued at $814,968, providing 192 family units.

Following are the month's permit totals classified by type of construction, with a comparison for the same month of 1935:

	Mo. of July, '36		Mo. of July,'35	
Class	No. of Permits	Estimated Cost	No. of Permits	Estimated Cost
A	.....	.....	.....	.....
B	1	$ 12,500	1	$ 4,000
C	6	90,500	11	34,300
Frames	170	820,103	66	279,210
Alterations	429	219,621	342	210,549
Public	.....	.....	1	85,660
U. S. Gov't.	1	17,485	.....	.....
1939 Exposition	2	1,413,000		
Total	609	$2,573,209	421	$613,819

Orders for steel lockers in May 1936, totalled $202,725, compared with $108,242 for the same month last year, according to the report of the Bureau of Census.

Structural Steel Shipments Heaviest In Five Years

Although June bookings were not so large as those of February or May, the shipments of fabricated steel during June were the largest of any month since Aug., 1931, according to the final reports received by the American Institute of Steel Construction. The June bookings amounted to 54.9 per cent of normal (normal being the annual average for the years 1928-31, inclusive). The bookings for the six months of the current year were better than the tonnage booked in any same six months period since 1931.

Shipments during June amounted to 64.4 per cent of normal Despite the rush of shipments out during this month the total shipments for the six months' period ending with June averaged but 48.2 per cent of normal.

The institute estimates 373,464 tons available for fabrication within the next four months.

Redding To Hold Bond Election For Auditorium

Redding City Council will call a bond election shortly at which an issue of $200,000 in securities will be proposed to finance the city's share of the cost of a municipal auditorium and city office building.

The city has pending with PWA an application for a 45 per cent grant of the cost, which it is understood has been approved and an allotment is expected when further funds are released. Architects Masten and Hurd, San Francisco, have been retained to prepare the plans.

Although a grant for auditorium, fire house and city hall has been requested, city authorities may decide to delay construction of all but the auditorium, reducing the expenditure about one-half.

$2,500,000 FOR FURNITURE MART AT 10th-MARKET

Capital Company Will Erect San Francisco Mercantile Headquarters

The largest commercial building to be erected in San Francisco in recent years is being designed by the Capital Company for construction at an early date on a site at Tenth and Market Streets. The building will be leased to the Western Furniture Exchange and Mercantile Mart.

Investment in the site and building will be approximately $2,500,000, according to Harry J. Moore, president of the furniture exchange.

Capital Company architects have prepared preliminary sketches for a nine-story building, having a 330-foot frontage on Market and Stevenson Streets. It will contain 500,000 square feet of floor space. The type of construction has not been determined.

The elevator plant will include four high-speed passenger cars and two freight elevators. Garage space for 400 cars will be provided in the basement.

The present furniture exchange is at New Montgomery and Howard Streets. It is now headquarters for six divisions of the home furnishings industry, furniture, floor coverings, radios and appliances, curtains and draperies, lamps and gift wares and homewares. Permanent exhibits are maintained by representatives of major manufacturers of these lines from all sections of the United States.

THREE ELECTED TO CENTRAL CHAPTER

Three building contractors have been elected to membership in the Associated General Contractors, Central California Chapter, recently, according to W. E. Hague, secretary-manager. The new members are J. S. Malloch, 666 Mission St., San Francisco; Harris Construction Co., 577 McKinley Ave., Fresno, and Midstate Construction Co., 245 Clinton Ave., Fresno.

SO. CALIFORNIA PWA APPROVALS TOTAL $2,500,000

Ten Applicants Granted Funds In First Allotment of New Money

Grants from the new PWA fund to Southern California projects will permit construction to cost about $2,500,000 by ten applicants. The largest single grant is to the city of Los Angeles for street work, representing 45 per cent of the cost of four improvements, estimated at $1,502,000.

The allotments to Southern California approved in the initial list of new grants are:

Los Angeles. Grant of $630,464 to City of Los Angeles for a project estimated at $1,502,789, consisting of four separate street improvements and a reinforced concrete bridge. The work includes grading, paving, storm drains, sanitary sewers, pedestrian subways, ornamental lighting and traffic signals. Streets to be improved are Highland Avenue from Cahuenga to Santa Monica Blvd.; Santa Monca Blvd. from Heath Avenue to Sepulveda Blvd.; Second Avenue from 100 feet north of Navy Street to Venice Way.

Long Beach. Grant of $20,667 to city of Long Beach for street improvements to cost $45,927.

Los Angeles County. Grant of $18,818 to Los Nietos Elementary School District for rehabilitation of existing school building to cost $41,818.

Santa Monica. Grant of $24,514 to Santa Monica City School District for constructing an elementary school building to cost $54,-500.

Beverly Hills. Grant of $203,400 to Beverly Hills High School District for reinforcing existing buildings at an estimated cost of $452,-000.

Los Angeles County. Grant of $12,445 to the Lawndale School District for completing reconstruction of the Central school building to cost $27,657.

Huntington Park. Grant of $54-000 to city of Huntington Park for a swimming pool 50-ft. by 164-ft., housed in a one-story building of reinforced concrete, including locker rooms and showers. Estimated total cost, $120,000.

Newport Beach. Grant of $100,-035 to city of Newport Beach for constructing reinforced concrete piers, bulkhead, sidewalk and street lighting system. Estimated total cost, $22,300.

San Jacinto. Grant of $16,363 to city of San Jacinto, Riverside Co., for constructing sanitary sewer

Downey. Grant of $16,363 to Alameda School District for reconstructing a building. Estimated total cost, $36,363.

system, outfall and treatment plant requiring 16,840 l.f. clay pipe. Estimated total cost, $36,363.

POLLOCK CO. BIDS $285,000 GRADING

LOS ANGELES, Aug. 6.—George Pollock Co., Sacramento, today submitted the low bid to the State Division of Highways here for 15.4 miles grading and road-mix surfacing in San Bernardino County, between Nevada State Line and Mountain Pass. The bid was $285,202. Bids were received today also for constructing a reinforced concrete bridge across San Antonio Creek, seven and one-half miles north of Ventura. The low bid was submitted by C. O. Sparks and Mundo Engineering Co., Los Angeles, at $39,921.

PWA APPROVES $200,000 NEVADA PUBLIC WORKS

Reno Bridges Head List of Grants; Bonds To Be Voted

Five projects in Nevada received grants from the initial allotment of new PWA funds, releasing construction to cost approximately $200.000 contingent upon applicants providing their share of the cost.

Bulk of the money is allocated to two city of Reno projects for constructing bridges on street extensions across the Truckee River. These structures will cost about $70,000 each. Their construction depends on approval of bond issues by Reno voters at a special election this month.

Following are the approved grants:

Austin. Grant of $8.100 to the Lander County Board of Education for constructing a one-story brick gymnasium building to cost $18,-000 for the existing high school.

Beatty. Grant of $4,500 and loan of $5,500 to Beatty School District No. 5, Nye County, for constructing and equipping classroom and library building.

North Las Vegas. Grant of $15,-545 and loan of $19,000 for constructing additions and extensions to and purchase and rehabilitation of an existing water system.

Reno. Grant of $31,909 to city of Reno for constructing a reinforced concrete bridge across the Truckee River between Lake and Sinclair Streets and paving approaches. Estimated total cost $70-909.

Reno. Grant of $31,090 to city of Reno for constructing a reinforced concrete bridge across the Truckee River, between Sierra St. and Granite St. and paving approaches. Estimated total cost, $69-090.

FHA ADVISES $3,000 HOME AS BUILDERS' GOAL

Mass Market Can Be Reached By Industry, Officials Assert

Catering to the higher income brackets which represent only a small percentage of potential home owners, and neglecting the lower income brackets which compose over one-half of possible home owners means that the building industry is overlooking its greatest market, Federal Housing Administration officials assert.

Research by FHA discloses that 42 per cent of the nation's renting families are paying $10 to $30 a month in rent. The group in the income bracket immediately above, paying $30 to $50 a month includes another 26 per cent of the total. Together these two groups contain about 70 per cent of more than twelve million families who were renting dwellings when the last census was taken in 1930.

"Until homes are built from $1,-200 to $3,000 the housing shortage will continue acute, the building and real estate industries will not gain their full momentum and the mass market will remain untouched," comments the FHA analysis of these figures.

The simplest arithmetic will show that families with incomes of $2,000 or less cannot afford homes costing very much more than above $3,000 to construct. Authorities agree that about 20 per cent of income in that range should be spent for shelter. That would amount to $400 annually on a $2,000 nicome. Under the FHA insured mortgage system, total yearly charges, including taxes and hazard insurance, on a $3,000 20-year mortgage loan, amounts to $357.12.

It is possible to offer these families, under the FHA insured mortgage system, quite as good and in most instances considerably better living conditions at approximately the same price per month as they are now paying in rent and, in addition, a steadily increasing equity in homes of their own.

The $1,200 to $3,000 home is within the practical income range of the mass of our population. They can be built by private enterprise and can be privately financed under the National Housing Act. Further, such homes can be built immediately of materials in common use, at present costs, and within the existing organization of the construction industry. To wait for new developments, or some possible reorganization of the industry, is to deprive great number of families the homes they now need, want and can buy. Delay also means failure to take full advantage of the profit opportunities which the present market affords.

Cuesta Grade Relocation Surveyed; State Allots $665,000 for 3 1-2 Mile Construction

Reconstruction of Cuesta Grade, a three and one-half mile section of the Coast route through the Santa Lucia mountains just north of San Luis Obispo, is provided for in the current budget of the State Division of Highways, with an allotment of $665.000. The existing roadway is inadequate for present traffic volume and is the last remaining unit of the Coast route between San Francisco and San Diego, that is not built to modern highway standards of grade and curvature.

Preliminary investigation and surveys have been underway for several months to determine the most feasible and economical location, according to L. H. Gibson, district engineer at San Luis Obispo. Contracts for grading and surfacing this section will be advertised at an early date.

Results of investigations and plans for the reconstruction are described by Mr. Gibson in the following article, written for the State Department of Public Works magazine:

"The consequent shortening of the proposed lines over that of the existing crooked course makes it necessary to cross the summit of the grade in a much deeper cut than now exists, such a situation necessarily leading to a study relative to tunnel vs. open-cut construction. Present indications appear to favor the open cut. The line as at present tentatively proposed would traverse the easterly slope, somewhat below the existing road.

"A portion of the present road can be used as a detour. On the balance a detour road will have to be constructed to take care of traffic, a very necessary but costly feature.

"Passing over the summit, the proposed line follows down the easterly slope, crossing the Southern Pacific railroad on an overhead structure near the northerly end of the project. This line utilizes a 7-per-cent maximum grade.

"Tentative grading section at the present provides for a 52-foot width in fills and 46-foot width plus 3-foot ditches in cuts. Such section allows for an ultimate 40-foot width of pavement surfacing.

"Due to the magnitude of cuts and fills involved and the necessity of allowing time for their stabilization, the new surfacing will probably consist of either 30 feet or 40 feet of an oil-treated rock surfacing. This temporary surfacing will later provide a sub-base for a more permanent surfacing, such as is generally used on this main-line road.

"The following are the more interesting comparisons between the present road and the tentative design of the proposed improvement, and very clearly indicate the decided improvement, safer and more satisfactory traffic facility which will be provided:

Feature of construction	Present	Proposed (tentative)
Total number curves	71	8
Total number curves, 100-ft. radius or less	21	0
Total number curves, 125-ft. to 250-ft. radius	24	0
Total number curves, 275-ft. to 500-ft. radius	10	0
Total number curves, 525-ft. to 1000-ft. radius	11	0
Total delta of curves	3633°	242°
Total number over 1000-ft. radius	5	8
Maximum grade	7.007%	7%
Saving in distance		0.73 mile

WPA CONSIDERS CONSTRUCTION OF MID-PACIFIC R.R.

Vast Development In Oregon and California Proposed

A joint application approved by California and Oregon WPA administrators awaits final acceptance at Washington headquarters to start a huge government project for development of the area between Grant's Pass, Oregon, and Crescent City, California. Expenditure of $20,380,000 in construction is proposed.

The project contemplates construction of the long-projected railroad from Grant's Pass to Crescent City, providing an outlet for a section rich in natural resources, that has long remained undeveloped due to lack of transportation. For this work a grant of $3,630,711 from WPA is sought and a loan of $3,750,117 from RFC, a total of $7,380,828 in government money.

If the railroad applications are received favorably, Crescent City harbor district and the city of Grant's Pass will seek financing to complete the Crescent City harbor. Other related projects call for an expenditure of $5,000,000 for resettlement and irrigation works and $3,500,000 for construction of 70 miles of feeder rail lines. The Resettlement Administration is interested in transporting families from marginal agricultural lands to the new area. Model towns would be built for the new settlers along the railroad.

Henry J. Kaiser, president of Columbia Construction Company, now constructing Bonneville Dam, and head of various other construction firms, is reported interested in the railroad construction project.

TO ASK BIDS ON $1,000,000 TRUCKEE DAM

Reclamation Chief Engineer Says Specifications Ready Next Week

An invitation for bids for the $1,000,000 Boca Dam on the Little Truckee River in Nevada will be issued next week. Chief Engineer R. F. Walter, of the U. S. Bureau of Reclamation, has advised Nevada irrigation district officials. The contract will be for construction of an earth-fill dam to create a reservoir of 40,000 acre-feet capacity, Mr. Walter stated.

A proposal to increase the height of the dam to make a 75,000 acre-foot reservoir has been under discussion, but negotiations with the irrigation districts, which will repay the construction cost, were not completed.

The reservoir, it has been definitely decided, will be built at the site of the present Boca ice pond and will have a minimum capacity of 40,000 acre-feet. The cost is also limited to one million dollars, of which half will be borne by Washoe county and the remainder by the land owners of the Washoe County Water Conservation district. The money is to be repaid to the reclamation service within forty years without interest.

It is expected by engineers that the bids will be opened about September 15, but the contract will probably not be let until the repayment contract is executed by the local district. Considerable work of a legal nature is yet to be completed before the repayment contract will be ready.

If the bids received next month are satisfactory to the reclamation service and the repayment contract is executed by then, it is possible that excavation work on the dam will be started in October.

Propose $100,000 County Building In Redwood City

San Mateo County Supervisors have directed County Executive Walter Kellogg to report on a proposal to construct a county office building on Middlefield Road, Redwood City. The site under consideration adjoins a building in which various county agencies are quartered.

Estimated cost of the new building is $100,000, about half the amount supervisors have considered spending on an addition to the probably will be requested toward part of the building cost. The county has $50,000 in a special building fund.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1565	Dunbar	Damico	5000
1566	Lindsay	Owner	3950
1567	Lindsay	Owner	3600
1568	Cancilla	Rousseau	10000
1669	Cancilla	Rousseau	10000
1570	Anza	Rousseau	7000
1571	Anza	Rousseau	7000
1572	Bonette	Owner	3000
1573	McCormick	Owner	4000
1574	McCormick	Owner	4500
1575	Edison	Lindgren	5000
1576	Cornblum	Thrall	2500
1577	Cornblum	Thrall	2500
1578	Cornblum	Thrall	2500
1579	Golden	Young	3500
1580	Lindsay	Owner	3600
1581	Lindsay	Owner	3600
1582	Woodworth	Owner	2000
1583	Amazon	Owner	5000
1584	Anderson	Owner	4000
1585	Anderson	Owner	4000
1586	Douglas	Oliver	4000
1587	Richfield	Mills	2750
1588	Ryan	Michel	3000
1589	Bethlehem	Rees	3000
1590	Doelger	Owner	4000
1591	Fitschen	Kappeler	4000
1592	Jacobson	Birdsall	5200
1593	Jacobson	Birdsall	4200
1594	Lyon	Smith	3700
1595	Meyer	Owner	3800
1596	Meyer	Owner	3800
1597	Meyer	Owner	3800
1598	Pencili	Owner	2000
1599	Spindler	Owner	1900
1600	Trinei	Gioardo	3000
1601	Brown	Aetna	5000
1602	Doelger	Owner	4000
1603	Doelger	Owner	4900
1604	Doelger	Owner	4000
1605	Doelger	Owner	4000
1606	Doelger	Owner	4000
1607	Lencioni	Aetna	3500
1608	Schell	Erickson	1875
1609	Standard	Owner	3500
1610	Standard	Owner	3500
1611	Standard	Owner	3500
1612	Standard	Owner	3000
1613	Wolter	Owner	5000
1614	Wolter	Owner	5000
1615	Nelson	Owner	5750
1616	Nelson	Owner	4000
1617	Nelson	Owner	4000
1618	Nelson	Owner	4000
1619	Nelson	Owner	4000
1620	Seiberlick	.....	5000
1621	Arco	Owner	4000
1622	Barellies	Owner	1500
1623	Fredericks	Owner	3000
1624	Douglas	Oliver	4000
1625	Meyer	Owner	3800
1626	Meyer	Owner	3800

DWELLING
(1565) S GREENWICH & ROACH Sts. Two-story and basement frame dwelling.
Owner—George Dunbar, % Contractor
Architect—Not Given.
Contractor—Tony Damico, 2345 Polk St., San Francisco. $5000

DWELLING
(1566) E TWENTY-FOURTH AVE. 175 S Kirkham St. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3950

DWELLING
(1567) E TWENTY-FOURTH AVE. 290 S Kirkham St. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3600

FLATS
(1568) N UNION ST. 200 E Baker St. Two-story and basement frame flats.
Owner—Nicola and Rosalia Cancilla, % Contractor.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., San Francisco. $10,000

FLATS
(1569) N UNION ST. 175 E Baker St. Two-story and basement
Owner—Nicola and Rosalia Cancilla, % Contractor.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., San Francisco. $10,000

DWELLING
(1570) S MARINA BLVD. 39 W Baker St. Two-story and basement frame dwelling.
Owner—Anza Home Building Co., 321 Kearny St., San Francisco.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco.
Contractor—Oliver R. Rousseau, Inc., 321 Kearny St., S. F. $7000

DWELLING
(1571) S MARINA BLVD. 58 W Baker St. Two-story and basement frame dwelling.
Owner—Anza Home Building Co., 321 Kearny St., San Francisco.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco.
Contractor—Oliver R. Rousseau, Inc., 321 Kearny St., S. F. $7000

DWELLING
(1572) E VERNON ST. 245 S Halloway. One-story and basement frame dwelling.
Owner — Paul Bonette, 426 Faxon Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(1573) N KIRKHAM ST. 120 E 29th Ave. One-story and basement frame dwelling.
Owner—Thos. McCormick, 73 Hill St., San Francisco.
Architect—Not Given. $4500

DWELLING
(1574 N KIRKHAM ST. 95 E 29th Ave. One-story and basement frame dwelling.
Owner—Thos. McCormick, 73 Hill St., San Francisco.
Architect—Not Given. $4500

ALTERATIONS
(1575) NO. 825 MARKET STREET. Alter store.
Owner—Edison Bros. Stores, Inc., St. Louis, Mo.
Architect—Not Given.
Contractor — Lindgren & Swinerton, 225 Bush St. $5000

DWELLING
(1576) W FORTY-SIXTH AVE. 25 S Rivera St. One-story frame dwlg.
Owner—E. Cornblum, 510 26th Ave., San Francisco.
Architect—W. E. Huson, 2808 Pierce St., San Francisco.
Contractor—H. A. Thrall, 1701 Grove St., San Francisco. $2500

DWELLING
(1577) W FORTY-SIXTH AVE. 50 S Rivera St. One-story frame dwlg.
Owner—E. Cornblum, 510 26th Ave., San Francisco.
Architect—W. E. Huson, 2808 Pierce St., San Francisco.
Contractor—H. A. Thrall, 1701 Grove St., San Francisco. $2500

DWELLING
(1578) W FORTY-SIXTH AVE. 75 S Rivera St. One-story frame dwlg.
Owner—E. Cornblum, 510 26th Ave., San Francisco.
Architect—W. E. Huson, 2808 Pierce St., San Francisco.
Contractor—H. A. Thrall, 1701 Grove St., San Francisco. $2500

DWELLING
(1579) E THIRTY-THIRD AVE. 350 N Rivera St. One-story and basement frame dwelling.
Owner—Golden Gate Investment Co., 437 Kearny St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Samuel Young, 437 Kearny St., San Francisco. $3500

DWELLING
(1580) E THIRTIETH AVE. 125 S Lawton St. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3600

DWELLING
(1581) E THIRTIETH AVE. 100 S Lawton St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3600

ALTERATIONS
(1582) S GREENWICH ST. 125 W Larkin St. Alter dwelling.
Owner—L. E. Woodworth, 1005 Chestnut St., San Francisco.
Architect — Arthur O. Johnson, 450 Powell St., S. F. $2000

ALTERATIONS
(1583) 965 GENEVA AVENUE. Alter theatre.
Owner—Amazon Theatre Co., 25 Taylor Street.
Architect—A. A. Cantin, 557 Market Street. $5,000

DWELLING
(1584) W 14th AVE. 125 S Vicente. One - story frame dwelling with basement.
Owner and Builder—S. R. Anderson, 1433 Seventh Avenue.
Architect—C. O. Clausen, 746 46th Avenue. $4,000

DWELLING
(1585) W 14th AVE. 150 S Vicente. One - story and basement frame dwelling.
Owner and Builder—S. R. Anderson, 1433 Seventh Avenue.
Architect—C. O. Clausen, 746 46th Avenue. $4,000

DWELLING
(1586) E 22nd AVE. 100 N Ortega. One - story and basement frame dwelling.
Owner—Douglas & Hitchcock, Arguello and Golden Gate.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Frank W. Oliver, 1275 Eighth Avenue. $4,000

SERVICE STATION
(1587) NW COR. ELLIS and Franklin Sts. Class C service station.
Owner—Richfield Oil Co., 244 Battery.

Architect—Not Given.
Contractor—Mills Const. Co., Russ Bldg. $2750

SERVICE STATION
(1588) NW COR. 16th St. and Van Ness Ave. South. Steel service station.
Owner—James Ryan, care contractor.
Architect—Not Given.
Contractor—Michel and Pfeffer Iron Works, Inc., 1415 Harrison St. $3,000

ALTERATIONS
(1589) FOOT of 20th ST. Alter plant.
Owner—Bethlehem Steel Corp., foot of 20th St.
Architect—Not Given.
Contractor—Rees Blow Pipe Mfg. Co., 340 7th St. $3,000

DWELLING
(1590) W 16th AVE. 200 S Ortega. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah St.
Architect—Not Given. $4,000

DWELLING
(1591) NE McKINNON 50 SE Newhall. One - story and basement frame dwelling.
Owner—Fred Fitschen, care contractor.
Architect—Not Given.
Contractor—Francis H. and Arnold J. Kappeler, 128 Moltke. $4000

DWELLING
(1592) E EIGHTH AVE. and N Noriega. Two - story and basement frame dwelling.
Owner—C. Jacobson, 1782 8th Ave.
Architect—Vincent Buckley, 525 Market Street.
Contractor—H. G. Birdsall, 646 47th Avenue. $5200

DWELLING
(1593) E EIGHTH AVE. 25 N Noriega. One - story and basement frame dwelling.
Owner—E. M. Jacobson, 1782 8th Ave.
Architect—Vincent Buckley, 525 Market Street.
Contractor—H. G. Birdsall, 646 47th Avenue. $4200

DWELLING
(1594) E PORTOLA DRIVE 648 S High. One - story and basement frame dwelling.
Owner—A. R. Lyon, 615 Pacheco.
Architect—E. Cavasso, 618 26th Ave.
Contractor—M. Smith, 3723-A 17th St. $3700

DWELLING
(1595 NW Juanita Way 105 NE Fowler. One-story and basement frame dwelling.
Owner and Contractor—Meyer Bros., 735 Portola Drive.
Architect—Not Given. $3800

DWELLING
(1596) NW JUANITA Way 130 NE Fowler. One - story and basement frame dwelling.
Owner and Contractor—Meyer Bros., 735 Portola Drive.
Architect—Not Given. $3800

DWELLING
(1597) NW JUANITA Way 80 NE
Owner and Contractor—Meyer Bros., 735 Portola Drive.
Architect—Not Given. $3800
Fowler. One - story and basement frame dwelling.

ALTERATIONS
(1598) 498 BROADWAY. Alter restaurant.
Owner—Penelli & Zorzi, premises.
Architect—Not Given. $2,000

ALTERATIONS
(1599) 2645 MISSION ST. Alter restaurant.
Owner—Elmer R. Spinden, premises.
Architect—Not Given. $1900

DWELLING
(1600) N LELAND AVE. 75 W Delta. One - story and basement frame dwelling.
Ower—C. Trinei, care contractor.
Architect—Not Given.
Contractor—Giacoma Gioardo 938 Rutland. $3,000

DWELLING
(1601) N 14th S. 50 E Dolores St. One - story and basement frame dwelling.
Owner—C. W. Brown, care contractor
Architect—Not Given.
Contractor—Aetna Const. Co., 1730 24th Avenue. $5,000

DWELLING
(1602) E 17th AVE. 275 S Moraga. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1603) E 17th AVE. 250 S Moraga. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1604) E 17th AVE. 300 S Moraga. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1605) E 17th AVE. 350 S Moraga. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1606) E 17th AVE. 325 S Moraga. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1607) S REGENT 350 E San Jose. One - story and basement frame dwelling.
Owner—E. H. Lencioni, care contractor.
Architect—Not Given.
Contractor—Aetna Const. Co., 1730 24th Avenue. $3,500

DWELLING
(1608) S TUCKER AVE. 98 West Alpha. One - story and basement frame dwelling.
Owner—O. J. Schell, 296 30th Street.
Architect—Not Given.
Contractor—Henry Erickson, 972 Chenery Street. $1,875

DWELLING
(1609) E 30th AVE. 75 N Moraga. One - story and basement frame dwelling.
Owner and Contractor—Standard Bldg. 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1610) E 30th AVE. 25 N Moraga. One - story and basement frame dwelling.
Owner and Contractor—Standard Bldg. 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1611) E 30th AVE. 50 N Moraga. One - story and basement frame dwelling.
Owner and Contractor—Standard Bldg. 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1612) NW COR POST and Franklin. One - story and basement frame dwelling.
Owner and Contractor—Standard Bldg. 1500 Judah Street.
Architect—Not Given. $3,000

DWELLING
(1613) W ROSEWOOD 120 S Fernwood. Two - story and basement frame dwelling.
Owner and Builder—Paul A. Wolter, Jr., 198 Maywood Drive.
Architect—Earl McDonald 3812 Broadway, Oakland. $5,000

DWELLING
(1614) W MAYWOOD Dr 450 N Brentwood. One - story and basement frame dwelling.
Owner and Builder—Paul A. Wolter, Jr., 198 Maywood Drive.
Architect—Earl McDonald 3812 Broadway, Oakland. $5,000

DWELLING
(1615) E 22nd AVE 71 S Ocean Ave. One - story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. $5750

DWELLING
(1616) S DEMING 84 E Clayton St. One - story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. $4000

DWELLING
(1617) S DEMING 116 E Clayton St. One - story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. $4000

DWELLING
(1618) S DEMING 52 E Clayton St. One - story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. $4000

DWELLING
(1619) S DEMING 148 E Clayton St. One - story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. $4000

DWELLING
(1620) S MARCELLA 150 W Sola. Two - story and basement frame dwelling.
Owner—J. A. Seiberlick, 1 Sola Ave.
Architect—G. A. Berger, 309 Valencia Street. $5000

DWELLING
(1621) SE COR. MT. VERNON AVE. and Alemany Blvd. One - story and basement frame dwelling.
Owner and Builder — Arco Bldg. Co., 4708 Mission St.
Architect—Not Given. $4,000

ALTERATIONS
(1622) 227 CLIPPER. Alter dwelling.
Owner—J. Barellies, 171 Douglas.
Architect—Not Given. $1500

ALTERATIONS
(1623) NW COR. BROADWAY AND Davis. Alter storage house.
Owner—Inez Fredericks, 375 Euclid Ave., Oakland.
Engineer—H. B. Hammill, 381 Bush Street. $3,000

DWELLING
(1624) E 22nd AVE 75 N Ortega. One-story and basement frame dwelling.
Owner—Douglas & Hitchcock, SE Cor. Arguello and Golden Gate.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Frank W. Oliver, 1275 8th Avenue. $4,000

DWELLING
(1625) W 18th AVE 225 N Vicente. One - story and basement frame dwelling.
Owner and Builder—Meyer Bros., 735 Portola Drive.
Architect—Not Given. $3800

DWELLING
(1626) W 18th AVE 250 N Vicente. One - story and basement frame dwelling.
Owner and Builder—Meyer Bros., 735 Portola Drive.
Architect—Not Given. $3800

ALAMEDA COUNTY

1140	Brasch	Owner	5000
1177	Donaldson	Haulman	3800
1178	Seaborn	Lee	2000
1179	Steffensen	Steffensen	6500
1180	Traver	Pickrell	4000
1181	Bartholomen	Owner	2000
1182	Mehrtens	Haulman	4000
1183	Steffensen	Steffensen	6500
1184	Thompson	Degen	6000
1185	Groth	Falk	8500
1186	Lyon	Owner	4000
1187	Donaldson	Haulman	3800
1188	Stroud	Owner	4500
1189	Alder	Owner	4200
1190	Roseberg	Owner	3200
1191	Continental	Austin	3900
1192	Allen	Allen	5500
1193	Andrews	Owner	6000
1194	Brasch	Owner	5000
1195	Getz	Huggard	2000
1196	Golden	Hopper	2750
1197	Howard	Johnson	12000
1198	Scammell	Owner	5000
1199	Fleming	Owner	4500
1200	Early	Lincoln	14000
1201	City	Oakland	7000
1202	Sneed	Woodburn	8000
1203	Thiel	Owner	1250
1204	Leighly	Lewis	5900
1205	Swett	Owner	9000
1206	Chevrolet	Owner	7500
1207	Carson	Waldman	3500
1208	Haller	Owner	6000
1209	Oakland	Machedie	1900
1210	Rodivich	Owner	2900
1211	Doughnut	Mullen	5000
1212	Taylor	Owner	27000
1213	Moore	Van Ness	3250
1214	McLeod	Owner	5000
1215	Austin	Van Bokkelen	2300
1216	Harrison	Wiser	3500
1217	Close	Walker	5000
1218	Bonds	Owner	6000
1219	Higgins	Short	4500
1220	Anglo	Nordstrom	4000
1221	Reed	Dahl	5700
1222	Fisher	Johnson	2500
1223	Fisher	Johnson	2500
1224	Giombruno	Rich	4000
1225	Dowling	Owner	4000

DWELLING
(1174) NO. 410 ATHOL AVENUE, OAKLAND. One-story five-room dwelling.
Owner—H. E. Trumbo, 1516 Ralston Ave., Burlingame.
Architect—Thomas E. Pring.
Contractor—O. C. Sponheim, 236 Park Road, Burlingame. $5000

DWELLING
(1175) NO. 5101 PROCTOR AVE., OAKLAND. Two-story six-room dwelling.
Owner—W. Kendall.
Architect—Not Given.
Contractor — Reliable Homes, Inc., 3500 36th Ave., Oakland. $6000

DWELLING
(1176) NO. 1500 NINETY-FOURTH Ave., OAKLAND. One-story 6-room dwelling.
Owner—Martin Herceg, 9422 Holly St. Oakland.
Architect—Not Given.
Contractor—T. W. Anderson, 2111 Ashby Ave., Berkeley. $4500

DWELLING
(1177) 2710 CLAY ST., ALAMEDA. One-story 5-room dwelling.
Owner—Bert Donaldson, 2063 Santa Clara Ave., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $3,800

ALTERATIONS
(1178) 2436 SANTA CLARA AVE., ALAMEDA. Change front and rear of building.
Owner—Captain Walter Seaborn, San Antonio Ave., Alameda
Architect—Not Given.
Contractor—S. Lee, 1500 Versailles Ave., Alameda. $2,000

DUPLEX
(1179) 2209-11 SANTA CLARA AVE., ALAMEDA. One-story ten-room duplex
Owner—Frank Steffensen, 1300 Webster St., Oakland.
Architect—Not Given.
Contractor—A. Steffensen, 1300 Webster St., Oakland. $6,500

DWELLING
(1180) 1819 CORNELL DRIVE, ALAMEDA. One-story 6-room dwelling.
Owner—S. L. Traver, 1404 Park St., Oakland.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda. $4,000

DWELLING
(1181) 1716 TREGLOAN PL., ALAMEDA. One-story 4-room dwelling.
Owner and Builder—L. A. Bartholomen, 2306 Central Ave., Alameda.
Plans by Owner. $2,000

DWELLING
(1182) 2623 OTIS DRIVE, ALAMEDA. One-story 6-room dwelling.
Owner—C. G. Mehrtens, 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $4,000

DUPLEX
(1183) 2205-07 SANTA CLARA AVE., ALAMEDA. One-story ten-room duplex.
Owner—Frank Steffensen, 1300 Webster St., Oakland.
Architect—Not Given.
Contractor—A. Steffensen, 1300 Webster St., Oakland. $6,500

DWELLING
(1184) 2957 GIBBONS DRIVE, ALAMEDA. Two-story 7-room dwelling.
Owner—Harvey Thompson, 1820 Cambridge Drive, Alameda.
Plans by Owner.
Contractor—Wm. A. Degen, 2055 Santa Clara Ave., Alameda. $6,000

APARTMENT
(1185) 1222-24-26 GRAND ST., ALAMEDA. Two-story apartment bldg.
Owner—H. R. Groth, 1593 Pacific Ave. Alameda.
Architect—Not Given.
Contractor—Chas. W. Falk, 1520 East 38th St., Alameda. $8,500

DWELLING
(1186) 2445 ROOSEVELT DR., ALAMEDA. One-story 5-room dwelling.
Owner and Builder—C. D. Lyon, 6501 Buena Ventura, Oakland.
Architect—Not Given. $4,000

DWELLING
(1187) 2714 CLAY ST., ALAMEDA. One-story 5-room dwelling.
Owner—Bert Donaldson, 2063 Santa Clara Ave., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $3,800

DWELLING
(1188) NO. 4938 COCHRAN AVE., OAKLAND. One-story six-room dwelling.
Owner — J. A. Stroud, Jr., 370 17th St., Oakland.
Architect—Not Given. $4500

DWELLING
(1189) NO. 2108 106TH AVENUE, OAKLAND. One-story six-room dwelling an one-story garage.
Owner—E. W. Alder, 414 Lee Street, Oakland.
Architect—Not Given. $4200

DWELLING
(1190) NO. 7341 SUNKIST DRIVE, OAKLAND. One-story five-room dwelling.
Owner—August Roseberg, 1712 48th Ave., Oakland.
Architect—Not Given. $3200

WAREHOUSE
(1191) NO. 5733 SAN LEANDRO ST. OAKLAND. One-story frame warehouse.
Owner—Continental Can Co., Inc.
Architect—A. K. Cowell.
St., Oakland. $3900

Contractor—The Austin Co., 516 18th

DWELLING
(1192) 2768 DARNBY DR., OAKLAND. Two-story 6-room dwelling.
Owner—Glenn C. Allen, 3471 Laurel Ave., Oakland.
Architect—Not Given.
Contractor—Allen and Allen, 3471 Larel Ave., Oakland. $5500

DWELLING
(1793) 11 HOME PLACE EAST, OAKLAND. One-story 6-room dwelling.
Owner and Contractor—T. A. Andrews 6001 Chabot Road, Oakland.
Architect—Not Given. $6,000

DWELLING
(1194) 654 MOUNTAIN BLVD., OAKLAND. Two-story 6-room dwelling.
Owner and Contractor—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given. $5,000

SERVICE STATION
(1195) 5500 East 14th ST., OAKLAND. One-story steel service station.
Owner—Sol Getz and Sons, deYoung Building.
Architect—Not Given.
Contractor—John W. Huggard, 1060 Bryant Street. $2,000

ADDITIONS
(1196) 1941 SAN PABLO AVE., BERKELEY. Additions.
Owner—Golden State Theatre Co., 25 Taylor St., San Francisco.
Architect—Not Given.
Contractor—A. J. Hopper, 1769 Pleasant Valley Ave., Oakland. $2750

OFFICE BLDG.
(1197) FIRST and Market Sts., OAKLAND. One-story office bldg.
Owner—Howard Terminal, First and and Market Sts., Oakland.
Architect—W. G. Corlett, Bank America Bldg., Oakland.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $12,000

DWELLING
(1198) 2526 CASTELLO ST., OAKLAND. One-story 6-room dwelling.
Owner and Builder—J. W. Scammell, 3161 Fruitvale Ave., Oakland.
Architect—Not Given. $5,00

DWELLING
(1199) 2248 COLOMA ST., OAKLAND. One-story 6-room dwelling.
Owner and Contractor—John Fleming, 2712 14th Ave., Oakland.
Architect—Not Given. $4500

RESIDENCE
(1200) TYSON TRACT, PIEDMONT. Two-story 9-room frame residence and garage.
Owner—Elizabeth Early, 366 40th St., Piedmont.
Architect—Not Given.
Contractor — Lincoln Const. Co., 7 5 0 Warfield Ave., Oakland. $14,000

ALTERATIONS
(1201) 198 OAK ROAD, PIEDMONT. Two-story 7-room frame residence and garage.
Owner—City of Oakland, City Hall.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Oakland Recreation Dept., 554 59th St., Oakland. $7,000

RESIDENCE
(1202) 341 PACIFIC AVE., PIEDMONT. Two-story 7-room frame residence and garage.
Owner—R. C. Sneed, 448 Scenic Ave., Piedmont.
Architect—M. V. Mowbray, Jr., 2240 86th Ave., Oakland.
Contractor—R. C. Woodburn, 579 Rednor Road, Oakland. $8,000

ALTERATIONS
(1203) 230 CARMEL, PIEDMONT. Alterations.
Owner and Builder—A. A. Thiel, 422 Pacific Ave., Piedmont.
Architect—J. H. Anderson, 3147 Claremont Ave., Piedmont. $1250

DWELLING
(1204) 1435 ARCH ST., BERKELEY. One - story 4-room dwelling.
Owner—Dr. and Mrs. J. B. Leighly, 1008 Merced, Berkeley.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—S. E. Lewis, 729 E 18th St., Oakland. $5900

DWELLING
(1205) 5101 MASONIC AVE., OAKLAND. Two-story 9-room dwelling.
Owner and Builder—Gladys T. Sweet, 3932 Harrison St., Oakland.
Architect—Not Given. $9,000

ALTERATIONS
(1206) 10910 EAST 14th ST., OAKLAND. Alterations.
Owner and Contractor—Chevrolet Motor Co., 10910 E 14th St., Oakland.
Architect—Not Given. $7,500

DWELLING
(1207) 3016 PARTRIDGE AVENUE, OAKLAND. One - story five-room dwelling.
Owner—J. Carson, 557 Market Street, San Francisco.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $3,500
Also 1-story frame garage, $150.

DWELLING
(1208) 6109 CONTRA COSTA ROAD, OAKLAND. Two - story six-room dwelling.
Owner and Builder — Paul H. Haller, 6221 Buena Vista Ave., Oakland.
Architect—Not Given. $6,000

ALTERATIONS
(1209) 5714 GROVE ST., OAKLAND. Alterations and repairs.
Owner—Oakland School Dist., 1025 2nd Ave., Oakland.
Architect—Not Given.
Contractor—P. K. Mackedie, 1841 Berryman St., Berkeley. $1900

DWELLING
(1210) 4132 PENNIMAN AVE., OAKLAND. One - story 5-room dwelling.
Owner and Builder — Ellen Rodivich, 4126 Penniman Ave., Oakland.
Architect—Not Given. $2,900

ALTERATIONS
(1211) 1317 BROADWAY, OAKLAND. Alerations.
Owner—Doughnut Corp. of America, 1170 Broadway, New York City.
Architect—Albert Roller, Crocker Bldg. San Francisco.
Contractor—Mullen Manufacturing Co. 60 Rausch St. ,San Francisco. $5,000

WAREHOUSE
(1212) 2201 EAST SEVENTH Street, OAKLAND. One-story warehouse.
Owner and Builder — Taylor Milling Co., 2201 E 7th St., Oakland.
Architect—Edwin Draper, 2 2 2 3 East 37th St., Los Angeles. $27,000

DWELLING
(1213) 2335 94th AVE., OAKLAND. One-story 5-room dwelling.
Owner—W. L. Moore, 4650 East 14th St., Oakland.
Architect—Not Given.
Contractor—L. E. Van Ness and Son, 4920 Park Blvd., Oakland. $3250

DWELLING
(1214) 11 SONIA AVE., OAKLAND. One-story 6-room dwelling.
Owner and Builder—W. A. McLeod, 2430 Durant Ave., Berkeley.
Architect—Not Given. $5,000

REPAIRS
(1215) 62 NORTHAMPTON, BERKELEY. Repair fire damage.
Owner—Frank Austin, Alamo, Calif.
Architect—Not Given.
Contractor—W. K. Van Bokkelin, 439 23rd St., Oakland. $2,300

DWELLING
(1216) 1 3 9 5 ACTON, BERKELEY. Two - story 7-room frame dwelling.
Owner—K. Hansen, 1 3 0 9 Stannage, Berkeley.
Architect—Not Given.
Contractor—G. Wiser, 1252 Spruce St., Berkeley. $3500

DWELLING
(1217) 930 KEELER AVE., BERKELEY. Two-story six-room frame dwelling and garage.
Owner—E. P. Close, 521 Cragmont, Berkeley.
Architect—E. L. Snyder, Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $5000

DWELLING
(1218) 4 4 0 VASSAR, BERKELEY. Two-story 7-room frame dwelling.
Owner and Builder—Milton S. Bonds, 583 Spruce St., Berkeley.
Architect—Not Given. $6,000

DWELLING
(1219) 20 POPLAR, BERKELEY. One-story 5-room frame dwelling.
Owner—Margaret E. Higgins, premises.
Architect—Not Given.
Contractor—J. V. Short, 1386 Euclid Ave., Berkeley. $4500

ALTERATIONS
(1220) 1550 BROADWAY, OAKLAND. Alterations.
Owner—Anglo - Calif. National Bank, 1560 Broadway, Oakland.
Architect—Not Given.
Contractor—David Nordstrom, 354 Hobart St., Oakland. $4000

BUILDING CONTRACTS

ALAMEDA COUNTY

101	Fair	Ariss	2191
102	McGuire	Fair	1533
103	Smook	Nicholson	7136
104	Rambo	Sorensen	3191
105	Chevrolet	Dinwiddie	59850

RESIDENCE
(100) 5 NORTH CRAGMONT, Berkeley. Residence.
Owner—N. W. Lindstrom,
Architect—Not Given.
Contractor—Emil Person, 829 San Luis Road, Berkeley.
Filed and Dated, July 31, 1936.
Rafters on $1405.50
Brown coated 1405.50
Completion 1405.50
Usual 35 days 1405.50
TOTAL COST, $5622.00
Limit, 90 days.

GRADING, ETC.
(101) TRACT 515, Piemont. Removal of trees and grading Tract 515.
Owner—Albert A. Fair.
Architect—Not Given.
Contractor—Ariss-Knapp Co., Inc., 961 41st St., Oakland.
Filed Aug. 3, '36. Dated, July 30, '36. Payments not stated.
TOTAL COST. $2191.00
Bond: Performance, $1045; Labor and Material, $1045. Sureties, Fidelity & Casualty Co. Plans and Spec. filed.

SEWERAGE
(102) TRACT 515, Piedmont. Installing sewerage.
Owner—M. J. McGuire and M. Hester.
Architect—Not Given.
Contractor—Albert A. Fair.
Filed and Dated, ...
Payments not given.
TOTAL COST, $1533.50
Bond, $1500. Sureties, Fidelity and Casualty Co. Plans and Spec. filed.

RESIDENCE
(103) LOT 17 BLK 8, Oakmore Highlands, Oakland. Two-story frame residence and garage.
Owner—L. S. Smook.
Architect—Wm. Edward Schirmer.
Contractor—D. W. Nicholson, 550 Blossom Way, San Leandro.
Filed, Aug. 4, '36. Dated, July 29, '36.
First of each month 75%
Usual 35 days 25%
TOTAL COST, $7,136.00
Bond, $7136. Sureties, United Pacific Insurance Co Plans and Spec. filed.

RESIDENCE
(104) LOT 22 Thornhill Park, Oakland. Residence.
Owner—Tobias Rambo, 816 Alleen St., Oakland.
Architect—Not Given.
Contractor—Edw. Sorensen, 1907 Parker St., Berkeley.
Filed, Aug. 4, '36. Dated, July 24, '36. Four equal payments as to FHA requirements.
TOTAL COST, $3,191
Limit, 90 days. Plans and Spec. filed.

AUTO. BODY PLANT
(105) 73rd AVE. and Hillside St., Oakland. Fisher body plant.
Owner—Chevrolet Motors, Foothill Blvd. and 69th Ave., Oakland.
Architect—Not Given.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.
Filed and Dated, ...
Contract Bond.
TOTAL COST, $——
Bond, $59,850. Sureties, Pacific Indemnity Company.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
APARTMENTS Cost, $10,00
ALAMEDA, Alameda Co., Calif. 1222-24-26 Grand Avenue.
Two-story frame and stucco apartment building.
Owner—H. R. Groth, 1593 Pacific Ave. Alameda.
Architect—Not Given.
Contractor—Chas. W. Falk, 1520 East 38th St., Alameda. 1

Steel Contract Awarded
APARTMENTS Cost, $50,000
SAN FRANCISCO. NW 17th Ave. & Clement Street.
Three-story and basement frame and stucco apartments.
Owner and Builder—C. M. Oyen, 5' Castenada Way.
Architect—Schuetz & Dakin, William Building.
Structural Steel—Golden Gate Iron Works, 1541 Howard St.

Contracts Awarded
APARTMENT BLDG. Cost, $50,000
SAN FRANCISCO. NE Greenwich & Gough Streets.
Three-story frame apartment building (15 2- and 3-room apts.) tile baths, hardwood floors, steam heat
Owner — Salvatore Battaglia, c/o Architect.
Architect—H. C. Baumann, 251 Kearny Street.
Structural Engineer — James Smith, 251 Kearny Street.
Contractor—Fracchia & Truffelli, 1996 21st Ave.
Structural Steel—Golden Gate Iron Works, 1541 Howard St.

Steel Contract Awarded
APARTMENTS Cost, $45,000
SAN FRANCISCO. NE Beach St. and Webster.
Three-story and basement frame and stucco apartment building (15 3- and 4-room apartments) circulating forced hot water heating system, composition roofing, wood sash, tile baths and kitchens, hardwood floors, etc.
Owner—Martin P. Storheim, 475 Euclid Avenue.
Architect and Builder—R. R. Irvine, 3431 Market Street.
Structural Steel—Golden Gate Iron Works, 1541 Howard Street.

Bids Opened
APARTMENTS Cost, $.....
SAN MATEO, San Mateo Co., Calif.
Three two-story and basement frame and stucco apartment buildings (three 3-room apts. each) shingle tile roofing, electric heating system, hardwood floors, tile baths.
Owner—J. Evan Bethune.
Architect—Arthur Brown, Jr., 251 Kearney St., San Francisco.
Low blds follow:
General Work—G. W. Williams Company, 315 Primrose Road, Burlingame, $67,850.
Plumbing—O'Mara & Stewart, 218 Clara Street, San Francisco, $3,722.
Electric—Medley Electric Co., 1136 Chula Vista Ave., Burlingame $1,828.
Complete bids follow:

General Work
G. W. Williams Co., Burlingame—$67,850.
A. F. Mattock, San Francisco—$70 500.
Dinwiddie Construction Co., San Francisco—$71,050.
Mooney & McDonald, Burlingame—$71,165.
Stockholm & Son, San Francisco—$73,000.

Plumbing
O'Mara & Stewart, San Francisco—$3,722.
Edward Ruedy, San Mateo—$4,194.
J. H. Pinkerton, San Francisco—$4,378
J. W. Forsythe, San Mateo—$4,426.
Higgins & Krause, San Francisco $5,447.

***Electric**
Medley Electric Co., Burlingame—$1,828.75.
Atlas Electric Co., San Mateo—$6.-887.00.
Erskine Electric Co., Redwood City—$7,400.00.
Central Electric Co., San Francisco—$7,400.00.
Mausser Electric Co., Burlingame—$11,551.00

* Electrical work will probably be refigured, due to irregularities in the bids.
Other bids held under advisement.

Plans Being Prepared
APARTMENT Cost, $25,000
OAKLAND, Alameda Co., Calif. Oakmore Highlands.
Two-story frame and stucco apartment building (4, 5-room apts.), oak floors, hot water heating system with oil-burning equipment, insulation, linoleum and oak floors, electric ranges, etc.
Owner—Daniel Stower, Sacramento.
Plans by Irwin M. Johnson, 2215 7th Ave., Oakland.

Contract Awarded
ALTERATIONS Cost, $7,500
BURLINGAME, San Mateo Co., Cal. Lot 1, Bl. 8, Bellevue.
Alterations to four apartments.
Owner—James A. Lawsen, 1440 Bellevue, San Mateo.
Architect—Not given.
Contractor—Oscar L. Cavanaugh, 432 Occidental Ave., San Mateo.

Contract Awarded
STORE AND APTS. Cost, $10,000
MILLBRAE HEIGHTS, San Mateo Co., Calif. Broadway and Hillcrest.
Two-story frame and stucco apartment and store building.
Owner—Steve Poulas.
Architect—Not given.
Contractor—W. C. Akard, 225 Cervantes Blvd., San Francisco.

3— CHURCHES

Contract Awarded
ALTERATIONS Cost, $6,271
SAN JOSE, Santa Clara Co., Calif.
Alterations to church.
Owner—Centella Methodist Church (Alfred J. Case, Pastor).
Architect—Not given.
Contractor—H. A. Bridges, 1398 Lin-

PLANS PREPARED
TEHACHAPI, Kern Co., Calif.—Architect Earl Rahn, 1827 W 65th Place, Los Angeles ,has prepared plans for a church building to be built in Tehachapi for St. Malachy parish. It will seat 250 people and will be of frame and plaster construction, composition shingle roofing, Celotex ceiling, oak floor, wood sash, art glass, gas heaters, tiled toilet floors. Owner will build.

4— FACTORIES & WAREHOUSES

CONTRACT AWARDED
EUREKA, Humboldt Co., Calif.—A. Camilli, Eureka, at $1,392.25, awarded contract by State Division of Highways for cleaning and painting maintenance buildings at Eureka (Dist. 1).

CONSTRUCTION STARTED
VENTURA COUNTY, Cal.—Rancho Sespe; Bruce Mills; construction superintendent, Ventura Co., has started work on the construction of a 2-story reinf. concrete addition, 132x140 feet in area, to an existing lemon packing house. Cost, $45,000. Roy C. Wilson, Say Road, Santa Paula, architect.

August 6, 1936

Contracts Awarded
PLANT Cost, $125,000
RICHMOND, Contra Costa Co., Calif. Thirteen-acre site.
New spray chemical plant (frame and corrugated iron buildings, etc.).
Owner—California Spray Chemical Co. (Charles F. Andres, Mgr.), Richmond.
Engineers — Stone & Webster, Russ Bldg., San Francisco.
Contractor — Stone & Webster, Russ Bldg., San Francisco, and Richmond, Calif.
Buildings—P. M. Sanford & Carl Overaa, Richmond.

Contract Awarded
WAREHOUSE Cost, $25,000
OAKLAND, Alameda Co., Calif. Foot of East Seventh Street.
One-story wood frame and corrugated iron warehouse (157x200 ft.).
Owner—Taylor Milling Company.
Engineer—E. Springer, 2201 E. Seventh St., Oakland.
Contractor—Western Industrial Engineering Co., 2223 E. 37th Street, Los Angeles.

Low Bidder
STORAGE PLANT. Cost, $.....
SAN RAFAEL, Marin County, Calif. State Highway.
One-story storage plant (concrete foundations, concrete and wood construction).
Owner—General Petroleum Company, 519 19th Street, Oakland.
Plans by Engineering Department of Owner.
Low Bidder—F. C. Stolte, 3449 Laguna Avenue, Oakland.

Bids Opened
ALTERATIONS Cost, $.....
SAN FRANCISCO, Calif. 148 Spear Street.
Alterations to factory.
Owner—Garratt-Callahan Co., Prem.
Engineer — W. H. Ellison, Pacific Building, San Francisco.
Low Bidder—F. R. Siegrist, 604 Mission Street.
Complete bids follow:
F. R. Siegrist.....$5,497
Miller & McGillis..... 5,995
Barrett & Hilp..... 6,475
Moore & Roberts..... 6,475
Bids held under advisement.

Contract Awarded
STORAGE PLANT Cost, $50,000
SEBASTOPOL, Sonoma Co., Calif.
One-story wooden cold storage plant (capacity of 60,000 boxes of apples).
Owner — Louis Matlasevich, Watsonville.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Contractor—T. H. Rosewall, Watsonville.

Contract Awarded.
ADDITION Cost, $59,850
OAKLAND, Alameda Co., Calif. E. 14th St. and 105th Ave.
Second story addition to automobile assembly plant (reinforced concrete and brick construction) automatic sprinkler system, wiring, steel sash, gunite, etc.
Owner—Chevrolet Motor Company.
Structural Engineer — R. H. Cooley, 354 Hobart St., Oakland.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.
Complete bids follow:
Dinwiddie Constr. Co., S. F.....$59,850
L. C. Dunn, San Francisco..... 64,646
Frank T. Kennedy, Oakland..... 71,314
H. J. Christensen, Oakland..... 77,987
Austin Co., Oakland..... 99,000

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. W Morris St. S Bryant Street.
Alterations to iron shop.
Owner—Kern & Sons, 517 6th Street, San Francisco.
Architect—Not Given.
Contractor — Thomas M. Jones, 643 29th Ave., San Francisco.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO, Calif. Foot of 20th Street.
Alterations to plant.
Owner—Bethlehem Steel Corp., premises.
Architect—Not given.
Contractor—Rees Blow Pipe Mfg. Co., 340 7th Street.

6—GARAGES & SERVICE STATIONS

Construction To Start Shortly
SERVICE STATION, ETC. Cost, $....
SUISUN, Solano County, Calif.
Super service station and reconstruction of garage.
Owner—Jack Wyatt (Commercial Garage), Suisun.
Architect—Not given.
Manager of Construction—Jim Bonner, Suisun.

Contract Awarded
SERVICE STATION Cost, $2,500
OAKLAND, Calif. 5500 E. 14th St.
One-story steel service station.
Owner—Sol Getz & Sons, deYoung Bldg., San Francisco.
Architect—Not given.
Contractor—John Huggard, 1060 Bryant St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $3,500
SAN FRANCISCO, Calif. NW 16th St. and Van Ness Ave. So.
Steel service station.
Owner—James Ryan.
Architect—Not given.
Contractor—Michel & Pfeffer Iron Works, Inc., 1415 Harrison St.

Contract Awarded
SERVICE STATION Cost, $3,500
SAN FRANCISCO, Calif. NW Ellis and Franklin St.
Class C Service station.
Owner—Richfield Oil Co., 244 Battery Street.
Plans by Engineering Department of Owner.
Contractor—Mills Construction Co., Russ Building.

7— FEDERAL BUILDINGS

Bid Opening Postponed Until Sept. 3, 1 P M.
FEDERAL BLDG. Cost, $400,000
KETCHIKAN, Alaska.
U. S. Federal Building (to house post office, court house, custom house, and jail).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office.
Date previously set for August 13.

BID OPENING POSTPONED
KETCHIKAN, Alaska.—Until Sept. 3, 1 P. M. (date postponed from Aug. 13) bids will be received by Treasury Department, Washington, D. C., for furnishing and installing passenger elevator in the proposed Ketchikan post office.
Plans and specifications may be obtained from above office.

Bid Opening Postponed Until Sept. 15, 1 P. M.
POST OFFICE AND COURTHOUSE Cost, $6,250,000
LOS ANGELES, Cal. Spring, Temple and Main Streets.
Sixteen - story U. S. post office and courthouse building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Consulting Architect—Gilbert Stanley Underwood, 408 South Spring St., Los Angeles.
It will cover a ground area of approximately 140,000 square feet and will be a steel frame structure faced with granite. The appropriation is $6,250,000. The site has frontages of 525 feet on Spring and Main Sts., and a frontage of 300 feet on Temple St. It is understood that the contract for the new building will include the demolition of the exising post office. The wrecking of several smaller structures on the site is now underway.
Plans and specifications will be available from above office August 10.

BIDS WANTED
SAN PEDRO, Los Angeles Co., Cal.—Until August 18, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for new sidewalks at the U. S. post office and custom house at San Pedro.
Specifications may be obtained from the Custodian of the building at San Pedro.

CONTRACT AWARDED
SAN DIEGO, Cal.—Hunt & Curry Co., Bancroft Bldg., San Diego, at $7656, awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., for alterations to building at the Marine Corps Base, San Diego.

CONTRACT AWARDED
ALHAMBRA, Los Angeles Co., Cal.—Robbins Mfg. Co., Chicago, Ill., at $793 awarded contract by Procurement Division, Washington, D. C., for furnishing insect screens in the U. S. Post Office at Alhambra.

LOW BIDDER
LONG BEACH, Cal. — Jamestown Metal Corp., at $3700 submitted low bid to Treasury Department for metal entrance vestibule partitions in the Long Beach Post Office.

BIDS WANTED
PORTLAND, Oregon—Until August 24, new bids will be received by the Treasury Department, Washington, D. C., for furnishing and installing detention cells in the U. S. Court House, at Portland.
On previous bid opening lowest bid was submitted by Wegman & Sons, Portland, at $2267.

BIDS WANTED
ANAHEIM, Orange Co., Cal.—Until August 18, bids will be received by the Treasury Department, Washington, D. C., for exterior painting at the U. S. Post Office, Anaheim.

Contract Awarded
MAGAZINES Cont. Price, $75,900
HICKAM FIELD, T. H.
Six 40x25x10-ft. Igloo Type reinforced concrete underground magazines with wood barricades and two 8x 8-ft. black powder magazines with wood barricades and a seven-foot high non-climbable fencing around entire magazine area.
Owner—United States Government.
Plans by Constructing Quartermaster, Hickam Field, T. H.
Contractor—Ralph E. Woolley, Honolulu, T. H.

PLANNED
SAN DIEGO, Calif. — Bureau of Yards and Docks, Navy Department, will improve buildings in San Diego next year at a cost of approximately $1,750,000. Included in the program is $690,000 for recreational building and additional barracks at the training station; $700,000 for four new barracks at the marine base; $125,000 for additional buildings at the destroyer base, and $225,000 for the air station.

Bids Wanted—To Close Aug. 31, 1 p.m.
INSPECTION STA. Cost, $16,500
DANVILLE, Washington.
U. S. Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Department, Washington, D. C.
Plans and specifications may be obtained from Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required.

Low Bidder
POST OFFICE Cost, $137,000
FLAGSTAFF, Arizona.
U. S. Post Office Building, three-story and basement (93x81 ft.) concrete foundations; brick walls, structural steel, stone base course, brick walk, vault, steel windows, hollow metal work, cork carpet, two-pipe vacuum heating system, lawn sprinkler system, etc.
Owner—United States Government
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—Robert E. McKee, 107 W. 6th St., Los Angeles—$116,000.
L. F. Dow, Los Angeles, were second low, at $128,340.
Complete bids will be published shortly.

Bids Opened
INSPECTION STATION Cost, $15,900
SASABE, Arizona.
United States Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—F. Young, Junior, Los Angeles—$15,950.
Only other bid was submitted by Herbert F. Brown, Tucson, Arizona, at $18,346.
Bids held under advisement.

8— CLUB BUILDING

Contract Awarded.
CLUB BLDG. Cost, $50,000
FRESNO, Fresno Co., Cal. Tuolumne and M Streets.
Two-story club building (gymnasium, social rooms, locker rooms, steam rooms, administration offices, kitchen, showers, storage rooms.
Owner—Y. M. C. A.
Architect—Rafael Lake, Pacific Southwest Bldg., Fresno.
Contractor—Trewhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

Preparing Preliminary Plans
ALTERATIONS Cost, $7,000
SAN FRANCISCO, Calif. McAllister St. bet. Van Ness and Polk.
Alterations to building for club rooms (new club rooms, exhibit rooms, etc.).
Owner — Society of California Pioneers.
Architect—John H. Ahnden, 822 39th Avenue.

Plans Being Revised
ALTERATIONS Cost, $8,000
SAN FRANCISCO. SE Mariposa and Vermont Streets.
Alterations to social hall (extend 30 feet in length; new ceiling, etc.).
Owner—Slovenian Association.
Engineer — M. Manov, Howden Bldg., Oakland.

9— HOSPITALS

Plans Being Figured—Bids Close Aug. 10.
HOSPITAL ADDN. Cost, $100,000
OAKLAND, Alameda Co., Cal. Webster and Hawthorne Streets.
Addition to hospital (reinforced concrete construction).
Owner—Merritt Hospital.
Architect—Masten and Hurd, 233 Post St., San Francisco.
Plans and specifications may be obtained at the office of the hospital.

Sub-Contracts Awarded.
DINING ROOM Cont. Price, $12,464
SANTA CLARA CO., Cal. Milpitas Road (County Almshouse).
Reinforced concrete dining room (30x 90 ft.) tile roof, steam heat, composition floors, steel sash.
Owner—Santa Clara County.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Joseph Santi, 545 Madera Ave., San Jose.
Roofing—Bush Roofing Company.
Plumbing—W. F. Serpa.
Electric Wiring—Gilbert Brothers.
Heating & Sheet Metal—W. F. Serpa.
Tile—T. Price.
Iron Grille Work—R. Helwig.
Brick Work—Prouty.
Stone Work—Sanistone Company.
Lathing and Plastering—Ira Bridges.
Lumber—Merner Lumber Company.
Steel Sash—Chispher & Schmidt.
Mill Work — Pacific Mfg. Co., Santa Clara.
Hardware—San Jose Hardware Co.
Painting—S. Minietta.
Reinforcing Steel—San Jose Steel Co.
All of San Jose unless otherwise noted.

Conutracts Awarded.
ADDITION Cont. Price, $214,995
CAMARILLO, Ventura Co., Cal. State Hospital.
Addition of Units 10 and 11 at State Hospital (two-story ward building six wards, 200 beds; and one-story hospital building, one dormitory, and 1- 2- and 4-bed rooms, 30 rooms) reinforced concrete construction, tile roof, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—L. A. Geisler, 6212 Middleton St., Huntington Park.
Heating and Ventilating—Yale Riddell Co., 1826 S. Main St., Los Angeles, $16,748.
Electric—Moore Electric Co., 321 W. Third St., Los Angeles, $8826.
Plumbing—Scott Co., 243 Minna St., San Francisco, $19,137.

Contract Awarded
ADDITION Cost, $15,000
ROSS, Marin County, Calif. Highway.
Addition to tuberculosis department of Ross General Hospital (add ten rooms) frame and stucco construction.
Owner—Ross General Hospital.
Architect—N. W. Sexton, deYoung Building, San Francisco.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley.

Sub Contracts Awarded
ADDITION Cost, $143,785
CAMARILLO, Ventura Co., Cal. State Hospital.
Addition of Units 12 and 13 at State Hospital (addition to dining room and hall and new one-story industrial building) reinforced concrete construction, metal sash, tile roof, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building.
General Work—Los Angeles Contracting Co. and C. G. Wopschall, 4 W. Pico Blvd., Los Angeles, $112,465.
Roofing—Morrow Roofing Co.
Sheet Metal—Reliable Sheet Metal Works, Pasadena.
Tile Work—Los Angeles Marble & Tile Co., Los Angeles.
Glass—W. P. Fuller & Co., Los Angeles.
Brick Work—H. E. Knerr, Los Angeles.
Lathing & Plastering—H. Rickert, Los Angeles.
Lumber—Peoples Lumber Co., Ventura.
Steel Sash—Soule Steel Co., Los Angeles.
Mill Work—Glasson Planing Mill, San Diego.
Painting—Harry Wasserman, Los Angeles.
Marble—Los Angeles Marble & Tile Co.
Rein. Steel—Soule Steel Co., Los Angeles.
Shovel Excavating — Price Company, Santa Monica.
As previously reported.
Heating and Ventilating—Scott Co., 243, Minna St., San Francisco, $8,678.
Electric—Seaside Electric Co., 97 S Oak St., Ventura, $7255.
Plumbing—Scott Co., 243 Minna St., San Francisco, $15,387.

Plans Being Figured—Bids Close Aug. 14, 12 Noon
ALTERATIONS Cost, $.....
SAN FRANCISCO, Calif. Geary St., between Fifth and Sixth Aves.
Alterations to elevator shaft in hospital.
Owner—French Hospital. Premises.
Architect—Fabre & Hildebrand, 110 Sutter St.
Fred. K. DuPuy, 110 Sutter St., is figuring the plans, and desires sub bids on all portions of the work.

Bids Opened
ADDITION Cost, $200,000
TALMAGE, Mendocino Co., Calif.
Two-story reinforced concrete addition to Custodian Unit at State Hospital.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Low bids follow:

General Work
F. C. Amoroso & Sons, Wallace & Keith Sts., San Francisco—$191,890.

Electric
Central Electric Co., 179 Minna St. San Francisco—$5,695.

Heating & Ventilating
Pacific Heating & Ventilating Co., 354 Hobart St., Oakland—$13,750.

Plumbing
Scott Co., 243 Minna St., San Francisco—$28,537.
Complete bids follow:

General Work
(1) ded. for omitting one wing.
F. C. Amoroso & Sons, San Francisco —$191,890; (1) $10,000.
Fred J. Early, Jr., San Francisco—$228,376; (1) $12,347.
E. T. Lesure, Oakland—$237,205; (1) $13,265.
K. E. Parker Co., San Francisco—$238,990; (1) $12,832.

Electric
Central Electric Co., San Francisco—$5,695; (1) $355.
American Electric Con. Co., San Francisco—$6,198; (1) $432.
Spencer Electric Co., Oakland—$6,578; (1) $435.
Karl F. Stolting, Santa Rosa—$6,795; (1) $532.
Reliable Elevator Works, Sacramento —$6,926; (1) $407.
Abbett Electric Co., San Francisco—$7,174; (1) $365.
Newberry Electric Co., Los Angeles —$7,186; (1) $260.
Norman A. Russell, Santa Rosa—$7,200; (1) $340.
Eddy Electric Co., Stockton—$8,493; (1) $520.

Heating & Ventilating
Pacific Heating & Ventilating Co., Oakland—$13,750; (1) $1,010.
Scott Co., San Francisco—$14,585; (1) $893.
Herman Lawson, San Francisco — $15,998; (1) $517.
M. R. Carpenter, Sacramento—$16,851; (1) $767.
James A. Nelson, Inc., San Francisco —$18,600; (1) $850.

Plumbing
Scott Co., San Francisco—$28,537; (1) $181.
M. R. Carpenter, Sacramento—$32,592; (1) $120.
Herman Lawson, San Francisco—$36,595; (1) $100.
James A. Nelson, Inc., San Francisco —$45,610; (1) $135.
Bids held under advisement.

Preparing Working Drawings
HOSPITAL Cost, $.....
MERCED, Calif.
Two-story Class C addition to hospital (20 beds).
Owner—Mercy Hospital, Merced, Cal.
Architect—Martin A. Sheldon, Monadnock Building, San Francisco.
Bids will be asked in about three weeks.

PLANS PREPARED
SAN DIEGO, Calif. — Bureau of Yards and Docks, Navy Department,

Washington, D. C., has prepared plans for a new unit to be built at the Naval Hospital, Balboa Park, San Diego, to cost $260,000. The capacity of the institution will be increased to 1000 beds.

Plans Being Figured—Bids Close Aug. 14, 12 Noon
ALTERATIONS Cost, $17,500
SAN FRANCISCO, Calif. Sutter St., near Hyde.
Alterations to Sutter Hospital.
Owner—Sutter Hospital.
Architect — William Hays, Crocker First National Bank Building.

10— HOTELS

PLANNED
CAMP BALDY, Los Angeles Co., Cal.—Mrs. Ruth Curry, manager of Camp Baldy resort in San Antonio canyon, announces that fireproof hotel to cost $50,000 will be built on the site of the resort pavilion, which was destroyed by fire July 29.

Contract Awarded
ALTERATIONS Cost, $15,000
MARYSVILLE, Yuba County, Calif Fourth and I Streets.
Alterations and additions to Motor Inn Tavern (air conditioning system, soundproof walls, new bar, etc.).
Owner — Marysville Investment Co. Marysville.
Lessee—Russell Robertson, Lincoln.
Architect—Not Given.
Contractor—Chell & Triplett, Marysville.
Bar Equipment—Leo J. Smith, Marysville.

Contract Awarded
DORMITORY Cost, $5,000
OAKLEY, Contra Costa Co., Calif.
Two-story hollow tile dormitory (10 rooms), Johns Manville asbestos roofing, lockers, showers, etc.
Owner—Golden State Dairy.
Architect—Not given.
Contractor—Horace J. and S. E. Sino 710 Black Diamond St., Pittsburg.

12— POWER PLANTS

BIDS WANTED
BOULDER CITY, Nev.—Until August 24, 2 p.m., bids will be received by U. S. Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Customhouse, Denver, under Spec. No. 821-D, for furnishing steel partitions, steel doors, steel stairs, aluminum door frames, aluminum trim, and miscellaneous architectural aluminum and steelwork for the Boulder Power Plant.
Specifications on application to above office; no charge to bona fide prospective bidders. 12

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contract Awarded
ADDITION Cont. Price, $67,500
NEVADA CITY, Nevada Co., Calif.
Additions to court house (East and South wing additions).
Owner—County of Nevada.
Architect — George Sellon, California State Life Bldg., Sacramento.
Contractor — Lindgren & Swinerton, Inc., 619 H St., Sacramento.
Complete bids published July 29th. (37) 1st report July 14, 1936; 2nd report July 29, 1936.

PLANNED
SAN DIEGO, Cal.—San Diego City Council this week approved City Manager Flack's recommendation for the construction of a $350,000 police headquarters, jail and police court building on Pacific highway, between F and G Sts., San Diego, and ordered Flack to select architects to draw plans for the structure. The city has $185,000 available for the project and expects to get the rest from the PWA.

Preparing Preliminary Plans
COUNTY BUILDING Cost, $190,000
SANTA CRUZ, Calif.
Three-story reinforced concrete county jail and office building (120x 85 feet).
Owner—County of Santa Cruz.
(174) 1st report July 29, 1936. * 13
Architect—Albert Roller, Crocker First National Bank Bldg., San Francisco.

Contract Awarded
SAN JOSE, Santa Clara Co., Calif. —S. G. Winch, 80 S. First Street, San Jose, at $4,880, awarded contract by San Jose City Council for furnishing and installing steel book stacks for the San Jose Public Library.
Complete bids follow:

S. G. Winch	$4880
J. L. Davidson & Co.	5,200
Technical Supply Co.	5,200
Curtis Lindsay	5,264
Rolph Mills Co., S. F.	5,350
Rucker Fuller Co., S. F.	5,480
Trask & Squiers, S. F.	5,414
Melvin-Roberts & Horwarth, San Jose	5,763

Ralph Wyckoff, San Jose, Arch.

CONTRACT AWARDED
SAN FRANCISCO, Calif.—Western Asbestos Company, 675 Townsend St., at $212, awarded contract by Department of Public Works for installation of masonite floor at the Mission Branch Library.

Funds Allotted
ASSEMBLY HALL, ETC. $176,000
RETSIL, Washington.
Two-story assembly hall, dining room and administration building (115x 50 feet, with wing 35x50 feet), and one-story kitchen (60x40 ft.) at Veterans' Home.
Owner—State of Washington.
Architect—Not given.
PWA approved grant of $79,200.

CONTRACT AWARDED
SAN FRANCISCO, Calif.—Frank J. Reilly, 6350 Fulton St., at $8,931, awarded contract by Department of Public Works for alterations in assessor's office. Spec. No. 4383. Work includes removal of existing partitions, marble floors, counters, desk, plumbing, certain iron work and sheet metal, etc., and furnishing and installing new partitions including all metal studding lathing plastering, hardware, marble work, asphalt tile, sheet metal, miscellaneous iron, painting and plumbing.

CONTRACT AWARDED
SAN FRANCISCO, Calif.—Western Asbestos Company, 675 Townsend St., at $31, awarded contract by Department of Public Works for installation of accotile floor at the Sunset Branch Library.

14— RESIDENCES

Plans Being Prepared
RESIDENCE Cost, $10,000
CARMEL, Monterey County, Calif.
Two-story and basement frame and stucco residence (8 rms., 3 baths) shingle roof, probably gas heating system, steel and wood sash, tile baths, tile in kitchen, etc.
Owner—Name withheld.
Architect—E. E. Young, 2002 California St., San Francisco.
Bids will be asked in about three weeks. * 14

Plans Completed
RESIDENCE Cost, $.....
SAN JOSE, Santa Clara Co., Calif.
Two-story frame and stucco residence (7 rooms).
Owner—Withheld.
Architect—Binder and Curtis, 25 West San Carlos St., San Jose.
Bids will be asked within one week.

BIDS WANTED
BARTLETT DAM, Arizona.—Until August 24, 10 a.m., bids will be received by Department of Interior, Bureau of Reclamation, Washington, D. C., for the construction of an office building, dormitory, one six-room residence, five four-room residences, and four two-room residences at the Government camp at the Bartlett Dam, Salt River Project, Arizona. The dam is located on the Verde River, about 54 miles northeast of Phoenix.
The buildings will be built of similar materials and will be of similar construction. The buildings and residences will be of wood-frame construction and will all be one-story buildings. The office building will be 34 feet by 68½ feet in size with a open porch about seven feet wide at the front and both ends. The dormitory wil be 42 feet by 112½ feet in size including the screened porch eight feet in width on all sides of the building. The buildings and residences will be covered on the outside walls below the eave lines with building board and above the eave lines with vertical boards and battens. The roofs will be covered with asphalt - prepared, mineral - surfaced roll roofing over wood sheathing. The inside walls and ceilings, except in toilet rooms, of the office building and dormitory will be covered with gypsum wallboard, and the interior walls and ceilings in the residences will be covered with building board. All floors will be 1- by 4-inch fir flooring and, except in the office building, will be single floors. A concrete basement will be constructed under one corner of the office building. The other buildings and residences will have no basement.
Plans and specifications may be obtained from above office.

Owner Taking Bids
RESIDENCE Cost, $5,000
SAN FRANCISCO, CALIF. 130 Danvers Street.
One-story and basement frame and stucco duplex residence (stucco and cast stone trim, asphalt roof with tile trim; oak stairs and floors, tile baths, tile in kitchens, gas warm air furnaces, hot water heaters, etc.
Owner—Mrs. Elsie Kramer, 2424 Funston Ave., San Francisco.
Plans by—L. O. Berg, 720 Corbett Ave.

BIDS WANTED
TERRA BELLA, Tulare Co., Cal.—Until August 10, 7:30 p.m., bids will be received by W. C. Bradford, Clerk, Terra Bella Union Grammar School District, for constructing caretaker's residence on the Terra Bella school property.
Plans and specifications may be obtained from above office.

Contract Awarded
RESIDENCE Cost, $6,000
PALO ALTO, Santa Clara Co., Calif. Seale Tract.

One-story and basement frame and stucco residence.
Owner—Donald & Adelaide S. Knapp, Palo Alto.
Architect—Leslie I. Nichols, 532 Emerson St., Palo Alto.
Contractor—Ralph C. Knight, 595 Bailey Ave., Mt. View.

Contract Awarded
RESIDENCE Cost, $15,000
PIEDMONT, Alameda County, Cal. Tyson Tract.
Two-story and basement frame and stucco residence (9 rooms).
Owner—Elizabeth Early, 366 40th St., Oakland.
Architect—Not Given.
Contractor—Lincoln Construction Co., 750 Warfield Ave., Oakland.

Plans Being Figured
RESIDENCE Cost, $.....
SAN FRANCISCO, Calif. Church & Cumberland Streets.
Two-story and basement frame and stucco residence (12 rooms, 3 baths).
Owner—Mr. Tarazellier.
Architect—Fabre & Hildebrand, 110 Sutter Street.
Fred DuPuy, 110 Sutter Street, is figuring the plans and desires sub bids on all portions of the work.

Contract Awarded
RESIDENCE Cont. Price, $11,800
SANTA CLARA, Santa Clara Co., Cal.
Two-story frame and stucco residence (7 rooms, 2 tile baths) hardwood floors, gas heating system, wood sash, plaster interior.
Owner—Mr. Wilson.
Architect—Binder and Curtis, 25 West San Carlos St., San Jose.
Contractor — William Schwartz, 521 South 8th St., San Jose.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 ea.
SAN FRANCISCO, Cal. Juanita Way and Fowler.
Three one-story and basement frame and stucco residences.
Owner—Meyer Bros., 735 Portola Dr.
Architect and Builders—Not given.

To Be Done By Day's Work
RESIDENCE $7,500
OAKLAND, Calif. 6109 Contra Costa Road.
Two-story frame and stucco residence (6 rooms).
Owner—Paul H. Haller, 6221 Buena Vista Avenue, Oakland.
Architect—Not given.

To Be Done By Day's Work
RESIDENCE Cost, $10,000
OAKLAND, Calif. 5101 Masonic Ave.
Two-story and basement frame and stucco residence (9 rooms).
Owner—Gladys F. Sweet, 3932 Harrison Street.
Architect—Not given.

Contract Awarded
RESIDENCES Cost, $6,000 ea.
SAN FRANCISCO, Calif. E. 8th Ave. N. Noriega Ave.
Two one-story and basement frame and stucco residences.
Owner—C. Jacobson, 1782 8th Ave.
Architect—Vincent Buckley, 525 Market Street.
Contractor—H. G. Birdsall, 646 47th Avenue.

To Be Done By Day's Work
RESIDENCE Cost, $10,000
SAN MATEO, Calif. Fulton Road.
Two-story and basement frame and stucco residence.
Owner and Builder——Lengfeld & Olund, 220 Third Ave., San Mateo.
Architect——Not given.

Plans Being Prepared
RESIDENCE Cost, $.....
OAKLAND, Calif. Montclair Highlands.
Two-story brick and wood residence (7 rooms, 2 baths) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—William Speed.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
OAKLAND, Calif. 654 Mountain Blvd.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—M. P. Brasch, 1600 Mountain Blvd.
Architect—Not given.

Contract Awarded
RESIDENCE Cost, $10,0
PIEDMONT, Alameda County, Calif 341 Pacific Avenue.
Two-story frame and stucco residence (7 rooms).
Owner—R. C. Sneed, 448 Scenic Ave Piedmont.
Architect—M. V. Mowbray, Jr., 224 86th Ave., Oakland.
Contractor—R. C. Woodburn, 579 Rednor Road, Oakland.

Contract Awarded
RESIDENCE Cost, $4,300
BERKELEY, Alameda Co., Cal. Creston Road between Marin and Forest.
One-story wood frame residence (five rooms) wood siding, shingle roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—William Hellim
Architect—Herman Schoening, 3812 Broadway, Oakland.
Contractor—O. C. Armstrong, 947 Ordway St., Berkeley.

Plans Being Figured.
ALTERATIONS Cost, $——
ATHERTON, San Mateo Co., Calif.
Alterations to residence (brick veneer, oak floors, gas heating system, shake roof, add four baths, etc.)
Owner—A. M. Rosenstirn, Mills Bldg., San Francisco.
Architect — Gardner A. Dailey, 210 Post St., San Francisco.

Contract Awarded
RESIDENCES Cost, $3,500 ea.
SAN FRANCISCO, Calif. W. 46th Ave. S. Rivera St.
Three one-story and basement frame residences.
Owner—E. Cornblum, 510 26th Ave.
Architect—W. E. Huson, 2808 Pierce Street.
Contractor—H. A. Thrall, 1701 Grove Street.

Revised Plans Being Completed
RESIDENCE Cost, $75,0000
ATHERTON, San Mateo Co., Calif.
Two-story wood frame residence (15 rooms, 10 baths) stables, two garages, tennis courts, roadwork, etc. (shingle roofing, hot water heating system, etc.).
Owner—Mr. Meek.
Architect—J. C. McKenzie, New York City.
Supervising Architect — Angus McSweeney, 604 Mission Street, San Francisco.
New bids will be asked in about one week.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
OAKLAND, Calif. 11 Home Place.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—F. A. Andrews, 6801 Chabot Road.
Architect—Not given.

Sub Bids Being Taken
RESIDENCES $18,000 & $22,000
SAN FRANCISCO. Jackson and Locust Streets.
Two 3-story and basement frame and stucco residences (11 rooms, 4 baths & 11 rooms, 5 baths) shingle tile roofing, oil steam heating system, wood sash, tile baths and kitchens, hardwood floors, etc.
Owner and Builder—Fred Gannis, c/o Architect.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Sub-bids are being taken by the owner and architect.

Construction To Start Immediately
RESIDENCES Cost, $5,000 ea.
STOCKTON, San Joaquin Co., Calif. Oxford Manor.
Four one-story and basement frame and stucco residences (6 rooms each), rustic exterior, shingle roofs, gas furnaces, tile sinks, wood sash, etc.
Owner and Builders—State Realty Company, Oxford Manor, Stockton. (Mr. Ray in charge.)
Architect—Joseph Losekamm, 1218 W. Harding St., Stockton.

Contract Awarded
ALTERATIONS Cost, $6,000
OAKLAND, Calif. 1317 Broadway.
Alterations to building.
Owner — Doughnut Corporation of America, 1170 Broadway, New York City.
Architect—Albert Roller, Crocker First National Bank Building, San Francisco.
Contractor—Mullen Mfg. Co., 60 Rausch St., San Francisco.

Plans Being Prepared
ALTERATIONS Cost, $2,500
SAN FRANCISCO, Calif. Pierce and Green Streets.
Alterations to residences (new windows, servants' quarters, etc.).
Owner—Chauncey Tramutolo.
Architect—John H. Ahnden, 822 39th Avenue.

Preparing Preliminary Plans
RESIDENCE Cost, $11,000
OREGON CITY, Oregon.
Two-story frame, stucco and wood siding residence (10 rooms, 4 baths) shake roof, oil burning heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Plans Being Prepared
RESIDENCES Cost, $7,500 each
BURLINGAME HILLS, San Mateo County, Calif.
Two 2-story and basement frame and stucco residences (7 rooms and 2 baths each) shingle roofs, gas heating systems, wood and steel sash, hardwood floors, tile baths.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be asked about Aug. 25.

Contract Awarded
RESIDENCE Cost, $15,920
SAN MATEO, Calif. San Mateo Park.
Two-story and basement frame and stucco residence.
Owner—Russell A. Kent et al.
Architect—Wallace A. Stephen, 2025 Carmelita Ave., Burlingame.
Contractor—Suburban Builders, Inc., 1150 Burlingame Ave., San Mateo.

Owner Taking Bids
RESIDENCE Cost, $7,000
SAN MATEO COUNTY, Cal. Aragon Tract.
Two-story frame and stucco residence (7 rooms, 2 baths) shingle roof-

ing, gas heating system, wood sash, hardwood floors, tile baths.
Owner & Builder—Bernhard Wiklander, 29th and Juno Ave., San Mateo.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 Ea
SAN FRANCISCO, Calif. W 14th Ave. S. Vicente St.
Two one-story and basement frame and stucco residences.
Owner and Builder—S. R. Anderson. 1433 7th Ave.
Architect—C. O. Clausen. 746 46th Av.

Plans To Be Prepared
RESIDENCES Cost, $——
SAN FRANCISCO, Calif. Broadway, Divisadero, Vallejo and Scott Sts.
Thirty two-story and basement frame and stucco residences (9 rooms, 3 baths each) asbestos shingle and Mediterranean tile roofs, gas heating systems, hardwood floors, tile baths, etc.
Owner—Sbarboro and Jorgensen, 207 Walnut St., San Francisco.
Architect—John H. Ahnden, 822 39th Avenue.

Contract Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. No. 1225 Hamilton Avenue.
Two-story frame, stucco and brick veneer residence.
Owner—V. Allen, Redwood City.
Architect—Not Given.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 Ea.
SAN FRANCISCO, Calif. E 30th Ave S. Lawton St.
Two one-story & basement frame and stucco residences.
Owner and Builder—C. T. Lindsay. 140 Duboce Ave.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $13,118
LOS GATOS, Santa Clara Co., Calif.
Two-story and basement frame and stucco residence.
Owner—H. E. Hallawell, Los Gatos.
Architect—Ralph Wyckoff, Anglo Bk. Bldg., San Jose.
Contractor—E. Nommensen, 315 So. 17th St., San Jose.
Plumbing—Wm. F. Serpa.
Electric Wiring — Roy M. Butcher.
Heating—Wm. F. Serpa.
Tile—Simpson Tile Co.
Lumber — Sterling Lumber Co., Los Gatos.
Mill Work—Chase Lumber Co.
Flooring—Best Floor Co.
All of San Jose unless otherwise noted.

Sub-Contracts Awarded.
RESIDENCE Cost, $10174
WALNUT CREEK, Contra Costa Co.
Residence (eight rooms).
Owner—Mrs. Luela Eitel, Berkeley.
Architect—Not Given.
Contractor — George Swanstrom, 1615 78th Ave., Oakland.
Plumbing—Scott Co., 113 10th St.
Electric—T. L. Rosenberg, 411 Webster Street.
Heating—Merrill Heating Co.
Sheet Metal—Toby Christiansen, 4444 Piedmont Avenue.
Glass—East Bay Glass Co., 621 6th St.
Brick Work — W. H. Wisheropp, 3749 Quigley Street.
Lumber—Diamond Match Co., Walnut Creek.
Steel Sash—East Bay Glass Co., 621 Sixth St.
Painting—J. J. Burdon & Son, 3817 Forest Hill Ave.
Concrete — Triberti & Massero, 828 43rd Street.
Flooring—Rex Floor Co., 65th Ave.
Reinforcing steel—McGrath Steel Co., 354 Hobart Street.
All of Oakland unless otherwise noted.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Thirty-fifth Ave. 250 N Santiago Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—C. E. Graham, 1257 20th Ave., San Francisco.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.

Sub-Contracts Awarded.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. N Crestlake West Sloat Blvd.
Five one-story and basement frame and stucco residences (5 rooms each) tile and composition roofing, gas heating systems, hardwood floors, tile baths, wood sash.
Owner and Builder—A. J. Herzig, 345 Sloat Boulevard.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Roofing—Bay Tile Roofing Co., 2332 Alemany Blvd.
Plumbing—G. Rehn, 1919 Mission St.
Electric Wiring — Richmond Electric Co., 1370 40th Avenue.
Heating—Atlas Heating & Ventilating Co., 557 Fourth St.
Tile—Richmond Tile Co., 3421 Geary Blvd.
Glass—San Francisco Glass Co., 5234 Mission Street.
Iron Grille Work — Ace Iron Works, 159 South Park.
Lathing and Plastering—Frank Gaul.
Lumber—Loop Lumber Co., Central Basin.
Mill Work — Schafer Mill & Lumber Co., 732 Bryant St.
Hardware—Palace Hardware Co., 581 Market Street.
Painting—J. Oliver.
Flooring—A. Antonchuk, 691 Geneva Avxenue.
Window Shades—D. N. & E. Walter, 562 Mission Street.
Reinforcing Steel — Bethlehem Steel Co., 20th and Illinois Sts.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 24th Avenue S Kirkham Street.
Two one - story and basement frame and stucco residences.
Owner and Builder—C. T. Lindsay, 140 Duboce Avenue.
Architect—Not Given.

Construction Postponed Temporarily
RESIDENCE Cost, $——
SAN FRANCISCO. Jersey West Dolores Street.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) shingle, tile and composition roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Cornelius Murphy.
Architect—Charles F. Strothoff, 2274 15th Street.

Sub-Contracts Awarded.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Calif. Lot 10 Blk 4, Delmar Way.
Two-story frame and stucco residence
Owner and Builder—San Mateo Investment Co., 2562 So. El Camino Real, San Mateo.
Architect—Not Given.
Roofing—C. L. Frost, Palo Alto.
Plumbing—Mark Dillan, San Mateo.
Electric Wiring—San Mateo Electric Co., San Mateo.
Heating—B. B. Sterns, San Mateo.
Sheet Metal — G. & M. Sheet Metal Works, San Mateo.
Tile—Benetti Tile Co., San Mateo.
Iron Grille Work—San Mateo Forge, San Mateo.
Brick Work—Al Meier, San Bruno.
Lumber — Atlas Lumber Co., San Mateo.
Mill Work—Trallman Mfg. Co., Millbrae.
Hardware — Wisnom Hardware Co., San Mateo.
Painting—Oscar Anderson, San Mateo
Concrete—Nick Sisevich, San Mateo.
Flooring—Carl Stendell, S. F.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. 5101 Proctor Avenue.
Two-story frame and stucco residence (six rooms).
Owner—W. Kendall.
Architect—Not Given.
Contractor—Reliable Homes, Inc., 3500 35th Ave., Oakland.

Contract Awarded.
TOILET BLDG. Cont. Price, $7758
KINGS CITY, Monterey Co., Calif.
One-story frame and stucco toilet building.
Owner—Kings City Grammar School District.
Architect—Chas. Butner, 51 Maple St. Salina.
Contractor—F. A. Hayes, King City.
. Complete bids follow:
F. A. Hayes, King City.....$7558
W. J. Charters, Salinas..... 8514
R. J. Bruce, King City..... 8700

Contract Awarded
RESIDENCE Cost, $12,500
HILLSBOROUGH, San Mateo, Calif.
Two-story and basement frame and stucco residence (10 rooms, 3 baths) shingle roof, wood sash, forced warm air heating system, tile wainscot in baths, etc. (Monterey type).
Owner—Mr. Porthan.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.

Plans Being Figured—Bids Close Aug. 10th.
RESIDENCE Cost, $——
WALNUT CREEK, Contra Costa Co.
One - story and basement frame and stucco residence (6 rooms, 2 baths) tile roof, steel sash, hot air heating system, oil burner, hardwood floors, tile baths, etc.
Owner—Mr. Young.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.

Plans Being Figured
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. St. James Wood.
Two-story frame and stucco residence (7 rooms and 2 baths) gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Allen Schutter.
Architect—Clarence Mayhew, 6026 Acacia Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $6,543
SAN MATEO, San Mateo Co., Calif. Edgewood Park.
Two-story frame and stucco residence
Owner—Thomas A. Bubner.
Architect—Not Given.
Contractor—A. DeBenedetti, 100 Brazil Ave San Francisco.

Contract Awarded
DUPLEX RESIDENCE Cost, $7,500
ALAMEDA, Alameda Co., Calif. 2209-2211 Santa Clara Avenue.
One - story frame and stucco duplex residence (10 rooms).

Owner—Frank Steffersen, 1300 Broadway, Oakland.
Architect—Not Given.
Contractor—A. Steffersen, 1300 Broadway, Oakland.

Contract Awarded
DUPLEX RESIDENCE Cost, $7,500
ALAMEDA, Alameda Co., Calif. 2205 2207 Santa Clara Avenue.
One - story frame and stucco duplex residence (10 rooms).
Owner—Frank Steffersen, 1300 Broadway, Oakland.
Architect—Not Given.
Contractor—A. Steffersen, 1300 Broadway, Oakland.

Contract Awarded
RESIDENCE Cost, $7,500
ALAMEDA, Alameda Co., Calif. 2957 Gibbons Drive.
Two-story frame and stucco residence (7 rooms).
Owner—Harvey Thompson, 1820 Cambridge Drive, Alameda.
Architect—Not Given.
Contractor—Wm. A. Degen, 2055 Santa Clara Ave., Alameda.

Contract Awarded
RESIDENCES Cost, $5,000 each
Two one - story and basement frame and stucco residences (five rooms each).
Owner—Bert Donaldson, 2063 Santa Clara Ave., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.

July 31, 1936

Contract Awarded
RESIDENCES Cost, $6,000 each
SAN ANSELMO, Marin County, Cal. Meadowcroft and Morningskle Dr.
Three 1-story frame residences (Swiss chalet type).
Owner—Carl Luhrs.
Architect—Not Given.
Contractor—Leibert and Trobock, Albert Bldg., San Rafael.

Contract Awarded.
RESIDENCE Cost, $15,000
LOS GATOS, Santa Clara Co., Calif.
Two-story frame and stucco residence (Spanish style) tile roof.
Owner—Prof. Raymond Barry, San Jose.
Architect—Not Given.
Contractor—J. C. Monk, 45 Tait Ave. Los Gatos.

Contract Awarded.
RESIDENCE Cost, $13,000
LOS GATOS, Santa Clara Co., Calif.
Two-story frame and stucco residence (six rooms); tile roof, gas heating system, hardwood floors, etc.
Owner—Fred Oehler, American Trust Co., San Jose.
Architect—Binder & Curtis, 25 W-San Carlos St., San Jose.
Contractor—J. C. Monk, 45 Tait Ave., Los Gatos.

Contract Awarded.
RESIDENCE Cost, $8500
SAN FRANCISCO. S Mendosa Ave. W 9th Avenue.
Two-story and basement frame and stucco residence.
Owner—Henry C. LaFrenz, 350 Laguna Honda Blvd.
Architect—Not Given.
Contractor—Frank F. Nelson, Inc., 2 Edgehill Way.

Plans Completed.
RESIDENCES $18,000 & $22,000
SAN FRANCISCO. Jackson and Locust Streets.
Two 3-story and basement frame and stucco residences (11 rooms, 4 baths & 11 rooms, 5 baths) shingle tile roofing, oil steam heating system, wood sash, tile baths and kitchens, hardwood floors, etc.
Owner and Builder—Fred Gannis, % Architect.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Sub-bids will be taken by the owner and architect within one week.

Contract Awarded.
RESIDENCE $——
HILLSBOROUGH, San Mateo Co.
Two-story frame and stucco residence (shingle roof, redwood siding exterior, oak floors, gas heat).
Owner—Mr. and Mrs. Fentress Kuhn.
Architect—Gardner A. Dailey, 210 Post St., San Francisco.
Contractor—G. H. Meese, P. O. Box 548, Redwood City.

Preparing Working Drawings
RESIDENCE Cost, $11,500
HILLSBOROUGH, San Mateo, Calif.
Two-story and basement brick veneer and stucco residence (7 rooms, 2 baths) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Name withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked in two weeks.

Plans Being Completed
RESIDENCE Cost, $10,000
ATHERTON, San Mateo, Calif.
Two-story and wood frame residence (9 rooms, 3 baths) Colonial style, shingle roof, forced warm air heating system, wood sash, hardwood floors, tile wainscot in baths, etc.
Owner—Name withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked in about one week.

Contract Awarded
RESIDENCE Cost, $7,500
BURLINGAME HILLS, San Mateo County.
Two-story frame and stucco residence (6 rooms, 2 baths) shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—H. T. Holsher, 3125 Elm Street, San Mateo

Segregated Bids Wanted
DISPLAY HOME Cost, $——
OAKLAND, Alameda Co., Cal. Claremont Circle.
Two-story frame and stucco display home (6 rooms, 2 baths) shake sash, hardwood floors, tile baths.
Owner—Withheld
Architect—Earl MacDonald and Herman Schoening, associated, 3812 Broadway, Oakland.
Bids are wanted on all branches of the work

To Ask Bids Within One Week
RESIDENCE Cost, $——
FORT BRAGG, Mendocino Co., Calif.
Two-story and basement frame and stucco residence (7 rooms and 3 baths) built-up composition roofing, oil burning hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Lee Wilson.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans Being Figured—Bids Close Aug. 10, 2 P.M.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma Co., Calif
One-story & basement frame and stucco residence (5 rooms) shake roof, circulating heating system, wood sash, hardwood floors, etc.
Owner—A. Z. Blackman.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Following will submit bids:
E. Ahlstrom, 323½ Santa Rosa Ave., Santa Rosa.
L. Halvorsen, 128 Dutton Ave., Santa Rosa.
W. D. Rapp, 1413 17th St., Santa Rosa.
Robert Whiting, 624 Spencer Ave., Santa Rosa.

Contract Awarded.
RESIDENCE Cost, $4975
CARMEL, Monterey Co., Cal. Hatton Field.
One-story frame residence.
Owner — Berthe' and Ellen Kleinschmidt, Box 1364, Carmel.
Plans by John Neff, % Owner.
Contractor—A. D. Irving, Box 1014, Carmel.

Sub Bids Being Taken
RESIDENCE Cost, $5,500
SAN FRANCISCO, Calif. Pinelake Park (Sloat Blvd.).
One-story and basement frame and brick veneer residence (5 rooms) Monterey type, gas heating system, wood sash, shake roof, hardwood floors, tile bath, etc.
Owner—A. J. Herzig, 2300 Ocean Ave.
Architect—D. E. Jaekle, 126 Post St.

Low Bidder
RESIDENCE Cost, $——
SAN FRANCISCO. Darien Way.
One-story and basement frame and stucco residence (7 rooms and 1 bath and lavatory) composition roofing, hot air heating system, tile baths, hardwood floors, etc.) Spanish style.
Owner—Mr. Kenneally.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Low Bidder—A. Berwick, 1525 Noe St.

Owner Taking Bids
RESIDENCE Cost, $.....
FORT BRAGG, Mendocino Co., Calif.
Two-story and basement frame and stucco residence (7 rooms and 3 baths), built-up composition roofing, oil burning hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Lee Wilson, Fort Bragg.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans Being Prepared
RESIDENCE Cost, $7,000
OAKLAND, Calif. Alpine Terrace.
One-story and basement frame and stucco residence (6 rooms, 2 baths), all tile roof, gas heating system, tile bath, steel sash, hardwood floors, etc.
Owner—Mrs. Porter.
Architect—Not given.

Contract Awarded
RESIDENCE Cost, $5,000
SANTA ROSA, Sonoma Co., Calif.
One and one-half story frame and stucco residence (6 rooms), wood shingle roof, oil furnace, wood sash, hardwood floors, tile bath, etc.
Owner—E. E. Close.
Architect—William Herbert, Rosenberg Building, Santa Rosa.
Contractor — Ellis Ahlstrom, 323½ Santa Rosa Ave., Santa Rosa.

Contract Awarded
RESIDENCE Cont. Price, $5,952
SANTA ROSA, Sonoma Co., Calif.
One-story and basement frame and stucco residence (5 rooms), shake roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—Thorn Gale, Santa Rosa.
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Contractor—Leon Koch, 526 Orchard, Santa Rosa.
Complete bids published July 27th.

Plans Being Figured—Bids Close on August 10th
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. St. James Wood.
Two-story frame and stucco residence (7 rooms and 2 baths), gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Allen Schutter.
Architect—Clarence Mayhew, 6026 Acacia Ave., Oakland.

Bids Wanted—To Close Aug. 22, 2 p.m.
RESIDENCE Cost, $4,700
SAN FRANCISCO, Calif.
One-story and basement wood frame residence (5 rooms) concrete garage; paving tile steps, stucco front with cast stone trim, asphalt roof with tile trim, oak floors, tile bath and kitchen, warm air gas furnace, hot water heater, fireplace, etc.
Owner—Mr. and Mrs. Jules A. Zimmerlin.
Plans by L. O. Berg, 369 Mills Bldg.
Plans and specifications may be obtained from Mr. Berg upon deposit of $5.00.

Contract Awarded
RESIDENCE Cost, $7,500
SAN MATEO, Calif. Edenburg Tract.
One-story and basement frame and stucco residence.
Owner—Sprague Smith.
Architect—Ed. Musson Sharpe, 111 Sutter St., San Francisco.
Contractor—Leadley & Leadley, 207 Second Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $6,500
PALO ALTO, Santa Clara Co., Calif. 945 Middlefield Road.
Two-story frame and rustic residence.
Owner—Dorothy Kraft, Palo Alto.
Architect—Not given.
Contractor—G. W. Sutherlin Building Co., 468 Linden Ave., San Bruno.

Contract Awarded
RESIDENCE Cost, $6,500
PALO ALTO, Santa Clara Co., Calif 705 Hamilton Ave.
One-story frame and stucco residence.
Owner—John S. and Margaret Ross, Palo Alto.
Architect—Not given.
Contractor—Harry Engman, 244 Rinconada, Palo Alto.

Contract Awarded
RESIDENCE Cost, $4,497
CORTE MADERA, Marin Co., Calif.
One-story wood frame residence.
Owner—Charles and Ruth Shelley, Corte Madera.
Architect—Clement Ambrose, 44 Kearny St., San Francisco.
Contractor—Leibert & Trobock, Albert Building, San Rafael.

Contract Awarded
RESIDENCE Cost, $7,136
OAKLAND, Alameda Co., Calif. Oakmore Highlands.
Two-story frame and stucco residence.
Owner—L. S. Smook.
Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—D. W. Nicholson, 550 Blossom Way, San Leandro.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO. Calif. E. 17th S. Moraga.
Five one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger Builder, Inc., 320 Judah Street.
Architect—Not given.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 ea.
SAN FRANCISCO. Calif. E. 30th Ave. N. Moraga.
Four one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not given.

Contract Awarded
RESIDENCE Cost, $6,800
SAN FRANCISCO, Calif. E. 22nd Ave., 100 ft. N. Ortega.
One-story and basement frame and stucco residence (6 rooms), tile roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—John Douglas.
Architect—C. O. Clausen, 746 46th Ave.
Contractor—Frank Oliver, 1275 8th Ave.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. 22nd Avenue and Ortega.
One-story and basement frame and stucco residence (6 rooms), tile roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—John Douglas.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Frank Oliver, 1275 8th Ave.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 ea.
SAN FRANCISCO. Location withheld.
Two one-story and basement frame and stucco residences (6 rooms each), tile roofs, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Michael Hardiman.
Architect—C. O. Clausen, 746 46th Avenue.

Plans Being Completed
RESIDENCE Cost, $.....
SAN FRANCISCO. St. Francis Wood.
One-story and basement frame and stucco residence (6 rooms and 2 baths).
Owner—Mr. Thomas, c/o Architect.
Architect—Hertzke & Knowles, 369 Pine St., San Francisco.
Bids will be asked in one week.

Contract Awarded
RESIDENCE Cost, $6,500
SANTA ROSA, Sonoma Co., Calif. Los Guilicos Rancho.
Two-story frame and stucco residence (7 rooms).
Owner—Don and Grace Coleman, 1608 10th Ave., San Francisco.
Architect—Arthur Lamb, Mill Valley.
Contractor—A. H. Lindsay, 1510 5th St., Santa Rosa.

15— SCHOOLS

BIDS WANTED
FLAGSTAFF, Ariz.—Until Aug. 13, 2 P. M., bids will be received by the Arizona State Teachers' College at Flagstaff, for remodeling of the dining hall into a science hall. Bids will be taken as follows: (1) for remodeling work; (2) furnishing and installing science equipment; (3) furnishing and installing tablet arm chairs. Lescher & Mahoney, 1100 Title and Trust Bldg., Phoenix, architects. 15

BIDS WANTED
WILMINGTON, Los Angeles Co., Cal.—Until August 20, 2 P. M., bids will be received by the Los Angeles board of education, 1425 S. San Pedro St., for a two-story boys' and girls' gymnasium building to be built at the Phineas Banning high school, Wilmington. Edgar H. Cline, 543 North Wilcox Ave., Los Angeles, architect.

To Ask Bids Shortly
ALTERATIONS Cost, $21,000
BERKELEY, Alameda Co., Cal. Allston Way and Grove Street.
Alterations and additions to Berkeley High School auditorium.
Owner—Berkeley School District.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—W. C. Ambrose, Berkeley Board of Education.
PWA has approved a grant for 45% of the total cost.

Plans Awaiting PWA Approval.
REHAB. SCHOOL Cost, $19,000
BERKELEY, Alameda Co., Calif. 1775 Rose Street.
Additional rehabilitation at the Garfield School (alternate proposals).
Owner—Berkeley School District.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—W. C. Ambrose, Berkeley Board of Education.
Upon approval of plans by the PWA, bids will be asked.
PWA has approved a grant for 45% of the total cost of the work.

Contract Awarded
ADDITION Cost, $——
RENO, Washoe County, Nevada.
Alterations and additions to senior high school (heating and ventilating, steam boilers, electric wiring, acoustical work, etc.)
Owner—Reno School District No. 10 (Jean Jameson, Clerk).
Architect—Not Given.
Complete bids follow:

General Work
W. M. Kennedy, Reno.....$40,500
Dinwiddie Const. Co., S. F..... 44,100

Electric
Jack Howell, 209 N. Virginia St. Reno .....$ 3,193
Pittsburg Electric Co., Reno..... 3,718

Heating and Ventilating
W. E. Humes $14,469
Lohman Bros., Los Angeles..... 15,300
Savage & Son, Reno..... 16,921

Boilers, Etc., Division 1
Lohman Bros., Los Angeles..... $ 7,200
Reno Sheet Metal Works, Reno.. 8,650

Boilers, Etc., Division 2
Reno Sheet Metal Works, Reno..$ 8,993
Lohman Bros., Los Angeles..... 10,100

Acoustics
R. L. Cramer Co., 557 Market St., San Francisco.....$ 2,851
Western Asbestos Co., S. F..... 2,944
Van Fleet Freear Co., S. F..... 3,206
Bids held under advisement.

Bids Wanted—To Close August 14, 5 P. M.
REHABILITATE SCHOOL Cost, $118,500
BERKELEY, Alameda Co., Calif.
Rehabilitation of Lincoln School.
Owner—Berkeley Board of Education.
Architect—Not Given.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Plans and specifications may be obtained from the Secretary, Berkeley Board of Education, upon deposit of $25.

CONTRACT AWARDED
LOS ANGELES, Calif.—Carlo Bongiovanni Const. Co., 2561 Canyon Dr., awarded contract at $179,850 by Los Angeles board of education for a new classroom building and an auditorium and kindergarten building to be erected at Budlong Avenue school, 5910 Budlong Ave.

Contracts Awarded
ADDITION Cost, $——
RENO, Washoe County, Nevada.
Alterations and additions to senior high school (heating and ventilating, steam boilers, electric wiring, acoustical work, etc.).
Owner—Reno School District No. 10 (Jean Jameson, Clerk)
Architect—Not given.
General Work—W. M. Kennedy, Reno, $37,136.
Electric—Jack Howell, 209 N. Virginia St., Reno., $2,582.
Heating & Ventilating—W. E. Humes, Reno, $9,882.
Boilers, Fans, Etc.—Lohman Bros. Los Angeles, $7,071.
Sheet Metal—Reno Sheet Metal Wks., Reno, $8,474.
Acoustics—R. L. Cramer Co., 557 Market St., San Francisco, $2,791.

Sub Contracts Awarded
SCHOOL Cont. Price, $14,448
MODESTO, Stanislaus Co., Cal. Site of Modesto High School.
One-story arts and crafts building.
Owner—Modesto City School District.
Architect—John J. Donovan, 915 Parker St., Berkeley.
Contractor—L. Ubels, Ripon.
Plumbing—D. R. Hoffman, Modesto.
Electric Wiring—Hansen's, Modesto.
Heating & Sheet Metal—D. R. Hoffman, Modesto.
Glass—Central Glass Co., Modesto.
Lumber—United Lumber Yards, Inc., Modesto.
Mill Work—Electric Planing Mill Stockton.
Hardware—Turner Hardware & Implement Co., Modesto.
Painting—V. Holst, Modesto.
Concrete—Lloyd Terrell, Turlock.
Rein. Steel—Kyle & Co., Stockton.

Contract Awarded
RECON. SCHOOL Cont. Price, $9,490
BURLINGAME, San Mateo Co., Calif. Paloma Avenue.
Partial reconstruction of the McKinley Elementary School.
Owner—Burlingame Elementary School District.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

LOW BIDDER
WEST LOS ANGELES, Cal.—J. K. Thomas, 700 Kress Bldg., Long Beach, submitted low bid at $265,494 to Los Angeles Board of Education for new 26-room administration building and a ten-room physical education building to be erected at the Ralph Waldo Emerson Junior High School, 1650 Shelby Ave., West Los Angeles.

LOW BIDDER
LOS ANGELES, Cal.—Myers Bros., 3407 San Fernando Road, Los Angeles, submitted low bid to Long Beach Board of Education at $89,338, using salvaged materials, for construction of the practical arts and the social science buildings at the Lindbergh Junior High School site. Francis H. Gentry, engineer and D. Easton Herrold, architect, Jergins Trust Bldg., Long Beach.

Plans Being Completed
ADDITION Cost, $.....
TAFT, Kern Co., Calif.
Two-story reinforced concrete addition to west unit of Administration Bldg. at high school.
Owner—Taft Union High School Dist.
Architect—W. H. Weeks, 593 Market St., San Francisco.
Plans will be forwarded to State Division of Architecture, Sacramento, for approval, within one week.

Preparing Plans
SCHOOL Cost, $7,000
POLLOCK PINES, Eldorado, Calif.
One-story frame school building (1 classroom).
Owner—Cedargrove School District.
Architect — Chas. Dean, California State Life Building, Sacramento.
Bids will be asked in about three weeks.

LOW BIDDER
LONG BEACH, Los Angeles Co., Cal.—Long Beach Brick Co., 422 E. Broadway, Long Beach, submitted low bid at $72,270, using salvaged materials, for construction of classroom additions to the Whittier and Burbank Schools and the shower and cafeteria unit at the John Dewey Junior High School site.

BONDS VOTED
KERN COUNTY, Calif.—Semitropic School District July 29 affirmed an $18,000 bond issue to finance a new reinforced concrete school building to be built at Semitropic, near Wasco, Kern County. It will be a reinforced concrete structure and will contain one classroom.

Contract Awarded
RECON. SCHOOL Cont. Price, $9,490
BURLINGAME, San Mateo Co., Calif. Paloma Avenue.
Partial reconstruction of the McKinley Elementary School.
Owner—Burlingame Elementary School District.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.
Complete bids follow:

G. W. Williams Co., Burlingame	(1)	$ 9,490
	(2)	7,700
	(3)	8,990
	(4)	7,450
	(5)	300
A. Nelson, Inc., S. F.	(1)	$12,878
	(2)	9,913
	(3)	10,998
	(4)	7,900
	(5)	1,700
Central Calif. Const. Co., San Francisco	(1)	$13,200
	(2)	9,600
	(3)	10,235
	(4)	7,840
	(5)	2,100

BIDS WANTED
FULLERTON, Orange County, Cal.—Until August 17, 7 p.m. (bids will be opened at 7:30 p.m. on that date), bids will be received by Fullerton Elementary School District for the reconstruction, rehabilitation and strengthening of the Ford Avenue School, located on N. Ford Ave., between W. Chapman and W. Wilshire Aves., Fullerton, a PWA project; cost, $60,000 Clyde C. Deuel, 405 Douglas Bldg., Los Angeles, Architect. Myron Hunt and H. C. Chambers, 1216 Continental Bldg., Los Angeles, consulting architects.

BID OPENING POSTPONED
LOS ANGELES, Calif.—Until August 26, 2 p.m. (bid opening date postponed from August 25), bids will be received by Los Angeles board of education, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the two-story, brick home economics building (1925 and 1923 portions) at the Lafayette junior high school, located at 1240 Naomi Ave. Arlos R. Sedgley, 910 N. Serrano Ave., architect, and Ralph A. DeLine, 1144 S. Grand Ave., structural engineer. Cost, $75,000

BID OPENING POSTPONED
LOS ANGELES, Calif.—Until August 26, 2 p.m. (bid opening date postponed from August 25), bids will be received by Los Angeles board of Education for 1-story, 23-room, reinforced concrete school building to be built at the Washington Boulevard School, 1925 S. Budlong Ave.; W. F. Ruck, architect, 2712 Brighton Ave.; cost, $100,000

BID OPENING POSTPONED
LOS ANGELES, Calif.—Until August 14, 2 p.m. (bid opening date postponed from August 7), bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a two-story classroom building to be erected at the West Vernon Avenue school, 363 W. Vernon Ave. Cost, $125,000. Thomas Franklin Power, 1414 N. Fuller Ave., architect; William Mellema, 1661½ Beverly Blvd., structural engineer.

LOW BIDDER
LOS ANGELES, Calif.—Harry F. Miller, 1907 West 75th St., submitted low bid to Los Angeles board of education, at $126,364, for one-story reinforced concrete auditorium to be erected at the Manual Arts high school, 4131 S. Vermont Ave. John Parkinson and Donald B. Parkinson, architects, and J. G. Middleton, 808 Title Insurance Bldg., structural engineer. E. L. Ellingwood, H. W. Hellman Bldg., mechanical engineer.

CONTRACT AWARDED
SAN DIEGO COUNTY, Calif.—B. O. Larsen, 1340 E Street, San Diego, awarded contract by Grossmont Union High School District, at $63,000, for erection of 2-story reinforced concrete auditorium-gymnasium structure at Grossmont high school in San Diego county, a PWA project. Will be a two-story, reinforced concrete structure, 160x85 feet in area. Frank L. Hope, Jr., Commonwealth Bldg., San Diego, architect.

Funds Allotted
SCHOOL AADN. Cost, $452,000
BEVERLY HILLS, Los Angeles Co.
Alterations & additions to high school (reinforce with gunite, or reinforced concrete, structural steel.
Owner—Beverly Hills City High School District.
Architect—Not Given.
PWA has approved grant of $203,400.

CONTRACT AWARDED
LOS ANGELES, Cal.—Atlas Const. Co., 39 Congress St., Pasadena, was awarded contract at $165,200 by Los Angeles board of education for a 2-story classroom and auditorium building to be erected at the Arlington Heights school, 1717 7th Ave. Cost, $170,000. Roland E. Coate, architect; Paul E. Jeffers, structural engineer; Ralph E. Phillips, 816 W 5th St., mechanical engineer.

CONTRACT AWARDED
LOS ANGELES, Cal.—R. E. Campbell, 711 Central Bldg., awarded contract at $65,646 (completion 165 days) by the Los Angeles board of education for the reconstruction, rehabilitation and strengthening of the south building (less second story over the auditorium portion) at the Sheridan Street school.

CONTRACT AWARDED
LOS ANGELES, Calif.—Steed Bros., 5 S. Stoneman, Alhambra, awarded contract at $147,900 by Los Angeles board of education, 1425 S. San Pedro St., for a two-story and basement reinforced concrete classroom and auditorium building to be erected at the Buchanan Street school, 5011

Baltimore Street. Cost, $138,000. Ross Montgomery, 3828 Amesbury Road, Architect; R. L. Latham, 201 S. Witmer St., Structural Engineer, and C. A. Sanborn & Co., mechanical engineers.

Funds Allotted
SCHOOL Cost, $235,000
BREMERTON, Washington.
Two-story and basement junior high school (63x225), 26 classrooms, 4 shops, offices, lavatories, etc.; masonry construction, lath and plaster stud partitions, steam heating plant, acoustical work, etc.
Owner—Bremerton Consolidated Sch. District No. 100 C.
Architect—James M. Taylor, Arcade Building, Seattle.
PWA approved grant of $105,750.

Funds Allotted
ADDITION Cost, $113,000
KELSO, Washington.
Alterations and additions to junior and senior high school buildings; two-story addition, new auditorium, remodel junior and senior high school (masonry and frame construction).
Owner — Kelso Consolidated School District No. 129.
Architect—Not given.
PWA approved grant of $50,850.

NEW BIDS WANTED
GILROY, Santa Clara Co., Calif.—Until August 18, 2:30 p.m., new bids will be received by Sydney S. Johnson, Clerk, Gilroy Elementary School District, for roofing of the Benjamin Ide Wheeler School, in Gilroy. Previous bids received were rejected. Plans and specifications prepared by Architect W. H. Weeks and Harold Weeks, 593 Market St., San Francisco, and may be obtained at the office of the District Superintendent of Schools in Gilroy.

BONDS FOR SALE
MONTEREY COUNTY, Calif.—Until August 20, bids will be received by the Monterey County Board of Supervisors for the sale of bonds in the amount of $12,500, proceeds to finance construction of a school building for the Santa Rita School District.

LOW BIDDER
LOS ANGELES, Calif.—Peter P. Shelby, 630 Chamber of Commerce Bldg., submitted low bid to Los Angeles board of education, at $125,634, for two-story and basement reinforced concrete classroom building and the reconstruction, rehabilitation and strengthening of the 1925 portion of the main brick building at the Humphreys Avenue school, 4422 E. Fifth St. Walker & Eisen, 708 Pacific Commerce Bldg., Architects; E. A. Evans, Structural Engineer, and Ralph E. Phillips, 603 Architects' Bldg., Mechanical Engineer.

16—BANKS, STORES AND OFFICES

Preparing Sketches
BUILDING Cost, $2,000,000
SAN FRANCISCO, Calif. Tenth and Market Streets.
Nine-story building.
Owner—Capital Company, 625 Market Street.
Architect—Plans by Construction Department of owners.
Lessee—Western Furniture Exchange, 180 New Montgomery Street.
Further details will be announced at a later date.

Contract Awarded
STORE Cost, $7,000
SAN ANSELMO, Marin Co., Cal. San Anselmo Avenue.
One-story modern store building (31-ft. frontage).
Owner—Carl Luhrs.
Architect—Not Given.
Contractor—Ed. R. Beebe, 30 Center St., San Rafael.

Contract Awarded.
STORE Cont. Price, $27,808
SACRAMENTO, Sacramento Co., Cal. No. 717 K Street.
One-story reinforced concrete and steel store building.
Owner—Oschner Estate.
Lessee—Federal Outfitting Company.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Contractor—Frank Maloney, 3172 T St., Sacramento.

Contract Awarded.
REMODELING Cost, $2880
STOCKTON, San Joaquin Co., Calif.
Alterations to bakery bldg. (remodeling second floor to provide offices, rest room, lavatory, etc.)
Owner—Gravem-Inglis Baking Co.
Architect—Joseph Losekann, 1218 W. Harding Way, Stockton.
Contractor—J. F. Ecker, 17 W. Poplar St., Stockton.

Planned
BUILDING Cost, $——
OAKDALE, Stanislaus Co., Calif. Third Ave.
One-story brick newspaper office and shop building (50x80 feet).
Owner—Oakdale Leader, Oakdale.
Architect—Not given.

Contract Awarded
OFFICE BUILDING Cost, $15,000
OAKLAND, CALIF. First and Market Sts.
One-story frame office building.
Owner—Howard Terminal, First and Market Streets, Oakland.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland.

Preparing Preliminary Plans.
ALTERATIONS Cost, $25,000
SANTA ROSA, Sonoma Co., Calif. Fourth and Hinton Avenue.
Alterations and additions to store and office building.
Owner—M. Goldman, Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Steel Contract Awarded
MARKET Cost, $20,000
SAN FRANCISCO. Geary St., 90 feet W Henderson Street.
One-story Class C market building.
Owner and Builder—Cicerone Co., 1101 Potrero Ave., San Francisco.
Architect—Conrad Kett, 519 California St., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Structural Steel—Golden Gate Iron Works, 1541 Howard St.

Bids Wanted—To Close Aug. 10th
STORE Cost, $100,000
WALLA WALLA, Washington.
Three-story, basement and mezzanine floor store building (reinforced concrete construction).
Owner—Montgomery Ward & Company, Chicago, Ill.
Plans by Eng. Dept. of Owner (Robert R. Rower, Staff Architect).

Sub Contracts Awarded
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. NE Twelfth and K Streets.
Alterations and additions to store.
Owner—Remick & Bassett.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Contractor—Frank Maloney, 3172 T St., Sacramento.
Roofing—F. A. Clark.
Plumbing—Willy & Rhoades.
Electric Wiring—Frank R. Merwin.
Heating & Sheet Metal—McLaughlin Sheet Metal Works.
Tile—Fischer Tile Co.
Glass—W. P. Fuller & Co.
Brick—W. J. Clifford.
Lumber—Homestead Lumber Co.
Steel Sash—Thos. P. Scollan.
Mill Work—Capitol City Planing Mill.
Hardware—Sherrock Smith Co.
Concrete—Carl Fiedler.
Structural Steel—Palm Iron Works; all of Sacramento.

To Be Done By Day's Work
ALTERATIONS Cost, $3,000
SAN FRANCISCO, Calif. 498 Broadway.
Alterations to restaurant.
Owner—Penelli & Zorzi, premises.
Architect—Not given.

CONTRACT AWARDED
LOS ANGELES, Calif.—A. V. Perkinson, 3975 S. Vermont Ave., awarded contract for store building to be built on Pico near Robertson Blvd. for a client. S. Charles Lee, 1648 Wilshire Blvd., architect. Cost, $50,000.

CONTRACT AWARDED
HUNTINGTON PARK, Los Angeles Co., Calif.—J. V. McNeil Co., 5860 Avalon Blvd., Los Angeles, awarded contract for a three-story and basement Class A store building, 57x150 feet in area, at Pacific Ave. and Zoe Sts., Huntington Park, for D. Sommer; Eastern Stores, lessees. All work is included in the general contract. Claud Beelman, 1019 Union Bank Bldg., Los Angeles, architect.

Contract Awarded
ALTERATIONS Cost, $6,000
SAN FRANCISCO, Calif. 825 Mark Street.
Alterations to store building.
Owner—Edison Bros. Stores, Inc., St. Louis, Mo.
Plans by Engineering Department of Owner.
Contractor—Lindgren & Swinerton, Inc., 225 Bush Street.

Planned
STORE Cost, $.....
VALLEJO, Solano Co., Calif. Georgia Street.
New store building.
Owner—D. Magnani, 733 Main St., Vallejo.
Architect—Not given.
Lessee——J. J. Newberry.

To Be Done By Day's Work
ALTERATIONS Cost, $2,500
SAN FRANCISCO, Calif. 2645 Mission Street.
Alterations to restaurant.
Owner—Elmer R. Spinden, premises.
Architect—Not given.

Bids Wanted—To Close Aug. 26, 8 P. M.
REHAB. SCHOOL Cost, $19,000
BERKELEY, Alameda Co., Calif. 1775 Rose Street.
Additional rehabilitation at the Garfield School (alternate proposals).
Owner—Berkeley School District.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—W. C. Ambrose, Berkeley Board of Education.
Plans and specifications may be obtained from above office upon deposit of $25.00.

Additional Sub Contracts Awarded
OFFICE BLDG. Cost, $50,000
SAN FRANCISCO. Van Ness Avenue South, bet. 12th and 13th Streets.
Two-story reinforced concrete Class C office building (45x190 ft.).
Owner—Dempster Estate.
Architect — W. D. Peugh, 333 Montgomery Street.
Lessee — State of California (Motor Vehicle Department).
Structural Engineer—F. W. Kellberg, 320 Market Street.
Contractor—Cahill Bros., 206 Sansome.
Sheet Metal—Morrison & Co., 74 Duboce Avenue.
Floor & Wall Tile—Donlon-Fratessa, 24 12th Street.
Misc. & Orn. Iron—Sartorius Co., 2530 18th Street.
Other awards reported July 17th.

Funds Allotted
SCHOOL Cost, $10,000
BEATTY, Nevada.
One-story school building (two classrooms and library), wood frame construction, floor joists, studding, and shingle covered roof).
Owner—Beatty School District No. 5.
Architect—Not given.
PWA approved grant of $4,500.

Funds Allotted
GYMNASIUM Cost, $18,000
AUSTIN, Nevada.
One-story brick gymnasium (50x86 feet), concrete foundation, wood framed floor and wood framed peak roof, plastered interior walls.
Owner—Lander County Board of Education.
Architect—Not given.
PWA approved a grant of $8,100.

Funds Allotted
ALTERATIONS, ETC. Cost, $217,078
MESA, Arizona.
Alterations and additions to high school and construction of new two-story brick classroom building (11 classrooms), new central heating plant, etc.
Owner—Mesa Union High School District.
Architect—Not given.
PWA approved grant of $97,685.

Sub Contracts Awarded
STORE Cost, $10,000
CHICO, Butte Co., Cal. Third St.
One-story steel store building (30x70 feet), stucco exterior, decorative plaster, structural glass, etc.
Owner—J. H. Morrison, San Jose.
Architect—Chester Cole, Chico.
Lessee—J. Irving Bedford Jewelry & Gift Shop, Chico.
Contractor—Merrick Evans, Liberty Lane, Chico.
Roofing—Sierra Roofing Co.
Plumbing—Parker Hardware Co.
Sheet Metal—Hall Sheet Metal Co.
Glass—Vitrolite Co.
Lathing & Plastering—B. Reed.
Lumber—Diamond Match Co.
Steel Sash—Soule Steel Co., San Francisco.
Mill Work—Diamond Match Co.
Hardware—Parker Hardware Co.
Painting—J. Bish.
Reinforcing Steel—Soule Steel Co., San Francisco.
All of Chico, unless otherwise specified.

Contract Awarded
ADDITIONS, ETC. Cost, $.....
SAN RAFAEL, Marin County, Calif. B and Fourth Streets.
Alterations to present building and addition of new annex, 42x45 ft.; 1-story steel and brick construction, plain and ornamental plaster, tile and terra cotta exterior, marble counters, composition roofing, metal windows, new steam heating plant, air - conditioning system, marble and linatile floors, bronze fixtures, cabinet work, etc.
Owner—Bank of San Rafael (William P. Murray, President).
Architect—H. H. Winner, Wordsworth **Ave., Ross.**
Contractor—H. J. Hansen, San Rafael, $14,450. (This portion of the contract includes excavation, **grading, concrete and cement** work, reinforcing steel, structural **steel, rough and finish carpentry,** mill work, glass and glazing, roof**ing, insulating, painting and sheet** metal.
Bids on marble, cabinet work and bronze will be asked in one week, estimated to cost $20,000.

Contract Awarded
ALTERATIONS Cost, $25,000
VALLEJO, Solano County, Calif. 307 Georgia Street.
Alterations to store building.
Owner—Farnham Estate.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Lessee — Levee's Department Store, Vallejo.
Contractor—Jensen & Pedersen, 3143 Adeline St., Oakland.

Preparing Working Drawings
ALTERATIONS Cost, $25,000
SANTA ROSA, Sonoma County, Calif. Fourth and Hinton Avenues.
Alterations and additions to store and office building.
Owner—M. Goldman, Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Bids will be asked in 3 or 4 weeks.

17— THEATRES

Plans Completed
ALTERATIONS Cost, $7,000
SAN FRANCISCO, Calif. 965 Geneva **Ave.**
Alterations to theatre.
Owner—Amazon Theatre Co., 25 Taylor Street.
Architect—A. A. Cantin, 557 Market Street.
Bids will be asked shortly.

Plans Being Prepared
THEATRE Cost, $—....
SAN RAFAEL, Marin County, Calif. S. Fourth St., bet. D and E Sts.
One-story and balcony reinforced concrete theatre building (to seat 1800), air conditioning system, acoustics, marquee, etc.
Owner—Blumenfeld Theatres Corp., 25 Taylor St., San Francisco.
Architect—S. Chas. Lee, 25 Taylor St., San Francisco and Los Angeles.
Bids will be asked at a later date.

18— WHARVES & DOCKS

CONTRACT AWARDED
BALBOA, Canal Zone. — Pacific Bridge Company, Balfour Building, San Francisco, at $514,000, awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., for construction of a reinforced concrete wharf, bituminous macadam road and water and electrical services at the Naval Ammunition Depot, Balboa, Canal Zone. Complete bids published August 3.

BIDS WANTED
PORTLAND, Ore.—Until August 11, 3 p.m., bids will be received by U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Invitation No. 698-37-52, for constructing a dock at Government Moorings, 8010 N.W. St. Helens Road, Portland.
The work involves:
(1) 6,600 l.f. piling;
(2) 67 MF.BM untreated lumber;
(3) 22,550 MF.BM placing treated lumber furnished by Government;
(4) 2,200 lbs. metal fastenings.
Specifications and proposal forms on application to above.

19—MISC. CONSTRUCTION

SUB-BIDS WANTED
OAKLAND, Calif.—Fred K. DuPuy, 110 Sutter St., San Francisco, desires sub-bids on all portions of the work for the construction of a Class C terminal, to be erected at Piedmont Avenue, Oakland, for the Key System, for which bids will be opened August 11, 3 P. M. Plans prepared by Architects Kent & Hass, San Francisco.

Plans Being Figured—Bids Close Aug. 11th, 3 P. M.
TERMINAL Cost, $——
OAKLAND, Alameda Co., Cal. Piedmont Ave. train terminal.
One-story Class A concrete and steel train concourse and terminal.
Owner—Key System.
Architect—Kent & Hass, 525 Market St., San Francisco.
Following will submit bids:
Chas. Stockholm, Russ Bldg., San Francisco.
Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.
Lindgren and Swinerton, Inc., 225 Bush St., San Francisco.
Fred K. DuPuy, 110 Sutter St., San Francisco.
Kelly & Tulloch, 385 8th St., Oak-
W. E. Lyons Const. Co., 2009 Pacific Ave., Alameda.
land.

Funds Allotted
STORAGE BINS, ETC. Cost, $325,450
PORT OF TACOMA, Washington.
60 reinforced concrete grain storage bins (14 ft. 3 in. inside diameter by 91 ft. 6 in. high, with 8 ft. 6 in. basement under entire area and a 10-ft. covered space over top of equipment).
Owner—Port of Tacoma, Pierce Co., Wash.
Architect—Not given.
PWA approved grant of $146,452.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED
LOS ANGELES, Cal.—Truscon Steel Co., 5480 E. Slauson Avenue, was awarded contract by the U. S. Indian Irrigation Service, Aug. 1, at $2,325 cwt. for furnishing 30,000 cwt. ½-in. round deformed steel bars under Invitation No. 0285. The bids were opened July 28. 20

LOW BIDDERS
YERBA BUENA ISLAND, Calif.—Ray Oil Burner Company, 401 Bernal Ave., San Francisco, at $965, submitted low bid to Bureau of Yards and Docks, for galley ranges and fuel oil burners for Yerba Buena Island. Second low bid was submitted by the Montague Co., San Francisco, at $1,095. 0

BIDS OPENED
SAN FRANCISCO, Calif.—Identical bids at $7,270.10, submitted by Taper Tube Pole Co., San Francisco, and Westinghouse Electric Manufacturing Co., San Francisco, to T. A. Brooks, Purchaser of Supplies, for furnishing street lighting fixtures for the city of San Francisco under Bid No. 1621. 20

MACHINERY & MATERIAL

Bid calls for construction machin ery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

WAR DEPARTMENT

TECUMCARI, N. M.—Until Sept. 4 (tentative date), bids will be received by the U. S. Engineer Office, Tucumcari, N. M., for furnishing 250,000 bbls. Portland cement to cover the first year's cement requirements on the Conchas Dam (now being advertised). The invitation for bids for the cement will be issued about Aug. 5. Capt. Hans Kramer, District Engineer.

SACRAMENTO, Calif. — Until August 13, 3 p.m., bids will be received by U. S. Engineer Office, Col. L. B Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Invitation No. 37-28, for furnishing 1300 lbs. two-ply, 14-ga. steel wire.

Specifications and bid forms on application to above.

FORT MASON.—Until August 10, 10 a.m., bids will be received by Quartermaster Supply Officer, Fort Mason, under Bid No. 928-37-29, for furnishing water hose and hose nozzles.

Specifications and proposal forms on application to above.

FORT MASON.—Until August 17, 10 a.m., bids will be received by Quartermaster Supply Officer, Fort Mason, San Francisco, for furnishing rubber armored cable and shower mixers; Bid No. 928-37-28.

Specifications may be obtained from above.

FORT MASON.—Until August 12, 10 a.m., bids will be received by Quartermaster Supply Officer, Fort Mason, San Francisco, for furnishing Douglas Fir lumber; Bid No. 928-37-30.

Specifications may be obtained from above.

SACRAMENTO, Cal.—Until Aug. 11 3 P. M., bids will be received by U. S. Engineer Office, 208 Post Office Building, Sacramento, for furnishing miscellaneous castings under Proposal No. 1105-37-27, as follows:

(1) 60 20-in. dredge shore pipe taper ends;
(2) 1 dredge pump impeller shaft;
(3) 1 forged steel key for dredge cutter shaft.

Specifications may be obtained on application to above.

SACRAMENTO, Cal.—Until August 12, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-24, for furnishing about 1200 tons of rip-rap stone for wing dams; f.o.b. cars at Sacramento, and/or bidder's shipping plant.

Specifications obtainable at above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service, H. R. Marsh, Acting Supply Officer, Government Island, Oakland, for furnishing miscellaneous material, as follows:

August 10, 2 p.m.

Bid No. 3772: Micrometers and one set standards; f.o.b. Government Island, and/or bidders shipping point.

Bid No. 3774: Two hydraulic jacks of 3-ton and 12-ton capacity; f.o.b. Government Island or shipping point of bidder.

Bid No. 3776: 30 stove units; f.o.b. Government Island.

Specifications and proposal forms on application to above.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing miscellaneous materials, as follows:

August 11, 2 p. m.

Bid No. 3777: Meter, coil and condenser, rheostat, vacuum pressure gauge, electrical tachometer; f.o.b. Government Island.

Bid No. 3773: 550 etched brass plates of various sizes; f.o.b. Government Island or bidder's shipping point

Specifications and proposal forms on application to above.

SAN FRANCISCO, Calif.—Bids will be received by the Forest Service, P. C. Brown, Procurement Officer, Phelan Bldg., San Francisco, for furnishing miscellaneous materials, as follows:

August 12, 2 p. m.

Bid No. 883: One range, six-hole, coal and wood burning; f.o.b. bidder's shipping point or Pascenta.

August 13, 3 p. m.

Bid No. 882: One boring bar or cylinder boring machine, electric motor driven; f.o.b. Glendale or bidder's shipping point.

Specifications and proposal forms on application to above.

STATE OF NEVADA

CHURCHILL COUNTY, Nevada—Until August 19, 9 A. M., bids will be received by the Churchill Board of County Commissioners, G. W. Likes, Clerk, Fallon, for furnishing one 2-yd. capacity dump truck with dual wheels.

Delivery f.o.b. Fallon.

Specifications obtainable from the above office.

CANAL ZONE

CANAL ZONE.—Until August 10 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., for furnishing supplies under Schedule No. 3170 as follows:

Sheet Iron or Steel, Metal-Working Machine, Steam Pressure Gauges, Exhaust Pipe Heads, Steam Traps, Check Valves, Cleanouts, Floor Flanges, Flush-Tank Levers, Water-Closet Chain, Panelboards, Electrical Insulation, Insulating Tape, Snap Switches, Receptacles, Porcelain Knobs, Fixture Studs, Bakelite Washers, Antennae Wire, Mattocks, Hooks & Eyes, Lubricating Grease, Cutting Oil, Fish Oil, Beeswax Pigments (Lithopone, Venetian Red & Non-fading Red), Paint Cans, Oil Cans, Bronze Propellers, Map Filing Cabinets, Draftsmen's Stools, T-Squares, Thumb Tacks, Wagon Umbrellas, Gold Leaf, Soufflet Cases, Welding Machines and Rotating and Stationary Shelving.

Specifications and bid information from above and from Assistant General Purchasing Officer, The Panama Canal, Fort Mason, San Francisco.

RECLAMATION BUREAU

IMPERIAL DAM.—Until August 24, 2 p.m., bids will be received by U. S. Reclamation Service, R. F. Walter, Chief Engineer, Custom House, Denver, for furnishing structural steel, steel castings, light standards and steel pipe railings and posts for the service bridge at the Imperial Dam, All-American Canal system; Spec. No. 822-D.

Specifications may be obtained on application to above; no charge to prospective bidders.

ONTARIO, Ore.—Until August 21, 2 p.m., bids will be received by U. S. Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Customhouse, Denver, under Spec. No. 819-D for furnishing two motor-driven, vertical, centrifugal pumping units, each having a capacity of 45 second-feet when operating under a total dynamic head of 111 feet; two motor-driven, vertical, centrifugal pumping units, each having a capacity of 38 second-feet when operating under a total dynamic head of 83 feet; and one motor-driven, vertical, centrifugal pumping unit having a capacity of 10 second-feet when operating under a total dynamic head of 50.5 feet.

Pumps are to be installed in the Payette-Oregon Slope pumping plant, Owyhee Project.

Specifications on application to above office; no charge to bona fide prospective bidders.

U. S. FOREST SERVICE

SAN FRANCISCO.—Until August 10 2 P. M., bids will be received by the U. S. Forest Service, P. C. Brown, Procurement Officer, Phelan Bldg. San Francisco, for furnishing two valve seat grinder outfits, one for delivery at Glendale and one for delivery at Nevada City; Bid No. 879.

Specifications and proposal forms on application to above.

GOVERNMENT ISLAND, Alameda Co.—Until August 11, 2 p.m., bids will be received by U. S. Forest Service, Frank Haynie, Supply Officer, Government Island, for furnishing Diesel fuel oil at various points in California for the period ending September 30, 1936; Bid No. 3759.

Specifications and proposal forms on application to above.

CALIFORNIA STATE

MENDOCINO COUNTY.—Until August 10, 11 a.m., bids will be received by the Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Ave., Eureka, for the rental of one 2500-gal. tank truck, with a 2500-gal. tank trailer attached, to be used in hauling oil in Mendocino Co The truck will be required for 300 hours and the trailer for 150 hours.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing approximately 564,000 lbs. of fabricated steel and other metal work incidental to the steel framework in the superstructure of highway bridge included in Federal Project No. 13-130, known as the Overland Avenue bridge, Circ. Prop. ER-509-37-60, opened by the U. S. Engineer, 751 South Figueroa St., Aug. 10, were:

Minneapolis - Moline Power Implement Co., $.0568 per lb.; total $32,035.-20; terms, net.

Bethlehem Steel Corp., $.0579 per lb. Total, $32,655.60; terms, net.

Consolidated Steel Corp., Ltd., $.0612 per lb.; total, $34,516.85; terms, net.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until August 27, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles for constructing a reinforced concrete girder bridge across the Los Angeles River at Atlantic Ave., about 7.0 mi. north of Long Beach, consisting of thirteen 64-ft. spans and two 18-ft. cantilever spans on concrete piers with pile foundations.

The work involves:

(1) 5,200 cu. yds. struct. excav.;
(2) 1,000,000 lbs. bar reinf. steel;
(3) 995 cu. yds. Class A Portland cement concrete (footing blocks);
(4) 5,120 cu. yds. Class A Portland cement concrete (strucs);
(5) 60 cu. yds. Class A Portland cement concrete (railing);
(6) 7,920 lin. ft. concrete piles, cast in place;
(7) 1,320 lin. ft. furnishing treated Douglas fir piles, including test piles;
(8) 52 each drive treated Douglas fir piles, including test piles;
(9) 1 lot miscellaneous items of work.

Plans and specifications may be obtained from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the offices of the District Engineers in Los Angeles and San Francisco.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until August 27, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a steel stringer bridge with concrete deck across Chino Drainage Canal, about 4.0 miles south of Pomona, and 0.27 mile of roadway to be graded and road mix surface treatment applied.

The work involves:

(1) 280 M gallons water;
(2) 9,200 cu. yds. imported borrow;
(3) 700 cu. yds. struc. excav.;
(4) 2,100 cu. yds. imported selected material;
(5) 14.3 sta. finishing roadway;
(6) 33 tons liquid asphalt SC-4 (road mix surf. treatment);
(7) 3,200 sq. yds. preparing, mixing, and shaping roadbed;
(8) 3.3 tons liquid asphalt 90-95 (seal coat);
(9) 42 tons screenings (seal coat);
(10) 3,000 lbs. bar reinf. steel;
(11) 380 cu. yds. Class A Portland cement concrete (strucs.);
(12) 93,000 lbs. struc. steel;
(13) 5M ft. board measure Redwood timber, dense, select, all-heart, structural grade;
(14) 2,865 lin. ft. furnishing treated Douglas fir piles, including test piles;
(15) 113 each driving treated Douglas fir piles, including test piles;
(16) 32 each guide posts;
(17) 1 lot miscellaneous items of work.

Plans and specifications may be obtained from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the offices of the District Engineers in Los Angeles, San Francisco and San Bernardino.

BIDS WANTED

ORANGE COUNTY, Calif.—Until August 27, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing a reinforced concrete bridge across the Santa Ana River on Bolsa Ave., 2.3 miles west of Santa Ana, consisting of seven 57-ft. girder spans, and two 19-ft. end spans on concrete piers, and approximately 0.2 mile of roadway to be graded and surfaced with plant mixed surfacing.

The work involves:

(1) 15 sta. clear and grub;
(2) 270 M gals. water;
(3) 1,900 cu. yds. struc. excav.;
(4) 9,500 cu. yds. imported borrow;
(5) 15 sta. finishing roadway;
(6) 690 tons mineral aggregate (plant mix. surf.);
(7) 37 tons liq. asphalt MC-4 or MC-5 (plant mix. surf.);
(8) 4 tons liq. asphalt MC-2 (prime coat);
(9) 1,560 cu. yds. Class A Portland cement concrete (strucs.);
(10) 47 cu. yds. Class A Port. cem. conc. (railing);
(11) 290,000 lbs. bar reinf. steel;
(12) 6,015 lin. ft. furnishing treated Douglas fir piles, including test piles;
(13) 240 each drive piles, including test piles;
(14) 44 each guide posts;
(15) 1 lot misc. items of work.

Plans and specifications may be obtained from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the offices of the District Engineers in Los Angeles and San Francisco.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until August 26, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for constructing five bridges across Guadalupe River and overflow channels about 3.0 miles north of San Jose.

The work involves:

(1) 1,700 cu. yds. rdwy. excav.;
(2) 150 cu. yds. struc. excav.;
(3) 300 cu. yds. Class A Port. cem. conc. (pavement);
(4) 182,000 lbs. bar reinf. steel;
(5) 680 cu. yds. Class A Port. cem. conc. (strucs.);
(6) 38 cu. yds. Class A Port. cem. conc. (railing);
(7) 88 M ft. board measure Redwood timber, dense, select, all-heart, struc. grade;
(8) 39 M ft. board measure Redwood timber, select, all-heart, struc. grade;
(9) 1,950 lin. ft. furnishing reinf. conc. piles, including test piles;
(10) 48 each driving reinf. conc. piles, including test piles;
(11) 9,590 lin. ft. furnishing treated Douglas fir piles, including test piles;
(12) 274 each driving treated Douglas fir piles, including test piles;
(13) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the office of the District Engineer in San Francisco, and in Los Angeles.

BIDS OPENED

LOS ANGELES, Cal.—Consolidated Steel Corp., 6500 E. Slauson Ave., submitted the low bid to the U. S. Engineer, 751 S. Figueroa St., July 29, at $173,789.80, for furnishing 1,897,000 lbs. of fabricated steel and other metal work, to include complete framework for the Pacific Ave. bridge superstructure, and 14 fabricated steel girders for 7 additional bridge superstructures. Circ. Prop. No. 23.

The items are:

(1) steel for Pacific Ave. bridge, furnished fully fabricated;
  (a) 357,000 lbs. all metal work except girders;
  (b) 2 each fabricated girders (approximately 97,500 lbs. each);
(2) steel for Verdugo Wash, Vierendeel girders, fully fabricated;
  (a) 2 each at Glenoaks Blvd. bridge (approx. 92,500 lbs. each);
  (b) 2 each at Louise Street bridge (approx. 97,500 lbs. each);
  (c) 2 each at Brand Blvd. bridge (East Unit) approx. 97,500 lbs. each;
  (d) 2 each at Geneva Street bridge (approx. 97,500 lbs. each);
  (e) 2 each at Central Ave. bridge (approx. 97,500 lbs. each);
  (f) Brand Blvd. bridge (West unit) (approx. 97,500 lbs. each);
  (g) 2 each at Jackson Street bridge

(approx. 97,500 lbs. each);

The complete bids were:

Consolidated Steel Corp.: (1) (a) 7.41c; (b) $9350; (2) (a) $9025; (b) to (f) inclusive, $9350; (g) $9025; total, $173,789.80.

Bethlehem Steel Co.: (1) (a) 7.2c; (b) $9750; (2) (a) $9325; (b) to (f) inclusive, $9610; (g) $9325; total, $178,604.00.

Columbia Steel Co.: (1) (a) 7.28c.; (b) $9648; (2) (a) $9430; (b) to (f) inclusive, $9648; (g) $9430; total, $179,485.00.

Ingalls Iron Works: (1) (a) 7.66c.; (b) $10,120; (2) (a) $9742; (b) to (f) $10,120; (g) $9750; total, $187,770.

Minneapolis - Moline Power Implement Co.: (1) (a) 7.60c.; (b) $10,450; (2) (a) $9850; (b) to (f) $10,450; (g) $9850; total, $191,932. * 21

July 31, 1936

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—C. F. Robbins, 915 Merritt Bldg., Los Angeles, at $29,694 awarded contract by the State Highway Commission, Sacramento, for constructing a timber bridge with concrete deck and grading and applying road - mix surface treatment on about .4 mile of roadway approaches at Temecula River, about eight miles north of San Diego County line.

CONTRACT AWARDED

CONTRA COSTA COUNTY, Cal.—Bundesen & Lauritzen, P. O. Box 395, Pittsburg, at $12,851, submitted low bid and awarded contract by the Contra Costa County Board of Supervisors, S. C. Wells, Clerk, Martinez, for the removal of the existing bridge and the construction of the Anderson Bridge over Walnut Creek on the Ygnacia Valley Road, east of the city limits of Walnut Creek.

The work involves:

(1) 440 l.f. steel piling;
(2) 103,201 pounds structural steel;
(3) 23,570 pounds reinforcing steel;
(4) 241.4 c.y. concrete;
(5) Lump sum, wood railing.

Complete bids follow:

Bundesen & Lauritzen, Pittsburg—$12,851.
C. A. Lauritzen, Antioch—$12.978.
Underground Constr. Co., Berkeley—$15,329.
A. Soda & Son, Oakland—$15,420.
Albany Cement Contractors, Albany—$15,460.

CONTRACT AWARDED

CONTRA COSTA COUNTY, Calif.—Bundesen & Lauritzen, P. O. Box 395, Pittsburg, at $8,503, submitted low bid and awarded contract by the Contra Costa County Board of Supervisors, S. C. Wells, Clerk, Martinez, for the construction of the Moraga bridge over San Leandro Creek, between Moraga and the Redwood Canyon, and for the removal of the existing bridge.

The work involves:

(1) 540 l.f. steel piling;
(2) 45,206 pounds structural steel;
(3) 19,230 pounds reinforcing steel;
(4) 108.1 c.y. concrete;
(5) Lump sum, wood railing.

Complete bids follow:

Bundesen & Lauritzen, Pittsburg—$8,503.
C. A. Lauritzen, Antioch—$8,850.
Underground Constr. Co., Berkeley—$10,720.
A. Soda & Son, Oakland—$11,148.

BIDS WANTED

SANTA CRUZ COUNTY, Calif.—Until August 17, 2 p.m., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, State Building, San Francisco, for constructing a bridge across Corralitos Creek one mile east of Watsonville, and removing and disposing of the existing timber bridge.

The work involves:

(1) 290 c.y. roadway excavation unclassified;
(2) 50 c.y. structure excavation;
(3) 1,175 c.y. imported borrow;
(4) 260 tons crusher run base, in place;
(5) 5 tons liquid asphalt, SC-2 (penetration oil treatment) in place;
(6) 3 tons liquid asphalt, SC-1A (prime coat) in place;
(7) 2 tons liquid asphalt, 90-95 (armor coat) in place;
(8) 35 tons rock screenings (armor coat) in place;
(9) 11,500 lbs. bar reinforcing steel in place;
(10) 88 c.y. Class A Portland cement concrete in place;
(11) 24,000 lbs. structural steel, in place;
(12) 2,000 FBM redwood timber, dense, select, all-heart, structural grade, in place;
(13) 1.5 MFBM Redwood timber, select, all-heart, structural grade, in place;
(14) 6 MFBM Douglas fir timber, in place;
(15) 1,620 l.f. furnishing treated Douglas fir piles, including test piles;
(17) Lump sum, removing and disposing of existing bridge;
(18) 198 l.f. 12-in. C. M. P. complete in place (pipe furnished by State);
(19) 44 l.f. 18-in. C. M. P. complete in place (pipe furnished by State).

Plans and specifications obtainable from the above office.

BIDS OPENED

BAKERSFIELD, Kern Co., Calif.—Opperman & Company, Bakersfield, at $5,804.25, submitted low bid to the Bakersfield City Council, V. Van Riper, City Clerk, for the construction of a reinforced concrete culvert at 34th St. and the East Side Canal in the City of Bakersfield.

Complete bids follow:

Opperman & Co., Bakersfield..$5,804.25
Rexroth & Rexroth, (do)..... 5.985.00
Virgil A. Young, (do)..... 6,155.20

Bids held under advisement.

BIDS WANTED

HUMBOLDT COUNTY, Calif.—Until August 12, 2 p.m., bids will be received by Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for painting four bridges on county roads.

Specifications may be obtained from County Surveyor Frank Kelly, Second and K Sts., Eureka.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS OPENED

SAN FRANCISCO. — Following bids received by the U. S. Engineers, Col. J. A. Dorst, District Engineer, San Francisco, for lease and operation of one cutterhead pipe line dredge in San Francisco Bay in the vicinity of Yerba Buena Shoals:

Standard Dredging Co., Los Angeles, "Pt. Loma" now at San Diego, guaranteed output 300,000 cubic yards per month; $52,800 rental per month.

San Francisco Bridge Co. San Francisco, "S. G. Hines" now at Richmond, guaranteed output 325,000 cubic yards per month; $55,250 per month.

Estimated rental $49,431 per month on guaranteed output of 350,000 cubic yards. * 22

FUNDS ALLOTTED

PORTLAND, Ore. — Allotment of $300,000 available to U. S. Engineers for extending Umpqua River south jetty, first unit of $1,000,000 project. Extension will be 1800 feet, bringing the completed jetty to 4300 feet.

Specifications will be ready for advertising about September 15 by U.S. Engineers, First Portland District, Col. Milo P. Fox, District Engineer.

23—CANALS

CONTRACT AWARDED

ALL-AMERICAN CANAL.—V. R. Dennis Construction Co., 3911 Fifth Ave., San Diego, at $32,500, awarded contract by U. S. Bureau of Reclamation under Spec. No. 810-D for earthwork excavation, Sta. 1161 plus 75 to Sta. 1170 plus 25, All-American Canal.

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—F. O. Bohnett, Box 54, North Union Ave., Campbell, at $43,799, awarded contract by Santa Clara Valley Water Conservation District, San Jose, for constructing the Coyote Canal, Contract No. 5-A.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO, Calif.—Identical bids at $7,350, less $100 trade-in allowance, submitted by Associated Equipment Co., San Francisco, and Austin Western Road Machinery Co., San Francisco, to T. A. Brooks, Purchaser of Supplies, under Bid No. 1619 for furnishing one Model No. 20 Elgin motor sweeper or equal.

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Bids received by the State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for rental of three 3-yard dump trucks for a period of 500 hours as follows:

Daniel Gallagher San Francisco....$2.43
Samuel Longwell, Brentwood..... 2.43
Ashurst Bros. and W. E. Sinclair, Hopland 2.43
Thos. O'Brien, San Francisco..... 2.50
Rock and Gravel Trucking Co., Oakland 2.93
Portola Truck Service, S. F..... 2.99
San Bruno Ave. Feed and Fuel Co., San Francisco 3.00

BIDS OPENED

MONO COUNTY, Calif.—Regal Oil Co., 3305 Orange, Long Beach, at $4,420, submitted the only bid received by the Bureau of Public Roads, Federal Bldg., San Francisco, for 6.823 miles bituminous treatment (light surface application) on Section A of Route 81, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County.

The work involves:

(1) 270 tons liquid asphalt, Type SC-2.
(2) Extra work, mixing and stockpiling supplemental material.

Complete bids follow:

Regal Oil Co., Long Beach: (1) $16; (2) $200; total, $4,420.
Engineer's Estimate: (1) $26.30; (2) $100; total, $7,101.

BIDS OPENED

MONO COUNTY, Calif.—Isbell Construction Co., 1300 E. Fourth St., Reno, at $221,855.60, submitted low bid to the State Highway Commission, Sacramento, for about 7.6 miles grading and surfacing with bituminous treated selected material in Mono Co. between Conway Summit and 1 mile north of Bodie Road.

The work involves:

(1) 72 acres clear and grub right of way;
(2) 5,000 M. gals. water;
(3) 179,000 c.y. rdwy. excav., unclass.
(4) 150,000 sta. yds. overhaul;
(5) 2,400 c.y. struc. excav.;
(6) 2,100 c.y. ditch excav.;

(7) 3,400 c.y. type A imported borrow
(8) 16,800 c.y. type B do;
(9) 195 c.y. rubble masonry;
(10) 401 sta. finishing rdwy.;
(11) 200 tons liquid asph. SC-2 (prime coat);
(12) 19,100 tons of selected material (surf.);
(13) 800 tons liquid asphalt SC-3 (bituminous treatment);
(14) 8.03 miles mixing, shaping and compacating bit. treated surf.;
(15) 75 tons liquid asphalt MC-3 (seal coat);
(16) 675 tons screenings (seal coat);
(17) 3,500 lbs. bar reinf. steel;
(18) 86 c.y. Class A Portland cement concrete (struc.);
(19) 2,896 l.f. 24-in. CMP;
(20) 404 l.f. clean and relay CMP culverts;
(21) 501 l.f. clean and salvage CMP culverts;
(22) 61 each culvert markers;
(23) 528 each guide posts;
(24) 26 each existing culvert headwalls to be removed and disposed of;
(25) 173 each monuments complete in place.

Total bids follow:
(A) Isbell Constr. Co., Reno.$221,855.60
(B) Morrison Knudsen Co., Los Angeles 249,073.50

Unit bids follow:

	(A)	(B)
(1)	$50.00	$25.00
(2)	2.00	2.00
(3)	.65	.80
(4)	.02	.02
(5)	1.50	1.75
(6)	1.00	1.00
(7)	.60	.70
(8)	.50	.70
(9)	15.00	20.00
(10)	8.00	10.00
(11)	20.00	18.00
(12)	1.00	.80
(13)	22.00	18.00
(14)	800.00	900.00
(15)	25.00	23.00
(16)	3.50	3.00
(17)	.10	.10
(18)	35.00	40.00
(19)	3.10	3.50
(20)	1.00	2.00
(21)	1.00	1.50
(22)	3.00	4.00
(23)	2.50	3.00
(24)	10.00	9.00
(25)	3.50	3.00

BIDS WANTED

LASSEN COUNTY, Calif. — Harms Bros., Doyle, at $94,310.50, submitted low bid to the State Highway Commission, Sacramento, for about 13.8 miles grading and applying penetration oil treatment in Lassen County between 2.5 miles south of Viewland and Secret Valley.

The work involves:
(1) 100 acres clear and grub right of way;
(2) 563 M. gals. water;
(3) 91,500 c.y. rdwy. excav. (Location A);
(4) 39,700 c.y. do (Location B);
(5) 196,000 sta. yds. overhaul;
(6) 1,300 c.y. struc. excav.;
(7) 125 c.y. ditch and channel excav.
(8) 25,300 c.y. imported selected material;
(9) 15,500 c.y. imported borrow;
(10) 724 sta. finishing rdwy.;
(11) 245 tons liquid asphalt SC-2;
(12) 92 tons liquid asphalt SC-4;
(13) 740 c.y. sand;
(14) 2,300 lbs. bar reinf. steel;
(15) 72 c.y. Class A Portland cement concrete (struc.);
(16) 44 l.f. 12-in. CMP;
(17) 1,844 l.f. 18-in. CMP;
(18) 242 l.f. 24-in. CMP;
(19) 38 l.f. 30-in. CMP;
(20) 82 l.f. 36-in. CMP;
(21) 74 l.f. 48-in. CMP;
(22) 110 each culvert markers;
(23) 111 each monuments.

Total bids follow:
(A) Harms Bros., Doyle.....$94,810.50
(B) Fredericksen & Westbrook, Lower Lake..... 110,168.50
(C) Isbell Constr. Co., Reno 114,589.35
(D) A. Teichert & Son, Inc., Sacramento 118,133.75
(E) Heafey-Moore Co., Oakland 163,335.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$30.00	$60.00	$15.00	$25.00	$100.00
(2)	2.50	4.00	2.25	3.00	7.00
(3)	.22	.20	.25	.25	.52
(4)	.44	.60	.85	.87	.66
(5)	.01	.01	.01	.01	.01
(6)	1.25	1.50	1.50	2.00	1.50
(7)	1.00	1.50	1.00	2.00	1.00
(8)	.85	1.00	.80	.90	1.52
(9)	.35	.50	.35	.40	.66
(10)	6.00	6.00	10.00	58.00	7.00
(11)	20.00	20.00	20.00	22.00	20.00
(12)	25.00	25.00	25.00	16.00	25.00
(13)	2.00	3.00	2.50	2.50	2.00
(14)	.08	.07	.08	.10	.08
(15)	30.00	35.00	35.00	37.50	30.00
(16)	1.50	1.50	1.60	1.50	2.00
(17)	2.00	2.00	2.00	2.00	2.20
(18)	3.00	3.00	3.10	3.25	3.00
(19)	4.00	3.50	3.75	4.00	4.50
(20)	5.00	5.00	6.00	6.00	6.50
(21)	8.00	7.00	8.00	8.25	8.00
(22)	3.00	3.00	3.50	3.25	3.00
(23)	3.00	3.00	3.50	3.75	3.00

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—G. R. Curtis Paving Co., 2440 E. 26th Street, Los Angeles, at $74,467.60, awarded contract by State Division of Highways for about 1.8 miles grading and paving with asphalt concrete in Los Angeles County on Cerritos Avenue, between Firestone Boulevard and Telegraph Road.

BIDS OPENED

SAN FRANCISCO, Calif.—Lowrie Paving Co., Inc., 1540 16th St., at $103,290.60, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,925, for the widening and reconstruction of Folsom Street between the Embarcadero and Tenth Street.

The work involves:
(1) 3800 cu. yds. Rock fill.
(2) 76000 sq. ft. Basalt Block Pavement Removed.
(3) 4000 sq. ft. Asphalt concrete pavement, consisting of a concrete base and an asphaltic wearing surface removed.
(4) 15000 sq. ft. Asphaltic concrete wearing surface removed.
(5) 12100 lin. ft. Curbs reset.
(6) 1800 sq. ft. Granite Curb redressed.
(7) 800 lin. ft. New Granite Curb in place.
(8) 1600 lin. ft. Armored Concrete Curb.
(9) 75 Brick Catchbasins reset or reconstructed.
(10) 75 Concrete Curb Inlets constructed.
(11) 4 Brick Catchbasins constructed.
(12) 23 Low Pressure Hydrants moved.
(13) 12 High Pressure Hydrants moved.
(14) 72 cu. yds. Hydrant Excavation.
(15) 6300 lbs. Cast Iron Pipe and Specials.
(16) 2000 lbs. Wrought Iron Bolts, Nuts, Washers.
(17) 1000 lbs. Pig Lead furnished.
(18) 16 Street and Traffic Signs moved.
(19) 4 Electric Traffic Signals moved.
(20) 9 Fire and police boxes moved
(21) 3860 lin. ft. 1½-inch black conduit.
(22) 116,000 sq. ft. 8-inch class E concrete pavement.
(23) 67500 sq. ft. 6-inch class E concrete pavement base.
(24) 41000 sq. ft. 2-course concrete sidewalk.
(25) 2600 sq. ft. Asphalt-macadam walk, consisting of a 4-inch rock macadam base and a 1-inch asphaltic concrete wearing surface.
(26) 3100 tons Asphaltic concrete base and lev. Course.
(27) 2450 tons Asphaltic concrete wearing surface.
(28) 500 tons Aspnaltic concrete conform pavement.
(29) 160 cu. yds. Class "B" concrete.
(30) 1600 New cross walk markers in place.
(31) 17500 sq. ft. White lacquer traffic lines and zones.
(32) 15 Manhole frames and covers installed.
(33) 2 New brick manholes constructed.
(34) 80 lin. ft. 10-inch VCP Culvert.
(35) 400 lin. ft. 12-inch VCP sewer.
(36) 380 lin. ft. 15-inch VCP sewer.
(37) 11 12-inch X 8-inch Wye Branches.
(38) 13 15-inch X 8-inch Wye Branches.
(39) 440 lin. ft. 8-inch side sewers constructed.
(40) 300 lin. ft. 6-inch side sewers constructed.

Total bids follow:
(A) Lowrie Paving Co., San Francisco $103,290.60
(B) Pacific Pavements Co., Ltd., San Francisco..... 106,661.50
(C) M. J. Lynch, (do)..... 106,952.00
(D) Chas. L. Harney, (do).. 110,562.50
(E) A. G. Raisch, (do)..... 114,847.20
(F) Eaton & Smith, (do).... 118,997.20

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)....	$1.15	$1.40	$1.30	$1.10	$1.40	$1.40
(2)....	.04	.025	.03	.05	.05	.04
(3)....	.075	.10	.08	.08	.11	.06
(4)....	.03	.03	.03	.035	.04	.03
(5)....	.43	.42	.40	.35	.50	.32
(6)....	.50	.50	.50	.75	.70	.52
(7)....	1.65	2.25	1.75	1.75	1.75	2.00
(8)....	.75	.80	.80	.80	.70	.70
(9)....	40.00	49.00	50.00	50.00	50.00	50.00
(10)..	5.00	5.00	8.00	8.00	4.00	10.00
(11)..	72.50	85.00	80.00	75.00	80.00	90.00
(12)..	45.00	35.00	35.00	50.00	40.00	32.00
(13)..	50.00	40.00	50.00	50.00	40.00	32.00
(14)..	2.30	2.50	2.00	3.00	4.00	2.60
(15)..	.105	.13	.12	.10	.15	.10
(16)..	.11	.15	.12	.11	.13	.14
(17)..	.06	.06	.06	.05	.11	.06
(18)..	2.50	5.00	2.00	4.00	2.00	4.00
(19)..	50.00	52.50	50.00	75.00	50.00	60.00
(20)..	45.00	52.50	50.00	50.00	50.00	50.00
(21)..	.70	.80	.70	.65	.67	1.00
(22)..	.24	.24	.28	.29	.29	.30
(23)..	.18	.17	.165	.19	.18	.23
(24)..	.135	.12	.12	.08	.18	.15
(25)..	.08	.08	.07	.08	.10	.05
(26)..	4.25	4.40	4.00	3.85	4.04	4.15
(27)..	4.50	4.60	4.00	4.60	4.44	4.40
(28)..	4.50	4.90	4.00	4.80	4.84	4.40
(29)..	7.00	7.00	8.00	7.00	7.00	15.00
(30)..	.15	.20	.20	.25	.25	.26
(31)..	.05	.045	.03	.05	.02	.04
(32)..	23.00	25.00	25.00	30.00	25.00	32.00
(33)..	95.00	90.00	85.00	90.00	90.00	100.00
(34)..	1.00	1.25	1.50	1.65	1.50	2.60
(35)..	1.60	3.75	3.90	3.35	4.00	4.00
(36)..	1.80	4.10	4.25	5.00	5.00	4.50
(37)..	2.50	1.50	2.00	1.50	4.00	4.00
(38)..	3.00	2.50	2.50	2.50	5.00	4.00
(39)..	1.00	2.00	2.00	1.80	1.00	1.60
(40)..	1.00	1.75	1.90	1.25	1.00	1.30

CONTRACT AWARDED

CONTRA COSTA COUNTY, Calif.—Pacific States Construction Co., 708 Call Bldg., San Francisco, at $39,731, awarded contract by the State Highway Commission, Sacramento, for about 4.8 miles surfacing with plant-mixed surfacing in Contra Costa County between Route 106 and Antioch.

BIDS WANTED

GLENN COUNTY, Cal.—Until Aug. 26, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 7.4 miles grading and paving with asphalt concrete in Glenn County between Artois and Orland.

The work involves:
(1) 392 sta. clear and grub right of way;
(2) 2,450 M. gals. water;
(3) 6,500 c.y. rdwy. excav., unclass.;
(4) 850 c.y. struc. excav.;
(5) 98,000 c.y. imported borrow;
(6) 1,300 sta. yds. overhaul;
(7) 175 c.y. remove and dispose of existing concrete pavement;
(8) 12 c.y. remove and dispose of existitng concrete struc.;
(9) 392 sta. finishing rdwy.;
(10) 18,500 tons asphalt conc. (leveling course);
(11) 10,140 tons asphalt concrete, type A surface;
(12) 35 c.y. Class A Portland cement concrete (struc.);
(13) 2,000 lbs. bar reinf. steel (struc.)
(14) 636 l.f. 18-in. CMP;
(15) 148 l.f. 24-in. CMP;
(16) 546 l.f. remove, clean and relay culvert pipe;
(17) 87 l.f. remove, clean and salvage culvert pipe;
(18) 4 each move and reset headwalls
(19) 13 each guide posts;
(20) 50 each culvert markers;
(21) 40 l.f. laminated guard rail;
(22) 11.3 miles moving and resetting property fences;
(23) 2.0 miles new property fence;
(24) 3 each drive gates;
(25) 31 each monuments.

Plans and specifications may be obtained from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the offices of the District Engineers in San Francisco, Los Angeles and Marysville. 29

CONTRACT AWARDED

RIVERSIDE COUNTY, Calif. — Southern California Roads Co., 2145 E. Twenty-fifth Street, Los Angeles, at $47,555.25, awarded contract by State Division of Highways for applying road-mix surface treatment to shoulders on about 36.2 miles in Riverside County, between Hemet and Moreno and between Perris and the National Forest boundary east of Hemet.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until August 27, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 3.1 mi. grading and paving with Portland cement on Sepulveda Blvd., from Lincoln Blvd. to Centinela Ave.

The work involves:
(1) 163 sta. clear and grub right of way;
(2) 2,300 M gals. water;
(3) 107,000 cu. yds. roadway excav. unclass.;
(4) 2,600 cu. yds. struc. excav.;
(5) 400 cu. yds. ditch and channel excav.;
(6) 1,450,000 sta. yds. overhaul;
(7) 260 cu. yds. remove and dispose of exist. conc.;
(8) 74,000 sq. yds. preparing subgrade;
(9) 163 sta. finishing roadway;
(10) 4,200 cu. yds. mineral aggregate road mix. surf.);
(11) 590 tons liq. asphalt SC-2 (road mix. surf.);
(12) 50 tons liq. asphalt SC-2 (prime coat);
(13) 85 tons Grade E asphalt (membrane seal);
(14) 14,820 cu. yds. Class A Portland cem. conc. (pave.);
(15) 2 each pave. crossing devices (Type C-20);
(16) 30,000 each pave. dowels;
(17) 133,000 lbs. bar reinf. steel (pave. and strucs.);
(18) 660 cu. yds. Class A Portland cement conc. (strucs.);
(19) 35,000 lbs. steel (rail assemblies);
(20) 22,000 lbs. misc. iron and steel;
(21) 50 lin. ft. 12-in. C M P;
(22) 140 lin. ft. 15-in. C M P;
(23) 20 lin. ft. 18-in. C M P;
(24) 520 lin. ft. 24-in. C M P;
(25) 140 lin. ft. 30-in. C M P;
(26) 250 lin. ft. remove, clean and salvage C M P;
(27) 2,910 cu. yds. Class A Port. cem. conc. (curbs and gutters);
(28) 32 lin. ft. curb armor;
(29) 110 lin. ft. laminated guard railing;
(30) 80 lin. ft. pipe handrail.

The State will furnish C M P.

Plans and specifications may be obtained from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the offices of the District Engineers in Los Angeles and San Francisco.

Lake Co.—1.3-Mi. Grade & Surface, Const. Bridges—(State)

LAKE CO., Calif. — Harold Smith, 1427 Kearny St., St. Helena, at $69,-545 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.3 miles grading and surfacing with screened gravel on gravel base and constructing three timber bridges in Lake County, between Middle Creek and Rasmussen's Ranch.

The work involves:
(1) 10.5 acres clear and grub right of way;
(2) 1,560 M. gals. water;
(3) 27,700 c.y. rdwy. excav., unclass.;
(4) 695,000 sta. yds. overhaul;
(5) 1,130 c.y. struc. excav.;
(6) 665 c.y. ditch and channel excav.
(7) 66 sta. finishing roadway;
(8) 17,000 tons gravel base;
(9) 4,100 tons screened gravel (surf.)
(10) 50 tons liquid asph. SC-1A (prime coat);
(11) 17 tons liquid asphalt MC-3 (seal coat);
(12) 163 tons screenings (do);
(13) 2,560 tons screenings (stockpiles)
(14) 2,350 lbs. bar reinf. steel;
(15) 93 c.y. Class A Portland cement concrete;
(16) 54 MFBM redwood timber, dense, select, all-heart struc. grade;
(17) 24 MFBM redwood timber, select all-heart, struc. grade;
(18) 2,680 l.f. furnishing redwood piles including test piles;
(19) 101 each driving do;
(20) 230 c.y. rubble masonry;
(21) 32 l.f. 8-in. CMP;
(22) 170 l.f. 18-in. CMP;
(23) 330 l.f. 24-in. CMP;
(24) 28 l.f. 36-in. CMP;
(25) 1,050 l.f. 8-in. perf. metal pipe (underdrains);
(26) 215 c.y. rock filling material (underdrains);
(27) 30 l.f. 71.7-in. multi-plate metal arch;
(28) 180 l.f. 90-in. do;
(29) 150 l.f. 120-in. do;
(30) 30 l.f. 158.9-in. do;
(31) 4 each spillway assemblies;
(32) 16 each culvert markers;
(33) 28 each guide posts;
(34) 0.1 mile new property fence (type A);
(33) 0.3 mile do (type B);
(36) 7 each drive gates;
(37) 0.14 mile existing fence to be moved and reset;
(38) 1 only existing reinf. conc. culvert to be removed;
(39) 1 only existing concrete bridge to be removed;
(40) 700 lbs. struc. metal;
(41) 27 each monuments complete in place.

Complete bids follow:
(A) Harold Smith, St. Helena, $69,-545.00.
(B) A. T. Howe and Son, Santa Rosa, $72,993.00.
(C) N. M. Ball Sons and Larsen Bros. $78,828.00.
(D) Chas. Kuppinger, Lakeport, $94,-123.61.
E) Heafey-Moore Co., Oakland, $99-563.06.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$50.00	$200.00	$200.00	$100.00	100.00
(2)	1.00	1.00	1.50	1.50	1.50
(3)	.35	.32	.40	.32	.46
(4)	.001	.0075	.005	.01	.005
(5)	1.00	1.25	1.00	2.00	1.25
(6)	1.00	1.00	1.00	1.00	1.00
(7)	6.00	8.00	10.00	7.00	8.00
(8)	.70	.65	.80	1.00	1.55
(9)	.95	1.10	1.15	1.25	2.60
(10)	22.00	18.00	17.00	15.00	20.00
(11)	26.00	25.00	25.00	22.00	25.00
(12)	3.00	3.00	3.00	2.25	4.00
(13)	2.00	2.40	3.00	2.25	3.00
(14)	.06	.06	.06	.05	.10
(15)	25.00	23.00	25.00	22.00	23.00
(16)	90.00	90.00	100.00	80.00	94.00
(17)	90.00	90.00	100.00	75.00	100.00
(18)	.60	.60	.80	.60	.70
(19)	15.00	20.00	24.00	25.00	28.00
(20)	16.00	15.00	14.00	15.00	19.00
(21)	1.00	1.00	1.00	1.00	1.50
(22)	2.00	2.00	2.00	2.00	2.25
(23)	2.50	2.70	3.00	2.80	3.00
(24)	4.25	5.00	5.00	4.87	6.00
(25)	1.05	1.00	1.10	1.10	1.50
(26)	1.50	2.40	2.00	2.00	2.50
(27)	8.50	10.00	10.00	16.00	11.00
(28)	11.00	14.00	14.00	17.00	13.00
(29)	16.00	22.00	19.00	35.00	19.00
(30)	21.00	28.00	25.00	42.00	25.00
(31)	15.00	15.00	15.00	15.00	20.00
(32)	3.00	3.00	3.00	3.50	3.00
(33)	3.00	3.00	3.00	3.50	3.00
(34)	600.00	750.00	800.00	600.00	1200.00
(35)	700.00	750.00	800.00	700.00	800.00
(36)	23.00	20.00	25.00	25.00	20.00
(37)	400.00	500.00	500.00	350.00	400.00
(38)	45.00	250.00	150.00	50.00	250.00
(39)	480.00	1750.00	1000.00	500.00	450.00
(40)	.15	.10	.10	.12	.20
(41)	3.00	2.00	3.00	3.00	3.00

COMPLETE BIDS

ELKO COUNTY, Nev.—U. B. Lee, 1059 Carpentier St., San Leandro, Cal. as previously reported, awarded contract at $18,529 by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for asphaltic road-mix surfacing on 10.801 miles in Elko County between Elko and a point approximately 11 miles north.

The work involves:
(1) 719 tons asphaltic road material, type SC-2;
(2) 65 tons do, type MC-2;
(3) 10.80 miles road-mix;
(4) 10.80 miles finish roadway.

Complete bids follow:
(A) U. B. Lee, San Leandro, Calif., $18,529.00.
(B) Silver State Const. Co., Inc., Fallon, $18,708.00.
(C) J. A. Casson, Hayward, $19,755.
(D) Peninsula Paving Co., San Francisco, $21,201.50.
(E) Dodge Const. Co., Inc., Fallon, $22,810.
(F) J. C. Compton, McMinnville, Ore., $25,689.00.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A)	$16.00	$25.00	$450.00	$50.00
(B)	17.00	25.00	400.00	50.00
(C)	15.00	30.00	600.00	50.00
(D)	18.50	26.00	500.00	75.00
(E)	20.00	30.00	550.00	50.00
(F)	21.00	30.00	700.00	100.00

BIDS WANTED

MADERA CO., Calif.—Until August 26, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for construction of borders of plant mix surfacing and road mix surface treatment to be applied to the shoulders on about 7.3 miles of roadway between 0.6 mile and 7.9 miles north of Madera.

The work involves:
(1) 36,000 l.f. existing side forms, removed and disposed of;
(2) 5,500 tons mineral aggregate (plant mix surf.);
(3) 300 tons liquid asphalt SC-4 (do);
(4) 43,000 sq. yds. preparing, mixing and shaping shoulders;
(5) 180 tons liquid asph. SC-4 (shoulders).

Plans and specifications may be obtained from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the offices of the District Engineers in San Francisco, Los Angeles and Fresno.

BIDS WANTED

KERN COUNTY, Cal.—Until Aug. 26, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for constructing crusher run base borders, surfacing roadbed with plant-mixed surfacing, and applying road-mix surface treatment to shoulders on about 9 miles in Kern County between Bakersfield and the Mountain View School.

The work involves:
(1) 190 M. gals. water;
(2) 12,440 tons crusher run base (borders);
(3) 45 tons liquid asphalt SC-2 (seal coat, borders);
(4) 105,000 sq. yds. asphaltic paint binder;
(5) 485 tons liquid asphalt MC-5 (plant mix surf.);
(6) 11,560 tons mineral aggregate (do)
(7) 260 tons liquid asphl. SC-2 (shoulders);
(8) 32,000 sq. yds. preparing, mixing and shaping shoulders.

Plans and specifications may be obtained from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the offices of the District Engineers in San Francisco, Los Angeles and Fresno.

BIDS WANTED

MONTEREY COUNTY Calif.—Until August 26, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for surfacing with retread type surfacing and applying seal coat on portions of about 5.8 miles in Monterey County between San Ardo and King City.

The work involves:
(1) 75 tons liquid asphalt ROMC-4 (seal coat);
(2) 685 tons screenings (seal coat);
(3) 195 tons asphaltic emulsion (retread surfacing);
(4) 3,140 tons screenings (do).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Luis Obispo.

COMPLETE BID LISTING

MONO COUNTY, Cal.—Regal Oil Co., 2305 Orange Ave., Long Beach, at $1,882.40, as previously reported, submitted low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, for furnishing and applying liquid asphalt to existing roadbed on about 5.1 miles in Mono County between the easterly boundary of Yosemite National Park and 5.9 miles easterly.

The work involves 130 tons liquid asphalt, SC-2, in place.

Complete bids follow:
Regal Oil Co., Long Beach—(1) $14.48; total, $1,882.40.
Square Oil Co.—(1) $16; total, $2,080.
Lambs Transfer Co., Long Beach—(1) $17.85; total, $2,320.50.
Paulsen & March, Los Angeles—(1) $20.20; total, $2,626.

SAN DIEGO COUNTY—6.6 MI. GRADE & PAVE—STATE

SAN DIEGO COUNTY—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $279,221.95, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 6.6 miles grading and paving with asphalt concrete in San Diego County between Del Mar and Encinitas.

The work involves:
(1) Clearing and grubbing right of way;
(2) 18 each trees boxed in;
(3) 2,750 M. gals. water;
(4) 33,200 c.y. rdwy. excav., unclass.
(5) 100 c.y. ditch and channel excav.
(6) 104,000 sta. yds. overhaul;
(7) 103,000 cy imported borrow;
(8) 3,000 cy. struc. excav.;
(9) 2,200 c.y. existing concrete to be removed and disposed of;
(10) 67,100 sq. yds. subgrade for pave.
(11) 326 sta. finishing rdwy.;
(12) 1,320 tons crusher-run base;
(13) 775 tons liquid asphalt, SC-2;
(14) 95,000 sq. yds. preparing, mixing and shaping shoulders;
(15) 75,200 sq. yds. asph. paint binder;
(16) 24,305 tons asphalt concrete (base and leveling courses);
(17) 15,910 tons asphalt concrete (type "A" surface);
(18) 6,700 lbs. bar reinf. steel;
(19) 105 c.y. Class A Portland cement concrete (struc.);
(20) 430 c.y. do (curbs and gutters);
(21) 350 c.y. do (sidewalks);
(22) 424 l.f. 8-in. CMP;
(23) 58 l.f. 18-in. CMP;
(24) 1,606 l.f. 24-in. CMP;
(25) 18 each spillway assemblies;
(26) 1,200 l.f. 8-in. perf. metal pipe underdrains;
(27) 1,500 c.y. rock filling material (underdrains);
(28) 8 each cast steel covers & frames for drop inlets;
(29) 4,800 l.f. laminated guard railing;
(30) 47 each culvert markers;
(31) 117 each guide posts;
(32) 6 each existing electroliers moved and reset;
(33) 95 each monuments complete in place.

Total bids follow:
(A) Griffith Co., Los Angeles, $279,221.95.
(B) Basich Bros., Torrance, $282,644.45.
(C) W. E. Hall, Alhambra, $285,007.30.
(D) Daley Corp., San Diego, $287,450.90.
(E) Oswald Bros., Los Angeles, $294,400.55.
(F) David H. Ryan, San Diego, $295,317.95.
(G) V. R. Dennis Constr. Co., San Diego, $297,835.
(H) C. O. Sparks and Mundo Engineering Co., Los Angeles, $299,250.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$2100.00	$3000.00	$2400.00	$2500.00	$2800.00	$1000.00	$3000.00	$3000.00
(2)	8.00	50.00	75.00	10.00	5.00	7.50	25.00	50.00
(3)	1.50	1.50	1.50	2.00	1.60	1.25	1.50	1.50
(4)	.40	.30	.40	.38	.44	.28	.26	.40
(5)	1.00	1.00	.75	.90	1.10	.75	.85	1.00
(6)	.01	.01	.01	.01	.005	.01	.01	.01
(7)	.35	.45	.40	.40	.42	.43	.36	.50
(8)	1.00	1.50	1.00	.90	1.00	1.30	1.00	1.25
(9)	1.50	2.00	3.75	1.25	1.50	3.00	3.00	4.00
(10)	.12	.09	.10	.11	.11	.12	.10	.12
(11)	6.00	10.00	3.00	10.00	4.00	5.50	10.00	5.00
(12)	2.50	1.80	2.60	2.50	2.75	2.00	3.25	2.00
(13)	9.00	12.00	10.00	10.50	11.00	11.80	10.00	10.00
(14)	.05	.06	.06	.06	.055	.08	.05	.06
(15)	.015	.03	.02	.025	.02	.02	.02	.02
(16)	3.93	3.45	3.70	3.80	3.95	3.65	4.00	3.70
(17)	3.93	3.65	3.90	3.90	4.07	4.15	4.60	4.15
(18)	.05	.05	.07	.06	.06	.075	.06	.06
(19)	30.00	25.00	20.00	30.00	25.00	32.00	22.00	20.00
(20)	13.00	15.00	15.00	14.00	13.80	26.00	18.00	14.00
(21)	14.00	15.00	16.00	14.00	15.00	18.00	18.00	12.00
(22)	1.00	1.30	1.20	1.00	1.20	1.50	1.00	1.30
(23)	1.75	2.50	2.25	1.80	2.00	2.40	1.75	2.00
(24)	2.75	3.00	3.00	3.00	3.40	3.20	2.50	3.00
(25)	15.00	15.00	18.00	18.00	25.00	16.00	15.00	20.00
(26)	1.00	1.30	1.10	1.00	1.00	1.80	1.00	1.50
(27)	3.00	3.00	2.50	3.50	3.25	2.20	2.75	2.00
(28)	35.00	25.00	40.00	35.00	38.00	18.00	25.00	50.00
(29)	1.25	2.00	1.15	1.50	1.20	1.30	1.50	1.00
(30)	1.25	2.00	2.00	1.50	1.60	1.50	2.00	3.00
(31)	1.25	2.00	2.00	1.50	1.60	1.40	2.00	3.00
(32)	60.00	75.00	60.00	50.00	100.00	35.00	50.00	30.00
(33)	2.00	3.50	2.50	2.00	2.50	2.50	2.50	3.00

COMPLETE BIDS

WASHOE COUNTY, Nevada—Isbell Const. Co., 1300 E 4th St., Reno, as previously reported, awarded contract at $108,546.89 by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for constructing a portion of the State Highway System between California-Nevada State line and a point aproximately three miles north, a length of approximately 2.73 miles.

Work involves:

(1) 430 lin. ft. culvert pipe; removed
(2) 15 each culvert headwalls and inlets; removed;
(3) 9900 sq. yds. concrete pavement removed;
(4) 8779 lin. ft. fence removed;
(5) 2 trees removed;
(6) 88,800 cu. yds. roadway excav.;
(7) 328,055 yd. sta. overhaul;
(8) 9304 cu. yds. select borrow;
(9) 520 cu. yds. structure excav.;
(10) 2.73 mi. subgrade;
(11) 2.73 mi. finished roadway;
(12) 12,000 tons crushed gravel or stone surface;
(13) 125 tons asphaltic road material, Type SC2;
(14) 11 tons asphaltic road material, Type MC2;
(15) 20,623 sq. yds. roadmix;
(16) 212 cu. yds. Class "A" concrete;
(17) 9 cu. yds. Class "B" concrete;
(18) 26,900 lbs. reinf. steel;
(19) 2600 lbs. castings;
(20) 284 lin. ft. 15-in. CMP, dipped;
(21) 174 lin. ft. 18-in. CMP, dipped;
(22) 36 lin. ft. 24-in. CMP, dipped;
(23) 124 lin. ft. 30-in. CMP, dipped;
(24) 356 lin. ft. relay culvert pipe;
(25) 30 pipe culvert headwalls moved;
(26) 8733 each reconstruct fence;
(27) 2.73 mi. traffic stripe;
(28) 54 culvert markers;
(29) 3920 lin. ft. metal guard rail;
(30) 74 monuments.

Complete bids follow:

(A) Isbell Const. Co., Reno, $108,546.89
(B) Nevada Rock & Sand Co., Reno, $114,425.52.
(C) Pacific Const. Co., San Francisco, $121,896.38.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.00	$ 1.00	$ .75
(2)	10.00	6.00	7.50
(3)	.25	.25	.30
(4)	.04	.03	.03
(5)	10.00	20.00	20.00
(6)	. 75	.80	.75
(7)	.01	.01	.03
(8)	.54	.45	.65
(9)	1.50	2.00	2.00
(10)	200.00	200.00	200.00
(11)	200.00	150.00	200.00
(12)	.60	.75	1.00
(13)	17.00	17.00	18.00
(14)	50.00	25.00	20.00
(15)	.08	.08	.085
(16)	28.00	30.00	30.00
(17)	28.00	30.00	30.00
(18)	.06	.06	.07
(19)	.10	.15	.15
(20)	2.00	2.00	1.50
(21)	2.30	2.50	2.00
(22)	3.75	3.00	3.00
(23)	4.50	4.00	4.00
(24)	1.00	.75	.50
(25)	10.00	10.00	10.00
(26)	.06	.12	.10
(27)	100.00	100.00	100.00
(28)	3.50	4.00	2.50
(29)	1.30	1.25	1.25
(30)	3.50	3.00	4.00

BIDS OPENED

TULARE COUNTY, Calif.—N. M. Ball Sons Co., P. O. Box 404, Berkeley, and Larsen Bros., 5220 21st Ave., Sacramento, bidding jointly, at $155,203.10, submitted low bid to the State Highway Commission, Sacramento, for about 6.8 miles grading and surfacing with plant-mixed surfacing on a crusher run base and applying roadmix surface treatment to shoulders in Tulare County between ¼ mile south of Strathmore and Valencia St. in Lindsay, and between Eastwood Ave. in Lindsay and Cairn's Corner.

The work involves:

(1) Clearing and grubbing right of way;
(2) 4,700 M. gallons water;
(3) 35,200 c.y. rdwy. excav., unclass.;
(4) 1,100 c.y. struc. excav.;
(5) 120 c.y. ditch excav.;
(6) 42,400 c.y. imported borrow;
(7) 263,000 sta. yds. overhaul;
(8) 362 sta. finishing rdwy.;
(9) 23,900 tons crusher run base;
(10) 12,120 tons mineral agg. (plant-mixed surf.);
(11) 609 tons liquid asphalt MC-4 or MC-5 or MC-extra heavy (do);
(12) 4,920 sq. yds. asph. paint binder;
(13) 175 tons liquid asph. SC-2 (prime coat);
(14) 660 tons liquid asphalt SC-2 (road mix surf. treatment);
(15) 81,000 sq. yds. preparing, mixing and shaping shoulders and road approaches;
(16) 360 c.y. remove and dispose of existing concrete;
(17) 4,100 lbs. bar reinf. steel;
(18) 230 c.y. Class A Portland cement concrete (struc.);
(19) 30 l.f. 8-in. CMP;
(20) 152 l.f. 12-in. CMP;
(21) 54 l.f. 18-in. CMP;
(22) 450 l.f. 24-in. CMP;
(23) 312 l.f. 24-in. CMP (close riveted and soldered);
(24) 16 l.f. 12-in. perf. metal pipe;
(25) 72 l.f. 26x6½-in. part circle CM culvert;
(26) 630 l.f. 36x12¼-in. do;
(27) 4 c.y. Class A Portland cement concrete (curbs and sidewalks);
(28) 34 each culvert markers;
(29) 80 each guide posts;
(30) 14 c.y. drainage sump;
(31) 2 each drop inlet frames and grates;
(32) 9 ea. manholes adjusted to grade
(33) 76 each monuments.

NOTE: The State will furnish corrugated metal pipe, perforated metal pipe, and part circle corrugated metal culverts as more explicitly set forth in the special provisions.

Total bids follow:

(A) N. M. Ball Sons Co., Berkeley and Larsen Bros., Sacramento.....$155,203.10
(B) Union Paving Co., S.F... 156,757.40
(C) Hanrahan Co., (do)..... 161,228.50

Unit bids follow:

	(A)	(B)	(C)
(1)	$6500.00	$9500.00	$6000.00
(2)	1.60	.60	1.00
(3)	.31	.25	.32
(4)	1.30	1.00	.90
(5)	1.20	1.00	.80
(6)	.48	.45	.45
(7)	.0075	.005	.0075
(8)	7.00	6.00	7.50
(9)	1.85	2.11	1.89
(10)	2.20	2.30	2.27
(11)	18.00	20.00	20.00
(12)	.04	.02	.02
(13)	13.00	11.00	18.00
(14)	11.50	11.00	18.00
(15)	.055	.06	.06
(16)	2.50	3.00	2.25
(17)	.06	.06	.06
(18)	19.00	18.00	28.00
(19)	.25	.25	.30
(20)	.30	.30	.30
(21)	.60	.35	.40
(22)	.65	.50	.50
(23)	.65	.50	.70
(24)	.50	.25	.40
(25)	.50	.50	.60
(26)	.60	.60	.70
(27)	20.00	25.00	35.00
(28)	3.00	2.50	2.50
(29)	3.00	2.50	2.00
(30)	5.00	10.00	10.00
(31)	50.00	40.00	60.00
(32)	20.00	10.00	20.00
(33)	2.50	2.50	3.00

COMPLETE BIDS

WASHOE, Storey and Lyon Cos., Nev.—U. B. Lee, 1059 Carpentier St., San Leandro, Calif., as previously reported, awarded contract at $43,302.50, by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for asphaltic road-mix surfacing of 13.23 miles in Washoe, Storey and Lyon Counties, between Junction Route 3 near Brown's Station to a point approximately 8 miles southeast (Geiger Grade) and Virginia City to Silver City.

Work involves:

(1) 310 cu. yds. structures excav.;
(2) 13.23 mi. finish roadway;
(3) 9680 ton crushed gravel or stone surface;
(4) 1003 ton asphaltic road material, Type SC2;
(5) 84 ton asphaltic road material, Type MC2;
(6) 13.23 mi. roadmix;
(7) 11 cu. yds. Class "B" concrete;
(8) 455 lbs. reinf. steel;
(9) 4550 lbs. casting;
(10) .58 mile reshape rdwy.;
(11) 24 l.f. 8-in. CMP, dipped;
(12) 638 l.f. 15-in. do;
(13) 100 l.f. 36-in. do;
(14) 1 embankment protector;
(15) 9 culvert markers;
(16) 201 guide posts.

Complete bids follow:

(A) U. B. Lee, San Leandro, Calif., $43,302.50.
(B) J. A. Casson, Hayward, Cal., $44-241.50.
(C) Pacific Const. Co., San Francisco, $45,868.50.
(D) J. C. Compton, McMinnville, Ore., $49,917.00.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.50	$ 2.00	$ 1.50	$ 2.00
(2)	50.00	100.00	100.00	200.00
(3)	1.25	1.25	1.00	1.00
(4)	18.00	16.00	21.00	21.00
(5)	25.00	30.00	30.00	30.00
(6)	500.00	600.00	500.00	650.00
(7)	30.00	30.00	30.00	40.00
(8)	.10	.10	.10	.10
(9)	.15	.20	.20	.20
(10)	100.00	200.00	200.00	200.00
(11)	1.00	1.00	1.25	3.00
(12)	1.50	1.50	1.75	2.00
(13)	4.00	5.00	6.00	5.00
(14)	20.00	20.00	20.00	150.00
(15)	2.00	2.00	3.00	4.00
(16)	2.00	2.00	2.50	3.00

BIDS WANTED

SANTA BARBARA COUNTY, Cal.—Until August 18, 2 p.m., bids will be received by State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying armor coat to existing pavement on about 4.6 miles in Santa Barbara Co., between 4.8 miles east of Guadalupe and Santa Maria River.

Specifications may be obtained on application to above. 29

BIDS WANTED

COCONINO COUNTY, Ariz.—Until August 21, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Flagstaff-Fredonia Highway, F.A. 95-J (1937) A.F.E. 8963.

The work, which is to begin about 22½ miles northeast of Flagstaff and extend 5½ miles northeasterly, consists of the grading, draining and placing of base course, and is to be completed on or before January 15, 1937.

The principal items and approximate quantities are:

30,270 cu. yds. roadway excavation;
385 cu. yds. structure excavation;
29,850 sta. yds. overhaul;
51,800 cu. yds. imported borrow;
11,000 cu. yds. A B C;
650 hours rolling;

180 cu. yds. concrete;
13,200 lbs. reinforcing steel;
1,134 lin. ft. corrugated metal pipe of various sizes;
58,000 lin. ft. wire line fence;
550 tons stockpiling A B C.

BIDS WANTED

SAN DIEGO COUNTY, Calif.—Until August 18, 2 p.m., bids will be received by the Division of Highways, E. E. Wallace, District Engineer, 136 Harbor St., San Diego, for furnishing and applying liquid asphalt to shoulders on about 7.1 miles in San Diego County between the north city limits of San Diego and Linda Vista Road.

The work involves 310 tons liqu asphalt, SC-2.

Plans and specifications obtainab' from the above office.

BIDS WANTED

HUMBOLDT & TRINITY COUNTIES, Calif.—Until August 19, 2 p.m. (date extended from August 5), bids will be received by the State Highway Commission, C. H. Purcell, Chief Engineer, Public Works Bldg., Sacramento, for about 0.7 mile grading and removing existing timber bridges in Humboldt and Trinity Counties between 3.15 and 5.25 miles east of Blue Lake and at Gray Creek.

Los Angeles and Eureka. * 29

The work involves:
(1) Clearing and grubbing;
(2) 9175 cu. yds. roadway excavation, unclass.;
(3) 2600 sta. yds. overhaul;
(4) 990 cu. yds. struc. excav.;
(5) 35 sta. finnshing roadway;
(6) 520 cu. yds. Class A Portland cement concrete (strucs.);
(7) 71 cu. yds. Class A Portland cement concrete (footing blocks);
(8) 69,000 lbs. bar reinf. steel;
(9) 109 M. ft. b.m. Redwood timber dense, select, all heart, struc. grade;
(10) 35.5 M ft. b.m. measure Redwood timber select, all-heart, struc. grade;
(11) 60,000 lbs. struc. metal;
(12) 30 cu. yds. dry rubble;
(13) 30 cu. yds. light riprap;
(14) 34 lin. ft. 12-in. CMP;
(15) 100 lin. ft. 18-in. CMP;
(16) 110 lin. ft. 36-in. CMP;
(17) 4 each, exist. timber bridges to be removed;
(18) 1 lot misc. bridge items.

NOTE:—The State will furnish corrugated metal pipe, etc., as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box, 1499, Sacramento, and on file at the office of the District Engineer in San Fran- Los Angeles and Eureka.

BIDS WANTED

TULARE COUNTY, Calif.—Until August 26, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for constructing borders of plant mixed surfacing, and road mix surface treatment to be applied to shoulders on about 13.8 miles of roadway located between Kingsburg and 12.2 miles southerl and between 0.6 mile and 2.4 miles south of Goshen Subway.

The work involves:
(1) 146,000 lin. ft. exist. side forms removed and disposed of;
(2) 10,300 tons mineral aggregate (plant mix surf.);
(3) 550 tons liq. asphalt SC-4 (plant-mix surf.);
(4) 81,100 sq. yds. preparing, mixing and shaping shoulders;
(5) 170 tons liq. asphalt SC-4 (shoulders).

Plans and specifications may be obtained from the office of the State Highway Engineer, P. O. Box 1499 Sacramento, and are on file at the offices of the District Engineers in Los Angeles, San Francisco and Fresno.

BIDS OPENED

SAN LEANDRO, Alameda Co., Cal.—Independent Const. Co., 46th Ave. and Clement St., Oakland, at $2721.50 submitted low bid to San Leandro City Council for repaving Washington Ave. from Davis Street to Hepburn Street.

The work involves:
(1) 28,000 sq. ft. asphaltic surface, remove and dispose of;
(2) 3,112 sq. yds. prepare subgrade;
(3) 3,112 sq. yds. asph. paint binder;
(4) 277 tons natural rock asphalt;
(5) 42 tons natural rock asphalt seal coat.

Complete bids follow:
(A) Independent Const. Co., Oakland, $2721.50.
(B) Heafey-Moore Co., Oakland, $2,-872.40.
(C) P. L. Burr, San Francisco, $2,-998.21.

Unit prices follow:

	(A)	(B)	(C)
(1)	$ .02	$ .025	$ .035
(2)	.05	.04	.05
(3)	.03	.035	.03
(4)	5.85	5.90	5.25
(5)	6.98	7.25	7.50

Bids will be referred to State Division of Highways for approval.

BIDS OPENED

SAN RAFAEL, Marin Co., Calif.—Following bids received by the San Rafael City Council for furnishing metal pipe culvert and couplers for storm drain repairs on Lincoln Ave.:
(A) California Corrugated Culvert Co., Berkeley.
(B) Western Pipe & Steel Co., San Francisco.
(1) 172 l.f. 12-in. CMP: (A) $1.09; (B) $1.10;
(2) 756 l.f. 24-in. CMP: (A) $2.45; (B) $2.47;
(3) 4 each 12-in. band couplers: (A) $1.78; (B) $1.80;
(4) 12 each, 16-in. do: (A) $2.41; (B) $2.02;
(5) 11 each 18-in. do: (A) $2.22; (B) $2.24;
(6) 30 each, 24-in. do; (A) $2.71; (B) $2.74.

Bids held under advisement.

Contract for furnishing rock, sand, cement and reinforcing steel awarded to McPhail Fuel Co., San Rafael.

BIDS OPENED

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Identical low bids at $2305.90 submitted to South San Francisco City Council for furnishing pipe and fittings by the following: General Machinery and Supply Co., Petroleum Equipment Co., United Pipe and Supply Co., Dalziel-Moller Co., Tay-Holrook Co., Walworth California Co., Crane Co., Olsen & Heffernan. Grinnell Company bid $2336.02.

Following are the items to be furnished:
(1) 730 lin. ft. 4-in. cast iron pipe;
(2) 2335 lin. ft. 3-in. galv. wrought steel pipe;
(3) 1385 lin. ft. 2-in. galvanized wrought steel pipe;
(4) 2260 lin. ft. 1½-in. galv. wrought steel pipe;
(5) 66 pcs ¾-in. galv. wrought steel pipe, each 3-ft. 6-in. long;
(6) 2 4-in. hydrants;
(7) One 6x6x6-in. cast iron tee;
(8) One 4x4x4-in. cast iron tee;
(9) 6 4-in. gate valves;
(10) 4 8-in. gate valves;
(11) One 3x3x3-in. malleable iron tee
(12) One 3x3x1½-in. malleable iron tee;
(13) One 2x1½ 1½-in. malleable iron
(14) 16 2x2x¾-in. do; tee;
(15) 25 1½x1½x¾-in. malleable iron tees;
(16) One 3x1½-in. cross;
(17) 2 3-in. malleable iron 45° elbows
(18) 2 2-in. do;
(19) 3 2x1½-in. malleable iron reducing elbows;
(20) 6 3x2-in. malleable iron bushings
(21) One 2x½-in. do;
(22) 6 2-in. malleable iron unions;
(23) 11 1½-in. do;
(24) 4 4-in. plugs.

Bids taken under advisement until the next meeting, August 17.

NEW BIDS WANTED

GILROY, Santa Clara Co., Cal.—Until Sept. 8, 8 P. M., new bids will be received by Gilroy City Council, E. F. Rogers, City Clerk, City Hall, for improvement of Old Gilroy Street from Monterey Street to the city limits. Bids received Aug. 3 were rejected.

The work involves:
(1) 763 tons asphaltic concrete leveling course;
(2) 763 tons asphaltic concrete surface course;
(3) 737 tons crusher run base;
(4) 39,312 sq. ft. dust oiled shoulders.

Complete bids follow:
(A) Union Paving Co., San Francisco $11,567.99.
(B) A. J. Raisch, San Jose, $12,103.21

Unit prices follow:

	(A)	(B)
(1)	$5.25	$6.30
(2)	5.50	6.60
(3)	3.50	2.00
(4)	.02	.02

BIDS OPENED

SACRAMENTO COUNTY, Calif.—Until August 26, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for surfacing with bituminous treated, plant-mixed surfacing about 1.2 miles between H Street subway and Auburn Blvd., and about 4.1 miles to be surfaced with crusher run base.

The work involves:
(1) 22,000 tons crusher run base;
(2) 650 M gals. water;
(3) 2,550 tons mineral aggregate (bituminous treated surf.);
(4) 150 tons asphaltic emulsion (bituminous treated surfacing);
(5) 10 tons asphaltic emulsion (paint binder and seal coat);
(6) 55 tons liq. asphalt 90-95 (seal coat);
(9) 700 tons screenings (seal coat).

Plans and specifications may be obtained from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the offices of the District Engineers in San Francisco, Marysville and Los Angeles. * 29

BIDS WANTED

SAN DIEGO AND IMPERIAL COUNTIES, Calif.—Until August 27, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for placing plant mix surfacing over existing pavement at various locations between 2.0 miles east of Alpine and 0.2 mile east of the San Diego Imperial County line. Shoulders to be constructed and road mix surface treatment applied on a net length of about 8.4 miles.

The work involves:
(1) 190 M gals. water;
(2) 5,500 cu. yds. imported borrow;
(3) 441 sta. finishing roadway;
(4) 8,450 tons mineral aggregate (plant mix. surf.);
(5) 340 tons liq. asphalt MC-5 or MC-extra heavy;

(6) 99,500 sq. yds. asphaltic paint binder;
(7) 500 tons liq. asphalt SC-2 (shoulders);
(8) 79,000 sq. yds. prepare, mix, and shape shoulders.

Plans and specifications may be obtained from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the offices of the District Engineers in San Diego, San Francisco and Los Angeles.

BIDS WANTED

COLUSA COUNTY, Calif.—Until August 26, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for widening and surfacing with gravel and seal coat about 5.4 miles of roadway between Williams and 5.4 miles west of Williams.

The work involves:
(1) 800 M gals. water;
(2) 288 sta. finishing roadway;
(3) 20,000 cu. yds. gravel surf.;
(4) 48 tons liq. asphalt SC-2 (prime coat);
(5) 70 tons liq. asphalt 90-95 (seal coat);
(6) 65 tons sand (prime coat);
(7) 850 tons screenings (seal coat);

Plans and specifications may be obtained from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and are on file at the offices of the District Engineers in San Francisco, Marysville and Los Angeles.

COMPLETE BID LISTING

SAN BERNARDINO COUNTY, Cal.—Matich Bros., Elsinore, at $38,362.50, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to shoulders on about 36 miles in San Bernardino County, between Victorville and Barstow.

The work involves:
(1) 2300 tons liquid asphalt, SC-4;
(2) 275,000 sq. yds. preparing, mixing, and shaping shoulders.

Complete bids follow:
Matich Bros., Elsinore: (1) $11; (2) $0.0745; total, $38,362.50.
R. E. Hazard & Sons, San Diego: (1) $12; (2) $0.0475; total, $40,662.50.
Oilfields Trucking Co., Bakersfield: (1) $11.81; (2) $0.06; total, $43,663.
Clyde W. Wood, Stockton: (1) $12.75; (2) $0.06; total, $45,825.

BIDS WANTED

WATSONVILLE, Santa Cruz Co.—Until August 11, 7:30 p.m., as previously reported, bids will be received by the Watsonville City Council, M. M. Swisher, City Clerk, City Hall, 268 Main St., Watsonville, for widening the roadway by setting back the curbs two feet on each side and removal of existing pavement on East Lake Ave., bet. Main Street and Station 22+12.3, and rebuilding the same to required crown and grade from salvaged material and such new material as may be needed, together with the reconstruction of certain manholes, driveways, curbs, gutters, sidewalks, electrolier bases and conduits.

The work involves:
(1) 534.5 c.y. concrete removal;
(2) 3,536.6 sq. ft. concrete sidewalks;
(3) 3,538.6 l. ft. concrete curb;
(4) 30,688.2 sq. ft. concrete gutter;
(5) 69,871 sq. ft. bituminous paving;
(6) 660 l. f. depressed curb;
(7) 2,829 sq. ft. driveway approaches;
(8) 8 manholes;
(9) One catch basin;
(10) 86 bbls. fuel oil;
(11) 335 tons crusher run base;
(12) 58 c.y. removal of unsuitable material;
(13) One electrolier system.

Work will be financed by the city's share of State gasoline tax funds. Estimated cost, $23,000.

Plans and specifications obtainable from the office of City Engineer Bert Kitchen.

Union Paving Co., Call Bldg., San Francisco, and the Granite Construction Co., Bin No. 9, Watsonville, have procured plans and specifications.

COMPLETE BID LISTING

SAN BERNARDINO COUNTY, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $43,186, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for surfacing wth plant-mixed surfacing, slow curing type, and applying seal coat thereto, on about 18.3 miles in San Bernardino County, bet. Upland and San Bernardino and bet. Redlands and the National Forest boundary.

The work involves:
(1) 295,000 sq. yds. asphaltic paint binder;
(2) 13,100 tons mineral agg. (plant-mix surf.);
(3) 700 tons liquid asphalt SC-4 (do);
(4) 140 tons asphaltic emulsion (seal coat);
(5) 800 c.y. sand (seal coat).

Total bids follow:
(A) Oswald Bros., Los Angeles, $43,186.
(B) Geo. Herz & Co., San Bernardino, $48,457.

Unit bids follow:

	(A)	(B)
(1)	$ .012	$ .018
(2)	2.10	2.37
(3)	10.88	11.00
(4)	20.00	20.00
(5)	2.15	2.00

COMPLETE BID LISTING

RIVERSIDE COUNTY, Calif. — Southern California Roads Co., 2145 E. 25th St., Los Angeles, at $47,555.25, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to shoulders on about 36.2 miles in Riverside County, between Hemet and Moreno and between Perris and the National Forest boundary east of Hemet.

The work involves:
(1) 2785 tons liquid asphalt, SC-4;
(2) 338,000 sq. yds. preparing, mixing, and shaping shoulders.

Complete bids follow:
Southern California Roads Co., Los Angeles (1) $11.25; (2) $.048; total, $47,555.25.
Oilfields Trucking Co., Bakersfield, (1) $11.75; (2) $.05; tot'l, $49,623.75.
A. S. Vinnell Co., Los Angeles, (1) $11.75; (2) $.052; total, $50,299.75.
Clyde W. Wood, Stockton, (1) $12.00; (2) $.06; total, $53,700.
Basich Bros., Torrance, (1) $12.00; (2) $.07; total, $57,080.

BIDS OPENED

DEL NORTE COUNTY, Calif.—D. McDonald, 204 23rd St., Sacramento, at $131,143.10 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 57 miles grading, surfacing with screened gravel on a gravel base, and constructing timber bridges in Del Norte County, between Winton Corners and the Oregon State Line.

The work involves:
(1) 21 acres clear and grub, right of way;
(2) 2,500 M. gals. water;
(3) 71,000 c.y. rdwy. excav., unclass.;
(4) 2,480 c.y. struc. excav.;
(5) 2,750 c.y. ditch and channel excavation;
(6) 225,000 sta. yds. overhaul;
(7) 3,650 c.y. imported borrow;
(8) 300 sta. finishing rdwy.;
(9) 47,000 tons gravel base;
(10) 15,150 tons screened gravel (surf.)
(11) 200 tons of liquid asphalt SC-1A (prime coat);
(12) 70 tons liquid asphalt MC-3 (seal coat);
(13) 835 tons screenings (seal coat);
(14) 15,500 lbs. bar reinf. steel;
(15) 120 c.y. Class A Portland cement concrete (struc.);
(16) 52.5 MFBM redwood timber, select, dense, all-heart, structural grade;
(17) 29 MFBM redwood timber, select, all-heart, struc. grade;
(18) 2,690 l.f. furnishing treated Douglas fir piles, including test piles;
(19) 71 each driving piles, including test piles;
(20) 490 l.f. 8-in. CMP;
(21) 76 l.f. 12-in. CMP;
(22) 720 l.f. 18-in. CMP;
(23) 250 l.f. 24-in. CMP;
(24) 112 l.f. 30-in. CMP;
(25) 226 l.f. 36-in. CMP;
(26) 280 l.f. 48-in. CMP;
(27) 50 l.f. 60-in. CMP;
(28) 15 each spillway assemblies;
(29) 1,650 l.f. 8-in. perf. metal pipe (underdrains);
(30) 450 c.y. rock filling material;
(31) 0.38 mile Type A property fence;
(32) 0.55 mile Type B do;
(33) 5 each drive gates;
(34) 0.8 mile removing and disposing of property fences;
(35) 280 each guide posts;
(36) 52 each culvert markers;
(37) 65 each monuments complete in place.

Complete bids follow:
(A) D. McDonald, Sacramento, $131,143.10.
(B) N. M. Ball Sons, Berkeley, $135,879.45.

Unit bids follow:

	(A)	(B)
(1)	$150.00	$100.00
(2)	1.50	1.50
(3)	.35	.36
(4)	1.50	1.30
(5)	.80	1.00
(6)	.005	.01
(7)	.60	.65
(8)	10.00	8.00
(9)	.70	.75
(10)	1.00	.95
(11)	23.00	26.00
(12)	30.00	35.00
(13)	3.50	2.50
(14)	.06	.10
(15)	25.00	30.00
(16)	120.00	105.00
(17)	100.00	105.00
(18)	.80	.90
(19)	35.00	30.00
(20)	1.00	1.10
(21)	1.50	1.50
(22)	2.00	2.25
(23)	2.80	3.00
(24)	3.60	3.75
(25)	5.50	5.30
(26)	8.00	10.55
(27)	12.00	16.01
(28)	15.00	15.41
(29)	1.00	1.36
(30)	2.00	2.00
(31)	600.00	600.00
(32)	500.00	700.00
(33)	25.00	20.00
(34)	200.00	200.00
(35)	2.20	3.00
(36)	2.20	3.00
(37)	3.00	3.00

BIDS OPENED

YOLO COUNTY, Cal.—E. A. Forde, 640 Redhill Ave., San Anselmo, at $41,679.50 submitted low bid to the State Highway Commission, Sacramento for about 4.4 miles surfacing with plant-mixed surfacing and constructing untreated crushed gravel or stone borders in Yolo County between Willow Slough and Woodland.

The work involves:
(1) 60 M. gals. water;
(2) 2,550 tons untreated crush. gravel or stone (borders);

(3) 8,050 tons mineral aggregate (plant mixed surf.);
(4) 360 tons liquid asphalt ROMC-4 (plant-mixed surf.);
(5) 37 tons liquid asphalt MC-3 (seal coat);
(6) 400 tons sand (seal coat);
(7) 52,000 sq. yds. asph. paint binder.

Total bids follow:
(A) E. A. Forde, San Anselmo, $41,-679.50.
(B) Heafey-Moore Co., Oakland, $42,-702.50.
(C) Independent Const. Co., Ltd. Oakland, $46,234.00.
(D) A. Teichert & Son, Inc., Sacramento, $47,980.00.
(E) Pacific States Const. Co., S. F., $49,928.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$1.50	$4.00	$3.00	$2.00	$4.00
(2)	2.25	2.25	2.50	2.50	2.75
(3)	3.35	3.50	3.58	4.00	4.00
(4)	18.00	15.00	21.00	17.00	20.00
(5)	18.50	30.00	20.00	25.00	28.00
(6)	2.35	2.50	2.25	3.00	3.00
(7)	.015	.02	.03	.02	.02

BIDS OPENED

SANTA CRUZ COUNTY, Cal—Earl W. Heple, 494 Delmas Ave., San Jose, at $18,046 submittted low bid to the State Highway Commission, Sacramento, for widening a portion with Portland cement concrete pavement, sidewalk and curb, and surfacing a portion with notural rock asphalt, on abou 0.8 of a mile in the City of Santa Cruz, on Ocean Street bet. Pryce and Water Streets, and on Mission St. bet. Bay and Younglove Streets.

The work involves:
(1) 650 c.y. rdwy. excav., unclass.;
(2) 320 c.y. ditch excav.;
(3) 580 tons crusher run base;
(4) 410 c.y. concrete removal;
(5) 560 tons natural rock asphalt;
(6) 1 ton asphaltic emulsion (prime coat);
(7) 7,350 sq. yds. asphaltic paint binder;
(8) 700 lbs. bar reinf. steel (pave.);
(9) 310 c.y. Class A Portland cement concrete (pavement);
(10) 416 each pavement dowels;
(11) 220 c.y. Class A Portland cement concrete (sidewalks and curbs);
(12) 5,800 sq. ft. rubble masonry;
(13) 7,350 sq. yds. removing bituminous surf.;
(14) 30 each meter boxes moved and reset;
(15) 30 each sewer vents moved and reset;
(16) 1 each drop inlet.

Total bids follow:
(A) Earl W. Heple, San Jose, $18,-046.00.
(B) Clausen - Embleton Co., Albany, $18,810.05.
(C) Granite Const. Co., Ltd., Watsonville, $18,959.55.
(D) L. C. Seidel, Oakland, $21,969.80.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .75	$ 1.00	$ .75	$ 1.00
(2)	.75	1.25	.30	1.40
(3)	3.00	2.75	3.40	3.70
(4)	4.00	2.50	2.85	4.00
(5)	4.50	5.00	5.60	5.30
(6)	40.00	45.00	40.00	50.00
(7)	.01	.04	.015	.03
(8)	.06	.10	.07	.10
(9)	10.00	14.00	13.50	14.00
(10)	.50	.30	.30	.30
(11)	20.00	17.00	20.00	19.00
(12)	.40	.30	.35	.60
(13)	.10	.175	.05	.15
(14)	8.00	10.00	12.00	5.00
(15)	8.00	10.00	12.00	10.00
(16)	20.00	100.00	73.00	100.00

COMPLETE BID LISTING

YOLO COUNTY, Calif.—A. Teichert & Son, Inc., P.O. Box 1118, 1846 37th Ave., Sacramento, at $13,974.45, as previously reported submtited low bid to the Division of Highways C. H. Whitmore, District Engineer, 703 B St., Marysville, for about 0.2 mile paving with crusher run base, stabilized base and plant-mixed bituminous treated surfacing in the city of Woodland, Yolo County, between Second and Elm Streets.

The work involves:
(1) 1,160 c.y. existing pavement and subgrade material to be removed;
(2) 977 tons crusher run base;
(3) 950 tons mineral aggregate (stabilized base);
(4) 29 tons asphaltic emulsion (do);
(5) 460 tons mineral aggregate (bituminous treated surfacing);
(6) 29 tons asphaltic emulsion (do);
(7) 3.5 tons asphaltic emulsion (tack coat).

Total bids follow:
(A) A. Teichert & Son, Inc., Sacramento—$13,974.45.
(B) Pacific States Constr. Co., San Francisco—$14,804.70.

Unit bids follow:

	(A)	(B)
(1)	$ 4.40	$ 3.50
(2)	2.85	3.10
(3)	2.90	3.70
(4)	22.00	25.00
(5)	4.30	5.60
(6)	22.00	25.00
(7)	22.00	50.00

UNIT BID LISTING

SAN BERNARDINO CO., Cal.—Basich Bros., 20550 Normandie Avenue, Torrance, at $22,569.70, as previously reported, submitted the only bid received by the State Highway Engineer, Los Angeles, for the construction of two timber trestles, constructing and surfacing approaches with salvaged material and applying Class B seal coat on about 0.4 mile in San Bernardino County between Amboy and 17 miles easterly.

The work involves:
(1) 850 M. gals. water;
(2) 12,700 c.y. rdwy. excav., unclass.;
(3) 330 c.y. struc. excav.;
(4) 22.5 sta. finishing rdwy.;
(5) 600 c.y. salvaged surf.;
(6) 58 tons liquid asphalt SC-2 (road-mix surf. treatment);
(7) 4,800 sq. yds. preparing, mixing and shaping detours;
(8) 4,200 sq. yds. preparing, mixing and shaping roadbed;
(9) 5 tons liquid asphalt 90-95 (seal coat);
(10) 53 tons screenings (seal coat);
(11) 33 MFBM redwood timber, dense select, all-heart struc. grade;
(12) 29 MFBM redwood timber, select, all-heart struc. grade;
(13) 1,532 l.f. furnishing treated Douglas fir piles;
(14) 90 each driving piles;
(15) 42 l.f. 24-in. CMP;
(16) 14 each monuments complete in place.

Unit bids follow:

(1)	$4.00	(9)	$30.00
(2)	.35	(10)	5.00
(3)	1.25	(11)	120.00
(4)	10.00	(12)	120.00
(5)	1.00	(13)	.85
(6)	14.00	(14)	30.00
(7)	.08	(15)	1.00
(8)	.08	(16)	4.00

BIDS OPENED

LOS ANGELES COUNTY, Cal.—G. R. Curtis Paving Co., 2440 E 26th St., Los Angeles, at $74,467.60, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 1.8 mi. grading and paving with asphalt concrete in Los Angeles County on Cerritos Avenue between Firestone Blvd. and Telegraph Road.

The work involves:
(1) 96 sta. clear and grub right of way;
(2) 600 M. gals. water;
(3) 250 c.y. remove existing concrete;
(4) 30,000 c.y. rdwy. excav., unclass.
(5) 250 c.y. struc. excav.;
(6) 70,000 sta. yds. overhaul;
(7) 11,500 tons imported subgrade material;
(8) 32,000 sq. yds. preparing subgrade
(9) 96 sta. finishing rdwy.;
(10) 6 tons liquid asph. MC-2 (prime coat);
(11) 1,500 tons mineral agg. (plant-mix surface);
(12) 80 tons liquid asphalt MC-4 or MC-5 (do);
(13) 15,000 sq. yds. preparing, mixing and shaping shoulders;
(14) 16 tons liquid asph. SC-2 (prime coat);
(15) 150 tons liquid asph. SC-2 (road-mix surf. treatment);
(16) 9,700 tons asphalt concrete (base and leveling course);
(17) 3,700 tons asphalt concrete (type "A" surf. course);
(18) 3,600 sq. yds. asph. paint binder;
(19) 6,000 lbs. bar reinf. steel;
(20) 65 c.y. Class A Portland cement concrete (struc.);
(21) 3,200 lbs. misc. iron and steel;
(22) 300 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks and driveways);
(23) 7 each culvert markers;
(24) 5 each adjust manholes to grade;
(25) 18 each moving and replanting palm trees;
(26) 20 each monuments.

Total bids follow:
(A) George R. Curtis Paving Co., Los Angeles, $74,467.60.
(B) Oswald Bros., Los Angeles, $83,-191.00.
(C) Griffith Co., Los Angeles, $85,394.
(D) Southern Calif. Roads Co., Los Angeles, $85,727.00.
(E) United Concrete Pipe Corp., Los Angeles, $91,509.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$16.80	$35.00	$21.00	$21.50	$30.00
(2)	2.40	1.50	2.00	2.00	1.25
(3)	1.80	2.00	1.25	2.50	2.00
(4)	.30	.37	.31	.40	.45
(5)	1.00	1.00	1.50	.90	.70
(6)	.01	.01	.005	.01	.01
(7)	1.00	1.10	1.00	1.00	.95
(8)	.09	.08	.10	.08	.10
(9)	5.00	4.00	4.00	5.00	10.00
(10)	19.50	18.50	18.00	20.00	25.00
(11)	2.16	2.25	1.90	2.75	2.50
(12)	14.50	11.50	12.00	13.50	14.00
(13)	.05	.05	.06	.05	.06
(14)	13.00	13.00	8.00	7.00	20.00
(15)	7.20	7.35	8.00	7.00	10.00
(16)	2.47	2.82	3.30	3.00	3.25
(17)	2.76	3.12	3.36	3.25	3.40
(18)	.015	.025	.02	.02	.02
(19)	.045	.05	.05	.055	.06
(20)	18.00	20.00	24.00	20.00	18.00
(21)	.14	.15	.15	.15	.20
(22)	10.60	10.00	11.50	11.50	12.00
(23)	2.40	2.50	1.50	2.00	3.00
(24)	10.00	10.00	82.00	25.00	5.00
(25)	10.00	7.50	12.00	10.00	7.00
(26)	3.00	2.50	2.00	3.00	3.00

BIDS WANTED

ELKO COUNTY, Nev.—Until August 25, 2 p.m., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading 3.480 miles of Section A, Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko County, Nevada.

The work involves:
(1) 111,300 c.y. unclassified excavation;
(2) 2,700 c.y. unclassified excavation for borrow;
(3) 1,850 c.y. unclassified excavation for structures;
(4) 302,500 sta. yds. overhaul;
(5) 465 c.y. foundation fill;
(6) 21 c.y. concrete;
(7) 1 ea. spillway inlet;
(8) 580 lbs. reinforcing steel;
(9) 1,292 l.f. CMP (8-in. to 42-in.);
(10) 200 l.f. corrugated galvanized multiplate metal pipe (105-in. and 120-in.);
(11) 340 c.y. hand-laid riprap;

(12) 100 c.y. hand-laid rock embankment;
(13) 42 ea. culvert markers;
(14) 28 ea. R/W monuments.

Plans and specifications may be obtained from above office on deposit of $10.

COMPLETE BID LISTING

SAN BERNARDINO COUNTY, Cal. —George Herz & Co., Platt Bldg., San Bernardino, at $31,813.60, as previously reported, submitted low bid to the State Highway Engineer, Los Angeles, for about 9.9 miles surfacing with plant-mixed surfacing, slow curing type, and applying seal coat thereto, in San Bernardino County, between Cajon Pass Summit and Victorville.

The work involves:
(1) 150,500 sq. yds. asphaltic paint binder;
(2) 7,800 tons mineral agg. (plant-mix surface);
(3) 400 tons liquid asph. SC-4 (do);
(4) 105 tons asphaltic emulsion (seal coat);
(5) 604 cu. yds. sand (seal coat).

Total bids follow:
(A) Geo. Herz & Co., San Bernardino, $31,813.60.
(B) Oswald Bros., Los Angeles, $34,-944.
(C) Southwest Paving Co., Roscoe, $35,343.50.

	(A)	(B)	(C)
(1)	$ .018	$ .012	$ .015
(2)	2.57	3.15	3.15
(3)	12.00	11.00	10.00
(4)	21.00	21.00	20.00
(5)	3.40	3.25	4.00

COMPLETE BID LISTING

TEHAMA COUNTY, Calif. — E. B. Bishop, Orland, at $13,370, as previously reported, submitted low bid to the Division of Highways, F. W. Haselwood District Engineer, Redding, for about 3.8 miles surfacing with untreated crushed gravel or stone surfacing in Tehama County bet. Route 86 and Morgan Springs.

The work involves:
(1) 200 M. gals. water in place;
(2) 6,600 c.y. untreated crushed gravel or stone surfacing.

Complete bids follow:
E. B. Bishop, Orland: (1) $2.50; (2) $1.95; total, $13,370.00.
Hein Bros. Basalt Rock Co., Petaluma: (1) $1.49; (2) $2.09; total, $14,-092.00. *

CONTRACT AWARDED

MODOC and Siskiyou Cos., Calif.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $7,536 awarded contract by the State Highway Commission, Sacramento, for applying penetration oil treatment on about 5.2 miles between 1.7 miles southeast of Tule Lake and the Oregon State Line in Modoc and Siskiyou Counties.

BIDS WANTED

LOS GATOS, Santa Clara Co., Cal. —Until August 10, 5 P. M. (to be opened at 8 P. M.) bids will be received by Los Gatos Town Council, Donna M. Winning, Town Clerk, for improvement of University Avenue and Santa Cruz Avenue in the city of Los Gatos, including repair of culverts and gutters.

Plans and specifications may be obtained from the above office and from Town Engineer Raymond W. Fisher, Porter Bldg., San Jose, at a cost of $1 per set. * 3

CONTRACT AWARDED

TUCSON, Ariz.—White & Miller, Tucson, have been awarded the contract by the Tucson city council at $25,357.68 for paving Wilson Avenue and Elm Street. The bids were opened July 6.

CONTRACT AWARDED

HICKAM FIELD, T. H.—Hawaiian Contracting Co., Box 3468, Honolulu, at $345,564, awarded contract by H. B. Nurse, Constructing Quartermaster, Hickam Field, for construction of a paved landing mat at Hickam Field.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

SAN MATEO, San Mateo Co., Calif. —Tony Garcia, Redwood City, Box 25 R. F. D., at $1450 submitted low bid and awarded contract by San Mateo City Council for drilling a well at the East Side Park.

Following other bids received: H. D. Gardner, $1475; J. F. Hawthorne, $1550; W. H. Wilkinson, $1565.60; J. E. Fontes, $1595.79; B. Van Ness, $1-665.60. *

LOW BIDDER

LOS ANGELES COUNTY, Calif. — United Concrete Pipe Corp., Box 1, Station H, Los Angeles, at $995,372, grand total of all schedules, submitted the apparent low bid to the Metropolitan Water District, Los Angeles for constructing precast concrete or steel pipe lines and appurtenant works for the Upper Feeder of the Colorado River Aqueduct Distribution System, in accordance with plans and specification No. 154.

33— WATER WORKS

BIDS WANTED

BAY SHORE, San Mateo Co., Cal.—Until August 11, 8 P. M., bids will be received by the Bay Shore City Council, City Hall, for the installation of a water system.

The work involves:
(1) 2895 lin. ft. 6-in. cast iron pipe;
(2) 3480 lin. ft. 2-in. galv. wrought steel pipe ;
(3) 6 6-in. hydrants;
(4) One 8-in. gate valve;
(5) 12 6-in. gate valves;
(6) 2 4-in. gate valves;
(7) 8 2-in. gate valves;
(8) 29 valve boxes;
(9) 1075 sq. ft. pavement repair;
(10) 500 sq. ft. sidewalk repair.

Plans and specifications obtainable from the office of City Engineer Geo. Kneese, Stafford Bldg., Redwood City.

34 — PARKS AND PLAY-GROUNDS

CONTRACT AWARDED

CLAREMONT, Los Angeles County, Calif.—Daniel B. Milliken, P. O. Box 52, Claremont, at $490, awarded contract by Treasury Department for seeding and planting grounds at the U. S. Post Office, Claremont. 34

BIDS WANTED

ALHAMBRA, Los Angeles Co., Cal. —Bids are being received by the Custodian, U. S. Post Office, Alhambra, for furnishing and installing lawn sprinkler system at the U. S. Post Office, Alhambra. 34

CONTRACT AWARDED

AMADOR COUNTY, Calif.—Anchor Post Fence Co., 460 Fifth St., San Francisco, at $1,294.28, awarded contract by the State Highway Commission, Sacramento, for constructing fence at the State Highway Maintenance Station at Ione, Amador Co.

BIDS WANTED

LOS ANGELES, Calif.—Until August 10, 3 p.m., bids will be received by the U. S. Engineer, 751 S. Figueroa St., for furnishing 37,000 lin. ft. chain link fencing, 34 in. wide for West Glendale and 26,000 lin. ft. same for San Gabriel, f.o.b. bidder's shipping point; Circ. Prop. No. 102.

BIDS WANTED

SAN MATEO COUNTY, Calif.—Until August 17, 8 p.m., bids will be received by San Mateo City Council, for constructing two tennis courts, 60x120 feet each, in the City Park, San Mateo. Bids will be taken as follows:
(1) Macadam surfacing with asphalt concrete;
(2) Macadam surfacing with natural asphalt;
(3) Fencing;
(4) Electrical work.

Plans and specifications may be obtained from the City Engineer, City Hall, San Mateo.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Standard Fence Company, 440 Bayshore Blvd., at $1,360, awarded contract by Department of Public Works for fencing at George Washington School, Geary Blvd., Balboa St., 30th and 32nd Aves. Estimated cost, $3,200. Spec. No. 4335.

Fabric to be No. 9 guage, 2-inch mesh copper bearing steel chain in 6-ft. lengths, posts to be 2-in. H column type, corner posts to be 3-in. outside diameter; top rail, 5/8-in. outside diameter.

BIDS OPENED

SAN FRANCISCO, Calif.—Kamian Fence Company, 351 Bryant St., at $257, submitted low bid to Department of Public Works for furnishing and installing 110 feet of 16-foot high chain link wire fence, with necessary posts and end braces at the Polytechnic High School, Frederick St. and Arguello Blvd., Spec. No. 4477.

Complete bids follow:
Kamian Fence Co. $257.00
Anchor Post Fence Co. 295.00
Wickwire Spencer Steel Co. 305.00
Standard Fence Co. 374.42

Bids held under advisement.

35— TUNNELS

BIDS OPENED

SAN FRANCISCO, Calif.—MacDonald & Kahn Co., Ltd., Financial Center Bldg., San Francisco, at $444,-444.44, submitted low bid to Department of Public Works, under Spec. No. 18,942, for constructing the Richmond Sewer Tunnel, between Twenty-fourth Avenue at Lake Street and Forty-first Avenue and Fulton Street.

The work involves:
(1) Lump sum, diversion and control structures;
(2) 6,099 l.f. 4-ft. by 6-ft. 6-in. reinforced concrete sewer in tunnel;
(3) Lump sum, manhole and drop-down connection;
(4) 58 l.f. ventilating shaft;
(5) Lump sum, 10-ft. taper structure;
(6) 1,933 l.f. 3-ft. by 4-ft. 6-in. reinforced concrete sewer in Fulton Street.
(7) Lump sum, 7 concrete manholes.

Complete bids follow:
(A) MacDonald & Kahn Co., Ltd., San Francisco $444,444.44
(B) R. G. Clifford, San Francisco 449,708.00
(C) L. E. Dixon-Johnson, Inc., Los Angeles 471,399.00

Unit prices follow:

	(A)	(B)	(C)
(1)	$14,810.94	$9,000	$17,000
(2)	59.50	58	61
(3)	2,000.00	1,800	1,400
(4)	40.00	35	30
(5)	1,000.00	600	700
(6)	31.00	42	40
(7)	1,500.00	1,350	1,200

Bids referred to City Engineer John J. Casey and to PWA. * 35

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$485,000 State Highway Awards Pending

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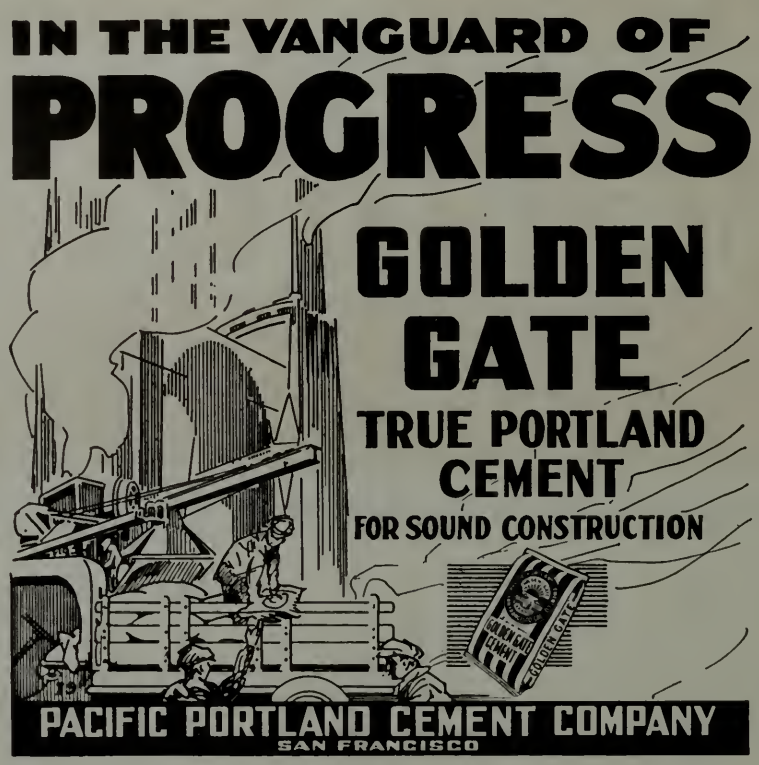

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ASK BIDS ON COMPLETION OF BROADWAY BORE

New Contract Offered to Finish Highway Tunnel Job

Bids will be taken September 11 by the directors of Joint Highway District No. 13 for completing the Broadway Low-Level Tunnel, key link in the new high-speed highway between Eastbay cities and the east side of the Contra Costa hills. The original contract for the project was terminated by Six Companies of California, Inc., June 13, after a dispute with the highway district.

The contractors claimed a loss exceeding $3,000,000 on their contract, which was awarded May 29, 1934, on a low bid of $3,683,931. Suit has been filed by the contractors in U. S. District Court here to recover for work done. Progress payments to the time the contract was abandoned amounted to $2,170,000, it was announced.

The project is approximately 70 per cent finished. The contract now being advertised is for completion of the job. A lump sum is to be bid for the remaining tunnel excavation, lining, paving, installation of air ducts and incidental work. Portal buildings are about 90 per cent complete. Part of the ventilating, mechanical and electrical equipment remains to be furnished and installed. The carbon monoxide detecting and recording installation also is to be made.

Approach roadway work includes 45,000 cubic yards grading; 500,000 station yards overhaul; 37,700 sq. ft. portland cement concrete pavement; 665,000 square feet penetration oil macadam; curbs, gutters, and drainage structures.

SAN JOSE SEEKING WPA AID ON SEWERS

San Jose City Council has authorized City Manager C. B. Goodwin to apply to WPA for aid in a $645,000 project to construct sewers in Willow Glen and to connect them with the San Jose system. The project is contingent on approval by Willow Glen voters of a proposal to consolidate the city with San Jose.

Consulting Engineers Visit Central Valley Construction Sites

Members of the consulting board of engineers for the Central Valley Water Project are in session this week, with field inspection tours being made of both Kennett and Friant divisions.

After two days at Redding, from which the engineering party made trips to Kennett, Baird and Table Mountain dam sites, the group proceeded to Friant.

The board is composed of Chas. H. Paul of Dayton, Ohio; Dr. W. H. Durand, Stanford University; Roy V. Meikle, Turlock; Dr. Chas. P. Berkey, Columbia University. Accompanying the consultants is J. L. Savage, chief designing engineer for the Bureau of Reclamation; E. B. Debler, hydrographic engineer; Walker R. Young, construction engineer in charge of Central Valley Project; A. D. Edmonston, George Holley and Thos. Waddell of the State Engineer's office.

Many Contractors Reported Delinquent In City Registration

Edward F. Bryant, tax collector, issued a warning yesterday to all contractors operating in San Francisco who have not yet paid their registration fee.

The fee was due and payable July 1, but only 1100 contractors have registered this year, compared to 1800 for 1935. Contractors who have not paid their fee are ineligible for all city work and may be denied building permits by the Central Permit Bureau, it was pointed out.

Inspectors will be sent out shortly to check up on delinquent contractors, according to Mr. Bryant.

A flat fee of $10 for individuals and partnerships is fixed by the city ordinance. Payments must be made in the office of the Tax Collector at the City Hall.

BAY CROSSING 90 Pct. COMPLETE EXCEPT RAILS

Three Months To Finish Work Before Auto Traffic Is Permitted

With almost three months yet to go before the opening to automobile traffic of the San Francisco-Oakland Bay Bridge, the bridge proper is within approximately 10 per cent of completion, exclusive of rails, according to the weekly progress report of Chief Engineer C. H. Purcell.

Construction progress in the week was summarized as follows by Mr. Purcell:

Connection of the last pin in the entire stiffening truss assembly at Pier W-1 by Columbia Steel Company; ninety per cent completion of the cable wrapping, with work on the last span, between Tower W-6 and Bent 7, now under way; compleiton of the erection of tower hoods on Towers W-2, W-3, and W-5; and removal of all catwalks on the west suspension bridge, except for small sections at the towers.

Painting of the third coat of the west section of the suspension spans is expected to begin this week with the finishing of the second coat painting on the entire West Bay structure.

Fourteen hundred feet of paving were poured on the south lane of the east crossing of the suspension spans from Yerba Buena Island to Tower W-6. Also poured last week were approximately 780 feet of the lower deck.

Sandblasting is under way in the Yerba Buena tunnel preparatory to lining this world's largest bore tunnel with 50,540 square feet of tile.

VOTE AUGUST 28 ON DINUBA BONDS

Dinuba Union High School directors have called an election Aug. 28 on a bond issue of $85,000 for a new building. The old structure was destroyed by fire several months ago.

Preliminary plans have been prepared by Architect Ernest J. Kump of Fresno.

Bids Opened For $485,000 Construction On Northern California Highway Routes

SACRAMENTO, Aug. 19.—Low bids totaling $485,241 were received today for eight contracts in Northern California counties offered by the State Division of Highways. Three of the jobs exceeded $100,000, the largest being that in Shasta County for grading and surfacing 1.8 miles, on which eleven bids were received.

Following are the bids on the Shasta job:

Guy F. Atkinson, S. F.	$103,728
Fredericksen and Westbrook, Lower Lake	106,464
D. McDonald, Sacramento	125,534
Hanrahan Co., San Francisco	125,780
Isbell Const. Co., Reno	129,238
Dunn & Baker, Klamath Falls	133,500
Union Paving Co., S. F.	139,280
Poulos & McEwen, Sacramento	140,087
A. Teichert & Son, Inc., Sacto.	147,251
F. L. Crooks Co., oPrtland	147,763
Geo. Pollock Co., Sacramento	149,613

For grading and surfacing 2.8 miles and constructing a reinforced concrete bridge in Glenn County, north of Orland, the following bids were received:

N. M. Ball Sons and Larsen Bros., Sacramento	$103,870
Union Paving Co., S. F.	105,429
Hanrahan Co., San Francisco	114,206

The third large contract was for 6.6 miles of grading and surfacing in Lassen County, between Westwood and Coppervale. Following are the bids:

Union Paving Co., S. F.	$102,635
Isbell Const. Co., Reno	110,515
A. Teichert & Son, Inc., Sacramento	114,327
Fredericksen and Westbrook, Lower Lake	120,861
Geo. Pollock Co., Sacramento	127,165
Heafey-Moore Co., Oakland	129,557

Two other grading and bridge jobs in the mountainous regions of Humboldt and Trinity Counties were bid by A. T. Howe and Son of Santa Rosa at $54,339 and by Helwig Construction Co. of Sebastopol at $22,150. Howe & Son bid the contract between Bridgeville and Clear Creek for constructing three timber bridges and grading 0.6 mi. The Helwig contract will be in the vicinity of Blue Lake and Gray Creek where existing bridges are to be removed and 0.7 mile graded.

Bridge construction contracts in Santa Cruz County were divided by W. J. Tobin and A. Soda & Son, both Oakland firms. Tobin's bid of $22,053 was low for erecting two bridges, 8 and 14 miles north of Santa Cruz, respectively. Soda and Son bid $24,384, the low figure for constructing a reinforced concrete structure over Rodeo Gulch, 1.7 miles east of Santa Cruz.

Four contractors bid for a grading and surfacing contract on 3.7 miles in Solano County in the vicinity of Cordelia and Fairfield. Following are the bids:

A. G. Raisch, San Francisco	$52,080
Pacific States Const. Co., S. F.	54,963
Hanrahan Co., San Francisco	57,659
Louis Biasotti, Stockton	59,056

NEW BIDS ON STATE HOSPITAL

SACRAMENTO, Aug. 18.—New bids will be received Sept. 15 by the State Division of Architecture for the general contract to construct a custodial unit at the Mendocino State Hospital in Talmage, State Architect Geo. B. McDougall announced today. The contract was awarded previously to F. C. Amoroso & Sons, San Francisco on a low bid of $191,890, but the contractor refused to execute the contract due to an error in his figure. Awards for other portions of the work, previously made, will not be affected by the readvertisement of the general contract.

Colorado Aqueduct Nearly Half Done, Weymouth Reports

Construction of the Colorado River Aqueduct is 46 per cent completed, according to F. E. Weymouth, general manager and chief engineer of the Metropolitan Water District of Southern California. Preliminary work was started in December, 1932.

Of the 108 miles of tunnels in rock, 99 miles have been excavated and 54 miles lined with concrete.

Of the 63 miles of lined canals, 53 miles have been constructed.

Of the 55 miles of covered conduit, 30 miles have been constructed.

Of the 28 miles of siphons, 20 miles have been constructed.

Work on the great earth-fill dam and dike that will form Cajalco Reservoir, ten miles south of Riverside, is 41 per cent completed.

On the Colorado River, construction of Parker Dam, behind which the aqueduct will have its intake, is well under way with the 29-foot diversion tunnels scheduled to be completely lined within the next few days.

On the 130 miles of distributing lines, exclusive of the tunnels, work is in progress on 41 miles.

Construction of the 237 - mile power transmission line that will deliver electric energy from Boulder Dam to the five pumping stations on the aqueduct is now 46 per cent completed.

52 COMPLAINTS ON JULY DOCKET OF REGISTRAR

$42,000 Involved In Claims Bringing Contractors Before Bureau

Complaints against contractors, involving disputed amounts totaling $42,958 were before the Contractors' State License Bureau during July, Registrar Earl Anderson reports in his monthly review of the bureau's activities.

On the first day of July there were pending 27 complaints and 25 were filed during the month. Disposition of the complaints was as follows: Dismissed, no jurisdiction, 2; dismissed, not guilty, 2; settled after hearing, 2; suspended licenses, 2; defendant unlicensed, 2; applications granted after hearing, 2; applications denied after hearing, 1; pending decision, 39.

In the informal complaint docket Registrar Anderson reported settlements obtained in 36 cases involving $5,890. Still pending at the end ot fhe month were five cases involving $11,420.

Eleven cases were taken to court during the month, convictions being obtained in eight; two were dismissed, leaving one pending.

The registrar suspended two licenses; denied one application and re-instated one license.

Record Business Is Prediction For Heating Contractors

As a climax to a steady gain in sales for the last 15 months, the largest late summer and fall business in heating equipment since 1930 is expected, according to the Plumbing and Heating Industries Bureau.

Sales of plumbing and heating equipment for June, 1936, exceeded sales for June, 1935, by 56.76 per cent, according to reports made by 84 representative wholesalers in various parts of the country

Increases for June of this year over May averaged 17.45 per cent, according to reporting wholesalers.

Increased residential construction as well as heating plant replacements and repairs account for the increase, the Bureau points out, citing the unusually severe winter of 1935-36, which disclosed the inadequacy of thousands of old heating plants.

Greater public interest in automatic heating is also responsible, the Bureau states. Sales of mechanical stokers, for instance, have increased 107.21 per cent over a year ago, oil burner sales have advanced 37.66 per cent, cast iron boilers, 26.70 per cent, and cast iron radiators, 34.92 per cent.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1627	Galli	Owner	4500
1628	Galli	Owner	4000
1629	Galli	Owner	5000
1630	Galli	Owner	4000
1631	Galli	Owner	4500
1632	Galli	Owner	4000
1633	Arnott	Owner	6000
1634	Arnott	Owner	6000
1635	Arnott	Owner	6000
1636	Arnott	Owner	6000
1637	Arnott	Owner	6000
1638	Arnott	Owner	6000
1639	Arnott	Owner	6000
1640	Parsons	Lindsay	3000
1641	Central	Sage	1500
1642	Backman	Owner	4000
1643	Wells	Jensen	4000
1644	Bethlehem	Owner	45000
1645	Sloss	Stockholm	1200
1646	Grimes	Owner	4000
1647	Wehr	Nelson	5000
1648	Krebs	Anderson	2000
1649	General	Cahill	60000
1650	General	Cahill	5000
1651	Ruegg	Owner	4000
1652	Ruegg	Owner	4000
1653	Lossman	Erickson	3950
1654	Hughes	Papenhausen	8000
1655	Bagnani	Cappelletti	3900
1656	Christensen	Owner	4000
1657	Roberts	Hinson	5000
1658	California	Fay	3000
1659	Fossa	Owner	1500
1660	Allison	Owner	4000
1661	Remington	Owner	5000
1662	Anza	Rousseau	7000
1663	Standard	Owner	5000
1664	Standard	Owner	2000
1665	California	Lindgren	1500
1666	Berchtold	Bayshore	3000
1667	Applas	Owner	1000
1668	Cornblum	Thrall	3000
1669	Standard	Owner	3500
1670	Standard	Owner	3500
1671	Standard	Owner	3500
1672	Cornblum	Thrall	3000
1673	Rubin	Seymour	1992
1674	Muzzio	Coburn	1000
1675	Cornblum	Thrall	3000
1676	Standard	Owner	3500
1677	Standard	Owner	3500
1678	Lynn	Stoneson	9030
1679	Villa	D'Amico	7000
1680	Doughnut	Mullen	1000
1681	Fibreboard	Lindgren	18000
1682	Gump	Mullen	1800
1683	Kaufman	Owner	7000
1684	Uptown	.....	25000
1685	Busby	Monson	1465
1686	Schoning	Hanson	1000
1687	Gannes	.....	15000
1688	Wagner	Field	2000
1689	Cornblum	Lengley	3000
1690	Cornblum	Langley	3000
1691	Collins	Rousseau	9000
1692	Carraro	Owner	3450
1693	Carraro	Owner	3450
1694	Carraro	Owner	3450
1695	Doelger	Owner	4500
1696	Doelger	Owner	4000
1697	Doelger	Owner	4000
1698	Doelger	Owner	4000
1699	Doelger	Owner	4000
1700	Doelger	Owner	4000
1701	Doelger	Owner	4000
1702	Doelger	Owner	4000
1703	Lally	Owner	2500
1704	Federated	Owner	10000
1705	Brennan	McCarthy	6000
1706	Wold	Wold	4000
1707	Young	Owner	3500
1708	Herzig	Owner	4000
1709	Restani	Warren	1500
1710	United	Mullen	1800
1711	Horros	Owner	1000
1712	Doelger	Owner	4000
1713	Doelger	Owner	4000
1714	Doelger	Owner	4000
1715	Doelger	Owner	4000
1716	Doelger	Owner	4000
1717	Fuller	Wilhelm	5000
1718	Hirsch	Malloch	1500
1719	Schlicht	Perkins	3950
1720	Bernardi	Oliva	3100

DWELLING
(1627) E 24th AVE. 238 S Ocean. One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal.
Architect—Not Given. $4500

DWELLING
(1628) E 24th AVE. 314 S Ocean. One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal.
Architect—Not Given. $4000

DWELLING
(1629) E 24th AVE. 160 S Ocean. One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal.
Architect—Not Given. $5000

DWELLING
(1630) E 24th AVE. 352 S Ocean. One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal.
Architect—Not Given. $4000

DWELLING
(1631) E 24th AVE. 200 S Ocean. One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal.
Architect—Not Given. $4500

DWELLING
(1632) E 24th AVE. 276 S Ocean. One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal.
Architect—Not Given. $4000

DWELLING
(1633) E 24th AVE. 84 N Ocean. Two - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval.
Architect—Not Given. $6000

DWELLING
(1634) E 24th AVE. 86 S Sloat Blvd. Two - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval.
Architect—Not Given. $6000

DWELLING
(1635) E 24th AVE. 414 N Ocean. Two - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval.
Architect—Not Given. $6000

DWELLING
(1636) E 24th AVE. 126 S Sloat Blvd. Two - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval.
Architect—Not Given. $6000

DWELLING
(1637) SW 24th AVE. and Sloat Blvd. Two - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval.
Architect—Not Given. $6000

DWELLING
(1638) E 24th AVE. 46 S Sloat Blvd. Two - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval.
Architect—Not Given. $6000

DWELLING
(1639) E 24th AVE. 166 S Sloat Blvd. Two - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval.
Architect—Not Given. $6000

DWELLING
(1640) W HAMILTON 75 S Bacon. One - story and basement frame dwelling.
Owner—T. E. Parsons, 707 Bacon.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue. $3000

CHURCH
(1641) S MARKET 100 E 15th Street. One-story frame church.
Owner—Central California Conference of Seventh Day Adventists, San Jose.
Architect—C. H. Salyers, San Diego.
Contractor—A. O. Sage, 98 San Diego Avenue. $1500

DWELLING
1642) E CAPITAL AVE. 150 North Holloway. One-story and basement frame dwelling.
Owner and Builder—Ernest B. Backman, 577 Bright.
Architect—Not Given. $4,000

ALTERATIONS
(1643) 14 MONTGOMERY ST. Alter offices.
Owner—Wells Fargo Bank, premises.
Architect—Miller & Pflueger, 580 Market Street.
Engineer—T. Ronneberg, Crocker Building.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St. $4,000

ALTERATIONS
(1644) 20th and ILLINOIS. Alter factory.
Owner & Contractor—Bethlehem Ship Building Corp., premises.
Architect—Not Given. $45,000

ALTERATIONS
(1645) 2700 BROADWAY. Alter dwelling.
Owner—Leon Sloss, Jr., premises.
Architect—Wm. W. Wurster, 260 California St.
Contractor—Chas. Stockholm & Sons, Russ Building. $1200

DWELLING
(1646) E 22nd AVE. 150 S Lawton. One - story and basement frame dwelling.
Owner—W. J. Grimes, Box 311, Colma
Architect—Not Given. $4000

DWELLING
(1647) W PACHECO 159 N Aerial Way. Two - story and basement frame dwelling.
Owner—J. Leroy Wehr, 326 Parnassus.
Architect—Not Given.
Contractor—Frank F. Nelson, 2 Edgehill Way. $5,000

ALTERATIONS
(1648) 698 LOS PALMOS. Alter dwelling.
Owner—O. F. Krebs, premises.
Architect—Not Given.
Contractor—Adolph Anderson, 230 Hazelwood. $2,000

FACTORY
(1649) S CARROLL 120 E Newhall. Three-story Class A factory.
Owner—General Brewing Corp., 2601 Newhall.
Architect—Fred H. Meyer, Kohl Bldg.
Engineer—C. H. Snyder. 251 Kearny.
Contractor—Cahill Bros., 206 Sansome Street. $60,000

SILO
(1650) E NEWHALL 330 S Carroll. Two-story Class B silo.
Owner—General Brewing Corp., 2601 Newhall.
Architect—Fred H. Meyer, Kohl Bldg.
Engineer—C. H. Snyder. 251 Kearny.
Contractor—Cahill Bros., 206 Sansome

DWELLING
(1651) E TALBOT 321 S Visitacion. One - story frame dwelling and basement.
Owner and Builder—The Ruegg Co., 369 Pine Street.
Architect—Not Given. $4,000

DWELLING
(1652) E TALBOT 292 S Visitacion. One - story frame dwelling and basement.
Owner and Builder—The Ruegg Co., 369 Pine Street.
Architect—Not Given. $4,000

DWELLING
(1653) N JERSEY 255 W Sanchez. One - story and basement frame dwelling.
Owner—M. Lossman, 972 Chenery St.
Architect—Not Given.
Contractor—Henry Erickson, 972 Chenery St. $3950

DWELLING
(1654) E SAN ANDREAS WAY 212 N Monterey Blvd. Two-story and basement frame dwelling.
Owner—D. H. Hughes, 330 West Portal Avenue.
Architect—Masten & Hurd, 233 Post.
Contractor—H. Papenhausen, 595 Victoria Street. $8,000

DWELLING
(1655) N QUESADA 75 W Ingalls. One - story and basement frame dwelling.
Owner—A. Bagnani, 946 Pacific.
Archtect—Not Given.
Contractor—D. Cappelletti, 667 Hampshire St. $3900

DWELLING
(1656) E 27th AVE. 250 S Lawton. One - story and basement frame dwelling.
Owner and Builder—Herman Christensen, 1422 27th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. $4,000

ALTERATIONS
(1657) 301 GOLDEN GATE AVE. Alter storage plant.
Owner—J. C. Roberts, 756 4th Ave.
Architect—Not Given.
Contractor—L. A. Hinson, 756 Fourth Avenue. $5,000

ALTERATIONS
(1658) SE COR. SIXTH and Market. Alter office.
Owner—California Western States Life Ins. Co., 995 Market St.
Architect—Hertzga and Knowles, 309 Pine Street.
Contractor—The Fay Improvement Co. 758 Phelan Bldg. $3,000

GARAGE
(1659) 31 ALTA ST. rear. Private garage.
Owner and Builder—A. Fossa, premises.
Architect—Not Given. $1500

DWELLING
(1660) E 18th AVE. 225 S Moraga. One - story and basement frame dwelling.
Owner—Ray Allison, 111 Taylor St.
Architect—Not Given. $4,000

ALTERATIONS
(1661) 1128-30-32 FILBERT St. Alter flats.
Owner & Contractor—E. D. M. Remington, 1132 Filbert St.
Architect—Not Given. $5,000

DWELLING
(1662) S MARINA BLVD. 20 West Baker. Two-story and basement frame dwelling.
Owner—Anza Home Building Co., 321 Kearny Street.
Architect—A. H. Larsen, 333 Kearny.
Contractor — Oliver M. Rousseau, 321 Kearny Street. $7,000

GAS STATION
(1663) SW COR. PRESIDIO and California. Steel gasoline station.
Owner and Builder — Standard Stations, Inc., 200 Bush Street.
Architect—Not Given. $5,000

REST ROOM
(1664) SW COR. PRESIDIO and California. Steel rest room.
Owner and Builder — Standard Stations, Inc., 200 Bush Street.
Architect—Not Given. $2000

ALTERATIONS
(1665) 833 MARKET ST. Alter office.
Owner—California Academy of Sciences, 825 Market Street.
Architect—Not Given.
Contractor—Lindgren and Swinerton, Inc., 225 Bush St. $1500

DWELLING
(1666) E DELMAR 416 S Frederick. One - story and basement frame dwelling.
Owner—O. Berchtold, 371 Turk Street.
Architect—Not Given.
Contractor—Bay Shore Concrete Co., 164 Talbert St. $3,000

ALTERATIONS
(1667) 127 CORONA ST. Alter dwelling.
Owner and contractor—W. T. Applas, 127 Corona St.
Architect—Not Given. $1,000

DWELLING
(1668) E 47th AVENUE 25 S Rivera One - story and basement frame dwelling.
Owner—Edw. Cornblum, 510 26th Ave.
Architect—W. E. Husom, 2808 Pierce.
Contractor—H. A. Thrall, 1701 Grove Street. $3,000

DWELLING
(1669) E 44th AVE. 425 S Kirkham. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1670) E 44th AVE. 475 S Kirkham. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1671) E 44th AVE. 450 S Kirkham. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.

DWELLING
(1672) S RIVERA 95 W 46th Street. One - story and basement frame dwelling.
Owner—Edw. Cornblum, 510 26th Ave.
Architect—W. E. Husom, 2808 Pierce.
Contractor—H. A. Thrall, 1701 Grove Street. $3,000

ALTERATIONS
(1673) 955 MARKET ST. Alter store.
Owner — Alexander Rubin, care contractor.
Architect—Not Given.
Contractor—Seymour Show Case and Fixture Co., 251 Post St. $1992

ALTERATIONS
(1674) 66 ALVARADO ST. Alter flats.
Owner—J. Muzzio, 68 Alvarado Street.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market Street. $1,000

DWELLING
(1675) S RIVERA 95 E 46th Avenue. One - story and basement frame dwelling.
Owner—Edw. Cornblum, 510 26th Ave.
Architect—W. E. Husom, 2808 Pierce.
Contractor—H. A. Thrall, 1701 Grove Street. $3,000

DWELLING
(1676) E 44th AVE. 400 S Kirkham. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1677) SW 32nd AVE. and Kirkham. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1678) SW JUNIPERO Serra Blvd. and Woodacre. Two - story and basement frame dwelling.
Owner—Wallace R. Lynn, 268 Market.
Architect—J. E. Dinwiddie, 360 Pine.
Contractor — Stoneson Bros., 1 Sloat Boulevard. $9,000

FLATS
(1679) S NORTH POINT 125 West Hyde. Two - story and basement flats.
Owner—Emanuele S. Villa, 832 Bay.
Architect—Not Given.
Contractor—Tony D'Amico, 2345 Polk Street. $7,000

ALTERATIONS
(1680) SW GEARY and 19th Avenue. Alter store.
Owner—Doughnut Corp. of America, premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $1,000

WAREHOUSE
(1681) SE COR. FRANCISCO ST. and Kearny. Class C warehouse.
Owner—Fibreboard Products Co., Inc., Montgomery and Francisco Sts.
Architect—Not Given.
Contractor—Lindgren and Swinerton, Inc., 225 Bush St. $18,000

ALTERATIONS
(1682) 262 POST ST. Alter store.
Owner—S. and G. Gump, premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St. $1800

STORE
(1683) W THIRD 53 S Quesada. One-story frame store.

Owner and Builder—J. Kaufman, 1715 Golden Gate Avenue.
Engineer—W. H. Ellison, Pacific Bldg. $7,000

ALTERATIONS
(1684) SW SUTTER and Steiner Sts. Alter theatre.
Owner—Uptown Amusement Co., Inc. 25 Taylor Street.
Architect—A. A. Cantin, 557 Market.
Engineer—W. Adrian, 417 Market. $25,000

ALTERATIONS
(1685) 1056 FLORIDA ST. Alter flats.
Owner—Mary Busby, premises.
Architect—Not Given.
Contractor—Monson Bros., 475 6th St. $1465

ALTERATIONS
(168) 1771 15th ST. Alter dwelling. owner, Geo. Schorling, premises.
Architect—Not Given.
Contractor—Hanson Bros., 5840 Mission Street. $1000

DWELLING
(1687) SE COR. PACIFIC and Locust. Two - story and basement frame dwelling.
Owner—Fred R. Gannis, care architect.
Architect—F. Amandes, 414 Dewey Boulevard. $15,000

SHOP
(1688) N BRYANT 25 E Harriet. One-story frame shop.
Owner—Geo. Wagner, 181 So. Park.
Architect—Not Given.
Contractor—Fred H. Field, 2370 Sutter Street. $2,000

DWELLING
(1689) E 47th AVE. 50 S Rivera. One-story and basement frame dwelling.
Owner — Edward Cornblum, 510 26th Avenue.
Architect—W. E. Husom, 2808 Pierce.
Contractor—A. Langley. $3,000

DWELLING
(1690) E 49th AVE 75 S Rivera. One-story and basement frame dwelling.
Owner — Edward Cornblum, 510 26th Avenue.
Architect—W. E. Husom, 2808 Pierce.
Contractor—A. Langley. $3,000

DWELLING
(1691) N GREEN 143 W Baker. One-story and basement frame dwelling.
Owner—H. A. Collins, 321 Kearny.
Architect—A. H. Larsen, 333 Kearny.
Contractor—Oliver M. Rousseau, 321 Kearny St. $9,000

DWELLING
(1692) E GOETTINGEN 75 S Wayland. One - story and basement frame dwelling.
Owner and Builder—G. Carraro, 750 Felton.
Architect—Not Given. $3450

DWELLING
(1693) E GOETTINGEN 25 S Wayland. One - story and basement frame dwelling.
Owner and Builder—G. Carraro, 750 Felton.
Architect—Not Given. $3450

DWELLING
(1694) E GOETTINGEN 50 S Wayland. One - story and basement frame dwelling.
Owner and Builder—G. Carraro, 750 Felton.
Architect—Not Given. $3450

DWELLING
(1695) W 16th AVE. 233 S Ortega. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4500

DWELLING
(1696) E 29th AVE. 125 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4000

DWELLING
(1697) E 29th AVE. 50 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4000

DWELLING
(1698) E 29th AVE. 150 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4000

DWELLING
(1699) E 29th AVE. 100 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4000

DWELLING
(1700) E 29th AVE. 25 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4000

DWELLING
1701) E 29th AVE. 175 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4000

DWELLING
(1702) E 29th AE. 75 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4000

DWELLING
(1703) SE FAXON and Thrift. One-story and basement frame dwelling.
Owner and Builder—Michael Lally, 225 Thrift.
Architect—Not Given. $2500

ALTERATIONS
(1704) 75 FOLSOM ST. Alter metal plant.
Owner—Federated Metals Corp., 201 First Street.
Architect—Not Given. $10,000

DWELLING
(1705) W BEAUMONT 330 N Turk. Two - story and basement frame dwelling.
Owner—J. Brennan, 225 Benton.
Architect—C. E. Baker, 155 Montgomery Street.
Contractor—Robt. McCarthy, 1363 14th Avenue. $6000

DWELLING
(1706) W 27th AVE. 175 N Santiago. One - story and basement frame dwelling.
Owner—Clarence L. Wold, 4416 Fulton Street.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—C. L. Wold Const. Co., Ltd., 4412-16 Fulton St. $4000

ALTERATIONS
(1707) 365 MARKET ST. Alter restaurant.
Owner—A. Young, 365 Market Street.
Architect—Not Given. $3500

DWELLING
(1708) N SLOAT 35 E Crestlake. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd.
Architect—Donald Jaekle, 126 Post St. $4000

ALTERATIONS
(1709) NW COR. GOETHE and San Jose Ave. Alter dwelling.
Owner—Mrs. P. Restani, 3196 San Jose Avenue.
Architect—Not Given.
Contractor—W. Warren, 614 Hanover. $1500

ALTERATIONS
(1710) S FOLSOM 75 W Third St. Alter market.
Owner—United Meat Co., 302 3rd St.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $1800

ALTERATIONS
(1711) 621 TARBOE. Alter dwelling.
Owner—W. J. Horros, premises.
Architect—Not Given. $1000

DWELLING
(1712) E 17th AVE. 425 S Moraga. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1713) E 17th AVE. 450 S Moraga. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1714) E 17th AVE. 875 S Moraga. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1715) E 17th AVE. 475 S Moraga. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1716) E 17th AVE. 400 S Moraga. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

ALTERATIONS
(1717) 350 TOWNSEND ST. Alter factory.
Owner—W. P. Fuller Co., 301 Mission.
Architect—Not Given.
Contractor—A. Wilhelm, 666 Mission. $5000

ALTERATIONS
(1718) SW COR. THIRD STREET and Folsom. Alter market.
Owner—Hirsch Bros., premises.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission Street. $1500

DWELLING
(1719) N CUMBERLAND 230 West Sanchez. One-story and basement frame dwelling.
Owner—Geo. H. Schlicht, 170 Jersey.

Architect—C. O. Clausen, 746 46th Avenue.
Contractor—E. W. Perkins, 3500 Fulton Street. $3950

ALTERATIONS
(1720) 829 YORK ST. Alter dwelling.
Owner—Luigi Bernardi, 829 York.
Architect—Not Given.
Contractor—Victor Oliva, 2731 24th St. $3100

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
81	Ivie	Walstrom	4300
1226	Halbein	Owner	4575
1227	Camher	Watson	5000
1228	Netherby	Owner	5500
1229	Karski	Wallace	3750
1230	Snook	Nicholson	7136
1231	Ehmann	Stockholm	28500
1232	Watson	Shapiro	12000
1233	Olney	Alpine	1000
1234	Gillespie	Owner	5000
1235	Kesti	Owner	6500
1236	Chevrolet	Dinwiddie	59850
1237	Entwistle	Owner	1500
1238	Rand	Sommarstrom	4500
1239	Torrey	Falk	4200
1240	Scammell	Owner	5000
1241	Andrade	Krattenmaker	1450
1242	Chevrolet	Owner	1000
1243	Hudson	Dixon	1000
1244	Kerr	Rose	1500
1245	Beckerleg	Kelman	4500
1246	Fisher	Christensen	4000
1247	Ferro	Muller	5000
1248	Clemons	Owner	7000
1249	Magee	Teigland	8090
1250	Thomas	Reese	2700
1251	Neill	Harwood	6000
1252	Capargno	Valente	3000
1253	Tilden	Owner	4000
1254	Melay	McCoy	5000
1255	Jaymot	Lassen	1800
1256	Buekers	Alexander	3000
1257	Bushberg	Owner	4000
1258	De Chene	Rich	4463
1259	De Chene	Rich	5000
1260	McKenzie	Schultz	10500
1261	Wisheropp	Owner	5750
1262	Mitchell	Coats	5000
1263	Scammell	Owner	5000
1264	Scammell	Owner	5000
1265	California	Austin	55000
1266	Rogers	Owner	2000
1267	Naas	Owner	1500
1268	Plum	McDonald	2000
1269	Keegan	Haulman	1250
1270	Horn	Morris	4000
1271	Blanc	Blanc	4500
1272	MacConaughley	Rose	3000
1273	Janssen	Pickrell	6000
1274	Boyd	Boyd	2500
1275	Salsbury	Anderson	4800
1276	Oder	Dowling	4000
1277	Fisher	Dinwiddie	20000
1278	Mamilton	Van Bokkelen	2400
1279	Fong	Owner	1000
1280	Davis	Owner	3800
1281	Oxley	Falk	3000
1282	Chamberlin	Ostlund	1500
1283	Humphrey	Kurtz	14750
1284	Beckett	Owner	9800
1285	Gerken	Kurtz	15500
1286	Fisher	Austin	7000
1287	Chevrolet	Owner	8000
1288	Adams	Anderson	4000
1289	Adams	Anderson	4500
1290	Klein	Owner	4500
1291	Beatty	Herndon	3500
1292	Toffelmier	Krattenmaker	2950
1293	Lincoln	Owner	2250
1294	Merchants	Heathorn	2000
1295	Osborn	Hambleton	4000
1296	Fong	Sorder	6000
1297	Finerty	Shaw	11000
1298	Johnson	Sorensen	7600
1299	Silvan	Owner	1000
1300	Leggatt	Norgrove	4275

DWELLING
(1221) 2693 MOUNTAIN GATE Way. Two-story 5-room dwelling.
Owner—H. W. Reed.
Architect—Not Given.
Contractor—E. W. Dahl, 2901 56th Avenue, Oakland. $5700

DWELLING
(1222) 1807 104th AVE., OAKLAND. One-story 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Elmer Johnson, 450 Oaks Blvd., San Leandro. $2500
Also 1-story frame garage, $125.

DWELLING
(1223) 1754 103rd AVE., OAKLAND. One-story 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Elmer Johnson, 450 Oaks Blvd., San Leandro. $2500
Also 1-story frame garage, $125.

DWELLING
(1224) 4511 DAVENPORT AVENUE, OAKLAND. One - story six-room dwelling.
Owner—W. P. Giambruno.
Architect—Not Given.
Contractor—J. L. Rich, 556 37th St., Oakland. $4000

DWELLING
(1225) 4601 FAIR AVE., OAKLAND. One-story 5-room dwelling.
Owner and Contractor—S. J. Dowling, 2800 Clay St., Alameda.
Architect—Not Given. $4000

DWELLING
(1226) 906 CRESTON, BERKELEY. Two-story 5-room frame dwelling.
Owner and Builder—Wm. Halkein, 331 Giannini Hall, U. of C. Campus, Berkeley.
Architect — H. A. Schoening, 3133 Carlsen St., Oakland. $4575

DWELLING
(1227) 5665 CABOT DRIVE., OAKLAND. Two-story 5-room dwelling.
Owner—T. H. Camber, 5347 Normandie Ave., Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland. $5,000

DWELLING
(1228) 5217 PROCTOR AVE., OAKLAND. Two-story 6-room dwelling.
Owner and Builder—W. A. Netherby 3853 Lyman Road, Oakland.
Architect—Not Given. $5500

ALTERATIONS
(1229) 6523-51 TELEGRAPH AVE., OAKLAND. Alteration and addition.
Owner—A. C. Karski, 680 Trestle Glen Road, Oakland.
Architect—Not Given.
Contractor—F. J. Wallace, 907 Washington St., Oakland. $3750

DWELLING
(1230) 4321 BRIDGEVIEW DRIVE, OAKLAND. Two - story 7 - room dwelling.
Owner—L. S. Smoek.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor — D. N. Nicholson, 550 Blossom Way, San Leandro. $7136.00

DWELLING
(1231) 11 SOTELO, PIEDMONT. Two story 12-room residence and garage.
Owner—Geo. C. Ehmann, 9 Wildwood Gardens, Piedmont.
Architect—C. A. Tantau, Shreve Bldg. San Francisco.
Contractor—Chas. Stockholm & Sons, 425 Russ Bldg., San Francisco. $28,500

DWELLING
(1232) 201 ESTATES DR., PIEDMONT. Two-story 12-room residence and garage.
Owner—H. B. Watson, 482 40th St., Piedmont.
Architect — John B. Anthony, 2014 Shattuck Ave., Berkeley.
Contractor—S. M. Shapiro, 1849 Arch St., Berkeley. $12,000

OFFICE
(1233) 2550 SHATTUCK AVE., BERKELEY. Steel office.
Owner—J. Olney, premises.
Architect—Not Given.
Contractor—Alpine Wood and Supply Co., 2846 Shattuck Ave., Berkeley. $1,000

DWELLING
(1234) 429 MICHIGAN, BERKELEY. Two - story 6-room frame dwelling and garage.
Owner and Builder — Gillispie, 2901 Garber, Berkeley.
Architect—J. B. Anthony, 2104 Shattuck Ave., Berkeley. $5000

DWELLING
(1235) 1055 PARK LANE, OAKLAND. Two-story 7-room dwelling.
Owner and Contractor—David Kesti, 2217 Browning St., Berkeley.
Architect—Not Given. $6500

ADDITION
(1236) 7201 HILLSIDE ST., OAKLAND. One-story brick addition.
Owner—Chevrolet Motor Co., 6901 Foothill Blvd., Oakland.
Architect—R. A. Cooley, 354 Hobart St., Oakland.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco. $59,850

ADDITION
(1237) 4015 ARCHMOUNT PLACE, OAKLAND. Addition.
Owner and Contractor—Ed. Entwistle 4015 Archmount Place, Oakland.
Architect—Not Given. $1500

(1238) 2430 POPLAR ST., OAKLAND. One-story warehouse.
Owner—E. D. Rand.

DWELLING
(1239) 3016 ARIZONA Street, OAKLAND: One-story 5-room dwelling.
Owner—L. S. Torrey.
Architect—Not Given.
Contractor—Chas. W. Falk, 1520 East 38th St., Oakland. $4200
Also 1-story garage, $300.

DWELLING
(1240) 2539 CORDOVA ST., OAKLAND. One-story 6-room dwelling.
Owner and Contractor—J. W. Scammell, 3161 Fruitvale Ave., Oakland.
Architect—Not Given. $5,000

ALTERATIONS
(1241) 9309 PLYMOUTH ST., OAKLAND. Alterations and addition.
Owner—M. L. Andrade.
Architect—Not Given.
Contractor—C. J. Krattenmaker, 5222 James Avenue, Oakland. $1450

ALTERATIONS
(1242) 10800 E 14th ST., OAKLAND. Alterations.
Owner and Contractor—Chevrolet Motor Co., 6901 Foothill Blvd., Oakland.
Architect—Not Given. $1,000

ADDITION
(1243) 935 EIGHTH ST., OAKLAND. Additon.
Owner—L. M. Hudson, premises.
Architect—Not Given.
Contractor—Dixon & Roth, 1844 Fifth Ave., Oakland. $1,000

REPAIRS
(1244) 583 27th ST., OAKLAND. Fire repairs.
Owner—K. A. Kerr, premises.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1,500

DWELLING
(1245) 490 VINCENTE, BERKELEY. Two-story 5-room frame dwelling.
Owner—T. W. Beckerleg, 1325 California, Berkeley.
Architect—P. Hammerberg.
Contractor—Kelman & Will, 1655 Euclid Ave., Berkeley. $4,500

BRIDGE
(1246) 6901 FOOTHILL Blvd., OAKLAND. Steel bridge.
Owner—Fisher Body Company.
Architect—Not Given.
Contractor — H. J. Christensen Co., 1955 Webster St., Oakland. $4000

FACTORY
(1247) 1101 57th AVE., OAKLAND. One-story brick factory.
Owner—Ferro Enameling Co. 1100 57th Ave., Oakland.
Architect—Not Given.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland. $5,000

DWELLING
(1248) 5700 CHELTON DR., OAKLAND. Two-story 6-room dwelling.
Owner and Builder—Harry R. Clemons, 5234 Belvedere St., Oakland.
Architect—Not Given. $7,000

DWELLING
(1249) 5974 ESTATES DRIVE, OAKLAND. Two-story 8-room dwelling.
Owner—Capt. Magee, Mesa Avenue, Piedmont.
Architect—Not Given.
Contractor—C. M. Teigland, 4668 Dolores Ave., Oakland. $8,000

STORE
(1250) 6101-6105 FOOTHILL BLVD., OAKLAND. One-story store.
Owner—Peter Thanos.
Architect—Not Given.
Contractor—T. O. Reese, 618 Victoria St., San Leandro. $2700

DWELLING
(1251) 1547 LEIMERT BLVD., OAKLAND. Two-story 6-room dwelling.
Owner—L. A. Neill 4188 Park Blvd., Oakland.
Architect—Not Given.
Contractor—Wm. P. Harwood, 3514 Lyon Ave., Oakland. $6000

ALTERATIONS
(1252) 1727 GROVE ST., OAKLAND. Alterations.
Owner—Virgil Capargno.
Architect—Harris Allen, 557 Market St., San Francisco.
Contractor—M. E. Valente, 5118 Clarke St., Oakland. $3000

REPAIRS
(1253) FT. TIDEWATER AVENUE, OAKLAND. Fire repairs.
Owner and Contractor—Tiklen Mill & Lumber Co., 400 High St., Oakland.
Architect—Not Given. $4,000

DWELLING
(1254) 558 SANTA BARBARA, BERKELEY. One-story 6-room frame dwelling and garage.
Owner—William Melay, Jr., 2306 Ellsworth St., Berkeley.
Architect—Not Given.
Contractor—Wm. McCoy, Jr., premises. $5,000

ALTERATIONS
(1255) 2033 PARKER ST., BERKELEY. Alterations.
Owner—J. Jaymot, premises.
Architect—Not Given.
Contractor—V. K. Lassen, 422 41st St. Oakland. $1800

SERVICE STATION
(1256) 2030 ROSE ST., BERKELEY. Service station.
Owner—H. Buckers.
Architect—Not Given.
Contractor—F. D. Alexander, 434 Wayne, Oakland. $3000

FACTORY
(1257) 8410 AMELIA ST., OAKLAND. One-story factory.
Owner and Builder—Wally Busberg, 3439 E 14th St., Oakland.
Architect—Not Given. $4000

DWELLING
(1258) S WESTWOOD Way Lot 21, Thornhill Park, OAKLAND. One-5-room dwelling.
Owner—E. R. DeChene, 364 14th St., Oakland.

DWELLING
(1260) 6159 ACACIA AVE., OAKLAND. Two-story 9-room dwelling.
Owner—C. A. McKenzie, 883 Indian Rock Road, Berkeley.
Architect—Not Given.
Contractor—H. K. Schulz, 811 Mendocino Ave., Berkeley. $10,500

DWELLING
(1261) 3041 WISCONSIN ST., OAKLAND. One-story 7-room dwelling.
Owner and Biulder—W. H. Wisheropp 3749 Quigley St., Oakland.
Architect—Not Given. $5750

DWELLING
(1262) 3084 FRYE ST., OAKLAND. One-story 6-room dwelling.
Owner—L. N. Mitchell, 3080 Frye St., Oakland.
Architect—Not Given.
Contractor—P. L. Coats, 2837 Foothill Blvd., Oakland. $5000

DWELLING
(1263) 2507 CORDOVA ST., OAKLAND. One-story 6-room dwelling.
Owner and Builder—J. W. Scammell, 3161 Fruitvale Ave., Oakland.
Architect—Not Given. $5,000

DWELLING
(1264) 2533 CORDOVA ST., OAKLAND. One-story 6-room dwelling.
Owner and Builder—J. W. Scammell, 3161 Fruitvale Ave., Oakland.
Architect—Not Given. $5,000

WAREHOUSE
(1265) 2531 SIXTH ST., BERKELEY. One-story 1-room warehouse.
Owner—California Corrugated Culvert Co., 7th and Calco Way, Berkeley.
Engineer—R. K. Cowell, 516 18th St., Oakland.
Contractor—The Austin Co., 516 18th St., Oakland. $55,000

BUILDING
(1266) 2627 TELEGRAPH AVENUE, BERKELEY. Two-story type V 12-room building.
Owner and Builder—T. M. Rogers, 2435 Carlton, Berkeley.
Architect—Not Given. $2000

DWELLING
(1267) 1710 81st AVE., OAKLAND. One-story 4-room dwelling.
Owner and Builder—Herbert W. Naas 1714 81st Ave., Oakland.
Architect—Not Given. $1500

ALTERATIONS
(1268) 3310 E 14th ST., OAKLAND Alterations.
Owner—Mrs. Plum.
Architect—Not Given.
Contractor—T. W. McDonald, 829 Isabella St., Oakland. $2,000

ADDITION
(1269) 2046 SAN JOSE, ALAMEDA Addition.
Owner—H. J. Keegan, 2046 San Jose
Architect—Not Given.
Contractor—R. P. Haulman, 1243 Broadway. $1,250

DWELLING
(1270) 3271 THOMPSON AVE., ALAMEDA. One-story 5-room dwelling.
Owner—Henry Horn, 170 Upland Dr.
Architect—Not Given.
Contractor—Morris and Debrit, Pinehurst Way, San Francisco. $4,000

DWELLING
(1271) 2711 CORNELL DRIVE, ALAMEDA. One-story 5-room dwelling.
Owner—W. L. Blanc, 1727 Santa Clara Avenue.
Architect—Not Given.
Contractor—W. L. Blanc, 1104 Santa Clara Avenue. $4,500

REPAIRS
(1272) 1234 HAWTHORNE ST., ALAMEDA. Repair fire loss.
Owner—Mrs. E. MacConaughley, 1234 Hawthorne Street.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $3,000

DWELLING
(1273) 1738 CAMBRIDGE DR., ALAMEDA. Two-story 6-room dwelling.
Owner—H. H. Janssen, 2500 Washington Way.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda. $6,000

ALTERATIONS
(1274) 1377 BROADWAY, ALAMEDA. Alterations.
Owner and Builder—W. E. Boyd, 946 Park Ave., Alameda.
Architect—Not Given. $2,500

DWELLING
(1275) 910 REGENT ST., ALAMEDA. Two-story 7-room dwelling.
Owner—H. S. Salsbury.
Architect—Not Given.
Contractor—Walter H. Anderson, 1014 Doris Court, Alameda. $4,800

DWELLING
(1276) 4208 WILSHIRE BLVD., OAKLAND. One-story 5-room dwelling.
Owner—Leon H. Oder, 2121 Santa Clara Ave., Alameda.
Architect—Not Given.
Contractor—S. J. Dowling, 2800 Clay St., Alameda. $4,000

ADDITION
(1277) 7201 HILLSIDE ST., OAKLAND. Steel addition.
Owner—Fisher Body Company.
Architect—Not Given.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco. $20,000

ALTERATIONS
(1278) 641 SANTA RAY AVE., OAKLAND. Alterations and repairs.
Owner—R. G. Hamilton Co., Latham Square Bldg., Oakland.
Architect—Not Given.
Contractor—W. K. Van Bokkelen, 439 23rd St., Oakland. $2400

ADDITION
(1279) 1614 EIGHTH ST., OAKLAND. Two-story addition.
Owner and Contractor—Kay Fong
Architect—Not Given. $1,000

DWELLING
(1280) 1914 108th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Stanley M. Davis, 640 Bancroft Ave., Oakland.
Architect—Not Given. $3800

DWELLING
(1281) SW COR. ARROWHEAD DR. and East Circle, OAKLAND. One-story 3-room dwelling.
Owner—W. S. Oxley, 529 Mandana Blvd., Oakland.
Architect—Not Given.
Contractor—Chas. W. Falk, 1520 East 38th St., Oakland. $3,000

ALTERATIONS
(1282) 1200 WASHINGTON St., OAKLAND. Alterations.
Owner—E. M. and Selah Chamberlain, 1200 Washington St., Oakland.
Architect—Not Given.
Contractor—Ostlund and Johnson, 1901 Bryant St., San Francisco. $1500

RESIDENCE
(1283) 201 SANDRINGHAM ROAD, PIEDMONT. Two-story 10-room residence and garage.
Owner—Doctor W. H. Humphery, 2727 Renwick Ave., Piedmont.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland. $14,750

RESIDENCE
(1284) 561 BLAIR AVE., PIEDMONT. Two-story 10-room frame residence and garage.
Owner and contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—W. E. Millwain, 1503 Oakland. $9800

RESIDENCE
(1285) 84 CAMBRIAN ROAD, PIEDMONT. Two-story 12-room frame residence and garage.
Owner—Geo. Gerken, 502 Beverly Ave. San Leandro.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland. $15,500

FACTORY
(1286) 7201 HILLSIDE ST., OAKLAND. One-story brick and concrete factory.
Owner—Fisher Body Co., 6901 Foothill Blvd., Oakland.
Architect—R. H. Cooley, 354 Hobart St., Oakland.
Contractor—The Austin Co., 516 18th St., Oakland. $7000

ALTERATIONS AND ADDITION
(1287) 10910 E 14th ST., OAKLAND. Steel addition.
Owner and Builder—Chevrolet Motor Co., 10910 E 14th St., Oakland.
Architect—Not Given. $3,000
Also alterations $400.

DWELLING
(1288) 3684 REDWOOD ROAD, OAKLAND. One-story 5-room dwelling.
Owner—C. Robert Adams, 62 Farragut Ave., Piedmont.
Architect—Not Given.
Contractor—Frank W. Anderson, 2111 Ashby Ave., Berkeley. $4000

DWELLING
(1289) 3676 REDWOOD ROAD, OAKLAND. One-story six-room dwelling.
Owner—C. Robert Adams, 62 Farragut Ave., Piedmont.
Architect—Not Given.
Contractor—Frank W. Anderson, 2111 Ashby Ave., Berkeley. $4000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

93	Flood	Central	9752
94	Seiberlich	Murer	7250
95	Sunset	Arras	13727
96	Hughes	Papenhausen	9500
97	Collins	Rousseau	9144

METERING SWITCHBOARD
(93) FLOOD BLDG., E Powell bet. Market and Ellis. Metering switchboard for sub-feeders and misc. electrical work.
Owner—Flood Realty Co.
Engineers—Hunter & Hudson, 41 Sutter Street.
Contractor—Central Electric Co., 179 Minna St.
Filed, Aug. 8, '36. Dated, Aug. 4, '36.
First of month 75%
Usual 35 days 25%
TOTAL COST, $9752.00
$1950 for misc. overhead; $7802 for cost of labor and materials.
Limit, 100 days. Plans and Specifications filed.

DWELLING
(94) NE ON-HALF LOT 25 and Lot 26 Blk 11, Forest Hill. Two-story and basement dwelling with garage.
Owner—Jos. A. and Eileen F. Seiberlich, 1 Sola Avenue.
Architect—G. A. Berger, 309 Valencia.
Contractor—L. Murer, 1274 uesada.
Filed, Aug. 13, '36. Dated, Aug. 4, '36.
Foundations in $1000
Frame and roof completed 1000
Clapboard and rough plaster 1700
Completion 1740
Usual 35 days 1810
TOTAL COST, $7250.00
Bond, $3700. Sureties, Onorato Biondi and A. Ramazzotti. Limit, 90 days. Plans and Spec. filed.

LOFTS
(95) E YORK 75 S Mariposa. One-story Class C loft bldg.
Owner—Sunset Scavenger Corp., 540 Hampshire St.
Architect—Andrew H. Knoll, Hearst Building.
Contractor—Adam Arras, 4008 18th St.
Filed, Aug. 15, '36. Dated Aug. 14, '36
Each 30 days 75%
Usual 30 days 25%
TOTAL COST, $13,727.50
Bond, $6,863.75. Sureties, Massachusetts Bonding & Ins. Co. Limit, 65 days. Plans and Spec. filed.

DWELLING
(96) LOT 15 Blk 3077, St. Francis Wood. Two-story and basement frame dwelling.
Owner—D. H. and Frances K. Hughes.
Architect—Masten & Hurd, 233 Post.
Contractor—Henry Papenhausen, 593 Victoria Street.
Filed, Aug. 17, '36. Dated, Aug. 15, '36
Frame up $2375
Brown coated 2375
Completion 2375
Usual 35 days 2375
TOTAL COST, $9500
Bond, $4750. Sureties, C. W. Higgins and Robt. Postler. Limit, 90 days. Plans and Spec. filed.

DWELLING
(97) N GREEN ST. 143 W Baker. Two-story frame dwelling.
Owner—H. A. and Lucille B .Collins.
Architect—Albert Larsen, 333 Kearny.
Contractor—Oliver M. Rousseau, 321 Kearny Street.
Filed, Aug. 17, '36. Dated, Aug. 11, '36
Frame up $2,286
Brown coated 2,286
Completed 2,286
Usual 35 days 2,286
TOTAL COST, $9,144
Limit, 90 days. Plans and Specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
106	McEneany	Henderson	4300
107	Southern	Ransome	4620
108	Inlaid	Nordstrom	5254
109	Gates	Livingston	29150
110	Deutsch	Bethel	24075

ALTERATIONS
(106) 2524 WARRING ST., Berkeley. Alterations and additions to two-story residence.
Owner—Edward C. and Susanna McEneany, 2524 Warring St., Berkeley.
Architect—Not Given.
Contractor—H. K. Henderson, 20 Avis Road, Berkeley.
Filed, Aug. 6, '36. Dated, June 18, '36
Rough frame up $1075
Rough plastered 1075
Completion 1075
Usual 35 days 1075
TOTAL COST, ,4300
Limit 90 days.

PAVING ROADWAY
(107) FIFTH and Kirkham Streets, Oakland. Paving roadway.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—Not Given.
Contractor—Ransome Co., 4030 Hollis St., Oakland.
Filed, Aug. 6, '36. Dated, July 30, '36
Completion 75%
Usual 35 days 25%
TOTAL COST, $4620
Bond, $4620. Sureties, U. S. Guarantee Co. Limit, 5 days. Plans and specifications filed.

ADDITION
(108) 4067 WATTS ST., EMERYVILLE. Addition to present shop.
Owner—Inlaid Floor Co., 600 Alabama St., San Francisco.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco.
Contractor—D. Nordstrom & Co., 4150 Emerald St., Oakland.
Filed, Aug. 7, '36. Dated, Aug. 8, '36.
Brick work complete $1313.50
Roof framing complete 1313.50
Completion 1313.50
Usual 35 days 1313.50
TOTAL COST, $5254.00
Limit, 45 days. Plans and Specifications filed.

DWELLING
(109) LOT 10 Belleview Park, Piedmont. Frame dwelling.
Owner—Virginia Offat and Milo T. Gates.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Wm. Livingston & Son, 1152 Euclid Ave., Berkeley.
Filed, Aug. 15, '36. Dated, Aug. 13, '36
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $29,150.65
Limit, Feb. 1, 1937. Plans and Specifications filed.

APARTMENTS
(110) NW COR. DUTTON AVE. and Kenilworth St., San Leandro. Two-story stucco frame court apartments.
Owner—C. J. Deutsch.
Architect—Bruce Barnard, San Jose.
Contractor—W. E. Bethel, 1338 67th St., Oakland.
Filed, Aug. 19, '36. Dated, Aug. 13, '36
Frame and roof complete $6018.75
Brown coated 6018.75
Completion 6018.75
Usual 35 days 6018.75
TOTAL COST, $24,075
Bond, $12,038. Sureties, Great American Indemnity Co. Limit, 90 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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4.—Factories and Warehouses
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6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
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13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Figured
APARTMENTS Cost, $.....
BURLINGAME, San Mateo Co., Calif. Almer Road.
Two-story frame and stucco apartment building (four 4-room apartments), flat tar and gravel roofing, hardwood floors, pine stairs, electric refrigeration, electric ranges, hot water heaters, individual gas burning hot air heating system, four-car garage, gravel roadway, stall showers and tubs of tile, chromium fixtures, etc.
Owner—Francaise Gros.
Architect—Oscar R. Thayer, 110 Sutter Street, San Francisco.
Among the contractors figuring are:
Mooney & MacDonald, 1474 Burlingame Ave., Burlingame.
Roy Allen, P. O. Box 62, Burlingame.

Contract Awarded
APARTMENTS Cost, $.....
EXETER, Tulare Co., Calif. C St. N. Pine.
Four duplex apartments (frame construction), stall showers, gas water heaters, electric refrigeration, etc.
Owner—Bert Killebrew, Exeter.
Architect—Not Given.
Street, Exeter.
Contractor—D. A. Graham, 234 S. E

Plans Being Figured
FLATS Cost, $.....
SAN FRANCISCO, Francisco Heights, Beaumont Street.
Two-story frame and stucco apartment building (four 4-room apartments), clay shingle flat roof, gas burning steam heating system, hardwood floors, wood sash, Philippine mahogany trim, etc.
Owner—F. G. Herring.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.

Bids Opened
APARTMENTS Cost, $.....
BURLINGAME, San Mateo Co., Calif. Almer Road.
Two-story frame and stucco apartment building (four 4-room apartments), flat tar and gravel roofing, hardwood floors, pine stairs, electric refrigeration, electric ranges, hot water heaters, individual gas burning hot air heating system, four-car garage, gravel roadway, chromium fixtures, etc.
Owner—Francaise Gros.
Architect—Oscar R. Thayer, 110 Sutter Street, San Francisco.
Low Bidder—Roy Allen, P.O. Box 62, Burlingame.
Complete bids follow:
Roy Allen, Burlingame.....$12,951
Mooney & McDonald, Burlingame 12,978
Oscar L. Cavanaugh, San Mateo 13,080
E. K. Nelson..... 13,995
Contract will be awarded to Roy Allen shortly.

Plans Being Completed
APARTMENT Cost, 25,000
OAKLAND, Alameda Co., Calif. Oakmore Highlands. (Clemens Road.)
Two-story frame and stucco apartment building (four 5-room apts.), oak floors, hot water heating system with oil-burning equipment, insulation, linoleum and oak floors, electric ranges, etc.
Owner—Daniel Stower, Sacramento.
Plans by Irwin M. Johnson, 2215 7th Ave., Oakland.
Bids will be asked in about two weeks.

Construction Postponed Indefinitely
APARTMENTS Cost, $.....
SAN FRANCISCO, Oak St., between Gough and Franklin Sts.
Four-story Class C concrete and steel frame apartment building (33 2-room apts.) concrete walls, etc.
Owner—Mary L. Curley.
Architect—Sidney A. Colton, 544 Market St., San Francisco.

Plans To Be Prepared
APARTMENTS Cost, $13,000
OAKLAND, Calif. Park Blvd. and Ivy Drive.
Two-story frame and stucco apartment buildings (two 4-room and one 5-room apartments), shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Howard.
Architect—Irwin M. Johnson, 2215 7th Ave., Oakland.

3— CHURCHES

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO, Calif. S. Market, 100 ft. E. 16th St.
One-story frame church building.
Owner—Central California Conference of Seventh-Day Adventists, San Jose.
Architect—C. H. Salyers, 4366 Meade Ave., San Diego.
Contractor—A. G. Sage, 98 San Diego Ave., San Francisco.

Contract Awarded
REPAIR CHURCH Cost, $7,500
SAN JOSE, Santa Clara Co., Calif. 601 S. Second Street.
Repair fire damage to church.
Owner—Centella Methodist Church, Premises.
Architect—Not Given.
Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.

Plans Being Prepared
CHURCH Cost, $25,000
SAN JOSE, Santa Clara Co., Calif., North Fifth St., between Jackson and Taylor.
One-story wood frame Buddhist Church.
Owner—Buddhist Church (Rev. Jokai Kow, Pastor), San Jose.
Architect — G. G. Shimamoto, 1390 O'Farrell Street, S. F.
Bids will be asked about Sept. 1st.

4— FACTORIES & WAREHOUSES

Plans Completed
WAREHOUSE Cost, $50,000
SACRAMENTO, Calif. No. 16th St.
One-story brick warehouse (160x240 feet), concrete floors and foundations, etc. (CCC supply depot.)
Owner and Builder—A. R. Meister, 204 N. 16th St., Sacramento.
Plans by Owner.
Lessee—U. S. Government.
Upon approval of plans by the Government, sub bids will be received by the owner.

Contract Awarded
WAREHOUSE Cost, $10,000
COLLEGE CITY, Colusa Co., Calif.
One-story wood frame warehouse (60x369 ft.), concrete floors, corrugated iron walls and roof, etc.
Owner—DePue Warehouse Company.
Architect—Not Given.
Contractor—F. H. Neilson, Orland.

Plans Being Figured
LAUNDRY Cost, $15,000
VALLEJO, Solano Co., Calif.
One-story laundry building (reinforced concrete or frame and stucco construction).
Owner—Vallejo Steam Laundry, Vallejo.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

To Be Done By Day's Work
ALTERATIONS Cost, $10,000
SAN FRANCISCO, Calif. 75 Folsom Street.
Alterations to metal plant.
Owner—Federated Metals Corp., 201 First Street.
Architect—Not Given.

Contract Awarded
FACTORY Cost, $8,000
OAKLAND, Calif. 7201 Hillside St
One-story brick and concrete factory.
Owner—Fisher Body Co., 6901 Foothill Blvd., Oakland.
Engineer—R. H. Cooley, 354 Hobart St., Oakland.
Contractor—Austin Company, 516 18th St., Oakland.

Contract Awarded
ALTERATIONS Cost, $5,497
SAN FRANCISCO, Calif. 148 Spear Street.
Alterations to factory.
Owner—Garratt-Callahan Co., Prem.
Engineer — W. H. Ellison, Pacific Building, San Francisco.
Contractor—F. R. Siegrist, 604 Mission St.
Complete bids published Aug. 6th.

Contrct Awarded
WAREHOUSE Cost, $5,500
OAKLAND, Calif. 2430 Poplar St.
One-story warehouse.
Owner—E. D. Rand.
Architect—Not Given.
Contractor—C. E. Sommarstrom, 627 Vernon St., Oakland.

Contract Awarded
FACTORY Cost, $6,500
OAKLAND, Calif. 1101 57th Ave.
One-story brick factory.
Owner—Ferro Enameling Co., 1100 57th Ave., Oakland.
Architect—Not Given.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland.

Plans Being Prepared
DIST. PLANT Cost, $4,000
OAKDALE, Stanislaus Co., Calif. A St. and West Railroad Ave.
Distributing Plant (two 12,000-gallon steel tanks on cement foundations, etc.).
Owner—M. C. Munson, Modesto.
Lessee—General Petroleum Corporation, 519 19th St., Oakland.
Architect—Not Given.

To Be Done By Day's Work
ALTERATIONS Cost, $4,000
SAN FRANCISCO. NW Broadway & Davis Streets.
Alterations to storage house.
Owner—Inez Fredericks, 375 Euclid Ave., Oakland.
Engineer — Harold B. Hammill, 381 Bush Street.

Foundation Contract Awarded
DISTILLERY Cost, $——
SAUSALITO, Marin Co., Calif.
Alterations to existing buildings and construction of a new group of building for whiskey distillery (reinforced concrete filter piles, concrete foundations, terra cotta tile walls, steel frame, copper and wood tanks, scales, cookers, etc.)
Owner—American Distillery, Sausalito
Architect—Not Given.
Concrete Foundations—C. A. Immel, 24 Catalpa Ave., Mill Valley.
Other awards will be made at a later date.

To Be Done By Day's Work
FACTORY Cost, $5,000
OAKLAND, Calif. 8410 Amelia St.
One-story factory building.
Owner—Wally Bushberg, 3439 E. 14th St., Oakland.
Architect—Not Given. 4

Contracts Awarded
ADDITION Cost, $2,000,000
EVERETT, Washington.
Addition to pulp mill (underground fresh water system, acid plant, pulp storage warehouse and filter building, etc.).
Owner—Everett Pulp Mill (Leo S. Burdon, Mgr.).
Contractor—Austin Company, Dexter Horton Bldg., Seattle.
Steel Welded Pipe—Steel Tank & Pipe Co., 518 N. Columbia Blvd., Portland.
Filter Plant—Shibley Co., Textile Tower, Seattle. 4

BIDS WANTED
NAPA COUNTY, Calif.—Until August 26, 2 p.m., bids will be received by John H. Skeggs, District Engineer, Division of Highways, State Building, San Francisco, for the construction of maintenance station buildings and appurtenances one-half mile north of Napa.
Plans and specifications may be obtained from above office upon deposit of $25.00.

Contracts Awarded
COMMERCIAL BLDG. Cost, $35,000
SAN FRANCISCO. Folsom Street, between 15th and 16th Streets.
One-story and mezzanine floor steel and sheet metal commercial building (75x245 ft.), sheet metal roof, concrete floors and footings, steel sash, part stucco finish.
Owner—General Enterprise Co.
Architect — A. H. Knoll, 1201 Hearst Bldg., San Francisco.
Structural Steel—Schrader Iron Wks., 1247 Harrison St.
Plumbing—Frank J. Klimm, 456 Ellis St.
Carpentry & Plastering—Peter Sartorio, 666 Mission St.
Glass—W. P. Fuller & Co., 301 Mission St.
Steel Rolling Doors—Kinnear Mfg. Co., 361 Brannan St.
Concrete—Louis Sartorio, 2627 Lombard St.

Bids Rejected—Plans Being Revised
FACTORY AND OFFICE $150,000
OAKLAND, Alameda Co., Cal. Thirty-fourth and Beach Streets.
One- and two-story brick factory and office building (120x260 feet), concrete floors, built-up composition roof, steam heating.
Owner—United Autographic Register Corp. (Carter Norris, Mgr.), 19th and Union Sts., Oakland.
Architect—Perlera & Perlera, 333 N. Michigan Ave., Chicago.
New bids will be asked shortly. Previous bids received were too high.

Contract Awarded
ALTERATIONS Cost, $5,254
EMERYVILLE, Ala. Co., Calif., 4067 Watts St.
Alterations and additions to present shop building.
Owner—Inlaid Floor Co., 600 Alabama St., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.
Contractor—David Nordstrom, 4150 Emerald St., Oakland.

Plans Being Revised
MFG. PLANT Cost, $.....
SAN FRANCISCO. SE 6th and Clementina Streets.
Four-story Class "C" mfg. plant (reinforced concrete walls and frame, metal stud, metal lath and plaster partitions, composition roofing, cement and linoleum floors, metal toilet partitions, steel sash, office equipment, passenger elevator sidewalk elevator, etc.).
Owner—Daivite Investment Company.
Architect—Sidney A. Colton, 544 Market Street.
Type of building has been changed to a Class C building from a Class B.

To Be Done By Day's Work
ALTERATIONS Cost, $50,000
SAN FRANCISCO, Calif., 20th and Illinois Sts.
Alterations to factory.
Owner—Bethlehem Shipbuilding Corporation, 20th and Illinois Sts.
Architect—Plans by Eng. Dept. of owner.

BIDS WANTED
SAN FRANCISCO.—Until Aug. 27, 2 P. M., bids will be received by the State Board of Harbor Commissioners Ferry Bldg., for roofing on the sheds of Piers 37, 30 and 32 and Bulkhead building and portion of shed of Pier 41 on the San Francisco waterfront.
The work involves:
(a) 1690 squares for Pier 37;
(b) 1550 squares for Piers 30 and 32;
(c) 330 squares for bulkhead building and portion of shed on Pier 41.
Plans and specifications may be obtained from above office upon deposit of $10.00.

Contract Awarded
ALTERATIONS Cost, $6,000
SAN FRANCISCO. 350 Townsend St.
Alterations to factory.
Owner—W. P. Fuller & Co., 301 Mission Street.
Architect—Not Given.
Contractor—A. Wilhelm, 666 Mission Street.

Plans Being Prepared
OFFICE, WHSE., ETC. Cost, $25,000
OAKLAND, Alameda Co., Calif.
One-story and mezzanine floor Class C reinforced concrete office building (warehouse, display room and storage space), concrete floors, tar and gravel roofing, steel sash, metal rolling doors, wire fencing, etc.
Owner—Moran Plumbing Supply Co., 323 11th St., Oakland.
Architect—Not Given.
Mgr. of Construction—Cyril Doane, 364 Bush St., San Francisco.
Segregated bids will be taken in two weeks.

Contract Awarded
SHOP Cost, $3,000
SAN FRANCISCO, Calif., N. Bryant St., E. Harriet.
One-story frame shop bilding.
Owner—George Wagner, 181 South Park St.
Architect—Not given.
ter St.

Contract Awarded
WAREHOUSE Cost, $60,000
BEKELEY, Alameda Co., Calif. 2531 6th Street.
Owner—California Corrugated Culvert Co., 7th and Carleton Way, Berkeley.
Engineer—R. K. Cowell, 516 18th St., Oakland.
Contractor—Austin Co., 516 18th St., Oakland.

Contract Awarded
WAREHOUSE Cost, $20,000
SAN FRANCISCO, Calif., S. E. Francisco & Kearny Streets.
One-story Class C warehouse.
Owner—Fibreboard Products Co., Inc. Montgomery and Francisco Sts.
Architect—Not given
Contractor—Lindgren & Swinerton, Inc., 225 Bush St.

Contract Awarded
SHOP Contract Price, $24,340
SAN FRANCISCO, Phelan Building.
New women's sport shop.
Owner—Roos Bros.
Architect — Albert R. Williams, 251 Post St.
Contractor — L. & E. Emanuel, 2665 Jones St.
Complete bids follow:

L. & E. Emanuel	$24,340
Mullen Mfg. Co.	25,223
Ostlund & Johnson	25,670
S. Kulchar & Co., Oakland	27,050
Fink & Schindler	27,557
William Bateman	28,178

All of San Francisco unless otherwise specified.

Revised Plans Being Completed
MFG. PLANT Cost, $.....
SAN FRANCISCO, SE 6th and Clementina Streets.
Four-story Class "C" mfg. plant (reinforced concrete walls and frame, metal stud, metal lath and plaster partitions, composition roofing, cement and linoleum floors, metal toilet partitions, steel sash, office equipment, passenger elevator, sidewalk elevator, etc.)
Owner—Daivite Investment Company.
Architect—Sidney A. Colton, 544 Market Street.
New bids will be asked within one week.

Tank Contract Awarded
ADDITIONS Cost, $250,000
SAN FRANCISCO, Carroll and Newhall Avenue.
Addition to brewery (fermenting cellar, storage cellar, boiler house) reinforced concrete and steel construction.
Owner—General Brewing Corp., 2601 Newhall Avenue.
Architect—Fred. H. Meyer, Kohl Bldg.
Contractor—Cahill Bros., 206 Sansome Street.
Tanks—Western Pipe & Steel Co., 444 Market Street.
As previously reported.
Structural Steel—Western Iron Wks.

141 Beale Street.
House Moving—D. J. & T. Sullivan, 1942 Folsom Street.

Contract Awarded
STORAGE PLANT Cost, $.....
SAN RAFAEL, Marin County, Calif. State Highway.
One-story storage plant (concrete foundation, concrete and wood construction).
Owner—General Petroleum Company, 519 19th Street, Oakland.
Plans by Engineering Department of Owner.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

Plans Being Prepared
ALTERATIONS Cost, $.....
STEGE, Contra Costa Co., Calif.
Alterations to chemical plant.
Engineer—K. Theill, 580 Market St., San Francisco.

CONTRACT AWARDED
SANTA MARIA, Santa Barbara Co., Cal.—O. C. Marriott & Co., 700 S McCielland St., Santa Maria, awarded a contract for erection of a new brick laundry building on the SW corner of West Main and Curryer Sts., Santa Maria, for the Superior Laundry; G. A. Cushing, properietor.

5— FLATS

To Be Done By Day's Work
ALTERATIONS Cost, $6,500
SAN FRANCISCO, Calif. 1128-30-32 Filbert Street.
Alterations to flats.
Owner—E. D. M. Remington, 1132 Filbert St.
Architect—Not Given. 5

Owner Taking Bids
FLATS Cost, $8,000
SAN FRANCISCO, Calif. Beaver St., near 15th .
Two-story and basement frame and stucco flats (two 5-room flats), tile and composition roofing, gas heating system, wood sash, tile baths and kitchen, hardwood floors, etc.
Owner—E. Lundgren, 1414 Pacific Ave.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 1056 Florida St.
Alterations to flats.
Owner—Mary Busby, premises.
Architect—Not Given.
Contractor—Monson Bros., 475 Sixth Street.

Contract Awarded
FLATS Cost, $8,000
SAN FRANCISCO. S North Point, 125 W Hyde Street.
Two - story and basement frame and stucco flats.
Owner—Emanuele S. Villa, 832 Bay.
Architect—Not Given.
Contractor—Tony D'Amico, 2345 Polk Street.

Segregated Bids Being Taken.
FLATS Cost, $27,000
SAN FRANCISCO. E Hyde Street N Chestnut.
Two - story and basement frame and stucco flats (2 flats, 8 rooms and 2 baths each; pent house with social hall, bedroom and bath) flat roof, with tile deck in front; gas fired steam heating system; all colored tile baths, hardwood finish, marble sinks, etc.
Owner—Jos. Blumenfeld.
Architect—S. Heiman, 605 Market St.

6—GARAGES & SERVICE STATIONS

Plans Being Prepared
SERVICE STATION Cost, $.....
WATSONVILLE, Santa Cruz Co., Calif.
Steel service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect — C. J. Ryland, Monterey and Carmel.

CONTRACT AWARDED
SERVICE STATION Cost, $5,000
BERKELEY, Alameda Co., Calif. 2030 Rose Street.
Service station.
Owner—H. Buekers.
Architect—Not Given.
Contractor—F. D. Alexander, 484 Wayne Ave., Oakland. 6

Contract Awarded
GARAGE Cost, $7,000
OAKLAND, Calif. 212 E. 12th St.
One-story brick garage.
Owner—Richard Fong, 556 10th St., Oakland.
Architect—Not Given.
Contractor—Oscar Soder, 841 Arlington St., Oakland.

Contract Awarded
ALTERATIONS Cost, $.....
SAN FRANCISCO, Calif. Post and Franklin Streets.
Alterations to service station.
Owner—Standard Oil Company, 225 Bush St.
Plans by Engineering Dept. of Owner.
Contractor—Grant-Martinelli, 44 Mary Street.

Contracts Awarded
GARAGE ADDN. Cost, $25,000
SAN FRANCISCO. E York St., 75 S Mariposa Street.
Addition to garage (87½ x 100 feet) structural steel and reinforced concrete construction.
Architect — A. H. Knoll, 1201 Hearst Bldg., San Francisco.
Contractor—Adam Arras, 666 Mission St.
Structural Steel—Schrader Iron Wks., 1247 Harrison St.

BIDS OPENED
YERBA BUENA ISLAND, Calif.—Alfred H. Vogt, 250 11th Street, San Francisco, at $14,633, submitted low bid to the State Department of Public Works, San Francisco Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, for the construction of a reinforced concrete garage, 30x55 feet, to be erected at the east portal of the Yerba Buena Tunnel on the north side of bridge at the level of the lower deck.
The work involves:
(1) 360 c.y. excavation;
(2) 190 sq. yds. preparation of subgrade;
(3) 40 c.y. concreet pavement, curbs and gutters;
(4) Building (general const.) lump sum
(5) Plumbing (lump sum);
(6) Electrical work (lump sum);
(7) Metal lockers (lump sum);
(8) 50 barrels extra Portland cement.
Complete bids follow:

Alfred H. Vogt		$14,633.00
	(1)	2.00
	(2)	.20
	(3)	15.00
	(4)	11,000.00
	(5)	700.00
	(6)	1,200.00
	(7)	175.00
	(8)	4.00
Empire Const. Co.		$16,200.00
	(1)	1.25
	(2)	.25
	(3)	16.00
	(4)	12,613.00
	(5)	800.00
	(6)	1,300.00
	(7)	99.00
	(8)	5.00
William C. Tait		$16,740.60
	(1)	1.37
	(2)	.66
	(3)	19.00
	(4)	12,777.00
	(5)	790.00
	(6)	1,520.00
	(7)	125.00
	(8)	3.00
M. B. McGowan, Inc.		$17,157.00
	(1)	3.00
	(2)	.50
	(3)	20.00
	(4)	13,357.00
	(5)	600.00
	(6)	1,000.00
	(7)	100.00
	(8)	2.50
Clinton Construction Co.		$18,778.00
	(1)	2.00
	(2)	.20
	(3)	20.00
	(4)	14,600.00
	(5)	900.00
	(6)	1,500.00
	(7)	100.00
	(8)	2.40

Bids held under advisement.

Plans Complete
SERVICE STATION Cost, $7,000
SAN FRANCISCO, Calif. SW Presidio and California St.
Steel service station and steel rest room.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of owner.

7— FEDERAL BUILDINGS

BIDS OPENED
ROSEVILLE, Placer Co., Calif.—Chamberlin Metal Weather Strip Company, Detroit, Michigan, at $289, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Roseville.
Other bids were:
Robbins Mfg. Co., Chicago, Ill.....$311
Ceco Weatherstrip & Screen Products Co., Chicago, Ill..... 390
Bids held under advisement.

BIDS OPENED
STOCKTON, San Joaquin Co., Cal.—Chamberlin Metal Weather Strip Co., Detroit, Mich., at $121, submitted low bid to Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing insect screens and window ventilators in the U. S. Post Office, Stockton. Only other bid was submitted by Public Building Contractors, Bronx, New York, at $474.
Bids held under advisement.

Contract Awarded
FEDERAL JAIL Cont. Price, $897,000
SAN PEDRO, Los Angeles Co., Calif. Reservation Point.
New Federal Jail to serve Southern California and Arizona.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Robert E. McKee, 108 W. 6th St., Los Angeles.
The plant will be built in the shape of a rectangle and will cover an area of 680x250 ft. It will consist of a number of units constructed around a central court, including an administration building, storage warehouse, shops, power house, dormitories, recreation rooms, cell blocks, auditorium, mess hall, service rooms, etc.

PLANS ON FILE
LOS ANGELES, Calif.—Plans and specifications for the U. S. Post Of-

fice and Courthouse building to be erected in Los Angeles, for which bids will be opened September 15, 1 p.m., in Washington, D. C., are on file in the office of Arthur Newman, District Engineer, Public Buildings Branch, Procurement Division, Federal Office Building, San Francisco, and may be inspected by those interested.

Site Selected
POST OFFICE Cost, $87,000
TULARE, Calif. NE Tulare and M Streets (150x200 feet).
U. S. Post Office building
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Bids Wanted—To Close Sept. 29th, 1 P. M.
POST OFFICE Cost, $500,000
SAN DIEGO, San Diego Co., Calif.
U. S. post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office.

Complete Bids
POST OFFICE Cost, $95,000
MARTINEZ, Contra Costa Co., Calif. Court and Ward Streets.
One-story and mezzanine floor U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D.C.
Low Bidder—George Petersen, 1841 Bancroft Ave., San Leandro.
Schuler & McDonald, Oakland..$79,700
Bids held under advisement.

BIDS WANTED
SAN FRANCISCO, Cal.—Until September 1, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for alterations and additions in Rooms Nos. 124 and 126 in the Federal Office Building at San Francisco.
Plans and specifications may be obtained from above office and from the Custodian of the Building, San Francisco.

LOW BIDDERS
SAN FRANCISCO, Calif.—Louis C. Dunn, Monadnock Building, San Francisco, at $26,580, submitted low bid to Treasury Department, Washington, D. C., for miscellaneous repairs and alterations to Appellate Court Quarters, Third Floor, U. S. Post Office and Courthouse, San Francisco. Second low bid was submitted by Central California Construction Company, San Francisco, at $28,660.

Contract Awarded
NAPA, Calif. — Raphael Company, 270 Tehama Street, San Francisco, at $1,690, awarded contract by Treasury Department, Washington, D. C., for decorative painting, plastering, etc., in the U. S. Post Office, Napa.

Contract Awarded
POST OFFICE Cont. Price, $116,000
FLAGSTAFF, Arizona.
U. S. Post Office Building, three-story and basement (93x81 ft.), concrete foundations; brick walls, structural steel, stone base course, brick walk, vault, steel windows, hollow metal work, cork carpet, two-pipe vacuum heating system, lawn sprinkler system, etc.
Owner—United States Government.
Plans by Supervisionf Architect of the Treasury Dept., Washington, D.C.
Contractor—Robert E. McKee, 108 W. 6th St., Los Angeles.
Complete bids published Aug. 7th.

Contract Awarded
POST OFFICE Contract Price, $57,420
TRACY, San Joaquin Co., Calif. 12th and East Adams Streets.
U. S. post office building (two-story, 87x65-feet) concrete walls, stone trim, tile roof, ornamental iron work, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—K. E. Parker Co., 136 So. Park, San Francisco.

8— CLUB BUILDINGS

Ventilating Bids Being Taken
ALTERATIONS Cost, $100,000
BERKELEY, Alameda Co., Campus of the University of California.
Structural changes and miscellaneous work at Stephens Union.
Owner—University of California.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Structural Engineer—H. J. Brunnier, Sharon Bldg., and W. L. Huber, 1 Montgomery St., San Francisco.
Mgr. of Const.—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.
Ventilating bids are now being received by Dinwiddie Construction Co.

Plans Being Completed
REMODELING Cost, $10,000
NAPA, Napa Co., Cal. 920 Brown St.
Remodeling first floor exterior, stores and offices; interior remodeling on second floor, move stairway, new buffet and kitchen, interior decorating, etc.
Owner—Elks Lodge.
Plans prepared by C. Leroy Hunt, 989 Second St., Napa.
Bids will be asked in about one week.

9— HOSPITALS

Plans Being Completed
HOSPITAL ADDN. Cost, $90,000
SACRAMENTO, Sacramento Co., Cal. Fifty-second and F Streets.
Two-story fireproof maternity hospital addition (48 beds), steam heat; air conditioning system.
Owner—Sutter Hospital.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento
Structural Engineer—F. W. Kelberg, 320 Market Street.

Contracts Awarded
ADDITION Cont. Price, $191,890
TALMAGE, Mendocino Co., Calif.
Two-story reinforced concrete addition to Custodial Unit at State Hospital.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor — F. C. Amoroso & Sons, Wallace and Keith Streets, San Francisco.
Electric—Central Electric Co., 179 Minna St., San Francisco—$5,695.
Heating & Ventilating—Pacific Heating & Ventilating Co., 354 Hobart Street, Oakland——$13,750.
Plumbing—Scott Co., 243 Minna St., San Francisco—$28,537.
Complete bids published August 5.

Preparing Working Drawings
DETENTION HOME Cost, $25,000
NAPA, Napa Co., Calif.
One-story frame and stucco detention home (140x32 ft.) to accommodate 16; lavatories, kitchens, offices etc.
Owner—County of Napa.
Architect—George Sellon, California State Life Bldg., Sacramento.
Bids will be asked about Sept. 1.

BIDS OPENED
SAN FRANCISCO, Calif.—California Steel Products Company, 490 Bay Street, at $379, submitted only bid to Construction Quartermaster, Fort Mason, for repairs to steam drums on four boilers in power house at the Letterman General Hospital, San Francisco. Bid held under advisement.

New General Bids Wanted—To Close Sept. 15, 2 P. M.
ADDITION Cont. Price, $191,890
TALMAGE, Mendocino Co., Calif.
Two-story reinforced concrete addition to Custodial Unit at State Hospital.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
F. C. Amoroso & Sons, Wallace and Keith Streets, San Francisco, were previously awarded the general contract at $191,890, but have claimed an error in adding sub items and have withdrawn their bid.
Plans and specifications may be obtained from the architect upon deposit of $25.00.
As previously reported.
Electric — Central Electric Co., 179 Minna St., San Francisco—$5,695.
Heating & Ventilating—Pacific Heating & Ventilating Co., 354 Hobart Street, Oakland—$13,750.
Plumbing—Scott Co., 243 Minna St., San Francisco—$28,537.

Contract Awarded
ADDITION Cost, $.....
WILLITS, Mendocino Co., Calif.
New wing at Howard Memorial Hospital (15 additional beds).
Owner—Howard Memorial Hospital.
Architect—Not Given.
Contractor—A. O. Lightford, Upper Lake, Calif.

Contemplated
HOSPITAL Cost, $60,000
HOLLISTER, San Benito Co., Calif.
New county hospital building.
Owner—County of San Benito.
Architect—Not Selected.
Application will be filed with the WPA to assist financing.

Plans Being Completed
HOSPITAL Cost, $.....
MERCED, Calif.
Two-story Class C addition to hospital (20 beds).
Owner—Mercy Hospital, Merced, Cal.
Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.
Bids will be asked in about two weeks.

Plans Being Prepared
HOSPITAL Cost, $.....
MERCED COUNTY, Calif., near Gustine.
West Side Hospital (to serve communities of Gustine and Newman).
West Side Hospital.
Architect—Russell Guerne DeLappe, 5905 Keith Ave., Oakland.

To Ask Bids Shortly
HOSPITAL Cost, $20,000
COALINGA, Fresno Co., Calif.
One - story and basement hollow tile fireproof hospital (15 to 18 beds) composition roof, linoleum floor covering, etc.
Owner—Pleasant Valley Hospital Association.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Board of Directors is composed of: Hans R. Sumpf, chairman; F. J. McCollum, vice-president; V. D. Davis, treasurer; W. H. Grant, A. W. West, Arthur Blank and Phil Babel.
Loran C. Vanderlip, secretary, and V. D. Davis, chairman of solicitation and finance.

Contract Awarded
ADDITION Cost, $.....
GRASS VALLEY, Nevada Co., Calif.
Addition to hospital building (add 25 rooms).
Owner—Landis Clinic (Dr. Richard P. Landis).
Architect—Not Given.
Contractor—Ralph H. Cochrane, 220 Colfax Ave., Grass Valley.

10— HOTELS

Planned
HOTEL Cost, $.....
ANGELS CAMP, Calaveras Co., Calif.
Thirty-room hotel building (2 stories), 112x80 feet.
Owner—J. H. Bazinett, 26 Crescent Ave., San Francisco.
Architect—Not Selected.
Further details will be announced shortly.

Kitchen Equipment & Furniture Bids Being Taken
ALTERATIONS Cost, $50,000
CHICO, Butte Co., Calif. Second and Salem Streets.
Alterations and additions to hotel (add fifty bath rooms, 90 tubs; repair foundations, etc.).
Owner—Hotel Oaks, Chico.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans Completed
ALTERATIONS Cost, $30,000
SAN FRANCISCO, Calif. Location withheld.
Alterations to seven-story Class C hotel building (to have 96 rooms and baths and showers), lobby to be refinished, new tubs and showers, etc.
Owner—Name withheld.
Architect—Oscar R. Thayer, 110 Sutter Street.

Work Started
ALTERATIONS Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
One-story addition to Stanford Union (addition to dining room, reception lobby, etc.).
Owner—Stanford University.
Architect—John Bakewell and Arthur Brown, Jr., 251 Kearny St., San Francisco.
Contractor—George Wagner, 181 So. Park St., San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Preparing Preliminary Plans
ADDITIONS Cost, $186,000
SAN RAFAEL, Marin Co., Calif.
Addition to courthouse and extension improvements and additions at County Farm.
Owner—County of Marin.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Application will be filed with the PWA for a loan and grant.

Preparing Preliminary Plans
AUDITORIUM Cost, $200,000
REDDING, Shasta Co., Calif.
New Civic Auditorium.
Owner—City of Redding.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Application filed with the PWA for a loan and grant to finance proposed structure.

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 4208 Wilshire Boulevard.
One-story frame and stucco residence (five rooms).
Owner—L. H. Oder, 2121 Santa Clara Ave., Alameda.
Architect—Not Given.
Contractor—S. J. Dowling, 2800 Clay St., Alameda.

Contract Awarded
ALTERATIONS Cost, $3500
SAN FRANCISCO. 829 York Street.
Alterations to residence.
Owner—Luigi Bernardi, 829 York St.
Architect—Not Given.
Contractor—Victor Oliva, 2731 24th St.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 17th Avenue E Moraga.
Five one - story and basement frame and stucco residences.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given.

Sub Bids Being Taken
RESIDENCE Cost, $7,000
SAN MATEO CO., Calif. Aragon Tract.
Two-story frame and stucco residence (7 rooms, 2 baths), shingle roofing, gas heating system, wood sash, hardwood floors, tile baths.
Owner & Builder—Bernhard Wiklander, 29th and Juno Ave., San Mateo.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Plans Being Prepared
RESIDENCE Cost, $7,000
SAN FRANCISCO, Calif. Richmond District.
Two-story frame and stucco residence (6 rooms), composition shingle roof, gas heating system, wood sash, hardwood floor, tile bath, etc.
Owner—Mrs. Nichols.
Mgr. of Construction—Cyril Doane, 364 Bush Street.
Segregated bids will be taken in two weeks.

Contract Awarded
RESIDENCE Cost, $8,000
BERKELEY, Calif. 744 Spruce St.
Two-story frame and stucco residence (7 rooms).
Owner—Phillip Johnson, 505 Kenwood Way, San Francisco.
Architect—George Rushforth, 21 San Mateo Road, Berkeley.
Contractor—E. M. Sorenson, 1907 Parker St., Berkeley.

Contract Awarded
RESIDENCE Cost, $12,000
OAKLAND, Calif. 5953 Manchester Drive.
Two-story and basement frame and stucco residence (9 rooms).
Owner—T. J. Finerty.
Architect—Not Given.
Contractor—A. W. Shaw, 5401 Broadway, Oakland.

Plans Being Prepared
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif. Forest Hill.
Two-story frame, stucco and rustic residence (5 rooms), composition shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Mr. Brown.
Architect—Not Given.
Mgr. of Construction—Cyril Doane, 364 Bush St.

Plans Being Prepared
RESIDENCE Cost, $.....
SAN ANSELMO, Marin Co., Calif.
One-story frame, stucco and wood siding residence (5 rooms), shingle roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Name withheld.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

August 15, 1936.

Contract Awarded
RESIDENCE Cont. Price, $7,250
SAN FRANCISCO. S Marcella, West Sola Avenue.
Two - story and basement frame and stucco residence.
Owner—J. A. Selberlick, 1 Sola Ave.
Architect—G. A. Berger, 309 Valencia Street.
Contractor—L. Murer, 1274 Quesada St., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,000
ALAMEDA, Calif. 1738 Cambridge Drive.
Two-story frame and stucco residence (6 rooms).
Owner—H. J. Janssen, 2500 Washington Way, Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Calif. 3084 Frye St.
One-story and basement frame and stucco residence (6 rooms).
Owner—L. N. Mitchell, 3080 Frye St., Oakland.
Architect—Not Given.
Contractor — Philip L. Coats, 2837 Foothill Blvd.

Contract Awarded
RESIDENCE Cost, $10,500
OAKLAND, Calif. 6159 Acacia Ave.
Two-story and basement frame and stucco residence (9 rooms).
Owner—C. A. McKenzie, 883 Indian Rock Drive, Berkeley.
Architect—Not Given.
Contractor—H. K. Schulz, 811 Mendocino Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO, Calif. SW Junipero Serra, Woodacre.
Two-story and basement frame and stucco residence.
Owner—Wallace R. Lynn, 268 Market Street.
Architect—John E. Dinwiddie, 360 Pine St.
Contractor—Stoneson Bros., 1 Sloat Blvd., San Francisco.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 ea.
S. Kirkham Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Company.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $2,700
SAN JOSE, Santa Clara Co., Calif. N. Paula St., bet. Lincoln and Northrup.
One-story frame residence and double garage.
Owner—Henry Schiro, 19 Richards Ave., San Jose.
Architect—Not Given.
Contractor—Salvatore Guardino, 690 Mission St., San Jose.

Plans Being Figured
RESIDENCE Cost, $.....
HILLSBOROUGH, San Mateo Co., Calif.
Two-story and basement frame and stucco residence 7 rooms, 3 baths) cement plaster exterior, gas heating system, etc.
Owner—Mrs. Leigh Sypher.
Architect—Gardner Dailey, 310 Post Street, San Francisco.
A. F. Mattock, 212 Clara St., San Francisco, is the only contractor figuring the plans.

Contract Awarded
RESIDENCE Cont. Price, $5,750
SANTA ROSA, Sonoma Co., Calif.
One-story and basement frame and

stucco residence (5 rooms), shake roof, circulating heating system, wood sash, hardwood floors, etc.
Owner—A. Z. Blackman.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—E. Ahlstrom, 323½ Santa Rosa Ave., Santa Rosa.

Contract Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO, Calif., N. Green St., W. Baker.
One-story and basement frame and stucco residence.
Owner—H. A. Collins, 321 Kearny St.
Architect — Albert H. Larsen, 333 Kearny St.
Contractor—Oliver M. Rousseau, 321 Kearny St.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 756 E Taylor Street.
One - story and basement frame and stucco residence (5 rooms).
Owner—Harry R. Cook, 766 N 16th St., San Jose.
Architect—Not Given.
Contractor—Dudley Const. Co., 1074 Willow Glen Way, San Jose.

Contract Awarded
RESIDENCE Cost, $15,000
PIEDMONT, Alameda Co., Calif. 201 Sandringham Road.
Two-story and basement frame and stucco residence (10 rooms).
Owner—Dr. W. H. Humphrey, 2727 Renwick Ave., Piedmont.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland.

Contract Awarded
RESIDENCE Cost, $16,000
PIEDMONT, Alameda Co., Calif. 84 Cambrian Road.
Owner—George Gerken, 502 Beverly Ave., San Leandro.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland.

Plans Being Completed
RESIDENCE Cost, $.....
BERKELEY, Calif. Le Conte Ave.
One-story and basement frame and stucco residence (5 rooms).
Owner—Name withheld.
Architect—Williams & Wastell, 374 17th St., Oakland.
Bids will be asked within one week.

Contract Awarded
RESIDENCE Cost, $6,500
PIEDMONT, Calif.
Two-story frame and stucco residence (6 rooms, 2 baths).
Owner—H. M. Thomas.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—L. R. McWethy, 51 Vernon St., Oakland.

Owner Taking Bids
RESIDENCE Cost, $.....
MERCED, Calif.
Two-story and basement frame and stucco residence (8 rooms, 2 baths), shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—M. J. Wyndelts, Merced.
Architect—Norman R. Coulter, 41 Kearny St., San Francisco.

Contract Awarded
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 5974 Estates Drive.
Two-story and basement frame and stucco residence (8 rooms).
Owner—Capt. Magee, Mesa Ave., Piedmont.
Architect—Not Given.
Contractor—C. M. Teigland, 4668 Dolores Ave., Oakland. 14

Preparing Working Drawings
RESIDENCE Cost, $15,000
MARIN CO., Calif. Del Mesa.
Two-story frame and stucco residence (8 rooms, 3 baths), tile roof, hardwood floors, tile baths, etc.
Owner—Name withheld.
Architect — Roland Stringham, 525 Market St., San Francisco.
Bids will be asked at a later date.

Contract Awarded
RESIDENCE Cost, $6,000
SACRAMENTO, Calif. 1751 11th Ave.
One-story frame and stucco residence.
Owner—C. B. Strickland.
Architect—Not Given.
Contractor—J. Johnson & Son, 1923 17th St., Sacramento. 1

To Be Done By Day's Work
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. 1055 Park Lane.
Two - story and basement frame and stucco residence (7 rooms).
Owner and Builder—David Kesti, 2217 Browning St., Berkeley.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,900
STATES SPRING, Monterey Co., Cal. 40 miles south of Monterey.
Two-story frame residence.
Owner—H. C. Murphy, Salinas.
Architect—Chas. Butner, 51 Maple St. Salinas.
Contractor—A. D. Irving, Box 1014, Carmel.

Plans Being Prepared
ADDITION Cost, $4,000
LAFAYETTE, Contra Costa Co., Cal.
Addition to residence (adobe const.)
Owner—Harry Hindman.
Architect—B. Reede Hardman, 2068 Allston Way, Berkeley.

Plans Completed
RESIDENCE Cost, $12,000
SAN FRANCISCO, Calif., Marina Blvd., W. Broderick St.
Two 2-story and basement frame and stucco residences (8 rooms, 4 baths each) tile and composition roofing, circulating hot water heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Ben Liebman, 1555 Francisco Street.
Architect—R. R. Irvine, 3431 Market Street.
Sub-bids will be taken shortly.

Plans Being Prepared
HIGH SCHOOL Cost, $73,000
JUNCTION CITY, Oregon.
One-story brick veneer school building.
Owner—Union High School District 13 (Argus Gilson, clerk).
Architect—C. N. Freeman, Concord Bldg., Portland.

Sub-Contracts Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO. Dolores St. and Sixteenth.
One - story and basement frame and stucco residence.
Owner—Sisters of HolyTrinity, Inc., premises.
Architect—Edw. A. Eames, 216 Pine.
Contractor—Barrett & Hilp, 918 Harrison Street.
Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts.
Plumbing—Dowd & Welch, 3516 16th.
Plastering—Herman Bosch, 2075 Folsom Street.
Electric—Delatour Elec. Co., 666 Mission Street.
Lumber—Rolando Lbr. Co., 301 Berry Street.

Contract Awarded
ALTERATIONS Cost, $2,000
STOCKTON, San Joaquin Co., Calif. 2102 North California Street.
Alterations to residence.
Owner—Wm. A. Stuart, 2102 N. California St., Stockton.
Architect—Not Given.
Contractor—H. W. Johnson, 1229 W. Magnolia St., Stockton. 14

August 14, 1936

Contract Awarded
RESIDENCE Cost, $3,000
STOCKTON, San Joaquin Co., Calif. 2507 North California Street.
One-story rustic residence (4 rooms).
Owner—Antonio Scannavino.
Architect—Not Given.
Contractor—P. Nomellini, 2422 Alma Ave., Stockton. 14

To Be Done By Day's Work
RESIDENCE Cost, $6,500
BELLEHAVEN CITY, San Mateo Co. Calif. Henderson Street.
One - story and basement frame and stucco residence.
Owner and Builder—D. D. Bohannon, 525 Dorcester Road, San Mateo.
Architect—Not Given. 14

Contract Awarded
ADDITION Cost, $2,000
PALO ALTO, Santa Clara Co., Calif. 840 University Avenue.
Addition to residence.
Owner—D. G. Davis.
Architect—John K. Branner, 210 Post St., San Francisco.
Contractor—H. H. Dabinett, 959 Guinda St., Palo Alto.

Plans Being Figured—Bids Close Aug. 28, 2 P. M.
RESIDENCE Cost, $75,000
ATHERTON, San Mateo Co., Calif.
Two - story wood frame residence (15 rooms, 10 baths), stables, two garages, tennis courts, roadwork, etc. (shingle roofing, hot water heating system, etc.).
Owner—B. B. Meek.
Architect—J. C. McKenzie, New York City.
Supervising Architect — Angus McSweeney, 604 Mission Street, San Francisco.
Following will submit bids:
A. F. Mattock, 212 Clara St., San Francisco.
Richard Minor, 1444 Burlingame Ave., Burlingame.
G. W. Williams Co., 315 Primrose Rd., Burlingame.
Ralph Knight, 595 Bailey Ave., Mt. View.
Jacks and Irvine, 620 Market St., San Francisco.

Contract Awarded
RESIDENCE Cost, $3,500
PALA ALTO, Santa Clara Co., Calif. 1200 College Avenue.
One-story frame and stucco residence
Owner and Builder—Alfred Lpuh, Los Altos.
Plans by W. W. Harper, care owner.

Contract Awarded
RESIDENCE Cost, $5,500
ALAMEDA, Calif. 3271 Thompson Ave.
One-story and basement frame and stucco residence (5 rooms).
Owner—Henry Horn, 170 Upland Dr., San Francisco.
Architect—Not Given.
Contractor — Morris & Debrit, Pinehurst Way, San Francisco.

Contract Awarded
RESIDENCE Cost. $4,500
SAN FRANCISCO, Calif. E. 47th Ave 50 ft. S. Rivera.
Two one-story and basement frame and stucco residences.
Owner—Edward Cornblum, 510 26th Ave.

Architect—W. E. Husom, 2803 Pierce.
Contractor—A. Langley. *

Plans Being Prepared.
RESIDENCE Cost, $12,500
ROSS, Marin Co., Calif.
Two - story and basement frame and stucco residence (10 rooms and 4 baths) shake roof, gas heating system, wood sash, colored tile baths, hardwood floors, etc.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Refigured
RESIDENCE Cost, $75,000
ATHERTON, San Mateo Co., Calif.
Two - story wood frame residence (15 rooms, 10 baths) stables, two garages, tennis courts, roadwork, etc. (shingle roofing, hot water heating system, etc.)
Owner—B. B. Meek.
Architect—J. C. McKenzie, New York City.
Supervising Architect — Angus McSweeney, 604 Mission Street, San Francisco.

Contract Awarded
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas heating system, hardwood floors, tile baths etc.) California Monterey style.
Owner—W. J. Clark, care architect.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
Contractor—Randolph Parks, 1847 Yosemite, Berkeley. *

Contract Awarded
RESIDENCE Cost, $7,500
MILLBRAE, San Mateo Co., Calif. Barclay and Magnolia.
Two-story frame and stucco residence.
Owner—J. Isola.
Architect—Not Given.
Contractor—D. J. Daley, 56 Cavour St., Daly City.

Contract Awarded
RESIDENCES Cost, $5,000 ea.
OAKLAND, Calif. 3684 Redwood Rd.
Two one-story and basement frame and stucco residences (5 rooms each).
Owner—C. Robert Adams, 62 Farragut Ave., Piedmont.
Architect—Not Given.
Contractor—Frank W. Anderson, 2111 Ashby Ave., Berkeley. 1

Contract Awarded
RESIDENCE Cost, $6,500
SAN FRANCISCO, Calif. W. Beaumont, N Turk Street.
Two-story and basement frame and stucco residence.
Owner—J. Brennan, 225 Benton St.
Plans by C. E. Baker, 155 Montgomery Street.
Contractor—Robit McCarthy, 1363 14th Ave.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 ea.
SAN FRANCISCO, Calif. E. Goettingen, S. Wayland.
Three one-story and basement frame and stucco residences.
Owner and Builder—G. Carraro, 750 Felton Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, Calif. E. 29th Ave. N. Vicente St.
Seven one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger Builder, Inc., 320 Judah St.
Plans by Owner.

Contract Awarded
RESIDENCE Cost, $.....
SAN FRANCISCO, Calif. Francisco Heights.
One - story and basement frame and stucco residence (6 rooms), tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Boekin.
Architect—George Ralph, 110 Sutter Street.
Contractor—Albin Lindgren, 346 Lowell Street.

Contract Awarded
RESIDENCE Cost, $11,500
HILLSBOROUGH, San Mateo Co., Cal.
Two-story and basement brick veneer and stucco residence (7 rooms, 2 baths), shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Name withheld.
Architect — Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Oscar L. Cavanaugh, 432 Occidental Ave., San Mateo.

Contract Awarded
ADDITION Cost, $2500
PALO ALTO, Santa Clara Co., Calif. 231 Washington Avenue.
Addition to residence.
Owner — E. Gerslin, 231 Washington Ave., Palo Alto.
Architect—Not Given.
Contractor—Louis Anderson, Menlo Park. 14

Contract Awarded
RESIDENCE Cost, $5,500
ALAMEDA, Calif. 910 Regent Street.
Two-story frame and stucco residence (7 rooms).
Owner—H. S. Salsbury.
Architect—Not Given.
Contractor—Walter H. Anderson, 1014 Doris Court, Alameda.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. Cumberland St.
One - story and basement frame and stucco residence (five rooms) tile roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—George Schicht.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—E. W. Perkins, 510 Stockton Street. *

Contract Awarded
RESIDENCE Cost, $6,500
BERKELEY, Calif. 558 Santa Barbara Road.
One-story frame and stucco residence (6 rooms).
Owner—Wm. Melay, Jr., 2306 Ellsworth, Berkeley.
Architect—Not Given.
Contractor — Wm. McCoy, Jr., 2306 Ellsworth, Berkeley.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Calif. 1547 Liemert Blvd.
Two-story frame and stucco residence (6 rooms).
Owner—L. A. Neill, 4188 Park Blvd., Oakland.
Architect—Not Given.
Contractor—Wm. P. Harwood, 3514 Lyon, Oakland.

Contract Awarded
RESIDENCE Cost, $6,500
SAN MATEO, San Mateo Co., Calif. 893 19th Avenue.
One - story and basement frame and stucco residence.
Owner—P. Pelette.
Architec—Not Given.
Contractor—Louis J. Roberts 121-A Carl St., San Francisco. 1

To Be Done By Day's Work
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO, Calif. E. Talbot, S. Visitacion.
Two one-story and basement frame and stucco residences.
Owner and builder, The Ruegg Company, 369 Pine Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
REDWOOD CITY, San Mateo Co. Cal. 904 Arlington Road.
One - story and basement frame and stucco residence.
Owner and Builder—C. H. Beckman, Scenic Drive, Redwood City.
Architect—Not Given. 14

Contract Awarded
RESIDENCE Cost, $.....
TURLOCK, Stanislaus Co., Calif.
One - story and basement frame residence (8 rooms and 2 baths), wood siding, shingle roofing, wood sash, hardwood floors, tile baths, etc.
Owner—Frank Sterling, Turlock.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—John Lund, 948 E. Main St., Turlock.

Contract Awarded
RESIDENCES Cost, $6,000 ea.
OAKLAND, Calif. Thornhill Park.
Two one-story and basement frame and stucco residences (one 5-rm. and one 7-rm.).
Owner—E. R. DeChene, 364 14th St., Oakland.
Plans by owner.
Contractor—James L. Rich, 556 37th St., Oakland. 14

Contract Awarded
RESIDENCE Cost, $17,000
MERCED, Calif. Bradley Addition, East 21st Street.
Two-story frame stucco and brick residence.
Owner—V. G. Preston, Merced.
Architect—Chas. Butner, 51 Maple St., Salinas.
Contractor—Liner & Allen, P.O. Box 43, Merced.

Plans Being Figured
RESIDENCE Cost, $75,000
ATHERTON, San Mateo Co., Calif.
Two - story wood frame residence (15 rooms, 10 baths), stables, two garages, tennis courts, roadwork, etc. (shingle roofing, hot water heating system, etc.).
Owner—B. B. Meek.
Architect—J. C. McKenzie, New York City.
Supervising Architect — Angus McSweeney, 604 Mission Street, San Francisco.
Following will submit bids:
A. F. Mattock, 212 Clara St., San Francisco.
Richard Minor, 1144 Burlingame Ave., Burlingame.
G. W. Williams Co., 315 Primrose Road, Burlingame.
Ralph Knight, 595 Bailey Ave., Mt. View.
Jacks and Irvine, 620 Market St., San Francisco.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 each
SAN FRANCISCO. W Rosewood, S Fernwood and W Maywood North Brentwood.
Two one - story and basement frame and stucco residences.
Owner and Builder—Paul A. Wolter, Jr., 198 Maywood Drive.
Architect—Conrad Kett, 519 California Street.

Low Bidder
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. St. James Wood.
Two-story frame and stucco residence (7 rooms and 2 baths), gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Allen Schutter.
Architect — Clarence Mayhew, 6026 Acacia Ave., Oakland.
Low Bidder—Mark Bristol, 1038 McKinley, Oakland.

Contract Awarded
RESIDENCE Cost, $10,600
BAYWOOD, San Mateo Co., Calif.
Two-story and basement frame residence (9 rooms, 3 baths), shingle tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—J. O. Elmer.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—R. A. White, 744 Crossway Road, Burlingame.
Contract awarded on cost-plus basis.

Contract Awarded
RESIDENCE Cost, $7,000
SACRAMENTO, Sacramento Co., Cal. 3651 Cutter Way.
Two-story frame and stucco residence
Owner—Fred Ensinger.
Architect—Not Given.
Contractor—J. Johnson & Son, 1923 17th St., Sacramento.

Contract Awarded
RESIDENCE Cost, $6500
SACRAMENTO, Sacramento Co., Cal. 451 45th Street.
One - story and basement frame and stucco residence.
Owner—J. Mosco.
Architect—Not Given.
Contractor—Mabrey & De Cuir, 2123 36th St., Sacramento.

To Be Done By Day's Work
RESIDENCES Cost, $2,750 each
EL CERRITO, Contra Costa Co., Cal. Villanova Tract.
Thirty-five 1-story frame residences.
Owner and Builder—A. Hammarberg, 2340 LeConte Ave., Berkeley.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. 440 Vassar.
Two-story frame and stucco residence (7 rooms).
Owner and Builder—Milton S. Bonds, 582 Spruce St., Berkeley.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost $7500 each
SAN FRANCISCO. E 25th Avenue N Ocean Avenue.
Seven two-story and basement frame and stucco residences.
Owner and Builder—James Arnott & son, 633 Taraval Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 each
SAN FRANCISCO. E 24th Ave. S. Ocean Ave.
Six one - story and basement frame and stucco residences.
Owner and Builder—R. F. Galli, 377 West Portal Ave.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
OAKLAND, Calif. 5217 Proctor Ave.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—W. A. Netherby, 3853 Lyman Road, Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $4500 each
SAN FRANCISCO. W 18th Ave. N Vicente St.
Two one - story and basement frame and stucco residences.
Owner and Builders—Meyer Bros., 735 Portola Drive.
Architect—Not Given.

Contract Awarded
DUPLEX RES. Cost, $10,500
FRESNO, Calif. 915-17 N. Van Ness Ave.
One-story frame and stucco duplex residence.
Owner—Mr. Overholser.
Architect—Not given.
Contractor—Central Valley Construction Co., P. O Box 846, Fresno.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO, Calif. S. Deming. E. Clayton St.
Four one-story and basement frame and stucco residences.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Ave.
Plans by owners.

Contract Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO. E San Andreas Way N Monterey Blvd.
Two - story and basement frame and stucco residence.
Owner—D. H. Hughes, 330 West Portal Avenue.
Architect—Masten & Hurd, 233 Post.
Contractor — Henry Papenhausen, 595 Victoria Street.

Bids Opened
RESIDENCE Cost, $.....
SANTA ROSA, Sonoma Co., Calif.
One-story and basement frame and stucco residence (5 rooms), shake roof, circulating heating system, wood sash, hardwood floors, etc.
Owner—A. Z. Blackman.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—E. Ahlstrom, 323½ Santa Rosa Ave., Santa Rosa.
Complete bids follow:
E. Ahlstrom $5,750
Robert Whiting 5,887
L. Halvorsen 5,957
All of Santa Rosa.
Bids held under advisement.

Low Bidder
RESIDENCE Cost, $.....
SAUSALITO, Marin Co., Cal. George Avenue.
One-story frame residence (5 rooms, 2 baths) wood exterior, gas heating system, shingle roofing, hardwood floors, etc.
Owner—Dimitri Schoch.
Architect—W. W. Wurster, 260 California St., San Francisco.
Low Bidder: Albert Teather, 405 Cazaneau Ave., Sausalito.
Bids held under advisement.

Planned
RESIDENCE Cost, $.....
SAN ANSELMO, Marin Co., Calif. Brookside Meadows.
Subdivide property for group of residences.
Owner—James A. Leach and Albert J. Evers, 525 Market St., San Francisco.
Architect—Albert J. Evers, 525 Market St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif. 429 Michigan Ave.
Two-story frame and stucco residence (6 rooms).
Owner—Mr. Gillespie, 2901 Garber St., Berkeley.
Architect — John B. Anthony, 2104 Shattuck Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $5,400
OAKLAND, Alameda Co., Cal. Colton Boulevard.
Two-story frame and stucco residence (5 rooms, 1 bath), shake roof, plank floors, gas hot air heat.
Owner—Mr. Bannister.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Contractor—Bertram S. Booth, 91 Nova Drive, Piedmont.

Contract Awarded
RESIDENCE Cost, $6,500
SAN FRANCISCO, Calif. W. Pacheco, N. Aerial Way.
Two-story and basement frame and stucco residence.
Owner—J. Leroy Wehr, 326 Parnassas Ave.
Architect—Not Given.
Contractor—Frank F. Nelson, 2 Edgehill Way.

Contract Awarded
RESIDENCE Cost, $10,150
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Two-story and basement frame and stucco residence.
Owner—Dr. Alfred Coester, Palo Alto.
Architect—John K. Branner, 210 Post St., San Francisco.
Contractor—B. Tunberg & Co., 582 Chestnut St., Palo Alto.

15— SCHOOLS

LOW BIDDER
Preparing Preliminary Plans
GYM. & POOL Cost, $286,000
DAVIS, Yolo Co., Cal. College of Agriculture.
Class A reinforced concrete and steel gymnasium and swimming pool.
Owner—Regents of the University of California.
Architect—Wm. Hays, Crocker First National Bank Bldg., San Francisco.

Bids Opened
REHABILITATE SCHOOL
Cost, $118,500
BERKELEY. Alameda, Co., Calif.
Rehabilitation of Lincoln School.
Owner—Berkeley Board of Education.
Architect—Not given.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Low bidder: Villadsen, 2059 Webster St., Oakland, $185,000.
Only other bid was submitted by Fred J. Early, Jr., San Francisco and Oakland, at $191,325.
Bids held under advisement.

Commissioned to Prepare Plans
SCHOOL Cost, $75,000
LODI, San Joaquin Co., Calif.
New music department and shop building (brick construction).
Owner—Lodi Union High School District.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.
Application will be filed with the PWA for a loan and grant.
Further details will be announced shortly.

BIDS OPENED
SCHOOL Cost, $.....
OAKLAND, Alameda Co., Calif. 10th and Union Sts.
Reconstruction, rehabilitation, earthquake proofing to Cole School (24-room brick tile building).
Owner—Oakland School District.
Architect—W. G. Corlett, Second Ave. and E. Tenth St. (Oakland Sch.

Administration Bldg.).
Low Bidder—Carl N. Swenson, 355 Stockton Ave., San Jose.
Complete bids follow:
Carl N. Swenson, San Jose.....$106,932
Monson Bros., San Francisco.. 108,320
Villadsen Bros., Oakland..... 110,200
Bids held under advisement.

Sub-Contracts Awarded
TOILET BLDG. Cont. Price, $7758
KING CITY, Monterey Co., Calif.
One - story frame and stucco toilet buildings.
Owner—King City Grammar School District.
Architect—Chas. Butner, 51 Maple St., Salinas.
Contractor—F. A. Hayes, King City.
Plumbing—Jack Traxiola. King City.
Electric—King City Electric Co., King City.
Sheet Metal—Anderson, Dougherty & Hargis, Salinas.
Tile—Monterey County Tile Co., Salinas.
Glass—Salinas Planing Mill, Salinas.
Lathing and Plastering—V. A. Kitchen, Paso Robles.
Lumber and Hardware—Tynan Lumber Co., Salinas.
Concrete—Dwight Bliss, Salinas.
Structural Steel—Granite Const. Co., Watsonville.

Plans Awaiting Approval
GYM. and POOL Cost, $155,000
DALY CITY, San Mateo Co., Calif.
One - story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring), reinforced concrete swimming pool (40x75 feet).
Owner—Jefferson Union High School District.
Architect—Rosing & McGuinness, 488 Pine Street, San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Mechanical and Electrical Engineer—Robert L. St. John, 544 Market St., San Francisco.
Plans have been forwarded to State Division of Architecture, Sacramento, and upon approval bids will be asked.

Bids Wanted—To Close Sept. 8th, 8 P. M.
GYM. SHOP, ETC. Cost, $50,000
COVELO, Mendocino Co., Calif.
One-story gymnasium bulding, one-story shop building and small auditorium (frame and stucco construction) built-up roof, maple & pine floors, oil hot air heating system, etc.
Owner — Round Valley High School District.
Architect—C. A. Caulkins, Rosenberg Bldg., Santa Rosa.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Bids Wanted—To Close Aug. 29, 10 A. M.
SCHOOL BLDGS. Cost, $.....
WOODLAKE, Tulare Co., Calif.
Seven one-room frame classroom buildings.
Owner—Woodlake Union High School District (Ralph Ainley, Clerk).
Architect—Ernest J. Kump, Rowell Building, Fresno.
Plans and specifications may be obtained from the architect and from Ralph Ainley, Clerk of the School District.

Contracts Awarded
AUDITORIUM Cont. Price, $53,877
SAN FRANCISCO. 150 Brompton St.
Reinf. concrete auditorium at Glen Park School.
Owner—City and County of San Francisco.
Architect—Lewis P. Hobart, 525 Market St. and Bliss & Fairweather, Balboa Building.
Contractor—Leo Epp, 4745 Geary Blvd.
Mech. Equip. & Plumbing—Skelly & Kohler, 1344 9th Ave.—$5,930.
Electric—H. S. Tittle Co., Inc., 85 Columbia Square—$2,778.
Complete bids published July 30th.

Plans Completed
GYMNASIUM Cost, $.....
MARYSVILLE, Yuba Co., Calif.
One - story frame and stucco gymnasium.
Owner — Nicolaus Union High School District.
Architect — Chas. F. Dean, California State Life Bldg., Sacramento.
Application has been filed with the PWA for a loan and grant.

Bids Wanted—To Close August 28, 8 P. M.
GYMNASIUM Cost, $95,000
SACRAMENTO, Calif. Sacramento Junior College Campus.
One - story reinforced concrete gymnasium (Fourth Unit).
Owner—Sacramento School District.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

BIDS WANTED
SAUSALITO, Marin Co., Calif.—Until August 26, 8 P.M., bids will be received by S. G. Ratto, Clerk, Sausalito School District, 321 2d Street, Sausalito, for improvements at the Central School, Litho and Caledonia Sts., Sausalito.
Plans and specifications may be obtained from above office upon deposit of $10.00. *

Bids Opened
SCHOOL Cost, $10,000
BRYTE, Yolo Co., Calif.
Alterations and additions to present elementary school (frame and stucco construction, re - roofing, etc.)
Architect — George Sellon, California State Life Bldg., Sacramento.
Low Bidder: H. W. Robertson, 3904 F Street, Sacramento.
Roofing—Bush Roofing Co., 1912 K Street, Sacramento.
Complete bids follow:
General Work
H. W. Robertson, Sacramento....$4,763
Montaldo & Suennen, Sacmto.... 5,243
Fred Betz, Sacramento..... 5,520
C. P. Hopkinson, Sacramento.... 5,697
Roofing
Bush Roofing Co., Sacramento....$1,019
Allyn Burr, Sacramento..... 1,298
Sacramento Roofing Co., Sac..... 1.368
Bids held under advisement.

Contract Awarded
RESIDENCE Cost, $30,000
PIEDMONT, Ala. Co., Calif., 11 Sotelo.
Two-story and basement frame residence (12 rooms).
Owner—George C. Ehrmann, 9 Wildwood Gardens, Piedmont.
Architect — Clarence Tantau, Shreve Building, San Francisco.
Contractor—Chas. Stockholm & Sons, 425 Russ Bldg., San Francisco.

Contract Awarded
ALTERATIONS Cost, $5,000
SAN FRANCISCO, Calif., 14 Montgomery Street.
Alterations to offices.
Wells Fargo Bank, premises.
Architect — Miller & Pflueger, 580 Market Street.
Engineer — T. Ronneberg, Crocker Bldg.
Contractor—G. P. W. Jensen, 320 Market Street.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif., 2700 Broadway.
Alterations to residence.
Owner—Leon Sloss, Jr., premises.
Architect—Williams Wilson Wurster, 260 California Street.
Contractor—Chas. Stockholm & Sons, Russ Bldg.

Commissioned To Prepare Plans
HIGH SCHOOL Cost, $——
BAKERSFIELD, Kern Co., Calif.
New high school building.
Owner — Kern County Union High District.
Architect — Chas. Biggar, Heberfelde Bldg., Bakersfield.
Further details will be announced shortly.

Plans Approved
ADDITIONS Cost, $19,500
WATSONVILLE, Santa Cruz Co., Cal.
One-story frame and stucco addition to Roache School (5 classrooms), plaster interior partitions, composition shingle roofing, Oregon pine flooring, hot air heating system, gas furnace, etc.
Owner—Roache School District.
Architect — A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Plans have been approved by State Division of Architecture, Sacramento, and bids will be asked shortly.

16—BANKS, STORES AND OFFICES

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 262 Post Street.
Alterations to store building.
Owner—S. & G. Gump, premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Plans Being Completed
BUILDING Cost, $40,000
OAKLAND, Alameda Co., Calif. 826 West Street.
Two - story brick and steel building (to house offices and hiring hall of Teamsters' Union).
Owner—Teamsters' Union (Chas. W. Real, Secretary).
Architect—J. B. Anthony, 1849 Arch St., Berkeley.
Structural Engineer—F. W. Kellberg. 320 Market St., San Francisco.
Bids will be asked shortly.

Contract Awarded
OFFICES Cost, $5,500
BERKELEY, Alameda Co., Cal. Bancroft near Ellsworth.
One - story reinforced concrete dental office building (14 operating rooms laboratory, reception room, consultation room, etc.)
Owner—Mrs. Gladys Liggett.
Architect—B. Reede Hardman, 2068 Allston Way, Berkeley.
Contractor — C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.

Plans Being Figured—Bids Close Aug. 28th
OFFICE BLDG. Cost, $75,000
SANTA CRUZ, Santa Cruz Co., Calif. Upper Pacific Avenue.
Two-story reinforced concrete office building (50x130 ft.).
Owner—Coast Counties Gas & Electric Co., Santa Cruz.
Architect—Albert Froberg, 1955 Webster St., Oakland.
Following will submit bids:
Hamilton & Church, Santa Cruz.
Hughes Lumber Co., Santa Cruz.
Darrow Palmer, Santa Cruz.
William Radtke, Gilroy.
Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.
Dinwiddie Construction Co., 210

Crocker Bldg., San Francisco.
H. J. Christensen, 1955 Webster St., Oakland

Sub Contracts Awarded
STORE Cont. Price, $27,808
SACRAMENTO, Sacramento Co., Cal. No. 717 K Street.
One-story reinforced concrete and steel store building.
Owner—Oschner Estate.
Lessee—Federal Outfitting Company.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Contractor—Frank Maloney, 3172 T St., Sacramento.
Plumbing—Luppen & Hawley, Inc., 3126 J St., Sacramento.
Glass—W. P. Fuller Co., Sacramento.
Iron Grille Work—Palm Iron Works, P.O. Box 746, Sacramento.
Brick Work—W. J. Clifford, 2815 S St., Sacramento.
Lathing & Plastering—S. A. Tuchfarber, 2116 36th St., Sacramento.
Lumber — Homestead Lumber Co., Sacramento.
Mill Work — Moore and Garlick, 1716 Alhambra Blvd., Sacramento.
Hardware—Friend & Terry Lumber Co., Sacramento.
Painting—C. V. Brown, 2216 L St., Sacramento.
Concrete—Carl Fiedler, 2631 30th St., Sacramento.
Flooring—F. J. Capechi, Alhambra Floor Co., 4425 11th Ave., Sacramento.
Marble—Valley Terrazzo Co.
Rein. Steel—Palm Iron Works, P.O. Box 746, Sacramento.

Contract Awarded
ALTERATIONS Cost, $2,900
SACRAMENTO, Sacramento Co, Cal 801 J Street.
Alterations to offices.
Owner—Capital Tile Co., premises.
Architect—Not Given.
Contractor—F. H. Bell, 1306 36th St., Sacramento.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. SW Third Street and Folsom.
Alterations to market.
Owner—Hirsch Bros., premises.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission Street.

Contract Awarded
ALTERATIONS Cost, $20,000
SAN JOSE, Santa Clara Co., Calif. North First Street.
Remodeling and altering Rucker Bldg. (add four stores and one loft).
Owner—Phelan Estate, Phelan Bldg., San Francisco.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Contractor—William M. Caldwell, 1241 Hedding St., San Jose.

Low Bidder
ALTERATIONS Cost, $.....
SAN FRANCISCO, Calif. Market St., near Fifth.
Alterations to stores.
Owner—Lincoln Realty Co. and Samuel's Jewelry Store.
Architect—William I. Garren, 233 Post Street.
Low Bidder—Jacks & Irvine, 620 Market Street.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO, Calif. S Folsom St., W Third.
Alterations to market.
Owner—United Meat Co., 302 Third St.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Rausch Street.

Contract Awarded
STORE Cost, $8,000
SAN FRANCISCO, Calif. W. Third St., S. Quesada.
One-story frame and stucco store building.
Owner—J. Kaufman, 1715 Golden Gate Ave.
Engineer—W. H. Ellison, Pacific Bldg.
Contractor — William Spivock, 544 Golden Gate Ave.

Plans Being Completed
STORES Cost, $25,000
SANTA CRUZ, Santa Cruz Co., Calif. Pacific Ave. 125 E Soquel.
One - story reinforced concrete store building (4 stores), tar and gravel roofing, concrete floors, terra cotta front, etc.).
Owner—Pacific States Amusement & Realty Co., Santa Cruz.
Architect—Not Given.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Bids will be taken in about two weeks.

Sub Contracts Awarded
ALTER STORE Cost, $.....
MODESTO, Stanislaus Co., Calif.
Alterations and additions to store building.
Owner—Montgomery Ward Company.
Plans by Engineering Dept. of Owner, Chicago, Ill.
Contractor—H. H. Larsen Company, 64 South Park St., San Francisco.
Steel Stairs & Orn. Iron—Anchor Post Fence Co., 460 5th St., San Francisco.

Stainless Steel Contract Awarded
ALTERATIONS Cost, $40,400
OAKLAND, Alameda Co., Calif. 1530 Broadway.
Alterations for men's clothing store (three-story structure).
Owner—Hastings Clothing Store, Post and Kearny Sts., San Francisco (C. H. Turner, Manager).
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—K. E. Parker, 135 South Park, San Francisco.
Stainless Steel—Anchor Post Fence Co., 460 5th St., San Francisco. As previously reported.
Mill Work—S. Kulchar & Co., 731 E. 10th St., Oakland.
Marble — Roy Cook Marble Co., Emeryville.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Steel Sash — Soule Steel Co., 1750 Army St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $4,000
PITTSBURG, Contra Costa Co., Cal. 132 East Fourth Street.
Alterations to building for stores.
Owner—Gatto Brothers Furniture Company, Pittsburg.
Architect—Not Given.
Contractor—Vincent G. Siino, 461 W. 10th St., Pittsburg. 16

Preparing Plans
BUILDING Cost, $2,000,000
SAN FRANCISCO, Calif. Tenth and Market Streets.
Seven-story reinforced concrete building to house Western Furniture Exchange. (Approx. 200 tons of structural steel involved.)
Owner—Capital Company, 625 Market Street.
Plans by Construction Department of Owners.
Structural Engineer—L. H. Nishkian, 525 Market St.
Lessee—Western Furniture Exchange, 180 New Montgomery St.
Bids will be asked in about thirty days.

CONTRACT AWARDED
SAN FRANCISCO, Calif. — Flood Realty Company awarded a contract to the Central Electric Co., 179 Minna Street, at $9,752, for metering switchboard for sub-feeders and miscellaneous electrical work in the Flood Building, San Francisco.

Contract Awarded
OFFICE & RES. Cost, $7,500
SAN JOSE, Santa Clara Co., Calif. 1410 E. Santa Clara Ave.
Two-story frame office building and residence.
Owner—Dr. Emanuel Alvernaz, 802 McLaughlin Ave., San Jose.
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 N. 31st St., San Jose.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN JOSE, Santa Clara Co., Calif. 272 So. First St.
Alterations to business building.
Owner—Masonic Hall Association, Premises.
Architect—Not Given.
Contractor—Guy M. Latta, 157 Rhodes Court, San Jose.

Contract Awarded
ALTERATIONS Cost, $3,500
SAN JOSE, Santa Clara Co., Calif. 87 So. First St.
Alterations to store building.
Owner—Stock Estate, 68 So. First St., San Jose.
Architect—Not Given.
Contractor—George L. Honore, 136 Race St., San Jose.

Contract Awarded
STORE Cost, $.....
EUREKA, Humboldt Co., Calif. Fifth and H Streets.
One-story store building.
Owner—Robert Gardner.
Architect—Not Given.
Contractor—Mercer Fraser Company, Second and Commercial Streets, Eureka. 16

Contract Awarded
ALTERATIONS Cost, $.....
TURLOCK, Stanislaus Co., Calif.
Alterations to store building. (Changing of interior and exterior of present building.)
Owner—Frank Youngdale, 308 Line St., Turlock.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—F. J. Wirtner, 322 Myrtle St., Turlock.

Contract Awarded
ALTERATIONS Cost, $.....
MARYSVILLE, Yuba Co., Calif. Fifth and D Streets.
Alterations to building.
Owner—J. C. Wood.
Architect—Not Given.
Contractor—W. R. Burroughs, 911 5th St., Marysville.

Plans Being Prepared.
ALTERATIONS Cost, $——
COURTLAND, Sacramento Co., Calif.
Alterations and additions to bank for telephone offices (acoustical work, etc.)
Owner—Delta Telephone & Telegraph Company.
Architect—George Sellon, California State Life Bldg., Sacramento.

Contract Awarded
ALTERATIONS Cost, $25,000
SACRAMENTO, Calif. 1125-31 K St.
Alterations to store building.
Owner—Sears Roebuck Co., 12th & K Sts., Sacramento.

Plans by Engineering Department of Owner.
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.

Glass Contract Awarded
BANK AND STORE Cost, $100,000
BURLINGAME, San Mateo Co., Calif. Burlingame Ave., 308 ft. W. Primrose Road.
One - story reinforced concrete bank and store building.
Owner—San Francisco Bank, 526 California St., San Francisco.
Architect—W. D. Peugh, 3 3 3 Montgomery St., San Francisco.
Contractor—Cahill Bros., 206 Sansome Street, San Francisco.
Glass—Habenicht & Howlett, 529 Clay St., San Francisco.
Other awards previously reported.

CONTRACT AWARDED
STORE Cost, $12,000
MONTEREY, Monterey Co., Calif.
New store building (reinforced concrete construction).
Owner—E. B. Gross, Monterey.
Architect—C. J. Ryland, Monterey and Carmel.
Contractor—J. H. Clark, Monterey.

Planned
BUILDING Cost, ...
CHICO, Butte Co., Calif., Main and Seventh Streets.
One-story concrete and steel building (display room) concrete flooring; five gasoline pumps, etc.
Owner—Manuel Breslauer Estate.
Lessee—Firestone Auto Supply & Service Stores, Inc.
Plans by Eng. Dept. of owner (C. Hollis Nelson, Chief Engineer).

CONTRACT AWARDED
SAN FRANCISCO, Calif. — Floor Realty Co., awarded contract to Central Electric Co., 179 Minna Street, at $9,752 for metering switchboard for sub-feeders and miscellaneous electrical work in the Floor Building, San Francisco. *

Additional Sub-Contracts Awarded
OFFICE BLDG. Cost, $50,000
SAN FRANCISCO, Van Ness Avenue South, bet. 12th and 13th Streets.
Two-story reinforced concrete Class C office building (45x190 ft.)
Owner—Dempster Estate.
Architect — W. D. Peugh, 333 Montgomery Street.
Lessee — State of California (Motor Vehicle Dept.)
Structural Engineer—F. W. Kellberg, 320 Market Street.
Contractor — Cahill Bros., 206 Sansome.
Glass—W. P. Fuller & Co., 301 Mission St.
Orn. Iron—Sartorius Co., 2530 18th St.
Dumbwaiters — Vincent Whitney Co., 333 Montgomery St.
Other awards previously reported.

Contract Awarded
ALTERATIONS Cost, $.....
SAN FRANCISCO. Sixth and Market Streets.
Basement bulkheads in Hughes Bldg. and move back sidewalks.
Owner — California Western States Life Insurance Company.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.
Contractor—Fay Improvement Company, Phelan Building.

Construction Started
ALTERATIONS Cost, $15,000
SANTA ROSA, Sonoma Co., Calif. Mendocino Avenue.
Alterations and additions to store building (new fixtures, re-arrange counters, painting, decorating)
Owner—Montgomery Ward & Co. Chicago.
Plans by Engineering Dept. of Owner. Work being done by local labor, under supervision of R. B. Dillingham.

Contract Awarded
SAN FRANCISCO. 955 Market St.
ALTERATIONS Cost, $2,000
Alterations to store building.
Owner—Alexander Rubin.
Architect—Not Given.
Contractor—Seymour Show Case and Fixture Co., 251 Post Street.

To Be Done by Day's Work
STORE Cost, $8,000
SAN FRANCISCO, Calif., W. Third St., S. Quesada.
One-story frame and stucco store building
Owner—J. Kaufman, 1715 Golden Gate Ave.
Engineer— W.H. Ellison, Pacific Bldg.

Steel Contract Awarded
ALTERATIONS Cost, $.....
SAN FRANCISCO, Calif. Kearny and Sutter Sts.
Alterations and additions to ten-story building (work involves painting, plastering, decorating, carpentry, etc.)
Owner—Sherman Clay & Co., (Dwight F. McCormack, vice-president and general manager).
Architect—W. W. Wurster, 260 California St.
Consulting Interior Designers—Parrish & Co., New York City.
Contractor—Jas. L. McLaughlin, 251 Kearny Stseet.
Steel Framing—Western Iron Works, 141 Beale Street.

Preparing Working Drawings
STORE Cost, $250,000
SANTA ROSA, Sonoma Co., Calif Fourth and D Streets.
Two-story reinforced concrete store building (250-ft. frontage on 4th St., and 200-ft. frontage on D St.)
Owner — Rosenberg and Sons, Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contract Awarded
SHOP Contract Price, $24,340
SAN FRANCISCO. Phelan Building.
New women's sport shop.
Owner—Roos Brothers.
Architect—Albert R. Williams, Humboldt Bank Building.
Contractor—L. & E. Emanuel, 2 6 6 5 Jones Street.
Complete bids follow:

L. & E. Emanuel	$24,340
Mullen Manufacturing Co.	25,223
Ostlund & Johnson	25,670
S. Kulchar & Co., Oakland	27,050
Fink & Schindler	27,557
William Bateman	28,178

All of San Francisco unless other specified. *

Plans Being Completed
ALTERATIONS Cost, $20,000
MODESTO, Stanislaus Co., Calif.
Alterations to theatre for stores (work involves plate glass, plumbing, electrical work, painting, decorating, tile, etc.).
Owner—Pacific States Savings and Loan Assn.
Architect—G. N. Hilburn, 1213 I St., Modesto.
General bids will be asked in one week.

Plans Being Completed
BUILDING Cost, $40,000
OAKLAND, Calif. 826 West Street.
Two-story brick and steel building (to house offices and hiring hall of Teamsters' Union).
Owner—Teamsters' Union (Charles W. Real, Secretary).
Architect—John B. Anthony, 1849 Arch Street, Berkeley.
Wrecking is now being completed by the Dolan Wrecking Company. Bids for the construction of the building will be asked in one week.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO, Calif. 833 Market Street.
Alterations to offices.
Owner—California Academy of Sciences, 825 Market Street.
Architect—Not Given.
Contractor — Lindgren & Swinerton, Inc., 225 Bush Street. 16

17— THEATRES

Contract Awarded
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. K Street, bet. Fifth and Sixth Sts.
Alterations to Capital Theatre (work involves decorating, new wiring, plastering, hot air heating system, air conditioning system, etc.).
Owner—T. and D. Theatres and Fox

Preparing Working Drawings
THEATRE Cost, $65,000
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55 x 120 feet), air conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 381 Bush Street, San Francisco.

Plans Completed
ALTERATIONS Cost, $30,000
SAN FRANCISCO, Calif., S.W. Sutter and Stein Sts.
Alterations to theatre.
Owner—Uptown Amusement Co., 25 Taylor St.
Architect—A. A. Cantin, 557 Market St.
Structural Engineer—W. Adrian, 417 Market St.

PLANS BEING FIGURED
BRAWLEY, Imperial Co., Calif.—Architect C. A. Balch, 1914 S Vermont Ave., Los Angeles, is taking bids for a reinforced concrete theatre (40x150-ft.) on Main St. near Sixth Street in Brawley, for Principal Theaters.

Wrecking Contract Awarded
THEATRE Cost, $100,000
WOODLAND, Yolo Co., Calif. North Main and College Streets.
Reinforced concrete theatre building (to seat 600).
Owner—National Theatre Syndicate, 25 Taylor St., San Francisco.
Architect—S. Chas. Lee, 25 Taylor St., San Francisco, and 2404 W. 7th St., Los Angeles.
Wrecking—Guy Morris, Woodland.
Bids for the construction of the building will be asked shortly.

Contract To Be Awarded
THEATRE Cost, $.....
JACKSON, Amador Co., Calif.
Two-story theatre building (theatre to seat 700 and two stores on ground floor; 4 offices on second floor), reinforced conc. construction, Class C; gravel roof, wood sash, Summerbell trusses (50x130 ft), heating and ventilating system.
Owner—Pam & Pierovich.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Moore & Roberts, 693 Mission St., San Francisco.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

KERN COUNTY, Cal.—Rexroth and Rexroth, Box 2110-C, Station A, Bakersfield, at $20,191.30 awarded contract by the State Division of Highways for constructing two timber bridges with concrete decks and grading and applying road-mix surface treatment on about 0.3 mile in Kern County at Kern River overflow channel and Calloway Canal.

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—Basich Bros., 20550 Normandie Ave., Torrance, at $22,569.70 awarded contract by State Division of Highways for constructing two timber trestles, constructing and surfacing approaches with salvaged material and applying Class B seal coat on about 0.4 mile in San Bernardino County between Amboy and 17 miles easterly.

CONTRACT AWARDED

LOS ANGELES, Calif.—Consolidated Steel Corp., 5701 E. Slauson Ave., awarded contract by the U. S. Engineer's Office, 751 S. Figueroa St., at $173,789.80, for furnishing 1,897,000 lbs. fabricated steel and other metal work, to include the complete framework for the Pacific Avenue bridge superstructure and 14 fabricated steel girders for 7 additional bridge superstructures. Circ. Prop. No. 23. 21

BIDS WANTED

VENTURA CO., Calif.—Until September 3, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing two bridges and approaches, one across Todd Barranca **and the other across Hopper Creek** at points 8.5 and 27.7 miles east of the junction with Route 2.

The work involves:

(1) 21 sta. clear and grubb;
(2) 200 M. gals. water;
(3) 2,400 cu. yds. roadway excav. without class.;
(4) 6,900 cu. yds. imported borrow;
(5) 1,000 cu. yds. struct. excav.;
(6) 21 sta. finishing roadway;
(7) 7 tons liquid asphalt MC-2 (prime coat);
(8) 1,140 tons mineral aggregate (plant-mix surf.);
(9) 62 tons liq. asphalt MC-4 or MC-5 (plant-mix surf.);
(10) 3,000 sq. yds. preparing mix and shape roadbed detour;
(11) 24 tons liq. asphalt SC-2 (road-mix surf. treatment detour);
(12) 155,000 lbs. bar reinf. steel;
(13) 132 cu. yds. class A Port. cem. conc. (footing blocks);
(14) 835 cu. yds. class A Port. cem. conc. (structs.);
(15) 4 M ft. board measure Redwood timber, dense select, all heart, structural grade;
(16) 1,620 lin. ft. furnishing treated Douglas fir piles, including test piles;
(17) 80 each driving treated Douglas fir piles, including test piles;
(18) 120 lin. ft. 36-in. CMP;
(19) 40 each timber guide posts;
(20) 1 only timber detour bridge;
(21) 1 lot exist. bridges to be removed and disposed of;
(22) 60 lin. ft. bank protection fence;
(23) 1 lot misc. items of work.

NOTE: The State will furnish Corrugated Metal Pipe and Band Couplers as more explicitly set forth in the special provisions.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the district offices in Los Angeles and San Francisco.

CONTRACT AWARDED

WHITMAN CO., Wash.—George F. Price, Dayton, Wash., at $38,932, awarded contract by L. V. Murrow, Director of Highways, Olympia, for constructing a reinforced concrete and steel undercrossing of the tracks of the C. M., St. P. and P. R.R. Co. and grading and surfacing approaches on about 0.6 mile of county road at Ewan.

CONTRACT AWARDED

ADAMS CO., Wash.—George F. Price, Dayton, Wash., at $28,932, awarded contract by L. V. Murrow, Director of Highways, Olympia, for reconstructing an existing undercrossing of the tracks of C. M., St. P. & P. R.R. Co., and grading and surfacing approaches on 0.5 mile of county road west of Lind.

CONTRACT AWARDED

LOS ANGELES, Calif.—Minneapolis-Moline Power Implement Co., at $32,035.20, awarded contract by U. S. Engineer Office, Los Angeles, for furnishing 564,000 lbs. fabricated steel and other metalwork for the Overland Avenue bridge; Proposal No. 60. 21

CONTRACT AWARDED

HUMBOLDT CO., Calif.—Green & Clifton, Fortuna, at $4,518 awarded contract by Humboldt Co. Board of Supervisors for painting five bridges on county roads.

Only other bid submitted by D. E. Burgess, San Francisco, at $6,990.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

VENTURA, Calif.—C. O. Sparks & Mundo Engineer Co., 2309 E. Olympic Boulevard, Los Angeles, at $39,476 awarded contract by State Division of Highways for constructing reinforced concrete bridge across San Antonio Creek, 7.5 miles north of Ventura, consisting of three 55-foot and two 26-foot girder spans on concrete piers and abutments.

CONTRACT AWARDED

PIERCE CO., Wash.—The Construction Co., Roseburg, Wash., at $45,650 awarded contract by U. S. Bureau of Public Roads, Portland, for constructing a 150-foot span reinforced concrete arch with reinforced concrete approach spans, over Deadwood Creek Mt. Rainier National Park, Pierce Co.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS OPENED

COOS BAY, Oregon. — Tacoma Dredging Co., 1113½ A Street, Tacoma, at $193,521, submitted low bid to U. S. Engineer Office, First Portland District, for dredging approximately 1,506,000 c.y. of material from the channel in Coos Bay and Isthmus Slough, Oregon, between mile 7½, about 1½ miles below the Southern Pacific Railroad bridge, and mile 15 at the upper end of Coos Bay Lbr. Co. (Smith Mill) wharf, above Marshfield, a total distance of about 7½ miles.

Puget Sound Bridge and Dredging Co., Seattle, bid $207,075.

BIDS OPENED

SAN FRANCISCO, Calif. — Healy-Tibbitts Construction Co., 64 Pine St., San Francisco, submitted low bid to U. S. Engineer Office, Col. J. A. Dorst, District Engineer, San Francisco, for (1) driving 100 untreated piles for wharf structure and (2) 48 untreated piles for pipe landing on Yerba Buena Shoal.

Complete bids follow:

	(1)	(2)
Healy-Tibbitts Const. Co.	$14.40	$14.90
Ben C. Gerwick	16.10	16.10
Duncanson-Harrellson Co.	16.35	17.15
M. B. McGowan, Inc.	18.00	18.00
A. W. Kitchen	16.90	21.00

NO BIDS RECEIVED

SANTA BARABRA, Calif.—No bids were received by the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, under Proposal No. 57, for dredging about 206,000 c.y. of material at Santa Barbara harbor, about 100 miles northwesterly of Los Angeles Harbor.

CONTRACT AWARDED

LOS ANGELES.—Merritt-Chapman & Scott Corp., 720 Wilmington-San Pedro Rd., San Pedro, was awarded a contract by the Los Angeles harbor department July 27, at 36c per cu. yd., for bucket-dredging approximately 287,000 cu. yds. of material from the East Channel, Outer Harbor, under Spec. No. 953; PWA Docket No. 1225. Time limit for completion of the work is 135 days. The bids were opened on March 18.

CONTRACT AWARDED

LOS ANGELES, Calif.—Rohl-Connolly Co., 4351 Valley Blvd., at $2,145,000, awarded contract by U. S. Engineers, Los Angeles, for constructing composite type breakwater, 4887 feet in length in the Los Angeles-Long Beach Outer Harbors.

CONTRACT AWARDED

PEARL HARBOR, T. H.—Hawaiian Dredging Co., Honolulu, at 51 cents per cubic yard awarded contract by Navy Department, Bureau of Yards & Docks, for dredging and improving channel at Pearl Harbor; Spec. No. 8266.

The quantity of material to be removed is estimated at 2,760,000 cubic yards.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

LAKE-MENDOCINO COS., Calif.—Bids received by State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for rental of one one-third or three-eighths c.y. power shovel for a period not to exceed 400 hours to be used in Lake and Mendocino Counties, as follows:

Charles Kuppinger, Lakeport	$3.50
Robinson & Rulofson, Healdsburg	3.95
H. L. Daggett, Fortuna	4.63
Shanmac Co., San Francisco	4.98
Crane & Cox, Elk	5.50

CONTRACT AWARDED

LOS ANGELES, Calif.—Morrison-Knudson Co., Title Guarantee & Trust Bldg., Los Angeles, awarded contract, at $73,850, discount 1% 10 days, by the U. S. Engineer, 751 S. Figueroa St., for furnishing one large pulley equipped dragline for excavation of 750,000 cu. yds. material from Ballona Creek on the L. A. County Flood Control Project. Circ. Prop. No. 25.

BIDS OPENED

SANTA CRUZ CO., Calif.—Leonard F. Madera, Oakland, at $1.39 per hour, submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental of two pneumatic tired dump trucks, chassis weight not less than 2800 lbs., 1½ c.y. body capacity, for approximately 1600 hours each, to be used in Santa Cruz County.

Complete bids follow:

	Per Hr.
Leonard F. Madera, Oakland	$1.39
Louis Courtois, Oakland	1.45
G. S. Green, Oakland	1.48
Frank Welch, Millbrae	1.48
K. I. Dowdy, San Francisco	1.48
Portola Eruck Service, S. F.	1.48
Joe Cunha, Hayward	1.48
Oliver de Shou, Hayward	1.48
William Motta, Oakland	1.48
Arthur Wallgren, S. F.	1.48
E. Barbettini, San Francisco	1.48
Walton Fagot, Oakland	1.48
Irving Schwartz, S. F.	1.48
Rock & Gravel Truck Co., Oakland	1.58
Bruno Skibo, Oakland	1.62
Albert Pollack, San Francisco	1.64
C. O. Davis, Oakland	1.68
Max Roseberk, San Francisco	1.75
E. J. McCabe, San Francisco	1.90
Edward King, San Frncisco	2.23
John W. Costr, Burlingame	2.25
Robinson & Rudolfson, Healdsburg	2.50

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Chas. Kuppinger, Lakeport, at $6 per hour ($3.50 for truck only) submitted low bid to State Division of Highways J. W. Vickrey, District Engineer, Eureka, for rental of one 2500-gal. tank truck with 2500-gal. tank trailer attached for a period of 300 hours for the truck and 150 hours for trailer to be used for hauling oil in the vicinity of Boonville, Mendocino County.

Only other bid submitted by A. E. Garcia, Jr., Irvington, at $12 75 for truck and trailer and $6.25 for truck only.

BIDS WANTED

SAN FRANCISCO, Calif.—Until August 28, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Electric Power Bureau Cont. No. 16, for the installation of street lighting system on Folsom Street, between Tenth St. and the Embarcadero.

The work involves:

(1) 91 electroliers, with auto-transformers;
(2) 18,000 ft. 1½-in. conduit;
(3) 24,000 ft. primary cable;
(4) 55 extra conduit stubs in foundations.

Specifications may be obtained from the office of Paul J. Ost, Chief Engineer, Room 605, 425 Mason St., upon deposit of $10.

CONTRACT AWARDED

OAKLAND, Calif. — Western Machinery Co., 760 Folsom St., San Francisco, awarded contract, at $4800, by Eastbay Utility District, Oakland, for furnishing two portable air compressors; Bid No. 773. 25

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

SANTA CRUZ CO., Calif.—Earl W. Heple, 494 Delmas Ave., San Jose, at $18,046 awarded contract by the State Division of Highways for widening a portion with portland cement concrete pavement, sidewalk and curb and surfacing a portion with natural rock asphalt on about 0.8 mile in the city of Santa Cruz on Ocean Street, between Pryce and Water Streets and on Mission Street beween Bay and Younglove Streets.

TULARE COUNTY, Calif. — N. M. Ball Sons Co., P. O. Box 404, Berkeley and Larsen Bros., 5220 21st Ave., Sacramento, at $155,203.10 awarded contract by State Division of Highways for about 6.8 miles grading and surfacing with plant-mixed surfacing on a crusher run base and applying road-mix surface treatment to shoulders in Tulare County between ¼ mile south of Strathmore and Valencia St. in Lindsay and between Eastwood Avenue and Cairn's Corner.

CONTRACT AWARDED

LAKE CO., Calif. — Harold Smith, 1427 Kearny St., St. Helena, at $69,-545 awarded contract by State Division of Highways for about 1.3 miles grading and surfacing with screened gravel on gravel base and constructing three timber bridges in Lake Co., between Middle Creek and Rasmussen's Ranch.

CONTRACT AWARDED

YOLO COUNTY, Cal.—E. A. Forde, 640 Redhill Ave., San Anselmo, at $41-679.50 awarded contract by the State Division of Highways for about 4.4 miles surfacing and constructing untreated crushed gravel or stone borders in Yolo County, between Willow Slough and Woodland.

CONTRACT AWARDED

DEL NORTE CO., Calif.—D. McDonald, 204 Twenty-third St., Sacramento, at $131,143.10, awarded contract by State Division of Highways for about 5.7 miles grading, surfacing with screened gravel on a gravel base and constructing timber bridges in Del Norte County, between Winton Corners and the Oregon State Line.

CONTRACT AWARDED

SAN BERNARDINO CO., Calif. — George Pollock Co., P. O. Box 903, Forum Bldg., Sacramento, at $285,-202.70 awarded contract by the State Division of Highways for about 15.4 miles grading and applying bituminous road-mix surface treatment in San Bernardino County, between the Nevada State line and Mountain Pass.

BIDS OPENED

SAN FRANCISCO. — Pacific Pavements Co., Ltd., 85 Barstow St., at $16,109.75 submitted low bid to the San Francisco Department of Public W'ks, W. H. Worden, Director, for reconstructing Spear Street between Howard St. and the Embarcadero; Spec. No. 18,953.

The work involves:

(1) 1120 lin. ft. stone curb reset;
(2) 440 sq. ft. stone curb redressed;
(3) 650 lin. ft. granite curb in place
(4) 3 brick catchbasins, complete;
(5) 75 lin. ft. 10-in. CVP culvert, in place;
(6) 2 manhole frames and covers installed;
(7) 43,600 sq. ft. existing pavement removtd;
(8) 1820 tons asphaltic concrete base and levelling course;
(9) 1150 tons asphaltic concrete wearing surface;
(10) 7 tons asphaltic concrete conform pavement;
(11) 2875 sq. ft. two-course concrete sidewalk;

Complete bids follow:

(A) Pacific Pavements Co., Ltd., San Francisco, $16,109.75.
(B) A. G. Raisch, San Francisco, $16-196.75.
(C) Charles L. Harney, San Francisco, $17,218.50.
(D) Pacific States Const. Co., S. F., $18,909.25.
(E) M. J. Lynch, San Francisco, $19,-817.45.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .40	$ .40	$ .50	$ .45	$ .40
(2)	.50	.70	.75	.75	.50
(3)	1.80	1.75	1.75	2.25	1.60
(4)	85.00	70.00	80.00	80.00	85.00
(5)	1.50	1.00	1.70	.90	1.50
(6)	25.00	25.00	30.00	25.00	25.00
(7)	.025	.04	.035	.06	.08
(8)	4.20	4.00	4.00	4.40	4.50
(9)	4.10	4.00	4.58	4.60	4.85
(10)	4.50	4.00	8.00	6.00	4.85
(11)	.13	.11	.22	.15	.14

Bids referred to City Engineer John J. Casey and to WPA.

BIDS OPENED

MONTEREY CO., Calif. — Granite Construction Co., Ltd., Bin No. 9, Watsonville, at $23,556, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for applying road-mix surfacing treatment and seal coat on about 7.3 miles in Monterey County, between Seaside Road and Salinas River.

The work involves:

(1) 2,250 tons mineral aggregate;
(2) 370 tons liquid asphalt ROMC-3 (road-mix);
(3) 89,900 sq. yds. preparing, mixing and shaping roadbde;
(4) 93 tons liquid asphalt ROMC-4 or -5 (seal coat);
(5) 1,130 tons screenings (seal coat).

Complete bids follow:

(A) Granite Construction Co., Ltd., Watsonville—$23,556.
(B) Earl W. Heple, San Jose—$31,-206.25.
(C) L. A. Brisco, Arroyo Grande—$36,871.75.

Unit prices follow:

	(A)	(B)	(C)
(1)	$2.00	$1.60	$2.42
(2)	20.00	20.25	24.75
(3)	.07	.151	.18
(4)	20.00	20.25	24.75
(5)	3.10	4.12	3.35

CONTRACT AWARDED

INYO CO., Calif.—Square Oil Co., 916 Adobe St., Los Angeles, at $2,-513.40, awarded contract by State Division of Highways for furnishing and applying liquid asphalt on about 1.8 miles in Inyo County, between 8 miles south of Keeler and 10 miles south of Keeler.

CONTRACT AWARDED

MODOC CO., Calif.—Fredericksen & Westbrook, P.O. Box 138, Lower Lake, at $14,300, awarded contract by State Division of Highways for about 7.1 miles surfacing with road-mix surfacing in Modoc County, between Thomas Creek and 2.5 miles west of Cedarville.

CONTRACT AWARDED

TEHAMA CO., Calif.—E. B. Bishop, Orland, at $13,370, awarded contract by State Division of Highways for about 3.8 miles surfacing with untreated crushed gravel or stone surfacing in Tehama County, between Route 86 and Morgan Springs.

CONTRACT AWARDED

YOLO CO., Calif.—A. Teichert & Son, Inc., P.O. Box 1113, 1846 Thirty-seventh Ave., Sacramento, at $13,-974.45, awarded contract for about 0.2 mile paving with crusher run base, stabilized base and plant-mixed bituminous treated surfacing in the city of Woodland, between Second and Elm Streets.

Contracts awarded

STATE OF OREGON.—Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, August 5, and contracts awarded as follows:

Clackamas County—0.34 mile roadside improvement on the Milwaukee Roadside Improvement Project on East Portland-Oregon City Highway; Bids rejected. Low bid submitted by United Contracting Co., Portland, at $10,226.

Grant County—17.13 miles of oil mat surface treatment on the Forest boundary-Long Creek section of Pendleton-John Day Highway. Awarded, Babler Bros., Portland, $24,843.

Jackson County—1.86 miles paving on Ashland-Tolman Creek Section of Pacific Highway. Awarded, Mt. States Constr. Co., Eugene, $63,490.

Tillamook County—12.41 miles surfacing on Mills Bridge-Jordan Creek section of Wilson River Highway. Awarded, S. S. Montague, Portland, $88,117.

Umatilla County—4.76 miles regrading and surfacing and 7.99 miles bituminous surfacing on middle unit of Emigrant Hill section of Old Oregon Trail. Awarded, Newport Constr. Co. and Kern & Kibbe, Portland, $155,499.

BIDS WANTED

ELDORADO CO., Calif.—Until September 3, 2 p.m., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for clearing Section II of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado County. The length of the project is approximately 2.305 miles.

The work involves:

(1) 18 A. clearing;
(2) 14 A. cleanup clearing.

Plans and specifications may be obtained from above on deposit of $10.

BIDS OPENED

SOLANO CO., Cal.—Louis Biasotti & Sons, P. O. Box 587, Stockton, at $9,709.70 submitted low bid to State Division of Highways, R. E. Pierce, District Engineer, Stockton, for grading and surfacing with plant-mix surfacing about 0.3 mile in the city of Benicia.

The work involves:

(1) 18 stations clearing and grubbing
(2) 275 M. gallons water;
(3) 3600 cu. yds. roadway excavation (unclassified);
(4) 110 cu. yds. ditch and channel excavation;
(5) 75 cu. yds. struc. excavation;
(6) 3200 sta. yds. overhaul;
(7) 7200 cu. yds. imported borrow;
(8) 350 cu. yds. salvaged surfacing (base course);
(9) 18 sta. finishing roadway;
(10) 1100 tons untreated crushed gravel or stone surfacing (base course);
(11) 485 tons mineral aggregate (plant mixed surfacing);
(12) 5 tons liquid asphalt, SC-2 (prime coat);
(13) 260 sq. yds. asph. paint binder;
(14) 25 tons liquid asph., MC-5 or MC-extra heavy (plant mixed surfacing);
(15) 3 tons liquid asphalt, MC-3 (seal coat);
(16) 34 tons stone screenings (seal coat);
(17) 12 cu. yds. removing existing concrete;
(18) 3 cu. yds. Class A Portland cement concrete (structures);
(19) 60 lbs. bar reinforcing steel (structures);
(20) 130 lin. ft. 18-in. corrugated metal pipe;
(21) 47 lin. ft. clean and salvage existing corrugated metal pipe culverts;
(22) 30 each, culvert markers and guide posts;
(23) 13 each, monuments.

Complete bids follow:

(A) Louis Biasotti & Sons, Stockton, $9709.70.
(B) Independent Const. Co., Oakland, $11,538.60.
(C) Ruben R. Carlson, Stockton, $13,-879.40.

Unit prices follow:

	(A)	(B)	(C)
(1)	$5.00	$15.00	$40.00
(2)	1.40	2.50	1.50
(3)	.30	.47	.40
(4)	1.00	1.00	.90
(5)	1.00	1.00	1.25
(6)	.01	.02	.01
(7)	.33	.47	.60
(8)	.40	.75	.60
(9)	9.00	7.50	7.50
(10)	1.85	1.95	2.75
(11)	4.35	3.30	4.00
(12)	16.50	20.00	22.00
(13)	.10	.05	.09
(14)	18.00	18.00	28.00
(15)	22.00	25.00	28.00
(16)	3.50	3.50	3.50
(17)	5.00	3.00	2.50
(18)	28.00	20.00	35.00
(19)	.07	.06	.10
(20)	.75	.75	.75
(21)	.25	.50	.75
(22)	2.50	3.00	3.00
(23)	3.00	3.50	4.00

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at $211,160.40, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,921, for paving the Sloat-Skyline connection from Sloat Blvd. at 39th Ave. to Skyline Blvd. at Lake Merced Blvd. on State Highway No. 55.

BIDS REJECTED

KINGS COUNTY, Calif.—State Division of Highways has rejected bid received from Rexroth & Rexroth, Bakersfield, for grading, applying road-mix surface treatment and constructing a timber bridge on about 0.21 mile in Kings County, between 5 miles and 4½ miles south of Kettleman City.

The work will be done by day labor.

BIDS WANTED

SAN FRANCISCO, Calif.—Until August 26, 2:30 p.m., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 18967, for removing approximately 8450 cu. ft. of sand from 33d Ave. between Quintara and Rivera Sts. Estimated cost is $1440.

Specifications are obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, on cash deposit of $10.

CONTRACT AWARDED

TEHAMA COUNTY, Calif.—Tiffany Const. Co., 535 N 7th St., San Jose, at $21,835.40 awarded contract by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for grading a portion of Sections A and C of Rte. 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Tehama County.

BIDS WANTED

YOLO COUNTY, Cal.—Until August 31, 10:30 A. M., bids will be received by State Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for applying armor coat on about 4.3 miles between Putah Creek and Davis, Yolo County

The work involves:

(1) 120 tons liquid asphalt, 90-95;
(2) 2,600 tons screenings.

Specfications and proposal forms on application to above and on file at the office of DAILY PACIFIC BUILDER.

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—W. S. Selvage, Eureka, at $1.59 per c.y., at bunker, submitted low bid and was awarded contract by the Humboldt County Board of Supervisors, for furnishing 2,000 c.y. of crushed rock for the Kneeland-Prairie Road. The rock will be hauled and spread by county forces. Frank E. Kelly, county surveyor.

CONTRACT AWARDED

MONO COUNTY, Calif.—Regal Oil Co., 2305 Orange Ave., Long Beach, at $1,882.40 awarded contract by the State Highway Commission, Sacramento for furnishing and applying liquid asphalt to the existing roadbed on about 5.1 miles in Mono County between the easterly boundary of Yosemite National Park and 5.9 miles easterly.

CONTRACT AWARDED

LEWIS COUNTY, Washington. — Homer G. Johnson, Imperial Hotel, Portland, at $122,336, awarded contract by L. V. Murrow, Director of Highways, Olympia, for surfacing with crushed stone and stockpiling crushed stone surfacing and mineral aggregates on about 19.7 miles of State Road No. 5, Section 1, Elbe to Lindberg, and Section 2, Morton to Kosmos.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal. —George Herz & Co., Platt Bldg., San Bernardino, at $31,813.60 awarded the contract by the State Highway Commission, Sacramento, for about 9.9 mi. surfacing with plant-mixed surfacing, slow curing type, and applying seal coat thereto, in San Bernardino Co., between Cajon Pass Summit and Victorville.

LOW BIDDER

LOS ANGELES, Calif.—C. F. Robbins, 915 Merritt Bldg., Los Angeles, at $72,708.64 submitted low bid to the Los Angeles Board of Public Works for constructing a retaining wall and appurtenant street work in Aliso St., between Lyon Street and 639 feet east of the center line of Alameda St.

CONTRACT AWARDED

COCONINO COUNTY, Ariz.—Ernest W. Everly, Albuquerque, N. M., at $62,400 awarded contract by the Bureau of Public Roads, 414 Title and Trust Bldg., Phoenix, for approximately 4.28 miles grading on Section D of Route 3, the Flagstaff - Clints Well National Forest Highway, Coconino County.

CONTRACT AWARDED

NEVADA COUNTY, Calif. — Pacific States Const. Co., 708 Call Bldg., San Francisco, at $56,659.45 awarded contract by the State Highway Commission, Sacramento, for about 2.4 miles grading and surfacing with crusher-run base and plant-mixed surfacing in Nevada County, between Donner Lake and Truckee.

CONTRACT AWARDED

LINCOLN CO., Wash.—Joslin & McAllister, E. 3038 Trent, Spokane, at $27,349, awarded contract by L. V. Murrow, Director of Highways, Olympia, for clearing, grading, draining and surfacing with crushed stone about 2.4 miles of State Road No. 4, from Wilbur, north. 29

BIDS WANTED

KINGS CO., Calif.—Until September 2, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 6 miles constructing crusher run base borders and applying plant-mix surfacing, between Route 10 and Hub.

The work involves:

(1) 62 M. gals water;
(2) 4,100 tons crusher run base (borders);
(3) 14 tons liq. asphalt SC-2 (prime coat borders);
(4) 3,725 tons mineral aggregate (plant-mix surf.);
(5) 196 tons liq. asphalt MC-5 (plant-mix surf.);
(6) 180 tons liq. asphalt SC-2 (shoulders);
(7) 22,280 sq. yds. preparing mix and shape shoulders;
(8) 44,000 sq. yds. asphaltic paint binder.

Specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the district offices in San Francisco, Los Angeles and Fresno.

BIDS OPENED

SHASTA COUNTY, Calif. — Larsen Bros., 5220 21st Ave., Sacramento, at $69,438 submitted low bid to U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for 4.849 miles grading and placing of subgrade reinforcement with bituminous treatment (light surface application) on Section I of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta County.

The work involves:

(1) 22 acres clearing;
(2) 87 acres cleanup clearing;
(3) 3,300 c.y. unclass. excav.;
(4) 71,500 c.y. do for borrow;
(5) 200 c.y. do for structures;
(6) 600 sta. yds. overhaul;
(7) 20,500 c.y. mi. borrow haul;
(8) 1,900 M. gals. watering;
(9) 12,650 c.y. subgrade reinf.;
(10) 350 c.y. cover material;
(11) 110 tons of liquid asphaltic road material, Type SC-2;
(12) 56 tons do, Type SC-4;
(13) 240 tons emulsified asphalt;
(14) 1.25 miles mixing emulsified asphalt treated material.
(15) 66 l.f. 12-in. CMP (asphalt dipped);
(16) 242 l.f. 18-in. do;
(17) 46 l.f. 24-in. do;
(18) 38 l.f. 30-in. do;
(19) 60 l.f. 36-in. do;
(20) 17 c.y. concrete;
(21) 330 lbs. reinforcing steel;
(22) 18 each culvert markers;
(23) 12 each right-of-way monuments
(24) 16 l.f. remove and relay existing 48-in. steel pipe.

Complete bids follow:

(A) Larsen Bros., Sacramento, $69,438.
(B) Tiffany Const. Co., San Jose. $75-524.00.
(C) R. R. Carlson, Stockton, $79,-644.40.
(D) Engineer's Estimate, $74,881.50.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	$300.00	$300.00	$200.00	$250.00
(2).....	50.00	100.00	35.00	40.00
(3).....	.75	.50	.60	1.00
(4).....	.32	.36	.40	.32
(5).....	1.25	1.00	1.50	1.50
(6).....	.02	.02	.02	.05
(7).....	.15	.15	.25	.20
(8).....	2.00	1.25	1.50	2.00
(9).....	1.00	1.00	1.15	1.45
(10).....	3.00	2.00	2.50	2.00
(11).....	20.00	22.00	30.00	20.00
(12).....	22.00	24.00	38.00	22.50
(13).....	25.00	28.00	40.00	27.50
(14).....	700.00	1000.00	500.00	500.00
(15).....	1.50	1.75	2.00	1.00
(16).....	2.00	2.25	2.75	1.75
(17).....	3.00	3.00	3.50	2.75
(18).....	4.00	3.50	5.00	3.50
(19).....	6.00	5.50	7.00	5.50
(20).....	35.00	36.00	30.00	30.00
(21).....	.10	.10	.08	.10
(21).....	3.00	5.00	4.00	8.00
(23).....	3.00	5.00	4.00	4.00
(24).....	3.00	2.00	2.00	2.50

BIDS WANTED

IMPERIAL CO., Calif.—Until Sept. 1, 2 P. M., bids will be received by State Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor St., San Diego, for applying liquid asphalt to existing shoulders on about 32 miles in Imperial County between Trifolium Canal and Imperial-Riverside County Line.

The work involves:

(1) 1560 tons liquid asph., Type SC-2. Specifications may be obtained from above office. 29

BIDS WANTED

TULARE AND FRESNO COS., Cal. —Until Sept. 1, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, for placing a bituminous treated crushed rock base course on 6.13 miles of Route 1, the Generals Highway, General Grant National Park and on Sections B (portion) and C, General Grant - Sequoia Park Approach Road, Sequoia National Forest, Tulare and Fresno Counties.

The principal itms of work involved are:

(1) 4,500 c.y. unclass. excav.;
(2) 330 c.y. do, for structures;
(3) 1,000 c.y. hauling unclass. excav.;
(4) 5,600 c.y. subgrade reinf.;
(5) 13,000 c.y. mi. hauling subgrade and reinf.;
(6) 6.13 miles fine grading subgrade and shoulders;
(7) 800 M. gals. watering;
(8) 12,200 tons crushed rock for bottom layer of base course;
(9) 10,400 tons do for top layer of base course;
(10) 350 tons supplemental crushed rock;
(11) 700 tons screenings;
(12) 630 tons liquid asphaltic material, Types MC-1, 90-95, and RC2;
(13) 770 l.f. 8-in. perforated CMP;
(14) 250 sq. yds. mortar backfill seal;
(15) 220 c.y. crushed rock or gravel for backfill;
(16) 278 l.f. placing Govt. furnished 8-in. perforated CMP.

Plans and specifications obtainable from the above office upon deposit of $10.00. 29

BIDS OPENED

SISKIYOU & SHASTA CO.'S, Calif. —C. F. Fredericksen & Son, Lower Lake, at $5,369 ($22.75 per ton), submitted low bid to U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for 22.209 miles of bituminous treat (light surface application) on portions of Sections D of Route 11, the Mt. Shasta-Mt. Lassen National Forest Highway, Siskiyou and Shasta Counties.

The work requires approximately 236 tons liquid asphaltic road material, Type SC-2.

Only other bid submitted by Lee J. Immel, Berkeley, at $6,136 ($27 per ton).

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until August 31, 2 p.m., bids will be received by State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for furnishing and applying asphaltic emulsion on about 11.6 miles of state highway between Yermo and Baker, San Bernardino County.

Specifications and proposal forms may be obtained from above.

BIDS OPENED

CONTRA COSTA CO., Calif.—Jones & King, Jackson St., Hayward, at $23,262.50, submitted low bid to State Division of Highways, C. H. Purcell, Sacramento, for about three miles surfacing with plant-mixed surfacing and constructing shoulders in Contra Costa County, between 3.5 miles west of Pittsburg and 5.5 miles north of Concord.

The work involves:

(1) 2,000 tons select. material (shoulders);
(2) 4,750 tons mineral agg. (Plant-mix surf.);
(3) 250 tons liquid asphalt MC-5 or MC-Extra Heavy (plant - mix surf.);
(4) 15 tons asphaltic emulsion 90-95 (prime coat);
(5) 24 tons liquid asphalt MC-3 (seal coat);

Complete bids follow:

(A) Jones & King, Hayward—$23,-262.50.
(B) Pacific States Construction Co., San Francisco—$23,799.50.

Unit prices follow:

	(A)	(B)
(1)	$1.90	$1.75
(2)	2.85	3.05
(3)	18.00	17.00
(4)	24.00	22.00
(5)	20.00	21.00
(6)	2.25	2.80

LOW BIDDER

LOS GATOS, Santa Clara Co., Cal. —A. Contardo & Co., 534 Santa Cruz Ave., Los Gatos, at $1297 submitted low bid to Los Gatos Town Council for improvement of University Ave. and Santa Cruz Ave., including repair of culverts and gutters.

Council recommended to the State Division of Highways that the bid be accepted.

BIDS OPENED

COLUSA COUNTY, Calif.—Clausen Embleton Co., 852 Carmel St., Albany, at $21,161.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 2.7 miles roadbed widening and surfacing with gravel surfacing in Colusa County, between Williams and 2.7 miles easterly.

The work involves:
(1) 310 M. gallons water;
(2) 3,000 c.y. imported borrow;
(3) 10,000 c.y. gravel surf.;
(4) 25 tons liquid asphalt SC-2(prime coat);
(5) 38 tons do 90-95 (seal coat);
(6) 50 tons sand (prime coat);
(7) 450 tons screenings (seal coat).

Complete bids follow:
(A) Clausen Embleton Co., Albany—$21,161.50.
(B) Hanrahan Co., San Francisco—$22,301.
(C) Claude C. Wood, Stockton—$24,-580.

Unit prices follow:

	(A)	(B)	(C)
(1)	$2.00	$1.50	$2.00
(2)	1.02	1.10	1.37
(3)	1.40	1.53	1.69
(4)	19.00	18.00	20.00
(5)	23.00	22.00	25.00
(6)	3.95	3.00	3.00
(7)	4.30	4.00	3.00

CONTRACT AWARDED

VENTURA CO., Calif.—Kovacevich & Price, Inc., 5400 Imperial Highway, Lynwood, at $5,701.50, awarded contract by State Division of Highways for grading and surfacing with plant-mixed surfacing about 0.23 mile, between Clark and Sudden Barranca, Ventura County.

BIDS OPENED

TULARE CO., Calif.—Union Paving Co., Call Bldg., San Francisco, at $32,605, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for constructing crusher run base borders, applying bituminous seal coat to roadbed, and applying road-mix surface treatment to shoulders, on about 8.1 miles in Tulare County, between Route 134 and Visalia.

The work involves:
(1) 8,100 tons crusher run base (borders);
(2) 30 tons liquid asphalt, SC-2 (prime coat);
(3) 100 tons liquid asphalt 90-95 (seal coat);
(4) 1,200 tons screenings (do);
(5) 175 tons liquid asphalt, SC-2 (shoulders);
(6) 29,000 sq. yds. preparing, mixing and shaping shoulders;
(7) 125 M. gals. water.

Complete bids follow:
(A) Union Paving Co., San Francisco—$32,605.
$36,567.50.
(C) John Jurkovich, Fresno—$37,475.
(D) N. M. Ball Sons Co., Berkeley—$39,050.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$2.65	$3.25	$3.00	$3.35
(2)	12.00	15.00	20.00	17.00
(3)	19.00	18.00	20.00	20.00
(4)	3.75	3.20	4.00	3.50
(5)	12.00	12.00	15.00	16.00
(6)	.07	.06	.10	.07
(7)	2.00	2.50	2.00	3.00

CONTRACT AWARDED

KERN CO., Calif.—Square Oil Co., 916 Adobe St., Los Angeles, at $13,-006, awarded contract by State Division of Highways for treating with Class A seal coat about 35.2 miles in Kern County, between the San Bernardino County Line and the Junction of Routes 23 and 145.

BIDS OPENED

NEVADA CO., Calif.—Independent Construction Co., Ltd., Forty-sixth and Clement Sts., Oakland, at $36,-341.50, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 2.9 miles surfacing with plant-mixed surfacing in Nevada County, between Grass Valley and Nevada City.

The work involves:
(1) 5,400 tons mineral agg. (plant-mix surf.);
(2) 245 tons liquid asphalt ROMC-4 (plant-mix surf.);
(3) 30 tons liquid asphalt MC-3 (seal coat);
(4) 275 tons sand (seal coat);
(5) 35,000 sq. yds. asph. paint binder.

Complete bids follow:
(A) Independent Construction Co., Ltd., Oakland—$36,341.50.
(B) Pacific States Construction Co., San Francisco—$39,162.50.

Unit prices follow:

	(A)	(B)
(1)	$5.15	$5.50
(2)	22.00	25.00
(3)	30.00	35.00
(4)	4.00	4.50
(5)	.03	.03

BIDS OPENED

BUTTE CO., Cal.—Claude C. Wood, 669 Bedford Road, Stockton, at $19,-855, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 3.1 miles surfacing with gravel and applying seal coat in Butte County, between Sacramento River and Chico.

BIDS OPENED

SAN FRANCISCO, Calif. — M. J. Lynch, Barneveld and Oakdale Aves., San Francisco, at $14,861.60, submitted low bid to San Francisco Department of Public Works, W. H. Worden, Director, for reconstruction of Steuart Street, between Mission and the Embarcadero; Spec. No. 18,-951.

The work involves:
(1) 1200 lin. ft. Granite Curb Reset to Grade.
(2) 600 sq. ft. granite curb redressed.
(3) 900 lin. ft. new granite curb, in place.
(4) 425 lin. ft. armored concrete curb.
(5) 21000 sq. ft. basalt block pavement removed.
(6) 4200 sq. ft. two-course concrete sidewalk.
(7) 1000 sq. ft. asphalt-macadam walk.
(8) 3 brick catchbasins (new) in place.
(9) 52 lin. ft. 10" V. C. P. Culvert. in place.
(10) 4 catchbasins reset or reconstructed.
(11) 6 concrete curb inlets.
(12) 6 manhole frames and covers. in place.
(13) 400 tons asphaltic base and levelling course.
(14) 800 tons asphaltic concrete wearing surface.
(15) 50 tons asphaltic concrete conform pavement.
(16) 21500 sq. ft. 6linch class "E" conc. pavement base.
(17) 20 cu. yds. clas "B" concrete.
(18) 1 fire alarm box relocated.
(19) 1 street sign reset.
(20) 3 L. P. hydrants raised.
(21) 2120 lin. ft. 4-inch white laquer traffic line.
(22) 1550 lin. ft. 1½-inch black enameled conduit.

Complete bids follow:
(A) M. J. Lynch, San Francisco—$14,861.60.
(B) A. G. Ralsch, San Francisco—$16,088.40.
(C) Pacific Pavements Co., Ltd., San Francisco—$16,159.90.
(D) Charles L. Harney, San Francisco—$16,416.30.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$ .45	$ .40	$ .40	$ .50
(2)	.50	.70	.50	.75
(3)	1.60	1.75	1.80	1.75
(4)	.75	.70	.80	1.00
(5)	.03	.06	.025	.045
(6)	.14	.13	.13	.14
(7)	.08	.08	.10	.08
(8)	85.00	70.00	85.00	80.00
(9)	1.50	1.00	1.50	1.70
(10)	50.00	45.00	60.00	50.00
(11)	9.00	6.00	6.00	10.00
(12)	25.00	25.00	25.00	30.00
(13)	3.90	4.00	4.80	4.40
(14)	4.25	4.40	4.80	4.70
(15)	4.25	4.80	6.00	5.00
(16)	.17	.19	.18	.19
(17)	8.00	7.00	7.00	7.00
(18)	60.00	50.00	50.00	50.00
(19)	2.00	2.00	2.50	10.00
(20)	20.00	30.00	30.00	15.00
(21)	.02	.02	.02	.02
(22)	.70	.67	.80	.55

Bids referred to City Engineer John J. Casey and to PWA.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Charles L. Harney, at $26,454.85, awarded contract by Department of Public Works, Room 251, City Hall, San Francisco, for widening and reconstruction of First Street, between Market and Harrison Streets. Spec. No. 18,923. Bids opened July 29.

BIDS OPENED

SANTA CRUZ COUNTY, Cal.—L. C. Karstedt, Hotel Resetar, Watsonville, at $11,991.50 submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for constructing a bridge across Corralitos Creek, one mile east of Watsonville and removing and disposing of the existing timber bridge.

BIDS WANTED

LOS ANGELES CO., Calif.—Until September 11, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about 0.5 mile between Route 19 and Anaheim Spadra Road, Los Angeles County.

The work involves:
(1) 28 sta. clear and grubb right of way;
(2) 250 M. gals. water;
(3) 1,100 cu. yds. rdwy. excav. without class.;
(4) 15,100 cu. yds. imported borrow;
(5) 250 cu. yds. struct. excav.;
(6) 20 cu. yds. ditch and channel excavation;
(7) 22 tons grade E asphaltic cement (membrane seal);
(8) 6,100 sq. yds. subgrade for pave.;
(9) 28 sta. finishing rdwy.;
(10) 1,210 cu. yds. class A Port. cem. conc. (pavement);
(11) 42 cu. yds. class A Port. cem. conc. (structs.);
(12) 8,800 lbs. bar reinf. steel (pave and structs.);
(13) 2,450 each pavement dowels;
(14) 180 lin. ft. 24-in. CMP;
(15) 12 each culvert markers.

NOTE: The State will furnish Corrugated Metal Pipe as more explicitly set forth in the special provisions.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the district engineers in San Francisco and Los Angeles.

BIDS WANTED

LOS ANGELES CO., Calif.—Until September 11, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for widening with Portland cement concrete pavement about 18.7 miles between Monterey Park and Pomona, Los Angeles County.

The work involves:
(1) 2,800 M. gals water;
(2) 48,000 cu. yds. rdwy. excav. without class.;
(3) 50 cu. yds. struct. excav.;
(4) 825 cu. yds. ditch and channel excav.;
(5) 111,700 sq. yds. subgrade for pavement;
(6) 45,500 sq. yds. subgrade blending;
(7) 6,400 cu. yds. blending material;
(8) 14,000 tons imported subgrade material;
(9) 987 sta. finishing rdwy.;
(10) 12,800 tons mineral aggregate (plant-mixed surf.);
(11) 675 tons liq. asphalt SC-4 (plant-mix surf.);
(12) 82 tons liq. asphalt SC-2 (prime coat);
(13) 23,250 cu. yds. class A Port. cem. conc. (pavement);
(14) 85,000 lbs. bar reinf. steel (pavement and struct.),
(15) 48,000 each pavement dowels;
(16) 11 cu. yds. class A Port. cement conc. (struct.);
(17) 16 lin. ft. 30-in. CMP;
(18) 20 lin. ft. 36-in. CMP;
(19) 510 each guide posts;
(20) 250 each exist. guide posts to be moved and reset;
(21) 7 each pavement crossing devices, Type C-10, single lane;
(22) 5 each pavement crossing devices, Type C-10, double lane.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of district engineers in San Francisco and Los Angeles.

BIDS WANTED

SACRAMENTO CO., Calif. — Until August 31, 10.30 a.m., bids will be received by State Division of Highways, C. H. Whitmore, District Engineer, 703 B Street, Marysville, for traffic striping at various locations in District III, about 425 miles of traffic stripe to be applied to existing pavement in Sacramento, Placer, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, El Dorado and Nevada Counties.

The work involves:
(1) 100 miles traffic stripe spotting;
(2) 425 miles traffic stripe painting.
application to above office. 39

BIDS WANTED

NEVADA CO., Calif.—Until August 31, 10 a.m., bids will be received by State Division of Highways, C. H. Whitmore, District Engineer, 703 B Street, Marysville, for constructing a parking area near the Donner Summit Bridge in Nevada County.

The work involves:
(1) 20 M. gals water;
(2) 1870 c.y. roadway excavation;
(3) 150 c.y. structure excavation;
(4) 600 c.y. imported borrow;
(5) 250 tons untreated crushed gravel or stone;
(6) 240 tons mineral aggregate (plant-mixed surfacing);
(7) 12 tons liquid asphalt ROMC-3, 4 or 5 (plant-mixed surfacing);
(8) 12 tons stone screenings (seal coat);
(9) 1.7 tons liquid asphalt SC-2 (prime coat);
(10) 1.2 liquid asphalt ROMC-3 or ROMC-4 (seal coat);
(11) 13 c.y. Class "A" Portland cement concrete (curb);
(12) 175 c.y. rubble masonry (retaining wall and piers);
(13) 190 l.f. rubble masonry (curb and gutter);
(14) 180 l.f. coil chain;
(15) 24 l.f. 8-in. CMP.

Plans and specifications and proposal forms on application to above.

BIDS OPENED

TUOLUMNE and Mariposa Counties Cal.—Lambs Transfer Co., 828 Cowles St., Long Beach, at $7,033.42 submitted low bid to State Division of Highways, R. E. Pierce, District Engineer, Stockton, for furnishing and applying liquid asphalt to existing roadbed on about 11.5 miles in Tuolumne and Mariposa Counties, between Moccasin Creek Dam and 0.3 mile south of Coulterville.

The work involves:
(1) 446 tons furnishing and aplying liquid asphalt, Type SC-4;

Complete bids follow:
Lamb's Transfer Co., Long Beach, per ton, $15.77; total, $7,033.42.
Sheldon Oil Co., Suisun, $19; $8,474.00.
Hayward Bldg. Materials Co., Hayward, $22.30; $9,945.80.

CONTRACT AWARDED

SIERRA COUNTY, Cal.—R. A. Farish, 14 Pinehurst Way, San Francisco at $54,507.42 awarded contract by the Bureau of Public Roads, Federal Bldg. San Francisco, for 3.7 miles grading on Section C of Route 27, the Sierraville-Hobart National Forest Highway Tahoe National Forest, Sierra County.

BIDS WANTED

FRESNO CO., Calif.—Until September 2, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing about 9.8 mi. crusher run base borders, applying non-skid surface treatment to existing pavement and portion of borders and applying road-mix surface treatment to the shoulders, between the south city limits of Fresno and Floral Avenue.

The work involves:
(1) 150 M. gals water;
(2) 9,800 tons crusher run base;
(3) 35 tons liq. asphalt SC-2 (prime coat);
(4) 81 tons asphaltic emulsion non-skid surface treatment;
(5). 2,100 tons screenings non-skid surface treatment;
(6) 35,000 sq. yds. preparing mix and shape shoulders;
(7) 220 tons liq. asphalt SC-2 road-mix surf. treatment.

Specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the district offices in San Francisco, Los Angeles, and Fresno.

BIDS WANTED

SANTA CLARA CO., Calif.—Until September 2, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying road-mix surface treatment about 1.2 mi. between State Route 68 and the north city limits of San Jose.

The work involves:
(1) 64 sta. clear and grubb.;
(2) 200 M. gals water;
(3) 4,200 cu. yds. rdwy. excav. without class.;
(4) 420 cu. yds. struct. excav.;
(5) 22,250 cu. yds. imported borrow;
(6) 64 sta. finishing roadway;
(7) 27,000 sq. yds. preparing mix and shape roadbed;
(8) 220 tons liq. asphalt SC-2 (road-mix surf. treatment);
(9) 150 lbs. bar reinf. steel;
(10) 4 cu. yds. class A Port. cem. conc. (structs.);
(11) 1,000 lin. ft. 18-in. CMP;
(12) 6 each culvert markers;
(13) 16 each monuments.

Specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the district offices in San Francisco and Los Angeles.

BIDS WANTED

SHASTA CO., Calif.—Until September 2, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with crusher run base and plant-mixed surfacing about 4.7 miles, between Shasta and Redding.

The work involves:
(1) 26 acres clear and grubb right of way;
(2) 3,600 M. gals. water;
(3) 181,000 cu. yds. roadway excev. without class.;
(4) 2,500 cu. yds. structure excav.;
(5) 1,000 cu. yds. ditch and channel excav.;
(6) 56 cu. yds. remove and dispose of exist. conc. and masonry;
(7) 1,020,000 sta. yds. overhaul;
(8) 249 sta. finishing roadway;
(9) 16,000 tons crusher run base;
(10) 7,000 tons mineral aggregate (plant-mix surf.);
(11) 370 tons liq. asphalt MC-5 or MC-extra heavy (plant mix surfacing);
(12) 40 tons liq. asphalt MC-3 (seal coat);
(13) 50 tons liq. asphalt SC-2 (prime coat);
(14) 435 tons sand (seal coat);
(15) 50 tons liq. asphalt SC-2 (penetration oil treatment);
(16) 2,400 lbs. bar reinf. steel (structurals);
(17) 43 cu. yds. class A Port. cem. conc. (structs.);
(18) 314 lin. ft. 12-in. CMP;
(19) 1,322 lin. ft. 18-in. CMP;
(20) 478 lin. ft. 24-in. CMP;
(21) 228 lin. ft. 24-in. CMP, 12 gau.;
(22) 44 lin. ft. 30-in. CMP;
(23) 98 lin. ft. 36-in. CMP;
(24) 114 lin. ft. 48-in. CMP, 10 gau.;
(25) 148 lin. ft. 60-in. CMP;
(26) 66 lin. ft. 72-in. CMP;
(27) 340 lin. ft. removing clean and salvaging exist. CMP;
(28) 60 lin. ft. 75-in. multi-plate CMP 412-13;
(29) 180 lin. ft. 90-in. multi-plate CMP 57-15;
(30) 100 lin. ft. 120-in. multi-plate CMP, 75-13;
(31) 3 each drop inlet frames and covers;
(32) 76 each culvert markers;
(33) 84 each monuments.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the district offices in San Francisco, Los Angeles and Redding.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until Sept. 3, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with asphalt concrete about 8 miles on Foothill Blvd. between Azusa and Claremont.

The work involves:
(1) 421 sta. clear and grub right of way;
(2) 1,200 M. gallons of water;
(3) 21,000 c.y. rdwy. excav., unclass.;
(4) 5,000 c.y. mile overhaul;
(5) 48,000 sq. yds. preparing subgrade
(6) 250 c.y. remove and dispose of existing concrete;
(7) 421 sta. finishing rdwy.;
(8) 6,100 tons mineral agg. (plant-mix surf.);
(9) 320 tons liquid asphalt SC-4 (do);

(10) 57 tons liquid asph. SC-2 (prime coat);
(11) 11,275 tons asphalt concrete (base and leveling course);
(12) 5,500 tons asphalt concrete (type A surface);
(13) 970 c.y. Class A portland cement concrete (curbs, gutters, driveways);
(14) 54 each culvert markers;
(15) 30 each guide posts.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and are on file in the district offices in Los Angeles and San Francisco.

CONTRACT AWARDED

GREENLEE COUNTY, Ariz.—H. J. Hagen, Globe, Ariz., at $50,594 awarded contract by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for grading Section B (portion) of Route 19, the Clifton - Alpine National Forest Highway, Greenlee Co., Ariz., a length of 1.854 miles.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until Sept. 3, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.9 mile widening Firestone Blvd. through Downey and placing widening strips of portland cement concrete and plant-mixed surfacing.

The work involves:
(1) 50 sta. clear and grub right of way;
(2) 460 M. gals. water;
(3) 13,000 c.y. rdwy. excav., unclass.;
(4) 7,800 tons imported selected material;
(5) 1,400 c.y. struc. excav.;
(6) 13,000 sq. yds. subgrade for pave.;
(7) 50 sta. finishing rdwy.;
(8) 2,400 tons mineral agg. (plant-mix surf.);
(9) 130 tons liquid asphalt MC-4 or MC-5 (do);
(10) 13 tons liquid asph. MC-2 (prime coat);
(11) 2,640 c.y. Class A portland cement concrete (pavement);
(12) 1 each Type C-20 single traffic lane pavement crossing device;
(13) 1 each Type B-20 do;
(14) 2 each Type B-20 double do;
(15) 5,200 each pavement dowels;
(16) 36,500 lbs. bar reinf. steel (pavement and struc.);
(17) 360 c.y. Class A portland cement concrete (struc.);
(18) 22,100 lbs. steel rail assemblies;
(19) 16,400 lbs. misc. iron and steel;
(20) 1,010 c.y. Class A portland cement concrete (curbs, gutters, sidewalks and driveways);
(21) 650 l.f. curb armor;
(22) 44 l.f. pipe handrail;
(23) 1 lot handrails, ornamental iron railing gates, chains and appurtenances (subway);
(24) 180 sq. yds. membrane waterproofing (subway);
(25) 1 lot drainage system (subway);
(26) 2,300 sq. yds. asph. paint binder;
(27) 1 lot electrical system (subway);
(28) 865 c.y. existing concrete to be removed and disposed of;
(29) 8 each manholes to be adjusted to grade;
(30) 6 l.f. 18-in. standard reinforced concrete pipe.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and are on file in the district offices in Los Angeles and San Francisco.

BIDS WANTED

ORANGE CO., Calif.—Until September 3, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about 8.9 miles between Newport Beach and Laguna Beach.

The work involves:
(1) 1,400 M. gals water;
(2) 37,000 cu. yds. rdwy. excav. without class.;
(3) 3,300 cu. yds. remove exist. bituminous macadam;
(4) 15,000 cu. yds. sand (subgrade treatment);
(5) 12,000 sq. yds. blending subgrade;
(6) 52,800 sq. yds. preparing subgrade;
(7) 471 sta. finishing roadway;
(8) 2,200 cu. yds. salvaged macadam base;
(9) 600 tons screenings salvaged macadam base;
(10) 11,700 tons mineral aggregate (plant-mix surf.);
(11) 614 tons liq. asphalt SC-4 (plant-mix surf.);
(12) 74 tons liq. asphalt SC-2 (prime coat);
(13) 34 tons liq. asphalt SC-1A (armor coat);
(14) 54 tons liq. asphalt 90-95 (armor coat);
(15) 2,000 tons screenings (armor coat);
(16) 10,400 cu. yds. class A Port. cem. conc. (pavement);
(17) 21,400 each pave. dowels;
(18) 7 each temporary pave. crossing devices, Type C-10, single lane;
(19) 2 each temporary pave. crossing devices, Type C-10, double lane;
(20) 39,600 lbs. bar reinf. steel.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file at the district offices in Los Angeles and San Francisco.

BIDS WANTED

SANTA BARBARA CO., Calif.—Until September 2, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with plant-mixed surfacing and applying seal coat to existing pavement and new surfacing portions of about 43.8 mi. between Las Cruces and Lompoc and between Zaca and Painted Caves Road.

The work involves:
(1) 1,140 tons mineral aggregate (plant-mix surf.);
(2) 60 tons liq. asphalt RCMC-4 (plant-mix surf.);
(3) 7 tons asphaltic emulsion (prime coat);
(4) 590 tons liq. asphalt dehydrated 70 (seal coat);
(5) 5,030 cu. yds. screenings (seal coat).

Specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the district offices in San Francisco, Los Angeles and San Luis Obispo.

BIDS WANTED

INYO CO., Calif.—Until September 2, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying road mix surface treatment on about 1.7 miles and constructing timber bridge, between two miles east of Lone Pine and one mile east of Owens River.

The work involves:
(1) 26,000 cu. yds. roadway excav. without class.;
(2) 287,000 sta. yds. overhaul;
(3) 75 cu. yds. struct. excav.;
(4) 25 cu. yds. ditch excav.;
(5) 3,000 cu. yds. imported borrow;
(6) 165 tons liq. asphalt SC-3;
(7) 46 tons liq. asphalt SC-2;
(8) 1.71 miles preparing mix and shape roadbed;
(9) 96 lin. ft. 24-in. CMP;
(10) 1,160 lin. ft. furnishing treated Douglas fir piles include test piles;
(11) 38 each driving piles include test piles;
(12) 13.5 M. ft. board measure Redwood timber, dense select, all heart, struct. grade;
(13) 3 M. ft. board measure Redwood timber, select, all heart, struct. grade;
(14) 30 cu. yds. class A Port. cem. conc. (structs.);
(15) 4,400 lbs. bar reinf. steel;
(16) 0.80 mile new property fence;
(17) 2 each drive gates;
(18) 4 each culvert markers;
(19) 14 each monuments.

NOTE: The State will furnish Corrugated Metal Pipe as more explicitly set forth in the special provisions.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the district offices in San Francisco, Los Angeles and Bishop.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until Sept. 3, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with portland cement concrete, asphalt concrete and bituminous macadam armor coat on selected material base about 0.3 mile on Washington Blvd. between Spence Street and Downey Road, Los Angeles County.

The work involves:
(1) 17 sta. clear and grub right of way;
(2) 180 M. gals. water;
(3) 41,250 c.y. rdwy. excav., unclass.;
(4) 15 c.y. struc. excav.;
(5) 700 sq. yds. subgrade for pave.;
(6) 17 sta. finishing rdwy.;
(7) 2,725 tons selected imported material;
(8) 685 tons broken stone bituminous macadam (armor coat);
(9) 46 tons liquid asphalt 90-95 bituminous macadam (armor coat)
(10) 10 tons liquid asph. SC-1A (prime coat);
(11) 275 tons asphalt concrete;
(12) 615 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks, pavement and traffic separator);
(13) 5 c.y. Class A portland cement concrete (struc.);
(14) 590 lbs. bar reinf. steel (pave. and struc.);
(15) 300 each pavement dowels;
(16) 2,100 lbs. misc. iron and steel;
(17) 5,333 lbs. steel rails;
(18) 8 l.f. 18-in. standard reinf. conc. pipe;
(19) 100 c.y. existing concrete to be removed and disposed of;
(20) 1 only lighting system.

Plans and specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and are on file in the district offices in Los Angeles and San Francisco.

BIDS WANTED

SAN BENITO, MONTEREY, SAN LUIS OBISPO & SANTA BARBARA CO.'S, Calif.—Until September 2, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying traffic stripe to about 665 mi. of pavement at various locations in District V.

The work involves:
(1) 665 miles traffic stripe painting;
(2) 245 miles traffic stripe spotting.

Specifications may be obtained from State Highway Engineer, P.O. Box

1499, Sacramento, and are on file in the district offices in San Francisco, Los Angeles and San Luis Obispo.

BIDS WANTED

SANTA CLARA CO., Calif.—Until September 2, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and paving with portland cement concrete about 3 mi. between Agnew underpass and San Jose.

The work involves:
(1) 160 sta. clear and grubb right of way;
(2) 1,000 M. gals. water;
(3) 4,500 cu. yds. roadway excavation without class;
(4) 85,000 sta. yds. overhaul;
(5) 130,000 cu. yds. imported borrow;
(6) 2,600 cu. yds. struct. excav.;
(7) 70 cu. yds. exist. conc. removed and disposed of;
(8) 160 sta. finishing roadway;
(9) 59,000 sq. yds. subgrade for pavement;
(10) 700 tons broken stone;
(11) 30 tons liq. asphalt, 90-95;
(12) 530 tons liq. asphalt, SC-2;
(13) 51,000 sq. yds. preparing mix and shape roadbed and shoulders;
(14) 1,550 tons asphalt conc.;
(15) 90,700 lbs. bar reinf. steel (pave. and structs.);
(16) 12,000 cu. yds. class A Port. cem. conc. (pave.);
(17) 24,000 each pave. dowels;
(18) 468 cu. yds. class A Port. cem. conc. (structs.);
(19) 1.5 M ft. board measure Redwood timber dense select, all heart, struct. grade;
(20) 800 lbs. misc. steel;
(21) 70 lin. ft. 2-in. cast-iron pipe;
(22) 25 lin. ft. 6-in. cast-iron pipe;
(23) 110 lin. ft. 8-in. CMP;
(24) 750 lin. ft. 12-in. CMP siphon;
(25) 138 lin. ft. 15-in. CMP siphon;
(26) 900 lin. ft. 18-in. CMP;
(27) 360 lin. ft. 24-in. CMP;
(28) 800 lin. ft. 30-in. CMP;
(29) 70 lin. ft. exist. pipe culverts cleaned and relaid;
(30) 50 each culvert markers;
(31) 400 each guide posts;
(32) 1.5 miles new property fence;
(33) 12 each drive gates;
(34) 1 lot lmping equip;
(35) 50 each monuments complete in place.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the district offices in San Francisco and Los Angeles.

BIDS WANTED

YOLO COUNTY, Calif.—Until Sept. 8, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing crusher run base borders and applying seal coat thereto on about 4.1 miles between Kiesel and Sacramento Weir, Yolo County.

The work involves:
(1) 200 M. gals. water;
(2) 6,500 tons crusher run base borders;
(3) 11 tons liquid asphalt, SC-2 (prime coat);
(4) 17 tons liquid asphalt 90-95 (seal coat);
(5) 200 tons screenings (seal coat).

Specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and are on file in the offices of the district engineers in San Francisco, Los Angeles and Marysville.

BIDS WANTED

INYO COUNTY, Calif.—Until Sept. 8, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying road-mix surface treatment and seal coat on about 1.7 miles between 2.5 miles and 0.7 mile south of Inyo-Mono County Line.

The work involves:
(1) 3,300 c.y. rdwy. excav., unclass.;
(2) 500 M. gals. water;
(3) 2,000 sta. ys. overhaul;
(4) 80 c.y. struc. excav.;
(5) 1,600 c.y. Type A, imported borrow;
(6) 7,400 c.y. Type B do;
(7) 179 tons liquid asphalt, SC-3;
(8) 22,300 sq. yds. preparing, mixing and shaping roadbed;
(9) 17 tons asphaltic emulsion (seal coat);
(10) 125 c.y. sand seal coat;
(11) 92 sta. finishing rdwy.;
(12) 6 l.f. 18-in. CMP;
(13) 30 l.f. 24-in. CMP;
(14) 44 l.f. 30-in. CMP;
(15) 8 l.f. 36-in. CMP;
(16) 148 l.f. clean and salvage existing CMP culverts;
(17) 8 each remove and dispose of headwalls;
(18) 5.5 c.y. Class A Portland cement concrete (struc.);
(19) 160 lbs. bar reinf. steel (struc.);
(20) 12 each culvert markers.

NOTE: The State will furnish corrugated metal pipe and band couplers as more explicitly set forth in the special provisions.

Specifications may be obtained from State Highway Engineer, P. O. Box 1499, Sacramento, and are on file in the offices of the district engineers in San Francisco, Los Angeles and Bishop.

BIDS WANTED

SOLANO CO., Calif.—Until Sept. 2, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Wks. Bldg., Sacramento, for widening about 11.9 miles existing roadbed, between Denverton and Rio Vista, Solano Co., and placing untreated crushed gravel or stone borders and applying armor coat.

The work involves:
(1) 620 M. gals water;
(2) 11,000 c.y. roadway excav. without class.;
(3) 11,000 sta. yds. overhaul;
(4) 2,000 cu. yds. imported borrow;
(5) 20,000 tons untreated crushed gravel or stone borders;
(6) 45 tons liq. asphalt SC-1A (prime coat);
(7) 280 tons asphaltic emulsion 90-95 (armor coat);
(8) 3,800 tons screenings (armor coat);
(9) 5 cu. yds. class A Port. cem. conc. (structs.);
(10) 600 lbs. bar reinf. steel (structs.);
(11) 2,500 lin. ft. remove and salvage exist. guard railing;
(12) 2,500 lin. ft. laminated guard railing;
(13) 100 each culvert markers;
(14) 10 each guide posts;
(15) 630 sta. finishing roadway.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the district engineers in San Francisco, Stockton and Los Angeles.

BIDS WANTED

KERN CO., Calif.—Until September 8, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and paving with asphalt concrete about 11.7 miles between 10.5 miles south of Bakersfield and Grove Street in Bakersfield, Kern County.

The work involves:
(1) Clear and grubb right of way;
(2) 2,600 M. gals water;
(3) 200 cu. yds. remove exist. conc.;
(4) 18,500 cu. yds. rdwy. excav. without class.;
(5) 590 cu. yds. struct. excav.;
(6) 210 cu. yds. ditch excav.;
(7) 56,000 cu. yds. imported borrow;
(8) 17,700 sq. yds. preparing subgrade;
(9) 550 sta. finishing rdwy.;
(10) 96,500 sq. yds. placing salvaged rock;
(11) 3,800 tons mineral aggregate (plant mix surf.);
(12) 160 tons liq. asphalt SC-4 (plant-mix surf.);
(13) 90 tons liq. asphalt SC-2 (prime coat);
(14) 550 tons liq. asphalt SC-2 (road-mix surf. treatment);
(15) 100,000 sq. yds. preparing mix and shape shoulders;
(16) 36,000 sq. yds. remixing rock surfacing;
(17) 32,100 tons asphalt conc. base and leveling course;
(18) 11,300 tons asphalt conc. type A surface course;
(19) 2,800 tons asphalt conc. type B surface course;
(20) 950 tons asphalt conc. type C surface course;
(21) 38,500 sq. yds. asphaltic paint binder;
(22) 33,600 lbs. bar reinf. steel;
(23) 260 cu. yds. class A Port. cement conc. (structs.);
(24) 36 lin. ft. 8-in. CMP;
(25) 16 lin. ft. 12-in. CMP;
(26) 48 lin. ft. 60-in. CMP;
(27) 4 each spillway assemblies;
(28) 210 lin. ft. laminated guard railing;
(29) 6 each culvert markers;
(30) 15 each guide posts;
(31) 56 each marker posts.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of district engineers in San Francisco, Fresno and Los Angeles.

BIDS WANTED

LOS ANGELES, Calif.—Until September 3, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing about 6.5 miles pavement borders of plant-mixed surfacing, between Brea and Pomona, Los Angeles County.

The work involves:
(1) 2,600 c.y. roadway excavation;
(2) 4,940 tons mineral aggregate (plant-mixed surfacing);
(3) 260 tons liquid asphalt MC-4 or MC-5 or MC-Extra Heavy (plant-mix surfacing).

Specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of district engineers in San Francisco and Los Angeles.

BIDS WANTED

STOCKTON, San Joaquin Co., Cal. Until August 31, 4 P. M., bids will be received by Stockton Port District, B. C. Allin, Secretary, for paving Road A, an extension to the present road system, involving construction of about 18,000 sq. ft. of portland cement concrete pavement.

Specifications on file with the secretary of the Stockton Port District and available to prospective bidders on deposit of $10.

BIDS WANTED

LOS ANGELES CO., Calif.—Until September 11, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with asphalt concrete about 1.2 miles between Polyhi Court and Stanley Avenue in the cities

of Long Beach and Signal Hill, Los Angeles County.

The work involves:

(1) 64 sta. clear and grubb right of way;
(2) 250 M. gals. water;
(3) 2,900 cu. yds. remove exist. conc.;
(4) 16,000 cu. yds. rdwy. excav. without class.;
(5) 5,600 cu. yds. struct. excav.;
(6) 6,500 cu. yds. imported subgrade material;
(7) 24,000 sq. yds. preparing subgrade;
(8) 64 sta. finishing rdwy.;
(9) 280 tons mineral aggregate (plant-mix surfacing);
(10) 15 tons liq. asphalt MC-4 or MC-5 (plant-mix surfacing);
(11) 2 tons liq. asphalt MC-2 (prime coat);
(12) 8,600 tons asphalt conc. (base and leveling course);
(13) 5,800 tons asphalt conc. (Type A surface);
(14) 27,500 sq. yds. asphaltic paint binder;
(15) 76,000 lbs. bar reinf. steel;
(16) 685 cu. yds. class A Port. cem. conc. (structs.);
(17) 8,500 lbs. misc. iron and steel;
(18) 2.2 M. ft. board measure Douglas fir timber bulkheads;
(19) 75 lin. ft. 12-in. stand. reinf. conc. pipe centrifugal;
(20) 340 lin. ft. 18-in. stand. reinf. conc. pipe centrifugal;
(21) 1,880 cu. yds. class A Port. cem. conc. (curbs, gutters and sidewalks);
(22) 1,400 lin. ft. curb armor;
(23) 54 lin. ft. 1½-in. galvanized pipe handrail;
(24) 60 each adjusting manholes to grade;
(25) 1,650 sq. yds. pedestrian subway membrane waterproofing;
(26) 1 lot pedestrian subway railing;
(27) 1 lot pedestrian subway drainage system;
(28) 1 lot pedestrian subway electrical system.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the district engineers in San Francisco and Los Angeles.

BIDS WANTED

SAN FRANCISCO, Calif.—Until August 27, 3 p.m., bids will be taken by the Public Utilities Commission, Rm. 287, City Hall, under Municipal Ry. Contract No. 173, for moving and resetting concrete trolley poles, lengthening spans, adjusting trolley wires, adapting manholes and painting poles on Van Ness Ave., from Market St. to North Point.

The work involves:

(1) 244 poles set in earth;
(2) 4 poles set in basements.

Specifications may be obtained from the office of Paul J. Ost, Chief Engineer, Room 605, 425 Mason St., San Francisco, upon deposit of $10.

CONTRACT AWARDED

GILA COUNTY, Ariz.—All-Arizona Engr. & Const. Co., Clifton, at $44,-359.35 awarded contract by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for grading on Section D and placing subgrade reinforcement on Sections B, C, and D of Rte. 11, the Payson-Colcord Mt. National Forest Highway, Tonto National Forest, Gila County.

BIDS WANTED

SANTA CLARA CO., Calif. — Until September 8, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and paving with asphalt concrete about 10.4 miles between San Jose and Coyote, Santa Clara County.

The work involves:

(1) 510 M. gals. water;
(2) 16,450 cu. yds. rdwy. excav. without class.;
(3) 1,510 cu. yds. struct. excav.;
(4) 50,400 cu. yds. imported borrow;
(5) 703 cu. yds. exist. conc. remove and dispose of;
(6) 549 sta. finishing rdwy.;
(7) 19,950 tons crusher run base;
(8) 170 tons liq. asphalt SC-1A shoulders;
(9) 115 tons liq. asphalt SC-2 shoulders;
(10) 860 tons screenings shoulders;
(11) 117,000 sq. yds. asphaltic paint binder;
(12) 52,500 tons asphalt conc.;
(13) 19,200 lbs. bar reinf. steel;
(14) 2,600 lbs. struct. steel;
(15) 163 cu. yds. class A Port. cem. conc. (structs.);
(16) 15 cu. yds. class A Port. cement conc. (curbs and gutters);
(17) 66 lin. ft. 12-in. CMP;
(18) 280 lin. ft. 18-in. CMP;
(19) 40 lin. ft. 24-in. CMP;
(20) 6 each headwalls removed and reset;
(21) 120 lin. ft. 12-in. conc. pipe, remove, clean and relay;
(22) 220 lin. ft. 12-in. conc. pipe remove, clean and salvage;
(23) 296 lin. ft. exist. CMP culverts remove, clean and relaid;
(24) 353 lin. ft. exist. CMP culverts remove, clean and salvage;
(25) 1,065 lin. ft. laminated guard railing;
(26) 0.83 mile new property fence;
(27) 2 each manholes adjusted to grade;
(28) 1 each catch basins adjusted to grade;
(29) 20 each monuments complete in place.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the office of the district engineers in San Francisco and Los Angeles.

NOTICE TO BIDDERS

FRESNO COUNTY, Cal.—A representative of the district office of the State Division of Highways will accompany prospective bidders over the proposed project in Fresno County, between south limits of Fresno and Floral Ave., for which bids are to be received Sept. 2, on Friday, August 28, at 10 A. M. The party will assemble at the office of the district engineer, Fresno.

30—RESERVOIRS & DAMS

CONTRACT AWARDED

CENTRAL VALLEY PROJECT.—Lynch Bros., 3635 Woodland Park, Seattle, at $47,242.75, awarded contract by U. S. Bureau of Reclamation for core-drilling and excavating for investigation of Baird Dam site, about 14 miles north of Redding.

Bids received for similar work at Table Mountain site, about 10 miles northeast of Red Bluff, were rejected.

BIDS WANTED

SALT RIVER PROJECT, Arizona. —Until September 2, 10 a.m., bids will be received by U. S. Bureau of Reclamation, E. C. Koppen, Engineer, Producer Bldg., Phoenix, for constructing diversion dam for the power canal, Salt River Project. The work is located about 20 miles notrhwest of Globe, Arizona.

The principal items of work and the estimated quantities involved are:

(1) 36,000 c.y. excavation, all classes;
(2) 1,200 c.y. excavation of old concrete;
(3) 6,500 c.y. backfill;
(4) 7,000 c.y. earth fill in embankment;
(5) 5,800 c.y. riprap;
(6) 4,100 c.y. concrete;
(7) 250,000 lbs. placing reinforcement bars.

Specifications and proposal forms may be obtained from the office of the Bureau at Phoenix, Denver, or Washington, D. C.

31—PIPE LINES & WELLS

CONTRACT AWARDED

LOS ANGELES, Calif—United Concrete Pipe Corp., 1347 West 208th St., Los Angeles, awarded contract by the Metropolitan Water District, at $955,-372.43 for constructing pre-cast concrete pipe line for the Upper Feeder of the Colorado River Aqueduct and Distribution System. Specifications No. 154. The work comprises 4.42 miles of 1-ft. 8-in. pre-cast concrete pine line.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing (1) 100 ft. well casing and (2) one starter for well to be drilled on Wilton Rancheria in Sacramento Co. were opened by the U. S. Indian Irrigation Service August 10 under Inv. No. 0291.

The bids were:

West Coast Pipe & Steel Co.: (1) $163.35; (2) $59.10; net.

Sacramento Pipe Works: (1) $171.-80; (2) $68.30; 2% 30 days.

Western Pipe & Steel Co.: (1) $178;

CONTRACT AWARDED

SAN BRUNO, San Mateo Co., Cal. —Western Well Drilling Co., Ltd., 522 W. Santa Clara St., San Jose, at $4,-365 awarded contract by San Bruno City Council for drilling a new well for the city water department.

Identical bids for casing the well were submitted by Smith & Sons, San Bruno, and Western Pipe & Steel Co., San Francisco, and were referred to City Engineer F. A. Savage for recommendation.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

TUOLUMNE COUNTY, Cal.—Until August 26, 3 P. M., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Contract 160, for constructing a storm water drainage system for Moccasin Diversion Works.

The work involves (quantities revised since previous report):

(1) 1,300 c.y. earth excavation;
(2) 700 c.y. rock do;
(3) 6 manholes, complete;
(4) 110 c.y. concrete;
(5) 14,000 lbs. reinforcing steel;
(6) 96 l.f. 18-in. CMP;
(7) 126 l.f. 18-in. cast iron pipe;
(8) 1540 l.f. 18-in. vitrified pipe;
(9) 500 l.f. 12-in. do;
(10) 100 l.f. 10-in. do;
(11) 60 l.f. 8-in. do;
(12) 350 l.f. 6-in. do;
(13) 80 c.y. gravel or crushed rock for trench backfill;
(14) 1500 sq. ft. crushed rock pave.;
(15) 40 c.y. riprap;
(16) 300 lbs. misc. metal work installed;
(17) 100 sacks extra cement.

Specifications obtainable from S. F. Water Dept. N. A. Eckart Chief Engineer Room 605 425 Mason St. upon deposit of $10.

AWARDS APPROVED

SUNSET BEACH, Orange County, Calif.—PWA approval of contracts for constructing the proposed sewer system and disposal plant have been received by the Sunset Beach Sanitary District. The contracts, as previously noted, are:

Miracle Co., 4751 Monroe St., San Diego, Section I, sewer system, at $45,725.25.

H. A. Teget, 133 Princeton St., Ontario, Section II, the disposal works, at $21,090.25.

George Miller, 9401 Brighton Way, Beverly Hills, Section III, the ocean outfall, at $3,950.

Grand total of combined low bids, $70,765.50.

BIDS OPENED

STOCKTON, San Joaquin County, Calif.—Oakland Sewer Constr. Co., 2310 Carleton St., Berkeley, at $2,661, submitted low bid to the Stockton City Council for construction of main and lateral sewers in the Avondale District.

The work involves:
(1) 436 l. f. 4-in. vitrified pipe sewer.
(2) 2,239 l. f. 6-in. vitrified pipe sewer.
(3) 124 l. f. 8-in. vitrified pipe sewer.
(4) 8 4-ft. diameter brick manholes.
(5) 3 5-ft. brick manholes.
(6) 2 lampholes.

Complete bids follow:
Oakland Sewer Const. Co., Berkeley, $2,661;
Earl W. Heple, San Jose, $3,038;
W. J. Tobin, Oakland, 3,263;
Loisal Const. Co., Stockton, $3,368.
Bids held under advisement.
Lyle Payton, city Engineer.

ENGINEER APPOINTED

HEALDSBURG, Sonoma Co., Calif.—City Council has commissioned Harry N. Jenks, Berkeley, to prepare a report on a sewage disposal system to replace existing septic tanks.

TO ASK FUNDS

PLACERVILLE, Placer Co., Calif.—City Council has authorized City Engineer Clifton Wildman to prepare application to PWA for 45 per cent grant toward constructing sewer mains and sewage disposal plant, estimated to cost $65,000. Harry N. Jenks, Berkeley, is consulting engineer.

BIDS WANTED

TUOLUMNE COUNTY, Cal.—Until August 26, 3 P. M., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Contract 160, for constructing a storm water drainage system for Moccasin Diversion Works.

The work involves:
(1) 1,300 c.y. earth excavation;
(2) 700 c.y. rock do;
(3) 6 manholes, complete;
(4) 97 c.y. concrete;
(5) 13,250 lbs. reinforcing steel;
(6) 96 l.f. 18-in. CMP;
(7) 126 l.f. 18-in. cast iron pipe;
(8) 1,536 l.f. 18-in. vitrified pipe;
(9) 101 l.f. 12-in. do;
(10) 10 l.f. 10-in. do;
(11) 60 l.f. 8-in. do;
(12) 336 l.f. 6-in. do;
(13) 60 c.y. gravel or crushed rock for trench backfill;
(14) 1000 sq. ft. crushed rock pave.;
(15) 26 c.y. riprap;
(16) 290 lbs. misc. metal work installed;
(17) 100 sacks extra cement.

Specifications obtainable from S. F. Water Dept., N. A. Eckart, Chief Engineer, Room 605, 425 Mason St., upon deposit of $10.

CONTRACT AWARDED

VERNON, Los Angeles Co., Calif.—Mike Radich and C. T. Brown, 410 N. Formosa Ave., at $17,981.93, awarded contract by Vernon City Council for constructing a storm drain of 12-in. to 36-in. vitrified clay pipe sewer and reinforced concrete pipe.

33— WATER WORKS

BONDS VOTED

WALNUT CREEK, Contra Costa Co., Calif.—A bond issue of $50,000 was approved at a special election to finance construction of a water system, including 300,000-gallon storage tank, distributing mains and pumps. The vote was 234 to 12.

WPA grant of $40,000 toward the project has been approved.

City Engineer George Oliver estimates cost of materials to be supplied by the city at $42,100; total cost, $88,000.

Specifications Completed

LOS ANGELES, Calif.—C. H. Howell, County Flood Control Engineer, has completed specifications for needle valves, butterfly valves, energy absorbers, and accessories for the outlet works of San Gabriel Dam No. 1. The schedules and items are:

SCHEDULE 1
(1) 2 129x117-in. cast body free discharge needle valves, f.o.b. cars Azusa by Feb. 1, 1938.

SCHEDULE 2
(1) One 51-in.v39-in. cast body, flanged, free discharge needle valve;
(2) One 102-in.x90-in. cast body, free-discharge needle valve;
(3) One 12-in.x9-in. cast body, flanged, free-discharge needle valve; f.o.b. Azusa by Feb. 1, 1938.

SCHEDULE 3
(1) One 51-in.x39-in. cast body, flanged needle valve complete for discharge into energy absorber;
(2) One 30-in.x24-in. same;
(3) One 39-in. inlet diam. x 75-in. outlet diam., cast body, flanged energy absorber;
(4) One 24-in. inlet diam. x 60-in. outlet diam. cast body, flanged, energy absorber; f.o.b. Azusa, as follows: (1) Sept. 1, 1937; (2) Feb. 1, 1938; (3) Sept. 1, 1937; (4) Feb. 1, 1938.

SCHEDULE 4
(1) Two 123-in. inside diam. cast body, hydraulically operated butterfly valves;
(2) One 96-in. inside diam. same;
(3) One 51-in. inside diam. same; f.o.b. Azusa, Sept. 1, 1937.

SCHEDULE 5
(1) Two 51-in. inside diam. cast body, flanged, hand-operated butterfly valves;
(2) One 30-in. same; f.o.b. Azusa: (1) by Sept. 1, 1937, and (2) by Feb. 1, 1938.

SCHEDULE 6
(1) 129-in.x117-in. cast body free discharge needle valves;
(2) One 51-in.x39-in. same, flanged;
(3) One 102-in.x90-in. same, without flange;
(4) One 12-in.x9-in. same, flanged;
(5) One 51-in.x39-in. same, flanged, for discharge into energy absorber;
(6) One 30-in.x24-in. same, flanged, for discharge into energy absorber;
(7) One 39-in. inlet diam. x 75-in. outlet diam. cast body, flanged, energy absorber;
(8) One 24-in. inlet diam. x 60-in. outlet diam., cast body flanged, energy absorber;
(9) Two 123-in. inside diam., cast body, hydraulically operated butterfly valves;
(10) One 96-in. diam. cast body hydraulically operated butterfly valve;
(11) One 51-in. diam. cast body, flanged, hydraulically operated butterfly valve;
(12) Two 51-in. inside diam. cast body, flanged, hand operated butterfly valve;
(13) One 30-in. inside diam. cast body, flanged, hand operated butterfly valve;

F.o.b. Azusa—Items 1, 2, 3, 4, 5, 8 and 13, Feb. 1, 1938; items 5, 7, 9, 10, 11 and 12, Sept. 1, 1937.

SCHEDULE 7
(Alt. to Schedules 1, 2, 4 and 5)
(1) Two 129-in.x117-in. cast body free discharge needle valves;
(2) One 51-in.x39-in. cast body, flanged, free discharge needle valves;
(3) One 102-in.x90-in. cast body, free discharge needle valves;
(4) One 12-in.x9-in. cast body, flanged, free discharge needle valve complete;
(5) Two 123-in. inside diam. cast body, hydraulically operated butterfly valves;
(6) One 96-in. inside diam. cast body, hydraulically operated butterfly valve;
(7) One 51-in. inside diam. cast body, flanged, hydraulically operated butterfly valve;
(8) Two 51-in. inside diam. cast body, flanged, hand operated butterfly valves;
(9) One 30-in. inside diam. cast body, flanged, hand operated butterfly valve;

F.o.b. Azusa: Items 1, 2, 3, 4 and 9 by Feb. 1, 1938; all other items by Sept. 1, 1937.

SCHEDULE 8
(Alt. to Schedules 1 and 2)
(1) Two 129-in.x117-in. cast body, free discharge needle valves complete;
(2) One 51-in.x39-in. cast body, flanged, free discharge needle valve;
(3) One 102-in.x90-in. cast body, free discharge needle valve;
(4) One 12-in.x9-in. cast body, flanged, free discharge needle valve.

F.o.b. Azusa, by Feb. 1, 1938.

SCHEDULE 9
(Alt. to Schedules 4 and 5)
(1) Two 123-in. inside diam. cast body, hydraulically operated butterfly valves;
(2) One 96-in. inside diam. cast body, hydraulically operated butterfly valve;
(3) One 51-in. inside diam. cast body, flanged hydraulically operated butterfly valve;
(4) Two 51-in. inside diam. cast body, flanged, hand operated butterfly valves;
(5) One 30-in. inside diam. cast body, flanged, hand operated butterfly valve.

F.o.b. Azusa; items 1, 2, 3 and 4, Sept. 1, 1937; item 5 by Feb. 1, 1938.

34 — PARKS AND PLAYGROUNDS

BIDS WANTED

SANTA CLARA CO., Calif.—Until August 27, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under S. F. Water Department Spec. No. 119, for fencing portions of Calaveras Reservoir with barbed-wire fence.

The work involves:
(1) 2090 redwood post furnished and set;
(2) 4180 redwood pickets, furnished and set;
(3) 50,160 lin. ft. barbed-wire fence for 4-strand fence;
(4) 190 braces furnished and installed.

Specifications obtainable from S. F. Water Department, N. A. Eckart, Chief Engineer, Room 605, 425 Mason St., upon deposit of $10. • 34

NEW BIDS WANTED

SAN MATEO, Calif.—Until August 31, 8 p.m., new bids will be received by San Mateo City Council for constructing two tennis courts, 50x120 ft. each, in the City Park, San Mateo. Bids will be taken as follows:
(1) Paving;
(2) Electrical work;
(3) Fencing.

Previous bids received were rejected.

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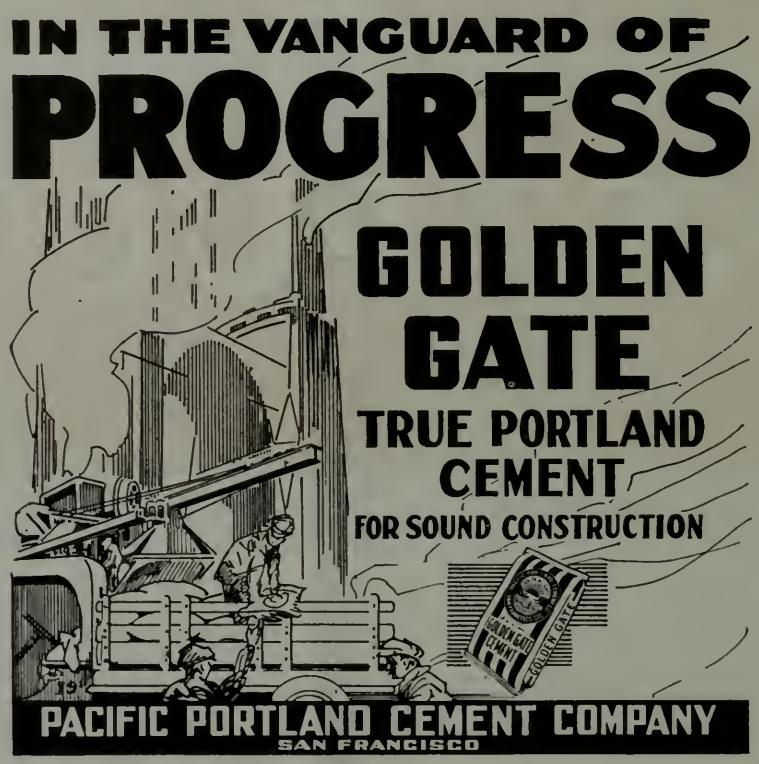

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Vol. XIX SAN FRANCISCO, CALIF., AUGUST 29, 1936 No. 34

DECK PAVING OF BAY SPANS 50% COMPLETED

Chief Engineer's Report Shows Progress As Scheduled Toward Opening

With construction activities on the San Francisco - Oakland Bay Bridge concentrated largely on the paving of the West Bay crossing, progress at this section was making rapid headway, according to the weekly report of Chief Engineer C. H. Purcell.

Paving on the south lane of the upper deck from Tower W-6 to the center anchorage was completed last week by Columbia Steel Co. This makes the entire pavement on the West Bay crossing within 50 per cent of completion.

Other work carried on simultaneously on the suspension spans is riveting, cable wrapping, and painting. Riveting of the West Bay crossing is 88 per cent completed, while work on cable wrapping is under way between Towers W-6 and W-7, the last sections to be wrapped.

With the painting of the third coat under way on the suspension spans, the painting contract on this section is now 65 per cent completed by Bridge Builders, Inc.

Erection of steel for the upper deck of the San Francisco anchorage was started last week.

Meanwhile, work has continued on the viaduct at the top of Rincon Hill, on the "off" ramp viaduct between Folsom and Harrison Sts., and on paving of the approach roadways.

With the completion of sandblasting in the Yerba Buena Island tunnel, preparatory to lining the tunnel with tile, the placing of mortar coats, which are to bind the tile to the concrete roof, has been started by Superior Tile Company.

In Emeryville, work on the San Pablo Avenue Underpass has been entirely completed with the exception of the paving of the side streets which is well under way by J. F. Knapp, contractor.

Industry Groups Called to Session On New Legislation

A luncheon meeting of the California Construction Congress, Northern Section, has been called by Chairman P. M. Sanford for Wednesday, September 2. It will be held in the St. Francis Hotel.

Announcing the session, Mr. Sanford said:

"We are now preparing for the next session of the legislature. The construction industry has serious problems to consider. It is necessary that we obtain a cross-section of our legislative needs.

"This meeting is preliminary to the state-wide conference of the California Construction Congress to be held in Fresno, September 18, at which time it is important that our northern executive committee present a consensus of the viewpoint of Northern California."

Board Committee To Advise Changes In Licensing Law

Revision of the State Contractors' License Act will be recommended at the next session of the legislature by the Contractors' License Board, it was indicated following the board's meeting in Long Beach. Recommendations of Registrar Earl S. Anderson were referred to the legislative committee of the board, headed by Hugh McNulty of Fresno.

This committee will transmit the board's proposals to all construction organizations for consideration with a request that they forward to the board any suggestions. The next meeting of the board on September 25 will receive the report of Mr. McNulty's committee.

"While the contractors' act was materially improved in 1935, many points were not gained due to lack of time in which the leaders of the industry could adjust differences among various groups," Mr. Anderson said. "The board believes it can well serve the contractors of the state by guiding the 1937 program so that it will be in good shape at the opening of the legislature."

PWA FORWARDS FINAL PAPERS TO APPLICANTS

Release Of $1,880,000 Work Here Hastened By Federal Agency Move

Offers of allotments for 339 projects, toward which PWA assistance was announced July 28, are being mailed to sponsors, Administrator Harold L. Ickes, announces.

The allotments total $23,230,674, of which $21,713,674 are grants, and $1,517,000 are loans. They will make possible construction to cost approximately fifty million dollars.

Northern California building projects to cost $1,800,000 are included in the Federal program. Among them are two new piers for the San Francisco waterfront on which the State Harbor Commission awaits authority from PWA to proceed. They will cost about $750,000 each, 45 per cent of the cost being pledged by PWA. School building jobs in Berkeley, Sacramento, Albany and Petaluma also will receive aid.

Under PWA regulations an offer is made to the applicant after the allotment is made. This offer might be considered as one-half of the contract. When the applicant accepts the grant and loan, or grant only, he agrees to comply with the regulations of the Public Works Administration and the matter then becomes a completed contract between the government and the applicant. The applicant thereafter can formally advertise for bids on the construction. The contract which results from these bids is then approved by the state director and construction begins at once.

The original list announced July 28 included 352 projects. Since that time, 13 applications have either been withdrawn by the applicant or evidence has been submitted which makes it obvious that the projects cannot be constructed under ERA regulations. In those cases where changes must be made in the allotments, Administrator Ickes said that work is going forward on them aes rapidly as possible.

FTC COMPLAINT NAMES COAST LUMBER CLUBS

Local Dealers Accused of Unfair Competition and Fixing Prices

Six California lumber dealers' associations are named respondents in a complaint alleged unfair competition filed by the Federal Trade Commission, according to news dispatches from Washington, D. C. The trade commission announcement described the group as "so influential as to be able to control the flow of trade in lumber and building materials within, to and from California."

The organizations named are: California Lumbermen's Council, San Francisco; Coast Counties Lumbermen's Club, Watsonville; Northern Counties Lumbermen's Club, Sacramento; Central Valley Lumbermen's Club, Stockton; Peninsula Lumbermen's Club, Redwood City, and San Joaquin Club, Fresno.

Officers of each organization except the Peninsula Lumbermen's Club also were named in the complaint. They were given until September 19 to show cause why they should not be compelled to "cease and desist from practices alleged to be in violation of the federal trade commission act.

The group was charged specicifically with having entered into an "agreement among themselves to promote their volume of business and profits" by:

"Compelling manufacturers and producers to refrain from selling lumber or building materials to so-called 'illegitimate' dealers who are not members of the respondent organizations and associations, and to force such 'illegitimate' dealers to purchase their requirements exclusively from or through the respondent members on terms of sale which will accord a profit to such respondents;

"Inducing manufacturers and producers to discontinue selling to 'illegitimate' dealers and to limit their sales to the respondents;

"Denying membership in the lumbermen's organization to any persons, partnerships or corporations engaging in business in communities served by the respondent dealers, and attempting to drive such concerns out of business;

"Denying membership in the organizations to dealers who refuse to abide by the respondents' program, and

"Fixing schedules of uniform prices, the price thus established being enhanced beyond those that would prevail under normal competition and in the absence of price agreements."

The commission's complaint stated that as a result of the alleged conspiracy "costs of construction, repair and maintenance of homes.

YOLO REFINERY BUILDING WORK BIDS SEPT. 15

Main Structures In Spreckels Plant To Be Let In Single Contract

Bids for a contract to erect the principal buildings of the new Spreckels sugar refinery in Yolo County, near Woodland, are to be received at the company offices in San Francisco September 15, it was announced yesterday by C. J. Moroney, manager. The plant has been designed by Architect George Kelham.

A lump sum bid will be taken on the general contract for constructing the main building, administrative building and storage silos. All structures will be of reinforced concrete. The storage silos will be w od lined.

The main refinery building will be 320 by 85 feet, two and three stories in height. The office building will be two stories, 96 by 61 ft.

The buildings are part of a $2,000,000 plant to be constructed by the Spreckels Company. Contracts have been let previously on preliminary work to Villadsen Bros., Oakland, for shops; to J. G. Motroni, Woodland, for a warehouse, and to J. R. Reeves, Sacramento, for road construction.

FELT APPOINTED NEVADA PWA HEAD

Wright L. Felt, formerly chief engineer of the power division of the PWA, has been transferred to Nevada as acting state PWA director. He succeeds J. L. Vandiver, who resignation was requested several months ago by Administrator Harold Ickes. Temporarily R. C. Haefeli, chief engineer of the Nevada state office, has been in charge. He will remain as chief engineer.

CIVIL ENGINEER EXAM DATES SET

Assistant Secretary Pecos H. Calahan of the State Board of Registration for Civil Engineers announces that the next written examination for a certificate of registration as a civil engineer; for the authority to use the title "structural engineer", and for a license as a land surveyor, will be held simultaneously in San Francisco and Los Angeles, October 29 and 30.

STATE REPORTS FURTHER GAINS IN EMPLOYMENT

Building Materials Producers Expanding Payrolls In California

Employment in California structural and ornamental steel shops in July was 66 per cent greater than in the same month last year and total weekly payrolls were double those of the 1935 month, according to the report of Louis Bloch, principal statistician for the State Division of Labor Statistics. Individual average weekly earnings were $26.62 last month, or about 20 per cent more than a year ago. The report is based on a survey of establishments employing 2605 persons and having an aggregate weekly payroll of $69,350.

Planing mills, sash and door factoriee and similar woodworking shops reported a gain of 5.7 per cent in number of employes, 20.5 per cent in total weekly payrolls and 14 per cent in average weekly earnings, comparing July, 1936, with the same month last year. The reporting group employed 4976 persons and had total weekly payrolls of $116,004.

Increases were reported also by the producers of lime, cement and plaster of six per cent in number employed, 23 per cent in payrolls and 16 per cent in weekly earnings.

The group of brick, tile and pottery producers reported employment of 28 per cent higher, payrolls gained 43 per cent and average earnings 11 per cent. The number of employes in this group last month in reporting establishments was 3,830 and total weekly payroll, $81,228.

Salinas Offers $60,000 Contract For School Work

Salinas school board has set September 8 as the date for receiving bids for reconstructing and earthquake-proofing the high school auditorium. The contract also will provide for enlarging the auditorium. The contract also will provide for enlarging the auditorium seating capacity to 1250 and for addition of dressing rooms.

Plans for the work were prepared by Architect Chas. Butner, Salinas. F. W. Kellberg, San Francisco, is the consulting structural engineer. The cost is estimaetd at about $60,000.

The contract is part of the school district's PWA program of new building and rehabilitation of existing structures to comply with earthquake safety requirements.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1721	Standard	Owner	6000
1722	Nixon	Tassi	1000
1723	Anderson	Owner	4000
1724	Anderson	Owner	4000
1725	Mannings	Dinwiddie	3000
1726	Michael	Owner	4000
1727	Young	Evanow	4000
1728	De Patta	Owner	1000
1729	French	Jensen	3680
1730	Arnott	Owner	4000
1731	Arnott	Owner	4000
1732	Arnott	Owner	4000
1733	Arnott	Owner	4000
1734	Arnott	Owner	4000
1735	Mazola	Owner	2000
1736	Kent	Giusti	2500
1737	New	Owner	1000
1738	Lindsay	Owner	3500
1739	Samuels	Jacks	9000
1740	Tricoli	Owner	12000
1741	Contant	Lindsay	4950
1742	Jacks	Rahlman	2500
1743	General	Cahill	45000
1745	Horn	Morris	4000
1746	Horn	Morris	4000
1747	Barber	Owner	4000
1748	Thysen	Larsen	3500
1749	Labataille	Owner	1000
1750	Eyre	.....	3000
1751	Witbeck	Owner	2000
1752	Rio	Mills	2750
1753	Barsotti	Owner	3000
1754	Barsotti	Owner	3000
1755	Lindsay	Owner	3600
1756	Lindgren	Owner	7000
1757	Stater	Owner	3000
1758	Warner	Petersen	2000
1759	Gianotti	Gettins	1500
1760	Patrizi	Truffelli	1000
1761	Belasco	Lindsay	3950
1762	Johnson	Owner	3500
1763	De Goff	Coburn	1000
1764	Karslund	Beauchaine	1700
1765	Doelger	Owner	4000
1766	Doelger	Owner	4000
1767	Doelger	Owner	4000
1768	Doelger	Owner	4000
1769	Doelger	Owner	4000
1770	Bothin	Mattock	1600
1771	Grahn	Owner	3000
1772	Grahn	Owner	3000
1773	Grahn	Owner	3000
1774	Grahn	Owner	3000
1775	Standard	Owner	3000
1776	Shreve	Emanuel	3000
1777	Robinson	Owner	15000
1778	Toulouse	Owner	2500
1779	Olano	Coburn	1700
1780	Bowen	Risu	3500
1781	Stewart	Peterson	1800
1782	Standard	Owner	3000
1783	Evers	Owner	4000
1784	Boelsen	Lindgren	4800
1785	Hoeffler	Owner	15000
1786	Mogan	Little	4000

GAS STATION
(1721) NW COR. POLK and McAllister. Steel gas and greasing station.
Owner — Standard Stations, Inc., 200 Bush Street.
Architect—Not Given. $6,000

ALTERATIONS
(1722) 160 SANSOME ST. Alter offices.
Owner—Blanche F. Ryer and D. R. Nixon, care contractor.
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market. $1,000

DWELLING
(1723) W 31st AVE. 275 S Judah St. One - story and basement frame dwelling.
Owner and Contractor—Christian Anderson, 146 Granville Way.
Architect—Not Given. $4000

DWELLING
(1724) W 31st AVE. 250 S Judah St. One - story and basement frame dwelling.
Owner and Contractor—Christian Anderson, 146 Granville Way.
Architect—Not Given. $4000

ALTERATIONS
(1725) 658 MARKET ST. Alter restaurant.
Owner—Mannings, Inc., 365 Brannan.
Architect—Not Given.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg. $3000

DWELLING
(1726) E WESTGATE DRIVE 60 S Upland Dr. One-story and basement frame dwelling.
Owner—Michael & Bomerer, 762 De Haro Street.
Architect—Conrad T. Kett, 519 California Street. $4000

ALTERATIONS
(1727) 365 MARKET ST. Alter restaurant.
Owner—A. Young, premises.
Architect—Not Given.
Contractor—Evanow Const. Co., 1000 Columbus Ave. $4,000

ALTERATIONS
(1728) 21 LAIDLEY. Alter cottage.
Owner—Margaret De Patta, 158 Lundy Lane.
Architect—Not Given. $1000

ALTERATIONS
(1729) COR. GEARY and 6th Ave. Alter hospital.
Owner—French Hospital Assn., premises.
Architect—Fabre and Hildebrand, 110 Sutter Street.
Engineer—F. W. Kellberg, 320 Market Street.
Contractor—G. P. W. Jensen 320 Market Street. $3680

DWELLING
(1730) W SAN JOSE 135 S Paulding. One - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval St.
Architect—Not Given. $4,000

DWELLING
(1731) W SAN JOSE 80 S Paulding. One - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval St.
Architect—Not Given. $4,000

DWELLING
(1732) E CECELIA 152 S Rivera. One - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval St.
Architect—Not Given. $4,000

DWELLING
(1733) E CECILIA Ave. 121 S Rivera. One - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval St.
Architect—Not Given. $4,000

DWELLING
(1734) W SAN JOSE 108 S Paulding. One - story and basement frame dwelling.
Owner and Builder—James Arnott & Son, 633 Taraval St.
Architect—Not Given. $4,000

DWELLING
(1735) E MISSOURI 175 N Mariposa. One - story and basement frame dwelling.
Owner & Builder—Mark Marzola 3632 Market St.
Architect—Not Given. $2,000

ALTERATIONS
(1736) 141 MONTGOMERY ST. Alter restaurant.
Owner—Jack Kent, 141 Montgomery.
Architect—Not Given.
Contractor—S. A. Giusti & Co., 200 Green Street. $2,500

ALTERATIONS
(1737) 2584 MISSION ST. Alter market.
Owner—New Mission Market, premises.
Architect—Not Given. $1,000

DWELLING
(1738) E MOSCOW 175 S Russia. One-story and basement frame dwelling.
Owner and Builder—Boyd C. Lindsay, 183 Oxford Street.
Architect—Not Given. $3,500

ALTERATIONS
(1739) 879 MARKET ST. Alter store.
Owner—Albert S. Samuels Co., care contractor.
Architect—Wm. I. Garren, 233 Post.
Contractor—Jacks & Irvine, 620 Market Street. $9,000

ALTERATIONS
(1740) 2707 LAGUNA ST. Alter apts.
Owner—Carlo Tricoli, premises.
Architect—C. H. Bristow, 240 Market Street. $12,000

DWELLING
(1741) W 16th AVE. 125 N Ortega. One - story and basement frame dwelling.
Owner—J. J. Contant, 2255 North Pt.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue. $4,950

DWELLING
(1742) N THIRD 78 W Revere. One-story and basement frame dwelling.
Owner—Roy F. Jacks, 5116 3rd St.
Architect—Not Given.
Contractor—H. E. Rahlmann Co., 251 Kearny Street. $2,500

STOCK CELLAR
(1743) S CARROLL 130 E Newhall. Class A stock cellar.
Owner — General Brewing Co., 2600 Newhall.
Architect—Frederick H. Meyer, Kohl Building.
Engineer—C. H. Snyder, 251 Kearny.
Contractor—Cahill Bros., 206 Sansome Street. $45,000

DWELLING
(1745) W 30th AVE. 30 S Vicente. One - story and basement frame dwelling.
Owner—Henry Horn, 170 Upland Dr.
Architect—D. E. Jackle, 126 Post St.
Contractor—Morris & Debret, 95 Pinehurst Way. $4,000

DWELLING
(1746) W 30th AVE. 55 S Vicente. One - story and basement frame
Owner—Henry Horn, 170 Upland Dr.
Architect—D. E. Jackle, 126 Post St.

Contractor—Morris & Debret, 95 Pinehurst Way. $4,000

DWELLING
(1747) NE SENECA 160 NW Knights Place. One - story and basement frame dwelling.
Owner—Harold B. Barber, 225 College Avenue.
Architect—Not Given. $4000

DWELLING
(1748) SE LANE 50 SW Oakdale. One - story and basement frame dwelling.
Owner—E. and J. Thyssen, 1575 Newcomb St.
Architect—Not Given.
Contractor—S. Larsen, 365 Ashton Ave. $3500

ALTERATIONS
(1749) 333 PAGE ST. Alter apts.
Owner—E. S. Labataille, premises.
Architect—Not Given. $1000

ALTERATIONS
(1750) 2411 BROADWAY. Alter dwelling.
Owner—Robert M. Eyre, premises.
Architect—A. H. Larsen, 333 Kearny.
Contractor—To Be Let. $3,000

ALTERATIONS
(1751) 171 SAN BENITO. Alter dwelling.
Owner—R. C. Witbeck, premises.
Architect—Not Given. $2,000

SERVICE STATION
(1752) SW SEVENTH and Bryant. Class C service station.
Owner—Rio Grande Oil Co., 400 Illinois Street.
Architect—Not Given.
Contractor—Mills Const. Co., Russ Building. $2750

DWELLING
(1753) N REVERE 50 W Keith. One-story and basement frame dwelling.
Owner and Builder—Arturo Barsotti, 1499 Quesada.
Architect—Not Given. $3,000

DWELLING
(1754) W KEITH 50 N Revere. One-story and basement frame dwelling.
Owner and Builder—Arturo Barsotti, 1499 Quesada.
Architect—Not Given. $3,000

DWELLING
(1755) E 30th AVE. 250 S Kirkham. One - story and basement frame dwelling.
Owner and Builder—C. T. Lindsay, 140 Duboce Ave.
Architect—Not Given. $3,600

FLATS
(1756) E BEAVER 89 of first angle of W Castro. Two - story frame flats.
Owner—Erik Lindgren, 1414 Pacific.
Architect—D. E. Jaekle, 126 Post St. $7,000

ALTERATIONS
(1757) 1600-20 VAN NESS AVENUE. Alter auto agency.
Owner—Stater Motor Co., 1000 Geary.
Architect—Not Given. $3,000

ALTERATIONS
(1758) 1605 HAIGHT ST. Alter restaurant.
Owner—B. A. Warner, premises.
Architect—Not Given.
Contractor — A. Petersen, 2758 San Bruno Avenue. $2,000

SERVICE STATION
(1759) SW 24th and Vermont. One-story steel service station.
Owner—Henry Gianotti, % contractor.
Engineer—J. McFarland, 710 47th Ave.
Contractor—H. T. Gettins Co., 268 13th Street. $1500

ALTERATIONS
(1760) 2700 PIERCE ST. Alter dwelling.
Owner—Ettore Patrizi, premises.
Architect—L. Mastropasqua, 580 Washington St.
Contractor—J. Truffelli, 1165 Clay St. $1,000

DWELLING
(1761) E 30th AVE. 225 S Kirkham. One - story and basement frame dwelling.
Owner—Fred Belasco, % contractor.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue. $3950

DWELLING
(1762) E 18th AVE. 155 N Wawona. One - story and basement frame dwelling.
Owner and Builder — S. F. Johnson, 2601 17th Ave.
Architect—Not Given. $3,500

ALTERATIONS
(1763) 168 O'FARRELL ST. Alter restaurant.
Owner—Frank De Goff, 2048 Market.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market Street. $1,000

ALTERATIONS
(1764) 2963 26th ST. Alter flat.
Owner—Mrs. Karslund, premises.
Architect—Not Given.
Contractor—A. Beauchaine, 2279 Market Street. $1700

DWELLING
(1765) W 28th AVE. 100 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1766) W 28th AVE. 75 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1767) W 28th AVE. 125 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1768) W 28th AVE. 25 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1769) W 28th AVE. 50 N Vicente. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

ALTERATIONS
(1770) 663 HOWARD ST. Alter factory.
Owner—Bothin Real Estate Co., 212 Clara Street.
Architect—A. McSweeney, 604 Mission.
Contractor—A. F. Mattock Co., 212 Clara St. $1600

DWELLING
(1771) E NUEVA 175 S Blanken. One-story and basement frame dwelling.
Owner and Builder—Wm. H. Grahn, 2965 Mission Street.
Architect—Not Given. $3,000

DWELLING
(1772) E NUEVA 125 S Blanken. One-story and basement frame dwelling.
Owner and Builder—Wm. H. Grahn, 2965 Mission Street.
Architect—Not Given. $3,000

DWELLING
(1773) E NUEVA 150 S Blanken. One-story and basement frame dwelling.
Owner and Builder—Wm. H. Grahn, 2965 Mission Street.
Architect—Not Given. $3,000

DWELLING
(1774) E NUEVA 100 S Blanken. One-story and basement frame dwelling.
Owner and Builder—Wm. H. Grahn, 2965 Mission Street.
Architect—Not Given. $3,000

GREASING STATION
(1775) NW O'FARRELL and Larkin. One-story steel greasing station.
Owner and Builder—Standard Stations Inc., 200 Bush Street.
Architect—Not Given. $8,000

ALTERATIONS
(1776) 136 GEARY ST. Alter store.
Owner—Shreve, Treat & Eacret, 136 Geary Street.
Architect—Not Given.
Contractor—L. and E. Emanuel, Inc., 2665 Jones St. $3,000

APARTMENTS
(1777) SW CASA WAY 210 S Marina Blvd. Three-story frame apt. house with basement.
Owner & Builder—Robinson & Johnston, 180 Oak Street.
Architect—R. R. Irvine, 2048 Market Street. $15,000

ALTERATIONS
(1778) 825 LINCOLN WAY. Alter dwelling.
Owner — Mr. Toulouse, 821 Lincoln Wayy.
Architect—H. Dickel. $2,500

ALTERATIONS
(1779) 3462 MISSION ST. Alter store.
Owner—Frank Olano, 2048 Market.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market Street. $ 1700

DWELLING
(1780) S 27th ST. 142 W Dolores St. One - story and basement frame dwelling.
Owner—C. L. Bowen, 72 Chattanooga.
Architect—Not Given.
Contractor—E. O. Risu, 528 Douglas. $3,500

ALTERATIONS
(1781) 2729 JACKSON Street. Alter dwelling.
Owner—T. Z. Stewart, 2881 Jackson.
Architect—Not Given.
Contractor—Carl H. Peterson, 60 21st Avenue. $1800

GAS STATION
(1782) NW O'FARRELL and Larkin. One-story steel gas station.
Owner and Builder—Standard Stations Inc., 200 Bush Street.
Architect—Not Given. $3,000

DWELLING
(1783) W 38th AVE. 125 S Judah St. One - story and basement frame dwelling.

Owner—Kenneth Evers, 97 San Pablo.
Architect—C. O. Clausen, 746 46th Avenue. $4,000

DWELLING
(1784) W BEAUMONT 198 N Turk St. One - story and basement frame dwelling.
Owner—F. Boelsen, general offices of Municipal Railway.
Architect—G E. Ralph, 110 Sutter St.
Contractor—A. C. Lindgren, 146 Lowell Street. $4,800

APARTMENTS
(1785) S UNION 45 E Calhoun. Three story frame apartments.
Owner—W Hoeffler, 22 Alta.
Architect—Not Given.
Contractor—Not Selected. $15,000

DWELLING
(1786) E 25th AVE. 79 N Ocean Ave. One - story and basement frame dwelling.
Owner—Mary and Gerarda Mogan, % contractor.
Architect—Not Given.
Contractor—M. A. Little Co., 107 24th Avenue. $4,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1301	Gates	Livingston	29150
1302	Nelson	Nelson	5500
1303	Wadsworth	Bartlett	16000
1304	Kunzelman	Waldman	5000
1305	Clark	Parks	8000
1306	Wittich	Stead	2000
1307	Stroud	Owner	4500
1308	Fisher	Reliable	10000
1309	Johnson	Owner	4500
1310	Dodds	New	7000
1311	Holladay	Van Bokkelen	7000
1312	Bischoff	Owner	6500
1313	Ogilvie	Owner	1250
1314	City	Owner	9000
1315	Rothman	Ungaretti	13000
1316	Plain	Owner	3675
1317	Miller	Owner	2000
1318	Chevrolet	Kennedy	15000
1319	King	Owner	4000
1320	McGrath	Flinn	2000
1321	Harde	Owner	9000
1322	Kelly	Van Ness	4150
1323	Balsh	Griffith	1600
1324	De Chene	Rich	4000
1325	Fisher	Johnson	2500
1326	Lyman	Owens	2000

DWELLING
(1290) 4470 HARBOARD DR., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Matthew Klein. 4071 Oakmore Road, Oakland.
Architect—Not Given. $4500

ADDITION
(1291) 5440 BROOKDALE AVENUE. OAKLAND. Addition.
Owner—Mrs. Lamonde Beatty, 4 5 3 8 Pampos Ave., Oakland.
Architect—Not Given.
Contractor—Hagen & Herndon, 4148 Bayo St., Oakland. $3500

DWELLING
(1292) 1628 86th AVE., OAKLAND. One-story 5-room dwelling.
Owner—J. C. Toffelmier, 8650 E 14th St., Oakland.
Architect—Not Given.
Contractor—C. J. Krattenmaker, 5322 James Ave., Oakland. $2950

DWELLING
(1293) 3899 COOLIDGE AVE., OAKLAND. One-story 4-room dwelling.
Owner and Builder—Helen M. Lincoln 2908 8th Ave., Oakland.
Architect—Not Given. $2250
Also one-story garage, $250.

RE-ROOFING
(1294) 1800 CAMPBELL ST., OAKLAND. Re-roof.
Owner—Merchants' Express Co.
Architect—Not Given.
Contractor—N. V. Heathorn Roof. Co., 354 Hobart St., Oakland. $2,000

DWELLING
(1295) 4844 ALLENDALE AVENUE, OAKLAND. One - story six-room dwelling.
Owner—F. E. Osborn.
Architect—Not Given.
Contractor — Fred Hambleton, 1 6 0 1 Wellington St., Oakland. $4,000

GARAGE
(1296) 212 E 12th ST., OAKLAND. One-story brick garage.
Owner—Richard Fong, 556 10th St., Oakland.
Architect—Not Given.
Contractor—Oscar Soder, 841 Arlington St., Oakland. $6,000

DWELLING
(1297) 5953 MANCHESTER DRIVE, OAKLAND. Two - story 9-room dwelling.
Owner—T. J. Finerty.
Contractor—A. W. Shaw, 5401 Broadway, Oakland. $11,000

DWELLING
(1298) 744 SPRUCE ST., BERKELEY. Two-story 7-room frame dwelling and garage.
Owner—Phillip Johnson, 505 Kenwood Way, San Francisco.
Architect—George Rushforth, 21 San Mateo Road, Berkeley.
Contractor—Edw. M. Sorenson, 1907 Parker, Berkeley. $7600

DWELLING
(1299) 2709 MABEL ST., BERKELEY. One-story 2-room dwelling and garage.
Owner and Builder—E. Silvan, premises.
Architect—Not Given. $1,000

COTTAGE
(1300) 2220 BANCROFT WAY, BERKELEY. One-story 7-room dental cottage.
Owner—Mrs. Gladys Leggatt, Bank of America Bldg., Berkeley.
Architect—B. R. Hardman, 2068 Allston Way, Berkeley.
Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. $4275

RESIDENCE
(1301) 21 BELLEVUE AVE., PIEDMONT. Two-story 14-room residence and garage.
Owner—Milo T. Gates, 260 Seaview Ave., Piedmont.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Wm. Livingston and Son, 1152 Euclid Ave., Berkeley. $29,150

DWELLING
(1302) 1 9 5 6 HOOVER AVE., OAKLAND. Two-story 6-room dwelling.
Owner—Rochel H. Nelson, 415 Bellevue Ave., Oakland.
Architect—Not Given.
Contractor—H. Nelson, 415 Bellevue Ave., Oakland. $5500

APARTMENTS
(1303) 2527 EIGHTH AVE., OAKLAND. Two-story 16-room apts.
Owner—E. Wadsworth, 2247 Havenscourt Blvd., Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—R. E. Bartlett, 246 Trinity Ave., Berkeley. $16,000

DWELLING
(1304) 5931 MORAGA AVE., OAKLAND. One-story 6-room dwelling.
Owner—H. Kunzelman, 676 Dowling St., San Leandro.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $5000

DWELLING
(1305) 3 6 0 VASSAR, BERKELEY. Two - story 7-room frame dwelling and garage.
Owner—W. Clark, 1208 Colusa.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Randolph Parks, 2401 Addison St., Berkeley. $8,000

STORE BLDG.
(1306) 2017 CENTER ST., BERKELEY. One-story 1-room store.
Owner—J. H. Wittich, 2015 Center St., Berkeley.
Architect—J. H. Platt, 2024 University Ave., Berkeley.
Contractor—Frank A. Stead 3206 Boise Berkeley. $2000

DWELLING
(1307) 1384 ADA ST., BERKELEY. One-story 6-room frame dwelling and garage.
Owner and Builder—J. A. Stroud, Jr., 370 17th St., Berkeley.
Architect—C. H. Triechel, 696 Cleveland St., Oakland. $4500

FLATS
(1308) 614-16 BROOKLYN AVENUE, OAKLAND. Two-story ten - room flats.
Owner—E. J. Fisher, 972 Grosvenor Place, Oakland.
Architect—Not Given.
Contractor—Reliable Homes, Inc., 3500 35th Ave., Oakland. $10,000
Also 1-story garage, $400.

DWELLING
(1309) 39 EL CARMELLO CIRCLE, OAKLAND. One - story six-room dwelling.
Owner and Builder—O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given. $4500

DWELLING
(1310) 2752 DORNBY DRIVE, OAKLAND. Two-story 7-room dwelling.
Owner—E. B. Doods, 1515 Financial Center Bldg., Oakland.
Architect—C. H. Treichel, 696 Cleveland St., Oakland.
Contractor—New American Homes & Invest. Co., 1515 Financial Center Bldg., Oakland. $7,000

ALTERATIONS
(1311) 1749 BROADWAY, OAKLAND. Alterations.
Owner—E. B. Holladay, care Bruce Maiden Company.
Architect—Not Given.
Contractor—W. K. Van Bokkelen, 439 23rd St., Oakland. $7,000

DWELLING
(1312) 380 VASSAR, BERKELEY. Two-story 6-rom frame dwelling and garage.
Owner and Contractor—J. A. Bischoff 2717 Russell, Berkeley.
Architect—Not Given. $6500

DWELLING
(1313) 6639 PINENEEDLE ROAD, OAKLAND. One - story 3 - room dwelling.
Owner and Builder—Esther R. Ogilvie, Walnut Creek.
Architect—Not Given. $1250

ALTERATIONS
(1314) 172 SANTA CLARA AVENUE, OAKLAND. Alterations and additions.
Owner and Contractor—City of Oakland, City Hall.
Architect—Not Given. $9000

APARTMENTS
(1315) 2030 EIGHTH AVE., OAKLAND. Two-story 16-room apts. LAND. Two-story 16-room apts. and 1-story garage.
Architect—Not Given.
Contractor—Chas. Ungaretti and Son, 1727 Foothill Blvd., Oakland. $13,000

DWELLING
(1316) 4411 TOMPKINS ST., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Plain & Jarvis, 3005 38th Ave., Oakland.
Architect—Not Given. $3500
Also 1-story garage, $175.

DWELLING
(1317) 6416 HEATHER RIDGE Way, OAKLAND. One-story 4-room dwelling.
Owner and Contractor—Claude A. Miller, 2339 Hilgard St., Berkeley.
Architect—Not Given. $2,000

ADDITION
(1318) 6901 FOOTHILL BLVD., OAKLAND. Concrete and steel addition.
Owner—Chevrolet Motor Co., 6901 Foothill Blvd., Oakland.
Architect—Not Given.
Contractor—F. T. Kennedy, 171 12th St., Oakland. $15,000

DWELLING
(1319) 1429 ACTON, BERKELEY. One-story 5-room frame dwelling and garage.
Owner & Builder—E. King, 1420 Hopkins St., Berkeley.
Architect—Not Given. $4,000

ADDITION
(1320) 915 SPRUCE ST., BERKELEY. Additions.
Owner—Stella McGrath, premises.
Architect—Not Given.
Contractor—C. Flinn, 1137 E 14th St., Oakland. $2000

DWELLINGS
(1321) 3464-3470 PIERSON ST., OAKLAND. Two one-story six-room dwellings.
Owner and Builder—Grant O. Harde, 3063 Hopkins St., Oakland.
Architect—Not Given. $9,000

DWELLING
(1322) 5920 PINEWOOD ROAD OAKLAND. One-story 4-room dwelling and garage.
Owner—B. J. Kelly, 3896 Webster St., Oakland.
Architect—Not Given.
Contractor—L. E. Van Ness & Son, 4820 Park Blvd., Oakland.
Architect—Not Given. $4150

DWELLING
(1323) 1731 103rd AVE., OAKLAND. One-story 3-room dwelling.
Owner—H. L. Balsh, 1651 Fruitvale Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Griffith, 1537 7th Avenue. $1600

DWELLING
(1324) W WESTWOOD COURT Lot 21, Thornhill Park, OAKLAND. One-story 5-room dwelling.
Owner—E. R. De Chene, 364 14th St., Oakland.
Plans by Owner.
Contractor—Jas. L. Rich, 556 37th St., St., Oakland. $4000

DWELLING
(1325) 1926 104th AVE., OAKLAND. One-story 5-room dwelling and 1-story garage.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro. $2625

ADDITIONS
(1326) 1045 FOLGER, BERKELEY. Additions.
Owner—R Lyman, P. O. Box 851, San Jose.
Architect—Not Given.
Contractor—W. K. Owens, 3145 Pleitner Ave., Berkeley. $2,000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
98	Norton	Rahlmann	12950
99	Props	Owner	.....
100	Schulz	Casty	6210
101	Bank America	Quandt	1352
102	Battaglio	Truffelli	38600
103	Texas	Milton	9000
104	Roos	Emanuel	24340

STORE BLDG.
(98) N STOCKTON 78 W Pine W 42 x N 60 x E 42 x S 60. Class B store building.
Owner—Lewis M. Norton, Russ Bldg.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—H. E. Rahlmann Co., 251 Kearny St.
Filed Aug. 21, '36. Dated Aug. 5, '36.
On 1st of each month.....75%
Usual 35 days 25%
TOTAL COST, $12,950
Bond, $12,950.00. Sureties, Seaboard Surety Co. Limit, 90 days. Plans and Spec. filed.

APARTMENTS
(99) NE GOUGH and Sacramento. Class C apartment building.
Owner and Builder—Mr. and Mrs. W. Props, 1850 Gough St.
Filed and Dated, ...
Payments and Total Cost Not Given. Plans and Specifications filed.

DWELLING
(100) N BELGRAVE lots 37 and 38 Blk 6 Div I of Clarendon Hghts. Two-story and basement frame dwelling.
Owner—Mr. and Mrs. Alfred Schulz, 370 Upper Terrace.
Architect—Wm. I. Garren, 233 Post.
Contractor—John Casty & Son, 666 Mission Street.
Filed, Aug. 22, '36. Dated, Aug. 21, '36
Foundation and frame.....$1552.00
Brown coated 1552.00
Completed 1552.00
25 days after..... 1554.00
TOTAL COST, $6210.00
Bond, $3105. Sureties, J. A. Hart, Hugo Wagenknecht. Limit, 90 days. Plans and specifications filed.

ALTERATIONS
(101) NW COR. MARKET and Jones. Alter hotel.
Owner—Bank of America N.T.&S.A.
Architect—Not Given.
Contractor—A. Quandt and Sons, 374 Guerrero Street.
Filed, Aug. 22, '36. Dated ,Aug. 21, '36
1st and 15 th of each month.....75%
Usual 35 days.....25%
TOTAL COST, $1,352
Bond, $1352. Sureties, Indemnity Ins. Co. of North America. Spec. filed.

BUILDING
(102) NE GOUGH and Greenwich. Three-story and basement frame building.
Owner—Salvatore Battaglio.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—J. Truffelli, 1165 Clay St.
Filed, Aug. 22, '36. Dated, Aug. 4, '36
Steel up and concrete poured....$4000
Frame up 5650
Usual 35 days..... 9650
TOTAL COST, $38,600
Bond, $19,300. Sureties, J. N. Icardo and Giulio Moreschi. Limit, 120 days. Plans and Spec. filed.

SERVICE STATION
(103) W BUCHANAN 200 N North Point St. Service station.
Owner—Texas Co. (Niels and Ellen Schultz, lessor).
Architect—Not Given.
Contractor—W. B. Milton, 589 Haddon Road, Oakland.
Filed, Aug. 26, '36. Dated, June 24, '36.
Driveways and foundation.....25%
Bldg. delivered on job.....25%
Completion 25%
Usual 35 days.....25%
TOTAL COST, $9,000.00
Bond, $9000. Sureties, American Surety Co. Limit, 75 days.

FIXTURES, ETC
(104) PHELAN BLDG. Store fixtures and interior work in women's sports shop.
Owner—Roos Bros., premises.
Architect—William & Grimes, 251 Post Street.
Contractor—L. and E. Emanuel Co., 2665 Jones Street.
Filed, Aug. 26, '36. Dated, Aug. 14, '36.
Progress payments of.....50%
On Completion 25%
Usual 35 days.....25%
TOTAL COST, $24,340
Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER dwelling, $700; 271 Ripley St.; owner, B. L. Hocker, Prem.
ALTER dwelling, $60; 1246 43d Ave.; owner, A. Arcon, Prem.; contractor, S. F. Terrazzo Co., 3730 3d St.
GARAGE, private, $500; N 17th 60 E Schrader; owner, Salem Lutheran Home Assn., 4860-62½ 17th St.; contractor, John Munson, 2419 15th St.
ALTER office, $615; 5509 Geary St.; owner, Fourth Church of Christ, Scientist, 300 Funston Ave.; contractor, G. J. Elkington, 33 Sutro Heights Ave.
SIGN, $35; 22 Embarcadero; owner, T. F. Rush, Prem.; contractor, S. B. Daggett, 335 Van Ness Ave. So.
ALTER dwelling, $25; 1081-83 Noe St.; owner, P. A. Prieto, Prem.
FLUES, $125; E Montgomery 47 S Greenwich; owner, T. Borden, 110 Sutter; contractor, John J. Delucchi, 1526 Powell.
SIGN, cloth, $25; 1077 Market St.; owner, United Artists Theatre, Prem.; contractor, LAIB, 7th and Folsom.
GARAGE, private, $60; rear 45 Henry St.; owner, R. Lobenstein, Prem.
ALTER flat, $371; 1158 Filbert; owner, M. A. Goodyear, 2164 Hyde; contractor, G. J. Elkington, Jr., 33 Sutro Heights Ave.
ALTER dwelling, $475; 269 Liberty St.; owner, Mrs. E. Wilson, 126 South Park.
ALTER flats, $75; 3236-38 Broderick; owner, Gaston Martell, Prem.
ALTER dwelling, $450; 151 Howth; owner, A. Garibaldi, Prem.; contractor, John Oliva, 542 Vienna St.
ALTER dwelling, $500; SE Jackson and Arguello Blvd.; owner, Mrs. Starr Bruce, 3845 Jackson.
ALTER store, $200; 2910 Sloat Blvd.; owner, Jas. Gregory, Prem.; contractor, F. A. Soracco, 127 30th St.
SIGN, electric, altered, $20; SE Cor. Masonic and Geary; owner, Union Oil Co., 220 Bush St.; contractor, Paragon Electric Co., 68 Belcher.
ALTER dwelling, $250; 2540 Vallejo; owner, John C. Patricio, 2540 Vallejo; contractor, N. F. Nielsen, 666 Mission.
FLUES, $40; 1287 46th Ave.; owner, J. Siosso and Son, 600 Huron; contractor, Lincoln Way Metal Wks., 1841 Lincoln Way.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Construction Postponed Indefinitely
ALTERATIONS Cost, $7,000
SAN FRANCISCO. Mason and Filbert Streets.
Alterations to flats for apartments (6 3-room apts.) plumbing, wiring, plastering, flooring, etc.
Owner—J. Cresci.
Architect—D. E. Jackle, 126 Post St

PLANS COMPLETE

LOS ANGELES, Calif. — Architect John M. Cooper, 6241 W. Sixth St., has prepared plans for adding to and completing a class A apartment building at 410 N. Rossmore Ave. for Rossmore-Beverly, Inc., 405 S. Arden Blvd. Construction work may be handled by the owner on a segregated contract basis. The building, a reinforced concrete structure, 135x140 ft., was started eight or nine years ago by Harry Feigenbaum and was poured up to the fifth floor level. Three more stories will be added, making it eight stories instead of thirteen, as originally proposed. Completion of the building, estimated to cost $325,000, will include the installation of all interior finish, tile work, two elevators, electric refrigeration, steel sash, incinerator, steam heat, etc.

Contract Awarded
APARTMENTS Cost, $24,075
SAN LEANDRO. Alameda Co., Calif. NW Dutton Ave. and Kenilworth Street.
Two-story frame and stucco court apartments
Owner—C. J. Deutsch.
Architect Bruce Barnard.
Contractor — Waldo E. Bethel, 1338 67th St., Oakland.

Contract Awarded
APARTMENTS Cost, $16,000
OAKLAND, Alameda Co., Calif. 2527 Eighth Avenue.
Two-story frame and stucco apartment building (16 rooms).
Owner—E. Wadswith, 2247 Havenscourt Blvd., Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—R. E. Bartlett, 246 Trinity Ave., Berkeley.

Contract Awarded
APARTMENTS Cost $15000
OAKLAND, Alameda Co., Calif. 2030 Eighth Ave.
Two-story frame and stucco apartments (16 rooms).
Owner—D. Rothman, 1138 Bella Vista Ave., Oakland.
Architect—Not Given.
Contractor — Chas. Ungaretti & Son, 1727 Foothill Blvd., Oakland.

Segregated Bids Being Taken
ALTERATIONS Cost, $.....
SACRAMENTO. Calif. Eleventh and N Streets.
Alterations to additions to apartment building (39 apartments), painting, decorating, plastering, mill work, etc.
Owner—Allied Properties (N. L. Light, 439 S. Hill St., Los Angeles, in charge).
Architect—Not Given.
Segregated bids are being received by Mr. Light in Los Angeles.

Contract Awarded
APARTMENTS Cost, $7,000
BAYWOOD PARK, San Mateo Co., Calif.
Two-story frame and stucco apartment (four 2-room apartments).
Owner—Louis Sausset.
Architect—Not Given.
Contractor—Harry Kime, 118 12th St., San Mateo.

Contract Awarded
APARTMENTS Cost. $30,000
SALINAS, Monterey Co., Calif. Winham and South Main Sts.
Two-story reinforced concrete apartment building (seven 2- and 3-room apartments), tile roof, etc. (3 stores on ground floor).
Owner—Mrs. Sarah J. Klett.
Architect—Chas. Butner, 51 Maple St., Salinas.
Contractor—Sam Trondhjem, 41 Geil St., Salinas.

Plans Being Figured—Bids Close Sept. 8, 12 Noon
STORE & APTS. Cost, $12,500
SAN FRANCISCO, Calif. West Portal Avenue.
Two-story frame and stucco store and apartment building (one 6-room apartment and two stores), asbestos shingle and composition roofing, steel and wood sash, gas heating system, etc.
Owner—J. & P. Pinto.
Architect—Harold Stoner, 41 Sutter Street.

Planned
APARTMENTS Cost, $20,000
SAN FRANCISCO, Calif. S. Union St., E Calhoun.
Three-story and basement frame and stucco apartment building.
Owner—W. Hoeffler, 22 Alta St.
Architect—Not Given.

To Be Done By Day's Work
APARTMENTS Cost, $20,000
SAN FRANCISCO, Calif. SW Casa Way, S Marina Blvd.
Three-story and basement frame and stucco apartment building.
Owner and Builder—Robinson & Johnston, 180 Oak St.
Architect—R. R. Irvine, 2048 Market Street.

3— CHURCHES

Plans Being Figured
ALTER CHURCH Cost, $3,000
SAN MATEO CO., Calif. North of Burlingame.
Alterations to church (Sunday School room, toilet facilities, etc.).
Owner—Millbrae Methodist Episcopal Church.
Architect—George Patton Simonds, 80 Main St., Hayward.

Planned
CHURCH Cost, $35,000
GRASS VALLEY, Nevada Co., Calif. New church and parsonage.
Owner—Methodist Church (Dr. H. K. Hamilton, Dist. Supt.)
Architect—Not Selected.
Following were named on the building committee:
M. Henry Argall, chairman; H. J. Nile, A. E. Abrahams, D. D. Manross, Mrs. William Edwards, Philip Oates, Charles Goudge.

4— FACTORIES & WAREHOUSES

Preliminary Estimates Being Taken
ALTERATIONS Cost, $10,000
SAN FRANCISCO, Calif. 75 Folsom Street.
Alterations to metal plant.
Owner—Federated Metals Corp. 201 First Street.
Engineer—Victor B. Seidel, 500 Howard Street.

Contract Awarded
ALTS. & ADDS. Cost, $20,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Alterations and additions to administration building (new front, roofing, office facilities), new paint shop, concrete and corrugated iron construction, wood roof construction, tar and gravel roofing, plumbing, electrical work, sheet metal, plastering, structural steel, etc.
Owner—Stearman Hammond Aircraft Corporation.
Engineer—Alfred P. Fisher, 111 Sutter St., San Francisco.
Contractor—Alfred P. Fisher, 111 Sutter St., San Francisco.
Sub contracts will be awarded shortly.

Planned
CREAMERY Cost, $20,000
MARYSVILLE, Yuba Co., Calif. 9th and F Streets.
New modern creamery plant.
Owner—Twin Cities Creamery Company (Arnold Bean, proprietor).
Architect—Not Given.

Sub-Contracts Awarded
ADDITION
OAKLAND, Alameda Co., Calif. E 14th St. and 105th Ave.
Second story addition to automobile assembly plant (reinf. concrete and brick construction) automatic sprinkler system, wiring, steel sash, gunite, etc.
Owner—Chevrolet Motor Company.
Structural Engineer — R. H. Cooley, 354 Hobart St., Oakland.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.
Gunite—Ed. Anderson, 998 Gilman St. San Francisco.
Glass and Glazing—W. P. Fuller and Co., 301 Mission St., San Francisco
Metal Partitions—Price Bldg. Specialties Co., 35 Stillman St. S. F.
Painting—J. H. Mohr, Inc., 433 11th St., San Francisco.

Structural Steel Contract Awarded
ALTERATIONS Cost, $——
STEGE, Contra Costa Co., Calif.
Alterations to chemical plant.
Owner—Stauffer Chemical Company.
Engineer—K. Thelll, 580 Market St., San Francisco.
Structural Steel—Moore Drydock Co., foot of Adeline St., Oakland.

Sub Contracts Awarded
WAREHOUSE Cost, $20,000
SAN FRANCISCO, Calif., SE Francisco and Kearny Streets.
One-story Class C warehouse.
Owner—Fibreboard Products Co., Inc., Montgomery and Francisco Sts.
Architect—Not Given.

Contractor — Lindgren & Swinerton, Inc., 225 Bush St.
Roofing—Alta Roofing Co., 976 Indiana Street.
Plumbing—Higgins & Kraus, 741 Tehama St.
Electric—Central Electric Co., 179 Minna St.
Rein. Steel—Fibreboard Products Co.
Excavation—Devincenzi & Co., 148 Blake St.
Painting—Raphael Company, 270 Tehama St.
Glass—W. P. Fuller & Co., 301 Mission Street.
Sheet Metal—Morrison & Co., 74 Duboce Ave.

Sub-Contracts Awarded
ALTERATIONS Cost, $20,000
SOUTH SAN FRANCISCO, San Mateo County, Calif.
Alterations and additions to administration building (new front, roofing, office facilities), new paint shop, concrete and corrugated iron construction, wood roof construction, tar and gravel roofing, plumbing, electrical work, sheet metal, plastering, structural steel, etc.
Owner—Stearman Hammond Aircraft Corporation.
Engineer—Alfred P. Fisher, 111 Sutter St., San Francisco.
Contractor—Alfred P. Fisher, 111 Sutter St., San Francisco.
Electric—Atlas Electric Co., 956 Folsom St., San Francisco.
Plumbing—Wm. J. Monihan, 1552 Fulton St., San Francisco.
Heating—Empire Heating Co., 2707 Geary Blvd., San Francisco.

BIDS OPENED
DAIRY PLANT Cost, $100,000
CAMARILLO, Ventura Co. Cal. State Hospital.
Dairy plant (comprising six buildings), reinforced concrete construction, corrugated iron, wood and plaster, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Low bids follow:
General Work—Los Angeles Contracting Co., 4816 W. Pico Blvd., Los Angeles, $117,000.
Plumbing & Heating—Scott Co., 243 Minna St., San Francisco, $22,827.
Electric—Moore Electric Co., 321 West 3d St., Los Angeles, $3,626.
Refrigeration—A-1 Ice Machine Co., 4500 W. Washington Blvd., Los Angeles, $4,080.80.
Complete bids follow:
General Work
Los Angeles Contracting Co., Los Angeles—$117,000.
R. E. Campbell, Los Angeles—$125,740.
Plumbing & Heating
Scott Co., San Francisco—$22,827.
J. A. Fazio, Oakland—$22,998.
Electric
Moore Electric Co., Los Angeles—$3,626.
Seaside Electric Co., Ventura—$3,960.
Newbery Electric Co., Los Angeles—$4,179.
Coast Electric Co., Long Beach—$4,600
Refrigeration
A-1 Ice Machine Co., Los Angeles—$4,080.80.
Kohlenberger Engineering Corp., Fullerton—$4,736.85.
York Ice Machine Co., Los Angeles—$6,189.00.
Bids held under advisement.

BIDS OPENED
NAPA CO., Calif.—Robert McCarthy, 1363 14th Ave., San Francisco, at $10,812, submitted low bid to District Engineer, Division of Highways, State Bldg., San Francisco, for the construction of maintenance station buildings and appurtenances one-half mile north of Napa.
Total bids follow:
(1) Robert McCarthy, S. F.....$10,812
(2) C. G. Langum, Napa..... 10,889
(3) Empire Cons. Co., S. F..... 11,777
(4) John E. Branagh, Piedmont 12,489
(5) Central Cal. Cons. Co., S.F... 12,748
(6) Fred J. Early, Jr., S.F..... 14,067
Complete bids follow:
(a) Supt. cottage;
(b) Comb. office and storehouse;
(c) Garage and woodshed;
(d) Blacksmith shop;
(e) Loading platform;
(f) Septic tank and leaching field;
(g) Double-face station and sign;
(h) Yard trellis panels;
(i) Excavation, add. or ded. per c.y.;
(j) Portland cement concrete, add or ded. per cu. yd..

	(1)	(2)	(3)	(4)	(5)	(6)
(a)	6300	6235	6882	6560	7200	7870
(b)	2500	2228	2400	2372	2340	2717
(c)	1000	861	890	1391	1070	1220
(d)	200	553	600	696	712	655
(e)	335	483	390	653	500	800
(f)	200	210	400	560	566	495
(g)	25	130	80	86	180	85
(h)	252	189	135	171	180	225
(i)	2.50	2.00	1.25	1.00	1.50	1.00
(j)	.28	14.00	14.00	15.00	16.00	14.00

Bids held under advisement.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO, Calif. 663 Howard Street.
Alterations to factory.
Owner—Bothin Real Estate Co., 212 Clara Street.
Architect—Angus McSweeney, 604 Mission Street.
Contractor—A. F. Mattock, 212 Clara Street.

Bids Wanted—To Close Sept. 15, 5:00 P. M.
REFINERY Cost, $2,000,000
YOLO COUNTY, Calif. Two and one-half miles northeast of Woodland.
New sugar refinery (two- and three-story reinf. concrete sugar refinery (320x85 feet), 2-story reinforced concrete office building (96x61 ft.) conc. wood-lined bins equip. with air-circulating system; two warehouses (30x135 ft.), reinforced concrete foundation, corrugated iron walls, ventilators, power plant.
Owner—Spreckels Sugar Company (C. J. Moroney, Mgr.), 2 Pine Street, San Francisco.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Engineering plans by Owner.
Bids are being received on a general contract for the main building, office building and sugar silos. (Lump sum bid.) As previously reported.
Shops—Villadsen Bros., 354 Hobart St., Oakland.
J. R. Reeves, Sacramento, awarded contract for road work, and warehouse contracts awarded to J. G. Motroni, Woodland.

5— FLATS

Contract Awarded
FLATS Cost, $10,000
OAKLAND, Calif. 614-16 Brooklyn Avenue.
Two-story frame and stucco flats (two 5-room flats).
Owner—Mr. E. J. Fisher, 972 Grosvenor Place, Oakland.
Architect—Not Given.
Contractor — Reliable Homes, Inc., 3500 35th Ave., Oakland.

6—GARAGES & SERVICE STATIONS

Contracts Awarded
SERVICE STATION Cost, $7,500
SAN FRANCISCO. NW Polk and McAllister Streets.
Steel service station.
Owner—Standard Oil Co., 225 Bush.
Plans by Engineering Dept. of Owner.
Contractor—Grant - Martinelli Const. Co., 44 Mary St.
Piping and Plumbing — W. P. Goss, 4640 Geary St.

Plans Completed
SERVICE STATION Cost, $7,500
SAN FRANCISCO, Calif. NW Polk & McAllister St.
Steel service station.
Owner—Standard Oil Company, 225 Bush St.
Architect—Plans by Engineering Department of Owner.

CONTRACT AWARDED
YERBA BUENA ISLAND, Cal.—A. H. Vogt, 250 11th St., San Francisco, at $14,633 awarded contract by State Department of Public Works for the construction of a reinforced concrete garage, 30x55 ft., to be erected at the east portal of the Yerba Buena Tunnel on the north side of the bridge at the level of the lower deck.

Contract Awarded
SERVICE STATION Cost, $——
ROSEVILLE, Placer Co., Cal. Vernon and Judah Streets.
New service station.
Owner—Richfield Oil Company.
Plans by Engineering Dept. of Owner.
Contractor—Carl P. Smith, 2524 Y St., Sacramento.

Contract Awarded
GARAGE Cost, $5000
MERCED, Merced Co., Calif. Sixteenth and J Streets.
One-story reinforced concrete garage (stucco exterior).
Owner—Freeman & Love Co., Modesto
Architect—Not Given.
Contractor—Paul McComb, 648 19th St., Merced.

Contract Awarded
SERVICE STATION Cost, $2500
SAN FRANCISCO. SW 24th and Vermont Streets.
One-story steel service station.
Owner—Henry Gianotti.
Engineer—J. McFarland, 710 47th Ave.
Contractor—H. T. Gettins Co., 268 13th Street.

Contract Awarded
SERVICE STATION Cost, $9,000
SAN FRANCISCO, Calif. W. Buchanan, N North Point St.
Steel service station.
Owner—Niels & Ellen Schultz.
Lessee—Texas Company.
Plans by Eng. Dept. of Lessee.
Contractor — W. Bryan Milton, 589 Haddon Road, Oakland.

Plans Completed
SERVICE STATION Cost, $8,000
SAN FRANCISCO, Calif. NW O'Farrell and Larkin Sts.
One-story steel service station.
Owner—Standard Oil Co., 225 Bush St.
Plans by Eng. Dept. of Owner.

7— FEDERAL BUILDINGS

BIDS WANTED
YUMA, Ariz.—Until September 10, 2 p.m., bids will be received by U. S. Bureau of Reclamation, Denver, for furnishing and delivering f.o.b. cars shipping point or Yuma, Ariz., at the option of the bidder, six aluminum rolling doors for gate control houses, Imperial Dam. Materials will be installed by the government. Specifications may be obtained from the Bureau in Denver; no deposit required.

BIDS WANTED
LOS ANGELES, Cal.—Until Sept. 15, 1 P. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing an elevator plant in the U.

S. post office and court house at Los Angeles.

Plans and specifications may be obtained from above office. No deposit required for one set.

BIDS WANTED

LOS ANGELES, Cal.—Until Sept. 15, 1 P. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing complete escalator plant in the U. S. post office and court house at Los Angeles.

Plans and specifications may be obtained from above office. No deposit required for one set.

Bids Wanted—To Close Sept. 29th, ... 1 P. M.

POST OFFICE Cost, $410,000
SAN DIEGO, Cal. Ninth Avenue and E Street.
Two - story and basement reinforced concrete post office building (190x 190-ft.) modified classic design.
Owner—United States Government.
Architect — Wm. Templeton Johnson, 1500 San Diego Trust & Savings Bank Bldg., San Diego.

Plans and specifications may be obtained from the Procurement Division Washington, D. C. No deposit required.

BIDS WANTED

SAN PEDRO, Los Angeles Co., Cal. —Until September 11, 10 a.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for directional signs in the U. S. Post Office and Custom House at San Pedro.

Plans and specifications may be obtained from above office and from the Custodian of the Building, San Pedro.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Louis C. Dunn, Monadnock Building, at $26,580, awarded contract by Treasury Department, Washington, D. C., for miscellaneous repairs and alterations to Appellate Court Quarters, Third Floor, U. S. PostOffice and Courthouse, San Francisco.

Complete bids published Aug. 15th.

Plans Being Completed

POST OFFICE Cost, $215,000
PASADENA, Los Angeles Co., Calif.
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Department, Washington, D.C.

Plans Being Completed

POST OFFICE Cost, $84,000
MESA, Arizona.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Department, Washington, D.C.

Revised Plans Being Prepared

POSTAL STATION Cost, $650,000
SPOKANE, Washington.
U. S. Postal Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

On previous bid opening lowest bid was submitted by A. D. Belanger, Seattle, at $644,888. New bids will be asked shortly.

Plans Being Completed

POST OFFICE, SUBSTA. $135,000
SEATTLE, Wash. SE University Way nd 43d St.
U. S. Post Office (University Station).
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Revised Plans Being Completed

P.O. & AGRI. BLDG. Cost, $75,000
LOVELOCK, Nevada.
U. S. Post Office and Agricultural building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

On previous bid opening lowest bid was submitted by R. E. Campbell, Los Angeles, at $79,400. New bids will be asked shortly.

Plans Being Completed

POST OFFICE Cost, $88,000
ANACORTES, Washington.
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans Being Completed

P.O. & COURTHOUSE Cost, $230,000
HILO, Hawaii.
U. S. Post Office and Courthouse.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans Being Completed

QUAR. STATION Cost, $150,000
HONOLULU, T. H.
U. S. Quarantine Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Bid Opening Postponed Until Sept. 4th, 1 P. M.

POST OFFICE Cost, $65,000
VACAVILLE, Solano Co .,Calif.
U. S. post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Date was previously set for Aug. 27.

Plans and specifications may be obtained from above office.

Low Bidders

POST OFFICE Cost, $75,000
AUBURN, Placer County, Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—Wickes Engineering & Construction Co., Des Moines, Iowa —$69,950.

Second low bid was submitted by Schuler & McDonald, Oakland, at $70,000.

Complete bids will be published shortly.

The Wickes Engineering & Construction Company have the contract for the Selma Post Office at $58,150.

Bids Wanted—To Close Oct. 2, 1 P. M.

POST OFFICE Cost, $80,000
SOUTH GATE, Los Angeles Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Department, Washington, D.C.

Plans and specifications may be obtained from above office. No deposit required for one set.

BIDS WANTED

PHOENIX, Ariz.—Until September 21, 10 a.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for a clock system at the U. S. Post Office at Phoenix, Ariz.

Specifications may be obtained from above office.

Bid Opening Postponed Until Sept. 29, 1 P. M.

POST OFFICE AND COURTHOUSE Cost, $6,250,000
LOS ANGELES, Cal. Spring, Temple and Main Streets.
Sixteen - story U. S. post office and courthouse building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Consulting Architect—Gilbert Stanley Underwood, 408 South Spring St., Los Angeles.

Date was previously set for Sept. 15. It will cover a ground area of approximately 140,000 square feet and will be a steel frame structure faced with granite. The appropriation is $6,250,000. The site has frontage of 525 feet on Spring and Main Streets, and a frontage of 300 feet on Temple St. It is understood that the contract for the new building will include the demolition of the existing post office. The wrecking of several smaller structures on the site is now under way.

BIDS OPENED

PORTLAND, Ore.—Public Building Contractors, Bronx, New York, at $2,-144, submitted low bid to Treasury Department, Washington, D. C., for furnishing and installing detention cells in the U. S. Court House at Portland. Other bids were:

George Isackson Co., Portland, Ore.—$2,266.
Wegman & Son, Portland, Ore.—$2,287

Bids held under advisement.

8— CLUB BUILDING

Roofing Contract Awarded

ALTERATIONS Cost, $100,000
BERKELEY, Alameda Co. Campus of the University of California.
Structural changes and miscellaneous work at Stephens Union.
Owner—University of California.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Structural Engineer—H. J. Brunnier, Sharon Bldg., and W. L. Huber, 1 Montgomery St., San Francisco.
Mgr. of Const.—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.
Roofing—J. W. Bender Roofing Co., 1999 Bryant St., San Francisco.

Plans Being Figured

REMODELING Cost, $10,000
NAPA, Napa Co., Cal. 920 Brown St.
Remodeling first floor exterior, stores and offices; interior remodeling on second floor, move stairway, new buffet and kitchen, interior decorating, etc.
Owner—Elks Lodge.
Plans prepared by C. Leroy Hunt, 989 Second Street, Napa.

9— HOSPITALS

Contract Awarded

ALTERATIONS Cost, $4,000
SAN FRANCISCO, Calif. Geary St., between Fifth and Sixth Aves.
Alterations to elevator shaft in hospital premises.
Owner—French Hospital, Premises.
Architect—Fabre and Hildebrand, 110 Sutter St.
Structural Engineer—F. W. Kellberg, 320 Market St.
Contractor—G. P. W. Jensen, 320 Market Street.

Plans Being Completed

DETENTION HOME Cost, $25,000
NAPA, Napa Co., Calif.
One-story frame and stucco detention home (140x32 ft.), to accommodate 16; lavatories, kitchens, offices, etc.
Owner—County of Napa.
Architect — George Sellon, California State Life Bldg., Sacramento.

Plans will be submitted to the County Board of Supervisors for approval on September 8th.

CONTRACT AWARDED

SAN FRANCISCO.—California Steel Products Co., 490 Bay St., at $379.00 awarded contract by the Constructing Quartermaster, Fort Mason, for repairs to steam drums on four boilers in power house at Letterman General Hospital.

BIDS WANTED

ATWATER, Merced Co., Calif.—Until September 5, 11 a.m., bids will be received by A. T. Rector, City Clerk,

for furnishing and installing of all equipment for the Hospital and Nurses' Cottage located on the NW corner of Grove Ave. and Third St., Atwater.

Plans prepared by W. E. Bedesen, City Engineer, Merced.

Plans and specifications may be obtained from the Architect, A. O. Johnson, Sir Francis Drake Hotel, San Francisco, and from W. E. Bedesen, City Engineer, Merced.

Sub Contracts Awarded
ADDITION Cont. Price, $16,775
MONTEREY, Monterey Co., Calif.
One-story frame and stucco indigents barracks and help's quarters at Monterey County Hospital (to accommodate 24 indigents and 6 employees).
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St., Salinas.
Contractor — P. T. Wallstrum, Watsonville.
Roofing—Monterey Co. Tile & Roofing Co., Salinas.
Plumbing—Anderson Hargis Dougherty Co., Salinas.
Electric Wiring—Rodeo Electric Co., Salinas.
Heating & Sheet Metal — Anderson Hargis Dougherty Co., Salinas.
Tile Work—Mel Bowers, Salinas.
Iron Grille Work—Engfer Iron Works, San Jose.
Lathing & Plastering—Louis Jorgensen, Salinas.
Lumber—Hayward Lumber Co., Salinas.
Mill Work & Glass—Electric Planing Mill, Stockton.
Painting—Felix Segart, Salinas.
Rein. Steel—San Jose Steel Placing Co., San Jose.

SUB-CONTRACTS AWARDED
LIVERMORE, Alameda Co., Calif.—George Swanstrom, 1615 78th Avenue, Oakland, awarded the following subcontracts for the alterations to Bldg. No. 46, at the Veterans' Administration Facility, Livermore. Cost, $10,-235.
Roofing—Livermore Roofing Co.
Plumbing—Scott Co., Oakland.
Heating—I. Bell, Oakland.
Iron Grills Work — Frauneder Ornamental Iron Works, Oakland.
Brick Work—H. Peterson, Livermore.
Lumber—Diamond Match Co., Livermore.
Reinforcing Steel—McGrath Steel Co., Oakland.
Hardware — Builders Hardware Co., Oakland.
Concrete—Triberti & Massaro, Oakland.

Bids Wanted—To Close Sept. 10, 11 A. M.
ADDITION Cost, $60,000
WEIMAR, Placer County, Calif.
Addition to tubercular sanatorium (frame and stucco construction).
Owner—Weimar Joint Sanatorium.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $15.00.

10— HOTELS

CONTRACT AWARDED
SAN FRANCISCO—A. Quandt and Sons, 374 Guerrero Street, at $1,352 awarded contract by Bank of America for painting hotel located on the northwest corner of Market and Jones Streets.

Planned
ALTER HOTEL Cost, $50,000
STOCKTON, San Joaquin Co., Calif. Sutter and Market Streets.
Alterations to Clark Hotel.
Owner—Louis & Joseph Rossi, Clark Hotel, Stockton.
Architect—Not selected.
Further details will be announced in about thirty days.

11—ICE & COLD STORAGE PLANTS

Cork Insulation Contract Awarded
RECONSTRUCTION Cost, $.....
DIXON, Solano Co., Calif.
Reconstruction of abbatoir cooler (cold storage room), steel frame and concrete construction, metal sash hanger rail system, electric elevator, etc.
Owner—. Bruce Mace, Dixon.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.
Cork Insulation—Van Fleet Freear Co., 557 Howard St.
Other portions of the work will be awarded at a later date.
(9602) 1st report May 13, 1936. * 11

12— POWER PLANTS

BID OPENING POSTPONED
SAN FRANCISCO.—Until October 8 10 A. M. (date postponed from August 28) bids will be received by the Constructing Quartermaster, Fort Mason, for furnishing and installing feed water heater in Power House at the Letterman General Hospital, San Francisco.
Plans and specifications may be obtained from above office. *

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Preparing Plans
JAIL Cost, $25,000
BURLINGAME, San Mateo Co., Calif. Burlingame Ave., near Park St.
One-story reinforced concrete jail building.
Owner—City of Burlingame.
Architect—James H. Mitchell, 369 Pine St., San Francisco.
Application will probably be filed with the PWA for a loan and grant.

Contract Awarded
RESIDENCE Cost, $20,000
BAKERSFIELD, Kern Co., Cal. 22nd and Pine Streets.
Two-story frame and stucco residence (12 rooms).
Owner—Malcolm Brook, 2201 Cedar St. Bakersfield.
Architect—Clarence Cullimore, 101 Oleander St., Bakersfield.

Bids Wanted—To Close Sept. 21, 8 P. M.
FIREHOUSE Cost, $22,000
COALINGA, Fresno Co., Calif.
Two-story firehouse.
Owner—City of Coalinga.
Architect—Fred L. Swartz, Brix Bldg., Fresno.
Plans and specifications may be obtained from the architect.

14— RESIDENCES

Preparing Preliminary Plans
RESIDENCES Cost, $——
SAN FRANCISCO Broadway, Divisadero, Vallejo and Scott Streets.
Thirty 2-story and basement frame and stucco residences (9 rooms, 3 baths each) asbestos shingle and Mediterranean tile roofs, gas heating systems, hardwood floors, tile baths, etc.
Owner—Sbarboro and Jorgensen, 207 Walnut Street.
Architect—John H Ahnden, 822 39th Avenue *

To Ask Bids Within Few Days
RESIDENCE Cost, $.....
BERKELEY, Alameda Co., Calif. No. Cragmont.
One-story and basement frame and stucco residence (5 rooms, bath and separate lavatory), tile bath, shingle roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Fred Burness.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
PALO ALTO, Santa Clara Co., Calif. 2464 Tasso Street.
One-story and basement frame and stucco residence.
Owner and Builder—J. W. Cabbage, 735 Webster St., Palo Alto.
Architect—Not Given.

Construction Started
RESIDENCE Cost, $7,500
BURLINGAME HILLS, San Mateo County.
Two-story frame and stucco residence (6 rooms, 2 baths), shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Wm. H. Goodrich.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—H. T. Holsher, 3125 Elm Street, San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Calif. 340 Oregon Ave.
One-story and basement frame and stucco residence.
Owner and Builder—A. J. Wilbe.
Architect—Not Given.

Contract Awarded
ADDITION Cost, $4,000
PALO ALTO, Santa Clara Co., Calif. 4228 Maple Street.
Addition to residence.
Owner—Mrs. G. D. Adams, Sacramento.
Architect—Not Given.
Contractor—A. E. Orton, 938 Addison Ave., Palo Alto.

Planned
RESIDENCES Cost, $8,000 ea.
EL CERRITO, Contra Costa Co., Calif. Berkeley Country Club Terrace.
Group of 23 residences (brick construction).
Owner—Name Withheld.
Architect—Not Given.
Agent—Raymond & Schaffer, 854 San Pablo Ave., Berkeley.
Further details will be announced in about one week.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 1429 Acton Street.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—E. King, 1420 Hopkins St., Berkeley.
Architect—Not Given. 14

Sub Contracts Awarded
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (8 rooms and 3 baths).
Owner—A. T. Evans.
Architect — Chester Treichel, 696 Cleveland St., Oakland.
Contractor—Henry Voelker, 805 Winchester Ave., Burlingame.
Roofing—Crowley Roofing Co., 108 California Drive., Burlingame.
Plumbing — Peninsula Gas Appliance Co., San Bruno.
Electric Wiring—Medley Electric Co., 1163 Broadway, Burlingame.
Heating & Sheet Metal—E. Sterger, 45 B St., San Mateo.
Tile Work—Benetti Tile Co., 916 N. Humboldt St., San Mateo.

Iron Grille Work—San Mateo Forge, 500 Third St., San Mateo.
Brick Work—G. Bragato, 363 N. Eldorado St., San Mateo.
Lathing & Plastering — Ward Bros., Burlingame.
Lumber — San Mateo Planing Mill, Claremont & 5th Ave., San Mateo.
Steel Sash—Pyramid Metal Weatherstrip Co., 820 Morrell Ave., Burlingame.
Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia, Oakland.
Painting—Chas. C. Curtiss, 227 Chester Ave., San Mateo.
Concrete—G. Bragato, 363 N. Eldorado St., San Mateo.
Flooring—Herman Larson, 512 S. Delaware St., San Mateo.

Contract Awarded
RESIDENCE Cost, $10,000
STOCKTON, San Joaquin Co., Calif. 949 So. Country Club Blvd.
Two-story and basement frame and stucco residence.
Owner—J. L. Lewallen.
Architect—Not Given.
ontractor—C. I. Carlson, 807 N. Madison St., Stockton.

Contract Awarded
RESIDENCE Cost, $6,000
SACRAMENTO, Calif. 5547 J Street.
Two-story frame and stucco residence.
Owner—A. Puccinelli, 1111 33d St., Sacramento.
Architect—Not Given.
Contractor—J. A. Saunders, 1045 45th St., Sacramento.

Plans Being Figured
RESIDENCE Cost, $——
SAN FRANCISCO.
Two - story and basement frame and stucco residence (8 rooms).
Owner—Mr. Taylor.
Architect—M. J. Rist, Phelan Bldg.
G. P. W. Jensen, 320 Market St., and Sherwood Bldg. Co., 39 Sutter St., are among the contractors figuring the plans. •

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 2700 Pierce St.
Alterations to residence.
Owner—Ettore Patrizi, premises.
Architect — L. Mastropasqua, 580 Washington Street.
Contractor—J. Truffelli, 1165 Clay St.

August 27, 1936.
To Be Done By Day's Work.
RESIDENCES Cost each, $4,000
SAN FRANCISCO. N Revere W Keith
Two one - story and basement frame and stucco residences.
Owner and Builder—Arturo Barsotti, 1499 Quesada.
Architect—Not Given. 14

August 27, 1936.
Contract Awarded
RESIDENCE Cont. Price, $11,400
SAN FRANCISCO. Monterey Heights.
Two-story and basement frame and stucco residence (8 rooms and 3 baths), tile roof, gas heating system, wood sash, tile baths, hardwood floors, etc.
Owner—J. C. Neubauer.
Architect—Harold Stoner, 41 Sutter St., San Francisco.
Contractor—J. Prout, 2530 Fillmore St.
(9745) 1st report May 28, 1936; 3rd report July 22, 1936. • 14

Contract Awarded
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO. W 30th Avenue S Vicente Street.
Two one - story and basement frame and stucco residences.
Owner—Henry Horn, 170 Upland Dr.
Architect—D. E. Jaekle, 126 Post St.
Contractor—Morris & Debret, 95 Pinehurst Way.

Plans Being Figured
RESIDENCE Cost, $——
SACRAMENTO, Sacramento Co, Cal.
Two-story frame and stucco residence.
Owner—Jerome K. Dolan.
Architect—Not Given.
Moore and Roberts, 693 Mission St., San Francisco, are the only contractors figuring the plans and desire subbids on all portions of the work.

Plans Being Figured—Bids Close Aug. 31st
RESIDENCE Cost, $11,000
SALINAS, Monterey Co., Calif.
One-story and basement frame and stucco residence (9 rooms, 2 baths, 2 separate lavatories), tile roof, oil heating system, hardwood floors, etc.
Owner—E. Pedrazzi.
Architect—Chas. Butner, 51 Maple St., Salinas.

Plans Being Figured
RESIDENCE Cost, $.....
MILL VALLEY, Marin Co., Calif.
One-story frame and stucco residence (5 rooms).
Owner—S. G. Bagshaw.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Hannah Wooldridge, 268 Market St., San Francisco, are figuring the plans and desire sub bids on all portions of the work.

Plans Being Completed
RESIDENCE Cost, $10,000
CARMEL, Monterey Co., Calif.
Two-story and basement frame and stucco residence (8 rms., 3 baths), shingle roof, probably gas heating system, steel and wood sash, tile baths, tile in kitchen, etc.
Owner—Name withheld.
Architect—E. E. Young, 2002 California St., San Francisco.
Bids will be asked in about two weeks.

Contract Awarded
RESIDENCE Cost $4200
WOODSIDE ACRES San Mateo Co.
One-story frame and stucco bungalow (five rooms).
Owner—Theodore Rivlglio.
Architect—Not Given.
Contractor—John Meconi, 615 Myrtle St., Redwood City. 14

August 20, 1936
Construction Postponed Indefinitely.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal Hilldale Avenue.
Two-story frame and rustic residence (6 rooms and 2 baths) shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Lloyd Bradley.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.

Plans Being Revised
RESIDENCE Cost, $4,000
LOS ALTOS, Santa Clara Co., Calif.
One-story frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, tile floors in baths, tile drainboards, etc.
Owner—C. McGill, Olympic Hotel, San Francisco.
Architect—D. E. Jaekle, 126 Post St. San Francisco.

Sub-Bids Being Taken
RESIDENCE Cost, $12,500
ROSS, Marin County, Calif.
Two - story and basement frame and stucco residence (10 rooms and 4 baths) shake roof, gas heating system, wood sash, colored tile baths, hardwood floors, etc.
Owner and Builder—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jaekle, 126 Post St. San Francisco.

Contract Awarded
ALTERATIONS Cont. Price, $14,400
ATHERTON, San Mateo Co., Calif.
Alterations to residence (brick veneer, oak floors, gas heating system, shake roof, add four baths, etc.)
Owner—A. M. Rosenstirn, Mills Bldg., San Francisco.
Architect — Gardner A. Dailey, 210 Post St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.

Plans Being Completed
COTTAGE Cost, $2,500
ORINDA, Contra Costa Co., Calif.
One-story rustic week-end cottage (3 rooms), shake roof, wood sash, etc.
Owner—Mr. Chick.
Architect — B. Reede Hardman, 2068 Allston, Berkeley.

Plans Being Completed
RESIDENCE Cost, $.....
PIEDMONT, Alameda Co., Calif.
Two-story and basement frame and stucco residence (12 rooms, 3 baths), tile roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Mr. Marquis.
Architect—Earl MacDonald, 3812 Broadway, Oakland.
Contractor—Reliable Homes, Inc., % Architect.
Construction will be started in about one week.

Contract Awarded
RESIDENCE Cont. Price, $7,415
NILES, Alameda Co., Calif.
One-story wood frame residence (six rooms), Colonial style, wood siding, shingle roofing, oil burning heating system, wood sash, etc.
Owner—Wallace Ebright.
Architect — Higgins & Root (Chester Root, architect), Security Building, San Jose.
Contractor—M. White, Centerville.

Contract Awarded
RESIDENCE Cont. Price, $4,493
HAYWARD, Alameda Co., Calif.
One-story brick residence (4 rooms).
Owner—Name withheld.
Architect—George Simonds, 80 Main St., Hayward.
Contractor—H. S. Shain, 54 Arlette Ave., Hayward.

Low Bidder
RESIDENCE Cost, $.....
OAKLAND, Alameda Co., Calif. Clarefont Pines.
Two-story frame and stucco residence (8 rooms, 3 baths), 2-car garage.
Owner—Mr. Silvestra.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.
Low Bidder—J. R. Armstrong, 1131 Fleet Road, Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO, Calif. E. Cecilia, S. Rivera.
Two 1-story and basement frame and stucco residences.
Owner and Builder—James Arnott & Son, 633 Taraval Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO, Calif. W. San Jose, S. Paulding St.
Three one-story and basement frame and stucco residences.
Owner and Builder—James Arnott & Son, 633 Taraval Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $.....
WALNUT CREEK, Contra Costa Co.
One - story and basement frame and stucco residence (6 rooms, 2 baths), tile roof, steel sash, hot air heating system, oil burner, hardwood floors, tile baths, etc.

Owner—Mr. Young.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland
Contractor—Wiley Vaughn, 501 Weldon Ave., Oakland.

Construction Postponed Indefinitely
RESIDENCE Cost, $7,500
VALLEJO, Solano Co., Calif.
One - story and basement frame and stucco residence (7 rooms and 2 baths), shingle roof, hardwood floors, tile baths, wood sash, gas heating system, etc.
Owner—Withheld.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.

Plans Being Figured—Bids Close on August 29th
RESIDENCE Cost, $.....
SANTA ROSA, Sonoma County, Calif. Denton Way.
One-story and basement frame and stucco residence (6 rooms), shake roof, oil burning floor furnaces, hardwood floors, tile sinks and bathroom floor, wood sash, etc.
Owner—Mr. Eicher.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contract Awarded
RESIDENCE Cost, $[illegible]
OAKLAND, Calif. 2752 Dornly Drive
Two-story frame and stucco residence (7 rooms).
Owner—E. B. Doads, Financial Center Bldg., Oakland.
Architect—C. H. Treichel, 696 Cleveland St., Oakland.
Contractor—New American Homes & Investment Co., Financial Center Bldg., Oakland.

Contract Awarded
RESIDENCE Cost, $15,000
SAN FRANCISCO, Church and Cumberland Streets.
Two - story and basement frame and stucco residence (12 rooms and 3 baths).
Owner—Mr. Tarazellier.
Architect—Fabre and Hildebrand, 110 Sutter Street.
Contractor—Fred K. DuPuy, 110 Sutter Street.

Bids In—Held Under Advisement
RESIDENCE Cost, $.....
SAN FRANCISCO, Calif. Church and Cumberland Streets.
Two-story and basement frame and stucco residence (12 rooms, 3 baths).
Owner—Mr. Tarazellier.
Architect — Fabre & Hildebrand, 110 Sutter Street.
Announcement will be made within a few days.

Contract Awarded
RESIDENCE Cost, $.....
PIEDMONT, Alameda Co., Calif.
Two - story frame and stucco Early California Type residence (twelve rooms, 6 bedrooms and 5 baths), wood roof, hardwood floors, plaster walls, gas hot air heating system, fireplaces, tile baths.
Owner—Milo Gates.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—William Livingston, 1152 Euclid Ave., Berkeley.

Sub Contracts Awarded
RESIDENCE Cont. Price, $21,200
HILSBOROUGH, San Mateo Co., Cal.
Two-story and basement brick veneer residence (8 rooms and 3 baths).
Owner—J. C. Musser.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Contractor—Ira Coburn, 2048 Market St., San Francisco.
Plumbing, Heating & Sheet Metal—Frank Davison, 65 Chesley St., San Francisco.
Lumber—J. H. McCallum, Bryant and Oak Grove, San Francisco.
Brick Work—Albert Nelson, 242 Ocean Ave., San Francisco.
Other awards will be made in about two weeks.

Contract Awarded
RESIDENCE Cost, $8,000
PALO ALTO, Santa Clara Co., Calif. 454 Colorado Avenue.
One-story rustic residence.
Owner—H. M. Beaudoin, 500 Colorado Ave., Palo Alto.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 ea.
SAN MATEO CO., Calif. Friendly Acres (Hoover St.).
Four one-story frame and stucco residences.
Owners and Builders—Friend Realty Co., 625 Market St., San Francisco.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $2,200 ea.
SAN RAFAEL, Marin Co., Calif.
Two one-story frame residences (four rooms and garage each).
Owner — Frederick Croker, Bayside Acres.
Kentfield.
Architect—Not Given.
Contractor—William Yeo, Kent Ave., Kentfield.

CONSTRUCTION TO START IMMEDIATELY
SAN BERNARDINO, Calif.—Frank L. Whitelock, 3311 D Street, San Bernardino, will have charge of the construction of 50 residences in North Gate park and at Mountain View Ave. and 28th St., San Bernardino, for Chas. S. Mann, president of the San Bernardino realty board. Average cost of the houses will be $3250. Construction program will be spread over a period of one year.

Preparing Plans
BAKERSFIELD, Kern Co., Calif.—Architect Clarence Cullimore, 101 Oleander St., Bakersfield, has plans in progress and nearing completion for the following residence projects: Frame and stucco residence in Bakersfield to cost $20,000, for Malcolm Brock, 2201 Cedar St., Bakersfield; frame and stucco residence in Taft for Dr. Earl Johnson, Taft; frame and stucco residence in Bakersfield, to cost $15,000, for Monroe Homer, 2105 19th St., Bakersfield; adobe ranch house on the McKittrick ranch, Kern county, for Swift & Co., Chicago; adobe residence in Bakersfield for E. B. Daniel, care of the architect.

To Be Done By Day's Work
RESIDENCE Cost, $——
SAN JOSE, Santa Clara County, Cal. Berryessa Subdivision.
One - story and basement frame and stucco residence (6 rooms and 2 baths) shingle roof, coal and wood furnace, wood sash, tile baths, hardwood floors.
Owner—A. F. O'Connell.
Architect—Higgins & Root (Chester Root, Architect) Security Building San Jose.
Previous bids received were rejected and work is being done by day's work under owner's supervision.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. W 31st Avenue S Judah Street.
Two one - story and basement frame and stucco residences.
Owner and Builder—Christian Anderson, 146 Granville Way.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. 330 Santa Rita Avenue.
Two-story and basement frame, stucco and brick veneer residence (English style, shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.)
Owner—A. F. Lumberger, 571 Hamilton Ave., Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $6,210
SAN FRANCISCO. Clarendon Heights North Belgrave Ave.
Two - story and basement frame and stucco residence.
Owner—Alfred Schulz, 370 Upper Terrace.
Architect—Wm. I. Garren, 233 Post.
Contractor—John Casty & Son, 666 Mission Street.

Contract Awarded
RESIDENCE Cost, $5,750
MILLBRAE, San Mateo Co., Calif.
One-story and basement frame and stucco residence (6 rooms).
Owner—Joseph Isola et al.
Architect—Not Given.
Contractor—D. J. Daly, 56 Covour St., San Francisco.

Plans Being Prepared
RESIDENCES Cost, $.....
SAN FRANCISCO, Calif. Sloat Blvd. (Pinelake Park.)
One-story and basement frame and stucco and brick veneer residences (One 6-room and One 7-room), tile and composition roofing, gas heating system, wood sash, tile baths and kitchen, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Ave.
Architect—D. E. Jaekle, 126 Post St.

Plans Being Prepared
RESIDENCE Cost, $.....
BERKELEY, Alameda Co., Calif. Kensington Park, Canyon Ave.
One-story frame and stucco residence (6 rooms, 2 baths), shingle roofing, oil heating system, wood sash, hardwood floors, tile and linoleum in baths.
Owner—E. E. Johnson.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 1956 Hoover Avenue.
Two-story frame and stucco residence (six rooms).
Owner—Rochel H. Nelson, 415 Bellevue Ave., Oakland.
Architect—Not Given.
Contractor—H. Nelson, 415 Bellevue Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Calif. 360 Vassar Avenue.
Two-story frame and stucco residence (seven rooms).
Owner—W. Clark, 1208 Colusa Ave., Berkeley.
Architect—E. L. Snyder, 2104 Addison St., Berkeley.
Contractor—Randolph Parks, 2401 Addison St., Berkeley.

Construction Postponed Indefinitely
DUPLEX RESIDENCE Cost, $5,400
ANTIOCH, Contra Costa Co., Calif.
One - story frame and stucco duplex residence (one 4-room and one 3-room residence).
Owner—Withheld.
Architect—James Narbett, 462 31st St., Richmond.

Contract Awarded
RESIDENCE Cost, $21,921
HILLSBOROUGH, San Mateo Co., Cal.
Two-story frame and stucco residence.
Owner—Mr. Whatley.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—Arthur Payne, P.O. Box 274, Redwood City.
(9909) 1st report June 20, 1936; 2nd

To Be Done By Day's Work
RESIDENCE Cost, $6,000
BERKELEY, Alameda Co., Calif. 1384 Ada Street.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. A. Stroud, Jr., 370 17th St., Oakland.
Architect—C. H. Treichel, 696 Cleveland St., Oakland.

Plans Being Completed
RESIDENCE Cost, $7,000
OAKLAND, Calif. Alpine Terrace.
One - story and basement frame and stucco residence (6 rooms, 2 baths), all tile roof, gas heating system, tile bath, steel sash, hardwood floors, etc.
Owner—Mrs. Porter.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $9,000
SAN FRANCISCO. St. Francis Wood.
Two - story and basement frame and stucco residence (tile roof, gas heating system, hardwood floors, tile baths, etc.).
Owner—D. H. Hughes.
Architect—Masten & Hurd, 233 Post.
Contractor—Henry Papenhausen, 595 Victoria St.

Contract Awarded
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Calif. St. James Wood.
Two-story frame and stucco residence (7 rooms and 2 baths), gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Allen Schutter.
Architect — Clarence Mayhew, 6026 Acacia Ave., Oakland.
Contractor — E. Campomenosi, 6401 Broadway Terrace, Oakland.

Sub Contracts Awarded
RESIDENCES $18,000 & $22,000
SAN FRANCISCO. Jackson and Locust Streets.
Two 3-story and basement frame and stucco residences (11 rooms, 4 baths & 11 rooms, 5 baths), shingle tile roofing, oil steam heating system, wood sash, tile baths and kitchens, hardwood floors, etc.
Owner and Builder—Fred Gannis, % Architect.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Lumber—Allen & Dettmann Lumber Co., 2000 Evans Ave.
Plumbing—J. V. Young, 159 14th St.
Sub bids are being taken on other portions of the work.

Contract Awarded
RESIDENCE Cost, $.....
LAFAYETTE, Contra Costa Co., Cal.
Two-story adobe residence (8 rooms and 3 baths), probably composition roofing, oil burning heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Mr. McAllister.
Architect — B. Reede Hardiman, 2068 Allston, Berkeley.
Contractor — Gordon Marchant, 821 Barbara Road, Oakland.

Plans Being Completed
RESIDENCE Cost, $9,000
OAKLAND, Alameda Co., Calif. Moraga Road.
Two-story frame and brick residence (7 rooms and 2 baths), shingle roof, gas heating system, hardwood floors, tile baths, etc.
Owner—George Bruns.
Architect—Edwin L. Snyder, 2101 Addison St., Berkeley.
Bids will be asked in about one week.

15— SCHOOLS

BIDS REJECTED
LOS ANGELES, Cal.—The Los Angeles board of education has rejected all bids for painting and miscellaneous work on the boys' gymnasium building at the John Burroughs junior high school, 600 S. McCadden Place, due to the fact that the low bid of E. R. Zielke was irregular. Bids were as follows: Raphael Co., $1340; David Wein, $1390; T. A. Rucker, $1500; C. R. Carl, $1666. New bids will be called shortly.

LOW BIDDER
LOS ANGELES, Calif.—Walter F. Clerich, 169 N. La Brea Ave., Los Angeles, submitted low bid to Los Angeles board of education, at $54,980, for one-story reinforced concrete physical education building at North Hollywood high school, 5231 Colfax Ave., North Hollywood. R. D. MacPherson, Architect; Structural Engineer, William D. Coffey.

CONTRACT AWARDED
LOS ANGELES, Calif.—William J. Shirley, 1724 S. Vermont Ave., at $139,620, awarded contract by Los Angeles board of education, for construction of a two-story class "A" reinforced concrete classroom building at the West Vernon Avenue School, 363 W. Vernon Ave. Thomas Franklin Power, Architect; William Mellema, Structural Engineer.

Plans Being Completed
SCHOOL Cost, $360,000
PALO ALTO, Santa Clara Co., Calif. Middlefield Road and Santa Arita.
Two-story reinforced concrete Junior High School to accommodate 1000; administration office, 27 classrooms, boys' and girls' gymnasium, auditorium to seat 1000; cafeteria to accommodate 600, and library.
Owner—Palo Alto School District.
Architect—Birge M. & David B. Clark, 310 University Ave., Palo Alto.
Plans will be forwarded to State Division of Architecture, Sacramento, within thirty days and, upon approval, bids will be asked.

Plans Being Completed
HIGH SCHOOL Cost, $115,000
AVENAL, Kings Co., Calif. Head of Seventh Street.
New high school building (frame construction), administration building, gymnasium and machine shops.
Owner — Lemoore Union High School District.
Architect—W. H. & Harold H. Weeks, 593 Market St., San Francisco.
Plans will be forwarded to State Division of Architecture, Sacramento, for approval in about three weeks.

Preparing Preliminary Plans
MUSIC BLDG. Cost, $30,000
NAPA, Calif.
One-story frame music building.
Owner—Napa Union High School District.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Application will be filed with the PWA for a loan and grant.

BIDS WANTED
WOODLAND, Yolo Co., Calif.—Until Sept. 14, 8 P. M., bids will be received by Woodland High School District for construction of new composition roof on the main building and shop building, and making repairs on roof of boys' gymnasium building at the high school, Woodland.
Plans and specifications may be obtained from Architects P. L. Dragon and C. R. Schmidts, 2068 Allston Way, Berkeley, upon deposit of $5.00.

Contracts Awarded
SCHOOL Cont. Price, $4,763
BRYTE, Yolo Co., Calif.
Alterations and additions to present elementary school (frame and stucco construction, re - roofing, etc.).
Architect — George Sellon, California State Life Bldg., Sacramento.
Contractor—H. W. Robertson, 3004 F St., Sacramento.
Roofing—Bush Roofing Co., 1912 K St., Sacramento—$1,229.
Complete bids published Aug. 10.

BONDS DEFEATED
ARDEN, Sacramento Co., Cal.—Arden Elementary School District defeated bond issue August 19 in the amount of $5,500. Proceeds were to have financed construction of alterations and additions to present school in Arden.
Preliminary plans prepared by Architect Charles Dean, California State Life Bldg., Sacramento.

BOND ELECTION
KERN CO., Calif.—Vaughn School District will vote September 11 on a proposal to issue bonds in the amount of $12,000, proceeds to finance construction of improvements to Vaughn School in Kern County. T. M. Cooper, Francis M. Seibert and Daisy Oldfield are trustees of the district.

Bids Rejected—Plans Being Revised
RECONST. SCHOOL Cost, $50,000
SAN LEANDRO, Alameda Co., Calif. Dowling Blvd. bet. E. Merle Court and Mitchell Avenue.
Reconstruction of the existing unit (6 classrooms and several administration units at Roosevelt School wood frame and stucco construction).
Owner—San Leandro School District.
Architect—Geo. Klinkhardt, 1801 Bank of America Bldg., Oakland.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans are being revised and new bids will be asked in 30 days.
On previous bid opening lowest bid was submitted by George Maurer, Piedmont, at $67,049.
Complete bids published July 23.

LOW BIDDERS
GUSTINE, Merced Co., Calif.—Berger Manufacturing Co., 102 Montgomery St., San Francisco, at $634, submitted low bid to Gustine Union High School District for furnishing and installing metal lockers in classroom and auditorium school building in Gustine. Second low bid was submitted by Worley and Co., San Francisco at $710.
Bids held under advisement.

BIG CREEK, Fresno Co., Cal.—Until Sept. 2, 2 P. M., bids will be received by H. A. Barber, Clerk, Big Creek School District for furnishing and installing electrical heating system in the Big Creek School building now under construction.
Plans and specifications may be obtained from W. D. Coates Architect, 626 Rowell Bldg., Fresno.

LOW BIDDER
LONG BEACH, Cal—J. E. Burrell, 750 W Anaheim St. Long Beach, submitted low bid to the Long Beach board of education at $31,662 for the construction of the administration building at the U. S. Grant school.

James R. Friend, 540 E 7th St., Long Beach, architect.

Prospective Bidders
GYM, SHOP, ETC. Cost, $50,000
COVELO, Mendocino Co., Calif.
One-story gymnasium building, one-story shop building and small auditorium (frame and stucco construction), built-up roof, maple & pine floors, oil hot air heating system, etc.
Owner — Round Valley High School District.
Architect — C. A. Caulkins, Rosenberg Bldg., Santa Rosa.
Following have procured plans. Bids open Sept. 8, 8 p.m.
B. A. Howkins, 1182 Market St., San Francisco.
L. Dioguardi, Sebastopol.
Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.
Oliver M. Rousseau, 321 Kearny St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

BIDS WANTED
LOW BIDDER
LOS ANGELES, Cal—W. F. Olerich 169 N La Brea Ave., submitted low bid to Los Angeles board of education at $85,840, for a two-story reinforced concrete building to be erected at 3rd and Fairfax elementary school, 408 S. Fairfax Ave. Austin Whittlesey, architect; H. C. Whittlesey, structural engineer.

BIDS WANTED
LOS ANGELES, Calif.—Until Sept. 11, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S San Pedro St., for the reconstruction of the main building, north building and auditorium at the Wilton Place School, 745 S. Wilton Place. Cost, $97,000. Theo. R. Jacobs, architect, and Donald F. Shugart, structural engineer.

BIDS WANTED
LOS ANGELES, Calif.—Until Sept. 4, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S San Pedro St., for painting and miscellaneous work at the girls' gymnasium building at the Manual Arts high school, 4131 S. Vermont Ave. Cost, $800.

BIDS WANTED
LOS ANGELES, Calif.—Until Sept. 4, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S San Pedro St., for 6 standard 3-unit classroom bungalows, one standard double bungalow, craft building and physical education building to be erected at the El Sereno District high school, 2911 Eastern Ave. Cost, $60,000. A. S. Nibecker, Jr., architect.

BOND ELECTION
WATSONVILLE, Santa Cruz Co., Calif.—Watsonville City School District will vote on September 19 (date changed from Sept. 12) on a proposal to issue bonds in the amount of $100,000, proceeds to finance construction of a new elementary school in Watsonville.
Preliminary plans prepared by Architect A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Application has been filed with the PWA for a loan and grant.

BOND ELECTION PLANNED
IRVINGTON, Alameda Co., Calif.—Irvington School District will call a bond election in the near future in the amount of $41,000, proceeds to assist financing construction of a new grammar school in Irvington.
Application will be filed with PWA for a 45% loan and grant, and if approved will bring the total cost of the building to $77,000.

Plans Being Completed
GYMNASIUM Cost, $30,000
SACRAMENTO, Sacramento Co., Cal. Fourth and O Streets.
One-story brick and steel gymnasium (73x133 ft.).
Owner—Buddhist Church, Inc., 418 O St., Sacramento.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Structural Engineer—E. D. Francis, California State Life Bldg., Sacramento.
Bids will be asked in one week.

Plans Being Completed
RECON. SCHOOL Cost, $75,000
NAPA, Napa Co., Calif.
Reconstruction of Napa Union High School (11 classrooms and auditorium to seat 1000), reinforced concrete and structural steel construction.
Owner—Napa Union High School District.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Plans will be completed in about one week.

Bond Election
WATSONVILLE, Santa Cruz Co., Calif.—Watsonville City School District will vote on September 19 on a proposal to issue bonds in the amount of $100,000, proceeds to finance construction of a new elementary school in Watsonville.
Preliminary plans prepared by Architect A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Application has been filed with the PWA for a loan and grant.

Sub-Contracts Awarded
AUDITORIUM Cont. Price, $53,877
SAN FRANCISCO. 150 Brompton St.
Reinf. concrete auditorium at Glen Park School.
Owner—City and County of San Francisco.
Architect—Lewis P. Hobart, 525 Market St., and Bliss & Fairweather, Balboa Building.
Contractor—Leo Epp, 4745 Geary Blvd.
Structural Steel—Golden Gate Iron Works, 1541 Howard St., $2,100.
Lathing and Plastering—A. Knowles, 982 Bryant St., $6,283.
Marble—Clervi Marble Co., 221 Bayshore Blvd., $952.
Tile—Clervi Marble Co., $1,085.
Acoustical Work — Western Asbestos Co., 675 Townsend St., $1,490.
Ornamental Iron—Fair Mfg. Co., 617 Bryant St., $1,196.
Slate Blackboards — Fred E. Turner, 557 Market St., $108.
Magnasite Sleepers — National Kellastone Co., Mills Tower, $319.
Window Hardware—Dalmo Sales Corporation, 511 Harrison St., $150.
Glass and Glazing—W. P. Fuller and Co., 301 Mission St., $406.
Painting—A. A. Zelinsky, 3011 Steiner St., $1,345.
Linoleum—D. N. & E. Walter Co., 562 Mission St., $193.45.
Shades—Bates Carpenter Co., 604 Mission St., $2,882.
Stage Equipment—General Seating Co. 160 2nd St., $424.71.
Kitchen Equipment—Dohrmann Hotel Supply Co., 135 Stockton St., $1200.
Finish Hardware—Palace Hdwe. Co., 581 Market St., $1,975.00.
Mill Work—Anderson Bros., Quint and Custer Sts., $2,394.00 .
Following sub-contracts awarded in connection with mechanical equipment and plumbing:
Sheet Metal—Sheet Metal Service Co., 213 Octavia St., $1,200.
Temperature Control—Johnson Service Co., Rialto Bldg., $449.
Pipe Covering—Western Aebestos Co. 675 Townsend St., $198.
As previously reported, mechanical equipment and plumbing awarded to Skelly & Kohler, 1344 9th Ave., at $5,930, and electrical contract to H. S. Tittle Co., Inc., 85 Columbia Sq., at $2,778.

BOND ELECTION
WATSONVILLE, Santa Cruz Co., Calif.—Watsonville City School District will vote on September 19 on a proposal to issue bonds in the amount of $70,000, proceeds to finance construction of a reinforced concrete gymnasium.
Preliminary plans prepared by Architects W. H. and Harold Weeks, 593 Market St., San Francisco.
Application has been filed with the PWA for a loan and grant.
(63) 1st report July 16, 1936. • 15

Seek Funds
RECONST. SCHOOL Cost, $67,000
ALAMEDA, Alameda Co., Calif. 2230 Alameda Avenue.
Reconstruction of Porter School.
Owner—Alameda City School District.
Structural Engineers—L. H. Nishkian, 525 Market St.; Earl Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco.
Application has been filed with the PWA for a loan and grant.

BIDS WANTED
LOS ANGELES, Cal.—Until Sept. 8, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro Street, for a new reinforced concrete administration building, auditorium, physical education building and cafeteria at the Berendo junior high school, 1445 S Berendo St. Cost, $230,000. Edward C. and Ellis W. Taylor, architects; O. W. Ott, mechanical engineer.

BIDS WANTED
LOS ANGELES, Cal—Until Sept. 10, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro Street, for classroom buildings "A" and "B", administration building "C" and physical education and shop buildings "D" and auditorium to be erected at the Hollenbeck junior high school, 602 S. Soto St. Construction will be of reinforced concrete. Cost, $581,000. A. F. Rosenblum, architect; R. McC. Beanfield, Chamber of Commerce Bldg. structural engineer.

Sub-Contracts Awarded
ADDITION Cont. Price, $12,797
TULARE, Tulare Co., Calif.
One-story concrete addition to Central Grammar School (add science and music room).
Owner — Tulare Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Harris Const. Co. 577 McKinley Ave., Fresno.
Roofing—D. Coffman.
Plumbing and Heating—Frank Hudson.
Electric Wiring—Tulare Elec. Co.
Sheet Metal—Z. Z. Dowd.
Iron Grille Work—Kyle & Co.
Glass—W. P. Fuller & Co.
Lumber—Burnett Lumber Co.
Steel Sash—Healy & Popovich.
Mill Work—Hollenbeck Bush Co
Painting—R. C. Crowell.
Window Shades—Healy & Popovich.
Reinforcing and Structural Steel—Kyle and Company.
Aquarium Table—Healy & Popovich.
All of Fresno.

Contract Awarded
REPAIR BLDG. Cost, $8,000
STOCKTON, San Joaquin Co., Calif. 3601 Pacific Ave.
Repair fire damage to building.
Owner—College of the Pacific.
Architect—Not Given.
Contractor—Lewis & Green, Bank of America Bldg., Stockton.

LOW BIDDER
LOS ANGELES, Calif. — Charles J. Dorfman, 124 N La Brea, submitted low bid at $90,900 to the Los Angeles board of education for additions to and reconstruction of Bldg. "D" (boys' and girls' gymnasium) at the John Marshall high school, 3939 Tracy St.

LOW BIDDERS
LOS ANGELES, Cal.—C. T. and W. P. Stover, 116 Alexander Ave., Claremont, at $202,220 submitted low bid to Los Angeles Board of Education on item 1, for construction of a new main and auditorium buildings at the Los Feliz School, 1740 N New Hampshire Ave. Herbert M. Baruch Corp., at $172,653 submitted low bid on item 2.

Contract Awarded
SCHOOL Cont. Price, $106,932
OAKLAND, Alameda Co., Calif. 10th and Union Streets.
Reconstruction, rehabilitation, earthquake proofing to Cole School (24-room brick tile building).
Owner—Oakland School District.
Architect—W. G. Corlett, Second Ave. and E. Tenth St. (Oakland School Administration Bldg.).
Contractor—Carl N. Swenson, 355 Stockton Ave., San Jose.
Complete bids follow:

Commissioned To Prepare Plans
SCHOOL Cost, $40,000
SACRAMENTO, Sacramento Co., Cal.
New elementary school (type of construction not determined).
Owner—Sacramento City School Dist.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.

LOW BIDDER
FULLERTON, Orange Co., Calif.—Willard Lutz, 1630 Lyman Place, Los Angeles, submitted low bid to Fullerton Elementary School District at $78-100, for the reconstruction of the Ford Avenue school, N. Ford Ave., between W. Chapman and W. Wilshire Aves., Fullerton. Clyde C. Deuel, 405 Douglas Bldg., Los Angeles, structural engineer; Myron Hunt and H. C. Chambers, Los Angeles, consulting architects.

Bids Wanted—To Close Sept. 8, 8 P.M.
RECON. AUDITORIUM Cost, $60,000
SALINAS, Monterey Co., Calif.
Reconstruction and earthquake proofing of high school auditorium (enlarge the seating capacity to 1250, improve acoustics, dressing rooms, etc.).
Owner—Salinas Union High School District.
Architect—Chas. Butner, 51 Main St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $25.00.
PWA will furnish 45% of the necessary funds.

16—BANKS, STORES AND OFFICES

Sub-Contracts Awarded
OFFICE BLDG. Cost, $——
PLACERVILLE, Eldorado Co., Calif.
One-story frame and brick office bldg.
Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery Street, San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg. San Francisco.
Masonry—Wm. A. Rainey & Son, 323 Clementina St., San Francisco.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave., San Francisco.
Mill Work—Anderson Bros., Quint & Custer Sts., San Francisco.
Hardware—Dunham, Carrigan & Hayden, Kansas and Division Streets, San Francisco.
Plumbing and Heatnig—Lewis & Lewis, Placerville.
Electric—W. S. Taylor, Eldorado.
Sheet Metal — May's Plumbing Shop, Placerville.
Roofing—Roof Serv. Co., Sacramento.
Metal Windows—Fire Protection Prod. Co., 1101 16th St., San Francisco.

PLANNED
LONG BEACH, Cal.—Capital Company, Knickerbocker Bldg., Los Angeles, has purchased property on the northwest corner of Second St. and Nieto Avenue, Belmont Shore, Long Beach, where they propose erecting a new bank building for the Bank of America. Capital Company has also purchased property at 22nd St. and W. Central Ave., Newport Beach, as the site for a Bank of America branch bank. Neither project has reached the plan stage. 16

BIDS OPENED
SAN FRANCISCO, Calif.—Harry A. Cohen, 2218 Clay Street, at $2,170.21, submitted low bid to Department of Public Works, for alterations in Co. Clerk's Office, City Hall. Work involves moving counters and files and miscellaneous changes; Spec. No. 4529.
Complete bids follow:

Harry A. Cohen	$2,170.21
Braas & Kuhn	2,127.00
Hannah & Wooldridge	2,195.00
Frank J. Reilly	2,281.00

Bids held under advisement.

Contract Awarded
SAN FRANCISCO, Calif.—Braas & Kuhn Co., 1919 Bryant St., at $2,127, awarded contract by Department of Public Works for alterations in County Clerk's Office, City Hall. Work involves moving counters and files and miscellaneous changes. Spec. No. 4529.
Complete bids published Aug. 21.

Contract Awarded
ALTERATIONS Cost, $10,000
COURTLAND, Sacramento Co., Calif.
Alterations and additions to bank for telephone offices (acoustical work, etc.).
Owner—Delta Telephone & Telegraph Company.
Architect—George Sellon, California State Life Bldg., Sacramento.
Contractor — Campbell Construction Co., 800 R Street, Sacramento.

Contract Awarded
ALTERATIONS Cost, $4,00
SAN FRANCISCO. 658 Market Street.
Alterations to restaurant.
Owner—Mannings, Inc., 365 Brannan.
Architect—Not Given.
Contractor—Dinwiddie Const. Co., 210 Crocker Building.

Bids Wanted
ALTERATIONS Cost, $——
PLACERVILLE, Eldorado Co., Calif.
Alterations and additions to bank bldg. (concrete work, plumbing, heating sheet metal, vaults, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Const. Dept. of Owner.
Mgr. of Const.—John Harkness, Placerville.
Heating, reinforcing steel and metal window bids are being received by the owners, and concrete, plumbing, electrical, roofing and sheet metal bids are being received by John Harkness in Placerville.

Contract Awarded
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 365 Market Street.
Alterations to restaurant.
Owner—A. Young, premises.
Architect—Not Given.
Contractor—Evanow Const. Co., 1000 Columbus Avenue.

FIRE LOSS
SAN FRANCISCO, Calif.—Fire destroyed the Iceland Skating Pavilion, Pierce and Sutter Streets, August 19. Damage estimated at $100,000. Alex Young, 136 Geary Street, announces that estimates are being taken on the cost of rebuilding the structure. Further details will be announced in about one week.

BIDS OPENED
SAN FRANCISCO, Calif.—Braas & Kuhn Co., 1919 Bryant St., at $2,127, submitted low bid to Department of Public Works for alterations in County Clerk's Office, City Hall. Work involves moving counters and files and miscellaneous changes. Spec. No. 4529.
Complete bids follow:

Braas & Kuhn Co.	$2,127.00
Harry A. Cohen	2,170.21
Hannah & Wooldridge	2,195.00
Frank J. Reilly	2,281.00

Bids held under advisement.

Plans Awaiting Approval
ALTERATIONS Cost, $20,000
MODESTO, Stanislaus Co., Calif.
Alterations to theatre for stores (work involves plate glass, plumbing, electrical work, painting, decorating, tile, etc.).
Owner—Pacific States Savings & Loan Assn.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Plans have been forwarded to Owners for approval and bids will be asked in about one week.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO, Calif. 141 Montgomery Street.
Alterations to restaurant.
Owner—Jack Kent, 141 Montgomery Street.
Architect—Not Given.
Contractor—S. A. Giusti & Co., 200 Green Street.

Plans Being Completed
ALTERATIONS Cost, $2,000
SAN FRANCISCO, Calif. NE Pine & Sansome Streets.
Alterations for offices in Insurance Center Bldg. (work involves plaster partitions, rubber tile flooring, etc.).
Owner — Pacific Coast Joint Stock Land Company.
Architect—Joseph L. Stewart, 200 Sansome Street.

Plans Being Completed
ALTERATIONS Cost, $25,000
SANTA ROSA, Sonoma County, Calif. Fourth and Hinton Avenues.
Alterations and additions to store and office building.
Owner—M. Goldman, Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Bids will be asked in about two weeks.

Plans Being Completed
STORE Cost, $250,000
SANTA ROSA, Sonoma County, Calif. Fourth and D Streets.
Two-story reinforced concrete store building (250-ft. frontage on 4th St., and 200-ft. frontage on D St.).

Owner — Rosenberg and Sons, Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Bids will be asked in about three weeks.

Contract Awarded
ALTERATIONS Cost, $11,000
SAN FRANCISCO, Calif. Market St., near Fifth.
Alterations to stores.
Owner—Lincoln Realty Co. and Samuel's Jewelry Store.
Architect—William I. Garren, 233 Post Street.
Contractor—Jacks & Irvine, 620 Mar-

BIDS WANTED
NEAR PHOENIX, Ariz.—Until Sept. 14, 10 A. M., bids will be received by Department of the Interior, Bureau of Reclamation, Denver, for furnishing air cooling, heating and ventilating equipment for the office building and dormitory at the government camp at the Bartlett dam Salt River Proj., Ariz. The camp is located about 54 miles northeast of Phoenix. Spec. No. 827-D. 3

Preparing Plans
BANK Cost, $100,000
MODESTO, Stanislaus Co., Calif. 11th and J Streets.
New bank building.
Owner — American Trust Company, 464 California Street, San Francisco.
Plans by Engineering Department of Owner.
Further details will be announced shortly.

Plans Completed
STORES Cost, $25,000
SANTA CRUZ, Santa Cruz Co., Calif.
One - story reinforced concrete store building (4 stores), tar and gravel roofing, concrete floors, terra cotta front, etc.).
Owner—Pacific States Amusement & Realty Co., Santa Cruz.
Architect—Not Given.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Bids Wanted—To Close Sept. 3.
ADDITIONS, ETC. Cost, $——
SAN RAFAEL, Marin County, Calif. B and Fourth Streets.
Alterations to present building and addition of new annex, 42x45 ft.; 1-story steel and brick construction, plain and ornamental plaster, tile and terra cotta exterior, marble counters, composition roofing, metal windows, new steam heating plant, air - conditioning system, marble and linatile floors, bronze fixtures, cabinet work, etc.
Owner—Bank of San Rafael (William P. Murray, President).
Architect—H. H. Winner, Wordsworth Avenue, Ross.
Bids are now being received for the marble, cabinet work and bronze. Estimated cost, $20,000.
As previously reported, H. J. Hansen, San Rafael, at $14,450, awarded contract for excavation, grading, concrete and cement work, reinforcing steel, structural steel, rough and finish carpentry, mill work, glass and glazing, roofing, insulating, painting and sheet metal.

Prospective Bidders
STORES & OFFICES Cost, $50,000
SAN MATEO, San Mateo Co., Calif. Third Avenue.
Two - story reinforced concrete store and office building (50x150 ft. 3 stores, 16 offices.
Owner—H. A. Avensino, 3236 Gough St., San Francisco.
Architect—Fabre and Hildebrand, 110 Sutter St., San Francisco.
Following will submit bids, to close August 28, 12 Noon:
Moore & Roberts, 693 Mission St., San Francisco.
De Lucca & Son, Inc., 1745 Filbert, San Francisco.
H. H. Larsen, 64 South Park Street, San Francisco.
G. P. W. Jensen, 320 Market Street, San Francisco.
G. W. Williams Co., 315 Primrose Road, Burlingame.
C. H. Besset Bldg. Co., 826 Walnut Ave., Burlingame.
M. E. Vukicevich, 666 Mission St., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, $25,000
MERCED, Merced Co., Calif.
Alterations and additions to bank bldg.
Owner—First National Bank, Merced.
Architect—H. H. Winner, Wordsworth Avenue, Ross.
Bids will be asked in about thirty days.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 1605 Haight St.
Alterations to restaurant.
Owner—B. A. Warner, premises.
Architect—Not Given.
Contractor — A. Petersen, 2758 San Bruno Avenue.

To Be Done By Day's Work.
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 1600-20 Van Ness.
Alterations to automobile agency.
Owner—Stater Motor Co., 1000 Geary.
Architect—Not Given. 6

Plans Being Figured—Bids Close Sept. 8, 5 P. M.
BUILDING Cost, $40,000
OAKLAND, Alameda Co., Calif. 826 West Street.
Two - story brick and steel building (to house offices and hiring hall of Teamsters' Union).
Owner—Teamsters' Union (Chas. W. Real, Secretary).
Architect—J. B. Anthony, 1849 Arch St., Berkeley.
Structural Engineer—F. W. Kellberg, 320 Market St San Francisco.

17— THEATRES

Contract Awarded
ALTERATIONS Cost, $65,000
SAN FRANCISCO. NW Cole St. and Haight.
Remodel Haight Theatre.
Owner—Golden Gate Theatre Co., 25 Taylor St.
Associated Architects—Jorgensen and Deichmann, 321 Bush St.
Structural Engineer—L. H. Nishkian, 525 Market St.
Contractor—Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.

Planned
ALTERATIONS Cost, $——
MARYSVILLE, Yuba Co., Cal. D and High Streets.
Alterations and additions to theatre.
Owner—Mrs. Edna M. Stuart and Edwin Atkins, Marysville.
Architect—Not Given. 7

Reinforced Steel Contract Awarded
THEATRE Cost, $.....
JACKSON, Amador Co., Calif.
Two-story theatre building (theatre to seat 700 and two stores on ground floor; 4 offices on second floor), reinforced conc. construction; Class C; gravel roof, wood sash, Summerbell trusses (50x130 ft.) heating and ventilating system.
Owner—Pam & Pierovich.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Rein. Steel—Kyle & Company, Stockton.
Other awards will be made shortly.

Plans Being Completed
THEATRE Cost, $65,000
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120-ft.) air conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 81 Bush Street, San Francisco.
Bids will be asked in about 3 weeks.

Preparing Plans
THEATRE Cost, $60,000
RODEO, Contra Costa Co., Calif.
Reinforced concrete theatre (to seat 1000), Stadium type; 2 stores.
Owner—T. J. O'Leary, 3911 West St., Piedmont.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.

18— WHARVES & DOCKS

BIDS OPENED
OAKLAND, Calif.—Ben C. Gerwick, Inc., 112 Market St., San Francisco, at $5,992, submitted low bid to City of Oakland Port Commission for driving 207 piles 66 to 77 feet long for foundation for bulkhead wall, Ninth Ave. Pier Extension, Oakland. Complete bids follow:
Ben C. Gerwick, San Francisco....$5,992
Healy Tibbitts Cons. Co., S. F... 6,218
M. B. McGowan, San Francisco.. 6,423
A. W. Kitchen Co., S. Francisco 6,770
Bids held under advisement.

19—MISC. CONSTRUCTION

BIDS WANTED
LOS ANGELES, Cal.—Until Sept. 1, 10 A. M., bids will be received by the Metropolitan Water District, 306 West 3rd St., Los Angeles, for furnishing and erecting steel structures for the East Portal aggregate plant in accordance with Spec. 167. The site of the work is at the east portal of the San Jacinto tunnel, about 7 miles east of Banning, Riverside County. The work to be contracted for comprises the furnishing and erecting of a steel structure for a batching plant with steel silos and bins; a steel structure for a screening plant with bins, chutes and gates, and a steel structure for a stocking conveyor, all for the East Portal aggregate plant. Specifications may be obtained at Room 1007, 306 W 3rd St., Los Angeles, upon payment of $2 per set, not returnable.

Preparing Working Drawings
DEPOT & GARAGE Cost, $30,000
STOCKTON, San Joaquin Co., Calif. Washington and Sutter Streets.
One-story reinforced concrete bus depot & garage (steel trusses, composition roofing, etc.)
Owner—Pacific Geryhound Lines, 201 Pine St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Bids will be asked in two weeks.
(9956) 1st report June 29, 1936. * 19

Contract Awarded
TERMINAL Cont. Price, $19,165
OAKLAND, Alameda Co., Calif. Piedmont Ave. train terminal.
One-story Class A concrete and steel train concourse and terminal.
Owner—Key System.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.

CONTRACT AWARDED

EUREKA, Humboldt Co., Calif.—Baker & Crosby, Fifth and G Streets, Eureka, at $3215, submitted only bid and awarded contract by Eureka City Council for installing a traffic control signal system at Fourth and E and Fourth and F Streets.

To Ask Bids About Sept. 1st

TOLL PLAZA Cost, $300,000
SAN FRANCISCO, Calif. Golden Gate Bridge.
Toll Plaza (16 toll houses, administration building and services, probably concrete construction).
Owner—Golden Gate Bridge Co., 111 Sutter Street (J. B. Strauss, Chief Engineer).
Engineer—Jos. B. Strauss, Engineer, Golden Gate Bridge Co., 111 Sutter St., San Francisco.

Construction Started

ALTER. & ADD. Cost, $100,000
PORTLAND, Ore. Montgomery bet. 4th and 5th Streets.
Alterations and additions to mortuary (brick veneer exterior, composition roofing, steam and hot air heating system, acoustical treatment, 1 passenge relevator, fire doors, intercommunicating phones ventilating system, etc.)
Owner—J. P. Finley & Sons, 432 SW Montgomery, Portland.
Architect—A. E. Doyle & Associates, Pacific Bldg., Portland.
Contractor—Wegman & Son, Board of Trade Bldg., Portland.
Heating and Plumbing—Urban & Sinnott, 1215 SW 5th St., Portland.
Electric — Morrison Electric Co., SW Washington and 13th Sts., Portland.

CONTRACTS AWARDED

LINCOLN COUNTY, Nevada.—Contracts awarded by the Lincoln County Power District No. 1 Aug. 18 were:

Westinghouse Electric & Mfg. Co.—transformers and switchboards, $88,-439.

Pacific Electric Mfg. Co.—switches and substation apparatus, $26,933.

Contracts awarded Aug. 13 were:

Electrical Power Specialties Co.—line hardware, $3025.

Ohio Brass Co.—clamps, insulators and connections, $13,655.

Jeffrey-DeWitt Insulator Co.—line material, $883.

Bethlehem Steel Co.—towers and fittings, $5778.

International Harvester Co.—trucks and trailer, $4457.

Safety Line Tool Co.—hot line tools, $1322.

Contracts previously awarded were:

Fritz Ziebarth, $2800.

Morrison-Merrill, $85,818.72.

Anaconda Wire and Cable Co., $117,-981.75.

General Cable Co., $119,171.10.

Westinghouse Electric Mfg. Co., $33,-600.

Ohio Brass Co., $26,413.75.

Westinghouse Electric Supply, $5548.

Electric Power Specialties Co., $7,-719.86.

General Electric Supply Co., $6000.

Phelps Dodge Copper Products Co., $32,100.

W. E. Callahan Constr. Co., $109,-508.60.

Jas. Cashman, $5530.

Planned

PLEASURE PIER Cost, $12,500
CAPITOLA, Santa Cruz Co., Calif.
Pleasure Pier (100x1000-ft.)
Owner—Dewey D'Albert, et al, Capitola.
Architect—Not Given.
Application has been filed with the County Board of Supervisors for a lease on the property.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

DUCK VALLEY PROJECT, Nevada—Bids for furnishing 37,192 ft. BM prime structural redwood for Duck Valley Project, f.o.b. bidder's shipping point under Invitation No. 0298, were opened by the U. S. Indian Irrigation Service. The bids were:

Morrison-Merrill & Co., Salt Lake City—$1526.66; discount 2%, f.o.b. Scotia; delivery 20 days.

Hammond-Little River Redwood Co.—$1523.43; discount 2%, f.o.b. Samoa; delivery 10 days.

Union Lumber Co.—$1526.62; discount 2%, f.o.b. Ft. Bragg; delivery, 14 days.

Pacific Lumber Co.—$1526.59; discount 2%; f.o.b. Scotia; delivery, 7 days.

BIDS OPENED

LOS ANGELES, Calif. — Bids for furnishing full treated pressure creosoted poles under Spec. No. 2060, received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, as follows:

The bid items were:
(1) 75 25-ft. poles;
(2) 80 35-ft. poles;
(3) 375 40-ft. poles;
(4) 75 45-ft. poles;
(5) 60 50-ft. poles;
(6) 80 55-ft. poles;
(7) 35 60-ft. poles.

The unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Chas. R. McCormick Lbr. Co. (D.F.)	$7.95	$12.70	$15.90	$20.00	$24.40	$26.90	$33.30
Texas Creosoting Co. (S.Y.P.)	8.59	14.51	17.27	21.22	27.08	33.74	41.28
American Lbr. & Treating Co. (D.F.)	10.92	15.90	18.04	21.05	24.72	29.30	33.50
Pan Pacific Piling & Constr. Co. (D.F.)	10.83	15.53	17.80	20.03	22.25	24.42	28.20
Graybar Electric Co. (S.Y.P.)	10.16	18.77	5.24	30.75	38.53	45.75	53.80
J. H. Baxter & Co. (D.F.)	8.00	12.85	16.10	20.20	25.00	27.50	33.45

NOTE: Friend and Terry, Capital Lumber, Dolan Building Materials and Knox Lumber Co. on 14-21 days delivery, bid $530.80.

August 20, 1936.

BIDS OPENED

SACRAMENTO, Calif.—Bids for furnishing lumber received by U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Sacramento, under Spec. No. 37-30, as follows:

Friend and Terry Lumber Co., Sacramento, $584.46, delivery 3 days; discount 2% 10th prox;

Capital Lumber Co., Sacramento, $584.46, 3 days; 2% 10th prox;

Stockton Lumber Co., Stockton, $408.97, 14-21 days; net;

Santa Fe Lumber Co., San Francisco, $428.96, 7-10 days; 2% 10 days;

Woodland Lumber Co., Woodland, $595, 3 days; 2% 30 days;

Dolan Building Materials Co., Sacramento, $584.46, 3 days; 2% 10th prox;

Knox Lumber Co., Sacramento, $584.64, 3 days; 2% 10th prox

BIDS OPENED

LOS ANGELES, Calif.—The following bids were received by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, August 19, for furnishing 38,912 ft. B.M. Irrigation heart redwood f.o.b. bidder's shipping point, for use at Duck Valley project, Nevada, F.P. No. 205. Invitation No. 0295:

The bids were:

Hammond Lumber Co.—$1538.05, f.o.b. Samoa, Calif.; discount 2%, 10 days; deliv. 8 days.

Pacific Lumber Co.—$1538, f.o.b. Seocia; discount 2%, 10 days; deliv. 7 days.

Union Lumber Co.—$1538.06, f.o.b. Ft. Bragg; disc. 2%, 10 days; deliv. 20 days.

CONTRACT AWARDED

ROSEVILLE, Placer Co., Calif.—Maydwell & Hartzell, Inc., 158 11th St. San Francisco, awarded contract by Roseville City Council for furnishing a mixed carload of approximately 80 Western Red Cedar poles with treated butts.

CONTRACT AWARDED

SAN FRANCISCO, Calif. — Taper Tube Pole Co., 632 Monadnock Bldg., San Francisco, at $7,270.10, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1621, for furnishing street lighting fixtures.

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MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

KERN COUNTY

KERN COUNTY, Cal.—Until Sept. 7, 7 P. M., bids will be received by Board of Trustees, Buttonwillow Union Grammar School District, for furnishing one school bus of 30 to 35 student capacity.

Specifications on file with clerk of the board.

RECLAMATION BUREAU

IMPERIAL DAM.—Until Sept. 10, 2 P. M., bids will be received by U. S. Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Custom House, Denver, for furnishing six aluminum metal sash windows and two aluminum rolling doors for installation in the gate control houses, Piers 2 and 4, All-American canal headworks, Imperial Dam, All-American canal system, Boulder Canyon project. Bids will be for delivery at bidder's shipping point or at Yuma, Ariz.; Spec. No. 826-D may be obtained from above office; no charge to bona fide prospective bidders.

GRAND COULEE DAM.—Until September 8, 2 P. M., bids will be received by U. S. Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Custom House, Denver, for furnishing five 150-kv-a., single-phase 60-cycle, 11,500-to 230/460-volt, oil insulated, self-cooled outdoor type transformers, and two 15,000-volt, 400-ampere, three-pole, single-throw, outdoor-type, gang operated, fused, disconnecting switches for pumping plants for cooling concrete at Grand Coulee Dam, Columbia Basin Project. Bids will be for delivery at bidder's shipping point or at Coulee, Wash. Spec. No. 825-D may be obtained from above office; no charge to bona fide prospective bidders.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Sept. 1, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut-Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 37-36, for the rental of one tow boat with gasoline or distillate engine, not less than 40-h.p.; fob U. S. Engineer Boathouse, Stockton.

Specifications and proposal forms on application to above.

NAVY DEPARTMENT

WASHINGTON, D. C.—Until September 8, bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

MASKS, half; Mare Island. Sch. 8637.
STEEL, 8,000 sheets corrosion-resisting flat; Mare Island. Sch. 8633.
EXCELSIOR, 132,000 lbs.; Mare Island. Sch. 8636.
VALVES, cylinder; Mare Island. Sch. 8635.
TUBE testing outfits, water; Mare Island. Sch. 8648.
WOOD, templet; Mare Island & East Yards. Sch. 8660.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

LOS ANGELES CITY

LOS ANGELES, Calif.—Until September 1, 2 p.m., bids will be received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing and delivering bell and spigot cast-iron water pipe under Spec. No. X-46, as follows:

(1) 1280 ft. 20-in. I.D. pipe, .88-in. wall thickness, del. f.o.b. trucks, Department's Hewitt St. pipe yard, within 35 days;

(2) 9300 ft. 24-in. I.D. pipe, .88-in. wall thickness, del. f.o.b. trucks, Department's Slauson and Compton Ave. pipe yard within 35 days;

(3) 13,800 ft. 16-in. I.D. pipe, wall thickness, .68-in., del. f.o.b. trucks Department's Slauson and Compton Ave. pipe yard;

(4) 4600 ft. 20-in. I.D. pipe, .80-in. wall thickness, del. f.o.b. trucks, Department's San Pedro pipe yard, 950 W. First St., San Pedro, within 45 days;

(5) 7040 ft. 16-in. I.D. pipe, .68-in. wall thickness, del. f.o.b. trucks, trench side on Saticoy St., Woodlake Ave. and Stagg St., between Fallbrook and Cohassett Aves., within 50 days;

(6) 4480 ft. 16-in. I.D. pipe, .68-in. wall thickness, del. f.o.b. trucks, trench side on Reseda Blvd., between Roscoe Ave. and Saticoy St., within 50 days;

(7) 3350 ft. 16-in. I.D. pipe, .68-in. wall thickness, del. f.o.b. trucks trench side on Canoga Ave., between Saticoy and Gault Sts., within 50 days;

(8) 2630 ft. 16-in. I.D. pipe, .68-in. wall thickness, del. f.o.b. trucks, trench side Saticoy St., between Havenhurst and Woodley Aves., within 60 days;

(9) 9780 ft. 16-in. I.D. pipe, .68-in. wall thickness, del. f.o.b. trucks, trench side on White Oak Ave., between Roscoe Blvd. and Van Owen St., within 60 days.

TUCUMCARI, N. M.—Until Sept. 4, 11 a.m., bids will be received by the U. S. Engineer Office, Tucumcari, N. M., for furnishing 250,000 bbls. Portland cement to cover the first year's cement requirements on the Conchas Dam (now being advertised) on the South Canadian River, 27 miles north of Newkirk, N. M.

The items are:

(1) 245,000 bbls. Portland cement in bulk weighing 376 lbs. net per bbl.;

(2) 5,000 bbls. Portland cement in sacks weighing 94 lbs. per sack.

nate bid for f.o.b. cars at Newkirk, N. M.

Bids will be received f.o.b. cars at bidder's shipping point with an alter-

TREASURY DEPARTMENT

SAN FRANCISCO.—Until Sept. 1, 10 A. M., bids will be received by the State Procurement Office, Treasury Department, Room 514, 49 Fourth St., for the rental of a van body truck, body 12-ft. long, 7-ft. wide and 8-ft. high, for use on WPA projects.

Delivery at 49 4th St. San Francisco.

Specifications obtainable from above office.

CALIFORNIA STATE

SACRAMENTO, Calif.—Until August 31, 10 a.m., bids will be received by J. S. Mispley, State Purchasing Agent, 319 State Capitol, Sacramento, under Req. No. 14390, for furnishing one reversible blade plow for installation on four-ton, four-wheel-drive truck; f.o.b. Sacramento.

Specifications and proposal forms on application to above.

SACRAMENTO, Calif. — Until August 31, 10 a.m., bids will be received by J. F. Mispley, State Purchasing Agent, 319 State Capitol, Sacramento, under Req. No. 14417, for furnishing 4 one-way moldboard or speed snow plows for installation on four-wheel-drive trucks; f.o.b. Redding.

Specifications and proposal forms on application to above.

SACRAMENTO, Calif.—Until August 31, 10 a.m., bids will be received by J. S. Mispley, State Purchasing Agent, 319 State Capitol, Sacramento, under Req. No. 2528, for furnishing one reversible blade snow plow with hydraulic control, for installation on 168-in. wheelbase truck; f.o.b. San Diego.

Specifications and proposal forms on application to above.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until September 8, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-42, for furnishing wire rope clips, wire strand, 2-ply wire, steel staples, wire nails, etc.

Delivery f.o.b. Lovdal, Calif.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Sept. 15 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-38, for furnishing miscellaneous supplies, including screws, chain, wire, belt lacing, hacksaw blades, drills and countersinks, bits, files, pipe, fittings, handles, etc.

Delivery fob Rio Vista.

Specifications obtainable from above office.

OAKLAND CITY

OAKLAND, Alameda Co., Calif.—Until September 3, 8 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the rental of approximately 20 trucks, 1½ to 2½ c.y. capacity, for approximately 500 hours each.

Specifications obtainable from the above office.

OAKLAND, Alameda Co., Calif.—Until September 3, 8 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing approximately 10,000 tons of base aggregates.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS OPENED

LOS ANGELES, Calif.—Bethlehem Fabricators, Inc., at $31,016, submitted low bid to U. S. Engineer Office, Los Angeles, for furnishing 606,000 lbs. fabricated steel and other metal work for steel framework in the superstructures of three bridges.

The items were:

(1) 52,000 lbs. steel for Carson Estate bridge;
(2) 52,000 lbs. steel for Dominguez Estate bridge;
(3) 502,000 lbs. steel for Centinela Blvd. bridge.

Circular Proposal No. 125.

The bids were:

Bethlehem Fabricators, Inc.—(1) and (2) 3.996c; (3) 5.35c; total, $31,016.
Ingalls Iron Works—(1) and (2) 4.89c; (3) 5.74c; total, $33,900.
Consolidated Steel Corp.—(1) and (2) $5.15 cwt.; (3) $5.93; total, $35,-124.60.
Bethlehem Steel Co.—(1) and (2) 5.08c; (3) 6.02c; total, $35,503.60.
Apex Steel Corp.—(1) 5.65c; (2) 5.65c; (3) no bid; discount 1%, 20 days.

BIDS OPENED

LOS ANGELES CO., Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at $89,449.80, submitted the only bid received by State Division of Highway, C. H. Purcell, State Highway Engineer, Los Angeles, for constructing a reinforced concrete subway structure and grading and paving with portland cement concrete about 0.4 mile in Pasadena, between Club Road and El Circulo.

BIDS WANTED

CONTRA COSTA CO., Calif.—Until Sept. 8, 11 A. M., bids will be received by Contra Costa County Board of Supervisors, Martinez, for constructing an extension to a concrete culvert at Muir Station. Estimated cost, $2600.

The work involves:

(1) 81 c.y. concrete;
(2) 9,000 lbs. reinforcing steel.

tinez; no deposit.

Specifications may be obtained from County Surveyor R. R. Arnold, Mar-

CONTRACT AWARDED

MARIN CO., Calif.—Brown & Lambretti, 275 E. Blythedale Ave., Mill Valley, at $5,938.50, submitted low bid and awarded contract by the Marin County Board of Supervisors, San Rafael, for constructing a reinforced concrete bridge across Novato Creek on Grant Ave., Novato, in Road District No. 5.

The work involves:

(1) 265 c.y. Class A Portland cement concrete;
(2) 29,500 lbs. reinforcing steel.

Complete bids follow:

Brown & Lambretti, Mill Valley—(1) $17.50; (2) $0.045; total, $5,938.50.
Renati Bros., Novato—(1) $20.20; (2) $0.045; total, $6,680.50.
John Carcano, San Rafael—(1) $23.60; (2) $0.045; total, $7,581.50.
Empire Constr. Co., S. F.—(1) $24.62; (2) $0.0474; total, $7,922.60.
M. J. Lynch, S. F.—(1) $27; (2) $0.05; total, not given.

CONTRACT AWARDED

SANTA CLARA CO., Calif.—Bert B. Ward & Son, 1139 Lincoln Ave., San Jose, at $3,024.75, submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, San Jose, for constructing two timber bridges on Kincaid Road in Supervisor District No. 2.

Collins & Martin, San Jose, at $3,-155, submitted the only other bid received.

Robert D. Chandler, County Surveyor.

BIDS WANTED

TULARE CO., Cal.—Until Sept. 8, 10 A. M., bids will be received by the Division of Highways, R. M. Gillis, District Engineer, State Highway Bldg., Fresno, for about 0.27 mile of grading, applying road-mix surface treatment, and constructing a reinforced concrete bridge in Tulare Co. between Olive School and one-fourth mile east.

The work involves:

(1) 160 M. gals. water;
(2) 2,000 c.y. rdwy. excav., unclass.;
(3) 1,000 sta. yds. overhaul;
(4) 225 c.y. structure excavation;
(5) 1,400 c.y. imported borrow;
(6) 14.5 stations finishing roadway;
(7) 3,500 sq. yds. preparing, mixing and shaping roadbed;
(8) 30 tons liquid asphalt SC-2 (road mix surface treatment);
(9) 4 tons liquid asphalt SC-2 (prime coat);
(10) 14,000 lbs. bar reinf .steel (struc.)
(11) 112 c.y. Class A portland cement concrete (structures);
(12) 108 l.f. timber railing;
(13) 0.4 mile removing and resetting existing property fences;
(14) 4 each, monuments complete in place.

Plans and specifications obtainable from the above office.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until September 17, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder bridge across Rio Hondo at Rosemead Ave. two miles west of El Monte, consisting of seven 48-ft. spans and two 39-ft. spans.

The work involves:

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

(1) 30 M. gals. water;
(2) 500 c.y. rdwy. excav.;
(3) 300 c.y. struc. excav. (bents 1 and 10);
(4) 650 c.y. do (bents 2 and 9 inc.);
(5) 1,500 sq. yds. subgrade for pave.
(6) 300 c.y. Class A Portland cement concrete (pavement);
(7) 630 each pavement dowels;
(8) 376,000 lbs. bar reinf. steel;
(9) 170 c.y. Class A Portland cement concrete (footing blocks);
(10) 1,675 c.y. do (structure);
(11) 26 c.y. do (railing);
(12) 11,000 lbs. struc. steel (railing);
(13) 860 lbs. bronze;
(14) 2,600 l.f. concrete piles cast in place;
(15) 200 l.f. bank protection fence;
(16) 16 c.y. Class A Portland cement concrete (curbs and gutters);
(17) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Commission, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the U. S. Forest Service, P. C. Brown, Procurement Officer, Phelan Bldg., under Bid No. 891, for furnishing one structural steel flume truss, 40 ft., for Mud Creek, McCloud.

Herrick Iron Works, Oakland $262
Judson-Pacific Iron Works, S.F. . 265
Schrader Iron Works, S.F..... 267
Western Iron Works, S.F..... 290

CONTRACT AWARDED

HUMBOLDT & TRINITY COS.—A. T. Howe & Son, 111 Stanford St., Santa Rosa, at $54,339.29, awarded contract by the State Division of Highways, Sacramento, for about 0.6 mile grading and constructing three timber bridges, between 1.3 miles and 13.1 miles east of Bridgeville and at Clear Creek in Humboldt and Trinity Counties.

CONTRACT AWARDED

SANTA CRUZ CO., Calif.—A. Soda & Son, 5231 Grove St., Oakland, at $24,384.55, awarded contract by the State Division of Highways, Sacramento, for constructing a bridge across Rodeo Gulch, 1.7 miles east of the city limits of Santa Cruz, consisting of two 60-ft. plate girder spans and four 30-ft. steel stringer spans with concrete deck on existing concrete piers and abutments.

CONTRACT AWARDED

SANTA CRUZ CO., Calif.—W. J. Tobin, 3701 Balfour Ave., Oakland, at $22,053, awarded contract by the State Division of Highways, Sacramento, for constructing two bridges, one across Fall Creek and the other across San Lorenzo River at points approximately 8 and 14 miles north of Santa Cruz.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

COOS BAY, Oregon.—Until September 1, 3 p.m., new bids will be received by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Bid No. 698-37-86, for dredging approximately 1,506,-000 c.y. of material from the channel in Coos Bay and Isthmus Slough, between mile 7½, about 1½ miles below the Southern Pacific Railroad Bridge, and mile 15 at the upper end of the Coos Bay Lumber Co. (Smith Mill)

wharf, above Marshfield, a total distance of about 7½ miles.

Plans and specifications obtainable from the above office.

Tacoma Dredging Co., 1113½ A St., Tacoma, at $193,521, submitted the low bid at the previous opening. * 22

23— CANALS

CONTRACT AWARDED

ALL - AMERICAN CANAL.—Peterson Const. Co., 610 Wesley Temple Bldg., Minneapolis, at $339,452 awarded contract by U. S. Bureau of Reclamation for constructing wash overchutes, drainage inlets and turnouts, All-American Canal, Station 308 to 1122; Spec. No. 84.

BIDS WANTED

STANISLAUS CO., Cal.—Until Aug. 31, 2 P. M., bids will be received by Turlock Irrigation Dist., R. V. Meikle, Chief Engineer, Turlock, for lining and improving existing canal structures, as follows:

SCHEDULE 3
(Main Canal at Peasley)

(1) 133,656 sq. ft. 2-in. levee lining;
(2) 2 c.y. raising and connecting existing structures;

SCHEDULE 4
(Main Canal at Warners)

(1) 259,233 sq. ft. 2-in. levee lining;
(2) 65 c.y. concrete floor under bridge and raising and connecting struc.

SCHEDULE 5
(Main Canal)

(1) 16,033 sq. ft. 2-in. levee lining from Highline to Drop 7 and above Hickman Bridge;
(2) 168 c.y. raising and connecting structures; concrete deck on one bridge, concrete floor under two briges.

SCHEDULE 7
(Turlock Main Canal, Montpellier Road to Dr. 4)

(1) 44,856 sq. ft. 2-in. levee lining;
(2) 1 c.y. raising and connecting struc.

SCHEDULE 8
(Turlock Main Canal, Monte Vista Road to Dr. 7)

(1) 205,044 sq. ft. 2-in. levee lining;
(2) 117 c.y. raising and connecting structures; new Drop 5½; concrete floor under two bridges.

SCHEDULE 11

(1) 77,122 sq. ft. 2-in. levee lining;
(2) 5 c.y. raising and connecting structures.

SCHEDULE 12
(Turlock Main Canal, Dr. 7 to S. P. R. R. Lat. 6)

(1) 633,854 sq. ft. 2-in. concrete lining;
(2) 73 c.y. raising and connecting structures and new conc. measuring weir;
(3) 2,335 l.f. gunite work against old levee lining.

Estimated cost of the work is $130,000, of which 30 per cent has been granted by PWA. Specifications may be obtained from above without deposit. * 23

BIDS WANTED

GUSTINE, Merced Co., Calif.—Until August 31, 8 p.m., bids will be received by the Gustine City Council, W. L. Chappell, City Clerk, for the construction of earth levees and ditches, concrete pump houses, sump foundations and floors, surge tanks, spillways and overflows and concrete pipe sewers.

Plans and specifications obtainable from W. R. Sherman, Engineer, Newman. *

24— STREET LIGHTING SYSTEMS

August 24, 1936

BIDS OPENED

SAN FRANCISCO.—Ocean Shore Iron Works, 550 8th St., at $240, submitted low bid to the Department of Public Works, City Hall, under Bid No. 4578, for constructing an asphalt surface heater hood. The only other bid with submitted by Norris K. Davis, Inc., San Francisco, at $300.

Bids held under advisement. 24

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

CHURCHILL CO., Nevada.—Four-Wheel Drive Auto Co., Reno, at $2,781.85 awarded contract by Churchill Board of County Commissioners for furnishing one 2-yard capacity dump truck with dual wheels to be delivered at Fallon. 25

CONTRACT AWARDED

OAKLAND, Calif.—Gardner-Denver Co., 250 7th St., San Francisco, at $2,950 awarded contract by Eastbay Municipal Utility District for furnishing one used air compressor.

BIDS OPENED

SAN FRANCISCO, Cal.—Bids were received by the U. S. Forest Service, F. F. Moran, Assistant Procurement Officer, San Francisco, under Bid No. 890, for furnishing one motor-powered lift of 7,500 lbs. working capacity, electric motor powered, for delivery at Glendale, as follows:

(1) Colyear Motor Sales Co., Oakland: $300, f.o.b. Glendale.
(2) Chansior & Lyon Stores, Inc., S.F.: $295, f.o.b. Glendale.
(3) Colyear Motor Sales Co., S.F.: $304.50, f.o.b. Glendale, and $291, f.o.b. San Francisco.

Bids held under advisement.

29— STREETS AND HIGHWAYS

BIDS WANTED

INYO CO., Calif.—Until September 16, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading, surfacing with salvaged surface material and applying road-mix surface treatment on about 2.3 miles, between 4 and 1.7 miles south of Fish Springs.

The work involves:

(1) 1,600 M. gals. water;
(2) 27,600 c.y. roadway excavation, unclassified;
(3) 350 c.y. structure excavation;
(4) 10,000 c.y. imported borrow;
(5) 2,600 c.y. salvage surface;
(6) 1,500 c.y. selected shoulder material;
(7) 120 stations finish roadway;
(8) 65 tons asphaltic road material SC-2 (prime coat);
(9) 140 tons asphaltic road material SC-3 roadmix surface treatment);
(10) 120 stations prepare, mix and shape roadbed;
(11) 24 tons asphaltic emulsion Grade E (seal coat);
(12) 180 c.y. sand;
(13) 300 lbs. bar reinforcing steel;
(14) 10 c.y. Class A Portland cement concrete (structures);
(15) 506 l.f. 24-in. CMP;
(16) 24 l.f. existing CMP remove, clean and salvage;
(17) 20 ea. culvert markers;
(18) 13 ea. monuments.

NOTE: The State will furnish Corrugated Metal Pipe as more explicitly set forth in the special provisions.

Plans and specifications may be obtained from the State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the District Engineers in San Francisco, Los Angeles and Bishop. *

BIDS OPENED

HUMBOLDT & TRINITY COS., Cal. —Helwig Construction Co., 115 South Main St., Sebastopol, at $22,150, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.7 mile grading and removing existing timber bridges, between 3.15 and 5.25 miles east of Blue Lake and at Gray Creek, Humboldt and Trinity Counties.

The work involves:

(1) 3.5 acres clearing and grubbing right of way;
(2) 27,800 c.y. roadway excavation without classification;
(3) 4,800 sta. yds. overhaul;
(4) 300 c.y. imported borrow;
(5) 470 c.y. structure excavation;
(6) 36 sta. finishing roadway;
(7) 272 l.f. 24-in. CMP;
(8) 246 l.f. 30-in. CMP;
(9) 246 l.f. 36-in. CMP;
(10) 96 l.f. existing CMP to be cleaned and relaid.

Complete bids follow:

(A) Helwig Construction Co., Sebastopol $22,150.00
(B) A. T. Howe & Son, Santa Rosa 22,644.60
(C) A. Soda & Son, Oakland 26,971.00

Unit prices follow:

	(A)	(B)	(C)
(1)	$450.00	$600.00	$648.00
(2)	.64	.67	.78
(3)	.03	.02	.03
(4)	.89	.67	.80
(5)	1.50	1.50	1.90
(6)	10.00	10.00	10.00
(7)	1.00	.50	1.80
(8)	1.50	.50	1.50
(9)	2.00	1.00	2.50
(10)	2.00	.60	1.50

BIDS WANTED

SANTA CRUZ CO., Calif.—Until August 31, 2 p.m., bids will be received by State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for constructing a bridge across Scott Creek and a culvert across Mill Creek, between Davenport and Santa Cruz-San Mateo County Line in Santa Cruz Co.

The work involves:

(1) 830 c.y. unclassified roadway excavation;
(2) 50 c.y. structure excavation;
(3) 3 tons liquid asphalt, type SC-2 (in place);
(4) 13,300 lbs. bar reinf. steel (in place);
(5) 82 c.y. class A Portland cement concrete (in place);
(6) 18,500 lbs. structural steel (in place).
(7) 32 M. FBM redwood timber, dense select, all-heart structure grade;
(8) 4 M. FBM redwood timber, select all-heart structure grade;
(9) 6 M. FBM Douglas fir timber (in place);
(10) 2,440 lin. ft. furnishing treated Douglas fir piles, including piles for tests;
(11) 54 piles, including test piles (driven in place);
(12) 48 lin. ft. 18-in. CMP, in place (pipe to be furnished by State);
(13) 52 lin. ft. 36-in. CMP, in place (pipe to be furnished by State);
(14) 4 clearance markers (in place);
(15) lump sum, existing bridge and culvert removed and disposed of.

Specifications and proposal forms obtainable upon application to above office. *

BIDS WANTED

SANTA BARBARA CO., Calif.—Until September 16, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and paving with asphalt concrete or natural asphalt concrete about 1.5 miles and constructing a reinforced concrete bridge between one mile north of Rincon Creek and Carpinteria.

The work involves:

(1) 81 stations clearing and grubbing right of way;

(2) 700 M. gallons water;
(3) 28,000 c.y. roadway excavation unclassified;
(4) 395,000 sta. yds. overhaul;
(5) 30 c.y. ditch and channel excavation;
(6) 710 c.y. structure excavation;
(7) 870 c.y. existing concrete remove and dispose;
(8) 81 stations finishing roadway;
(9) 19,900 sq. yds. preparing subgrade;
(10) 304 tons asphaltic road material SC-2 (shoulders and approaches);
(11) 10,100 sq. yds. prepare, mix and shape roadbed;
(12) 791 c.y. Class A Portland cement concrete (structures);
(13) 13.5 c.y. Class A Portland cement concrete (railing);
(14) 1840 l.f. furnish reinforced concrete piles, including test piles;
(15) 52 ea. driving piles;
(16) 175 lbs. copper strip;
(17) 520 sq. yds. pave gutters and aprons;
(18) 120 l.f. 8-in. CMP;
(19) 258 l.f. 18-in. CMP;
(20) 48 l.f. 30-in. CMP;
(21) 236 l.f. existing metal pipe culvert clean and relay;
(22) 279 l.f. existing culvert, remove, clean and salvage;
(23) 7 ea. spillway assemblies;
(24) 4 ea. drop inlets, covers and frames;
(25) 80 l.f. laminated guard rail;
(26) 15 ea. culvert markers;
(27) 41 ea. guard posts;
(28) 0.2 mile property fence;
(29) 1 ea. drive gate;
(30) 0.5 mi. move and reset existing property fence;
(31) 8450 sq. yds. asphalt paint binder;
(32) 1 lot miscellaneous items of work;
(33) 17 ea. monuments;

Alternate A

(34) 7230 tons asphalt concrete base and leveling course;
(35) 3,280 tons asphalt concrete surface course;

Alternate B

(36) 7,230 tons natural asphalt concrete base and leveling course;
(37) 3,280 tons asphalt concrete surface course.

Plans and specifications may be obtained from the State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the District Engineers in San Francisco, Los Angeles and San Luis Obispo.

LOW BIDDER

SAN LUIS OBISPO - MONTEREY Cos., Cal.—Oilfields Trucking Co., Box 751, Bakersfield, at $10,764.20 submitted low bid to State Division of Highways, L. H. Gibson, District Engineer San Luis Obispo, for applying road-mix surface treatment to shoulders on about 10.8 miles between Paso Robles and 0.2 mile north of San Luis Obispo-Monterey County Line.

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until September 3, 8 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for grading and paving on Sallon St., between 12th and 14th Sts.

The work involves:
(1) 11,424 sq. ft. grading;
(2) 105 l.f. concrete curb;
(3) 1,914 sq. ft. concrete pavement;
(4) 9,440 sq. ft. asphalt concrete pavement;
(5) One manhole with inlet top.

Plans and specifications obtainable from the office of City Engineer Walter Frickstad, upon deposit of $5. • 29

BIDS OPENED

SOLANO CO., Calif.—A. G. Raisch Co., 1 DeHaro St., San Francisco, at $52,080.30 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and surfacing with bituminous treated surfacing, plant-mixed about 3.7 miles between the westerly Solano county boundary and Cordelia and between the County Hospital and Fairfield.

The work involves:
(1) 310 M. gals. water;
(2) 12,000 cu. yds. roadway excavation, unclass.;
(3 500 cu. yds. struc. excavation;
(4) 20,000 cu. yds. imported borrow;
(5) 300 cu. yds. salvaged surface;
(6) 193 sta. finishing roadway;
(7) 1500 tons untreated crushed gravel or stone;
(8) 5400 tons mineral aggregate (bituminous treated surf.);
(9) 380 tons asphaltic emulsion 90-95 (bituminous treated surf.);
(10) 18 tons asphaltic emulsion 90-95 (paint binder and seal coat);
(11) 90 tons sand (seal coat);
(12) 190 tons liq. asphalt SC-2;
(13) 30,900 sq. yds. preparing, mixing and shaping shoulders;
(14) 2512 lin. ft. 8-in. perf. metal pipe;
(15) 450 cu. yds. rock filling material

Complete bids follow:
(A) A. G. Raisch Co., San Francisco, $52,080.30.
(B) Pacific States Const. Co., S. F., $54,963.60.
(C) Hanrahan Co., San Francisco, $57-659.80.
(D) Louis Biasotti, Stockton, $59,-056.30.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	$2.00	$2.00	$1.20	$1.00
(2).....	.30	.38	.30	.30
(3).....	1.50	1.00	1.00	1.50
(4).....	.81	.80	.72	.75
(5).....	1.10	2.00	1.60	.75
(6).....	6.00	6.00	6.00	6.00
(7).....	1.50	1.70	1.75	2.00
(8).....	2.82	2.40	3.60	3.30
(9).....	15.80	20.00	21.00	20.00
(10).....	21.00	40.00	30.00	27.00
(11).....	3.25	3.00	3.60	3.00
(12).....	11.70	15.00	14.00	17.50
(13).....	.05	.08	.06	.10
(14).....	.15	.30	.15	.40
(15).....	2.50	3.00	3.00	3.15

BIDS OPENED

SAN FRANCISCO, Calif. — Charles L. Harney, Call Bldg., at $17,131.55, submitted low bid to Department of Public Works for the widening and reconstruction of Fremont Street, between Market and Harrison Streets; Spec. No. 18,928.

The work involves:
1) 5,000 sq. ft. Removing Asphalt-Basalt Pavement.
2) 4,500 sq. ft. Removing Basalt Block Pavement.
3) 35,000 sq. ft. Removing Asphaltic Concrete Wearing Surface.
4) 6,500 sq. ft. Removing Asphalt-Concrete Pavement.
5) 2,000 lin. ft. Resetting Curbs.
6) 400 sq. ft. Redressing Stone Curbs.
7) 350 ll. ft. New Granite Curb (Tangent).
8) 25 lin. ft. New Granite Curb (Circular).
9) 7,000 sq. ft. Two-course Concrete Sidewalk.
10) 1,000 sq. ft. Asphalt Macadam Sidewalk.
11) 5 Concrete Curb Inlets.
12) 5 Resetting or Reconstructing Catchbasins.
13) 550 tons Asphaltic concrete base and lev. course.
14) 600 tons Asphaltic Concrete Wearing Surface.
15) 115 tons Asphaltic Concrete Conform Pavement.
16) 850 Reset Cross Walk Markers.
17) 850 Cross Walk Markers (Furnished, New).
18) 15,000 sq. ft. 8-in. Class E Concrete Pavement.
19) 4 Manhole Frames and Covers Installed.
20) 1,700 lin. ft. Black Enameled Conduit (1½-in.).
21) 2 Low Pressure Hydrants Relocated.
22) 15 cu. yds. Class "B" Concrete.
23) 7 Street and Traffic Signs Reset.
24) 6 Brick Catchbasins Complete (New).
25) 3 Brick Manholes Complete (New).
26) 150 lin. ft. 10-in. V.C.P. Culvert.
27) 65 lin. ft. Armored Concrete Curb.

Complete bids follow:
(A) Charles L. Harney, San Francisco —$17,131.55.
(B) M. J. Lynch, San Francisco—$17,-676.
(C) A. G. Raisch, San Francisco—$18,-777.25.
(D) Pacific Pavements Co., San Francisco—$19,354.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	$ .07	$ .07	$ .09	$ .05
(2).....	.06	.04	.06	.03
(3).....	.03	.04	.04	.07
(4).....	.08	.08	.08	.07
(5).....	.35	.45	.40	.40
(6).....	.75	.50	.80	.50
(7).....	1.75	1.60	1.70	2.00
(8).....	2.50	2.00	2.40	2.10
(9).....	.08	.14	.13	.12
(10).....	.08	.08	.08	.10
(11).....	10.00	8.00	6.00	5.00
(12).....	50.00	50.00	50.00	50.00
(13).....	4.00	4.00	4.80	4.70
(14).....	4.67	4.25	4.80	4.70
(15).....	4.87	4.50	4.80	5.50
(16).....	.07	.05	.05	.05
(17).....	.20	.20	.20	.20
(18).....	.30	.27	.29	.29
(19).....	25.00	23.00	25.00	25.00
(20).....	.40	.75	.67	.70
(21).....	45.00	40.00	40.00	35.00
(22).....	10.00	8.00	7.50	7.00
(23).....	5.00	2.00	2.50	5.00
(24).....	70.00	85.00	90.00	80.00
(25).....	80.00	85.00	90.00	80.00
(26).....	1.70	1.50	1.00	1.50
(27).....	1.00	1.00	.75	.80

Bids referred to City Engineer John J. Casey. 9

PLANNED

SAN MATEO CO., Cal.—County supervisors have authorized County Engineer Urban S. Marshall to prepare plans for paving with portland cement concrete about two miles of county road to serve the proposed Redwood City Municipal Harbor. Estimated cost, $104,317, of which PWA will be asked to grant $46,942. Pacific Portland Cement Company has offered to donate cement valued at $17,750.

CONTRACT AWARDED

WATSONVILLE, Santa Cruz Co., Calif.—Granite Constr. Co., Bin No. 9, Watsonville, at $22,348.85, awarded contract by Watsonville City Council for widening the roadway by setting back curbs two feet on each side and removal of existing pavement on East Lake Avenue, between Main St. and Station 22 plus 12.3, and rebuilding the same to required grade from salvaged material and such new material as required, together with reconstruction of certain manholes, driveways, curbs, gutters, sidewalks, electrolier bases and conduits.

BIDS OPENED

GLENN COUNTY, Cal—N. M. Ball Sons, Box 404, Berkeley, and Larsen Bros., 5220 21st Ave., Sacramento, at $103,870.50 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading, surfacing with crusher run base and plant-mixed surfacing and constructing a reinforced concrete girder bridge on about 2.8 miles between Orland and the northerly boundary of Glenn County.

The work involves:
(1) 148 sta. clear and grub right of way;
(2) 1,500 M. gals. water;
(3) 230 c.y. remove existing concrete pavement;
(4) 25 c.y. remove existing concrete structures;
(5) 11,000 c.y. rdwy. excav., unclass.
(6) 650 c.y. struc. excav.;
(7) 41,000 c.y. imported borrow;
(8) 1,100 sta. yds. overhaul;
(9) 148 sta. finishing rdwy.;
(10) 13,300 tons crusher run base;
(11) 5,600 tons mineral agg. (plant-mix surf.);
(12) 280 tons liquid asph. ROMC-4 or ROMC-5 (do);
(13) 39 tons liquid asph. SC-2 (prime coat);
(14) 195 tons sand (prime coat);
(15) 900 sq. yds. asph. paint binder;
(16) 215 tons stone screenings (seal coat);
(17) 24 tons liquid asphalt ROMC-3 or ROMC-4 (seal coat);
(18) 47,900 lbs. bar reinf. steel;
(19) 220 c.y. Class A Portland cement concrete (struc.);
(20) 13 c.y. Class A Portland cement concrete (bridge railing);
(21) 1,070 l.f. furnishing reinf. conc. piles, including test piles;
(22) 35 each driving do;
(23) 1 only remove and dispose of existing bridge;
(24) 8 l.f. 8-in. CMP;
(25) 164 l.f. 12-in. CMP;
(26) 384 l.f. 18-in. CMP;
(27) 300 l.f. 24-in. CMP;
(28) 2 each remove and reseting headwalls;
(29) 1 only cast steel frame and cover for drop inlet;
(30) 324 l.f. cleaning and relaying existing pipe culverts;
(31) 126 l.f. cleaning and salvaging do;
(32) 80 l.f. laminated guard railing;
(33) 1,590 l.f. remove and salvage existing guard railing;
(34) 29 each culvert markers;
(35) 8 each guide posts;
(36) 1.8 miles new property fence;
(37) 8 each drive gates;
(38) 0.2 mile moving and resetting property fences;
(39) 1.9 miles remove and dispose of property fences;
(40) 28 each monuments.

Complete bids follow:
(A) N. M. Ball Sons, Berkeley, and Larsen Bros., Sacramento, $103,870.50.
(B) Union Paving Co., San Francisco, $105,429.50.
(C) Hanrahan Co., San Francisco, $114,206.45.

Unit prices follow:

	(A)	(B)	(C)
(1)	$ 30.00	$ 10.00	$ 12.00
(2)	1.75	1.00	1.30
(3)	3.00	3.00	3.30
(4)	5.00	6.00	6.50
(5)	.50	.40	.36
(6)	1.30	1.50	1.30
(7)	.50	.48	.63
(8)	.02	.02	03
(9)	7.00	5.00	9.00
(10)	1.85	2.30	2.30
(11)	2.80	3.25	2.90
(12)	20.00	20.00	23.00
(13)	17.00	15.00	18.00
(14)	2.75	2.00	2.00
(15)	.04	.03	.03
(16)	2.75	3.00	2.75
(17)	24.00	25.00	27.50
(18)	.05	.05	.06
(19)	25.00	20.00	26.00
(20)	60.00	50.00	60.00
(21)	3.00	4.00	4.00
(22)	50.00	50.00	60.00
(23)	1500.00	1000.00	1700.00
(24)	1.20	1.00	1.20
(25)	1.40	1.50	1.30
(26)	2.00	2.00	1.85
(27)	2.50	2.50	2.90
(28)	15.00	10.00	13.00
(29)	60.00	40.00	45.80
(30)	.50	1.00	50
(31)	.30	1.00	.35
(32)	1.25	2.00	1.50
(33)	.25	.30	.20
(34)	2.50	2.50	2.20
(35)	3.00	2.50	2.20
(36)	750.00	600.00	660.00
(37)	18.00	20.00	35.00
(38)	400.00	300.00	330.00
(39)	200.00	150.00	130.00
(40)	2.50	3.00	3.00

BIDS WANTED

IMPERIAL CO., Calif.—Until September 1, 2 p.m., bids will be received by State Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for gravel surfacing and applying liquid asphalt on about 7.6 miles, between one mile east of Heber and 3 miles east of Imperial in Imperial County.

The work involves:
(1) 7050 c.y. gravel surfacing;
(2) 500 tons liquid asphalt SC-2.

Specifications may be obtained from the above office.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until Sept. 11, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with asphalt concrete about 1.2 miles between Polyhi Court and Stanley Avenue in the cities of Long Beach and Signal Hill, Los Angeles County.

The work involves:
(1) 64 sta. clear and grub right of way;
(2) 250 M. gals. water;
(3) 2,900 c.y. remove exist. concrete;
(4) 16,000 c.y. rdwy. excav., unclass.;
(5) 5,600 c.y. struc. excav.;
(6) 6,500 c.y. imported subgrade material;
(7) 24,000 sq. yds. preparing subgrade
(8) 64 sta. finishing rdwy.;
(9) 280 tons mineral aggregate (plant mix surfacing);
(10) 15 tons liquid asphalt MC-4 or M-5 (plant-mix surfacing);
(11) 2 tons liquid asphalt MC-2 (prime coat);
(12) 8,600 tons asphalt concrete (base and leveling course);
(13) 5,800 tons asphalt concrete (type A surface);
(14) 27,500 sq. ys. asph. paint binder;
(15) 76,000 lbs. bar reinf. steel;
(16) 685 c.y. Class A portland cement concrete (struc.);
(17) 8,500 lbs. misc. iron and steel;
(18) 2.2 M F B M Douglas fir timber bulkheads;
(19) 75 l.f. 12-in. standard reinforced concrete pipe (centrifugal)
(20) 340 l.f. 18-in. do;
(21) 1,880 c.y. Class A portland cement concrete (curbs, gutters, and sidewalks);
(22) 1,400 l.f. curb armor;
(23) 54 l.f. 1½-in. galv. pipe handrail;
(24) 60 each adjusting manholes to grade;
(25) 1,650 sq. yds. pedestrian subway membrane waterproofing;
(26) 1 lot pedestrian subway railing;
(27) 1 lot pedestrian subway drainage system;
(28) 1 lot pedestrian subway electrical system.

CONTRACT AWARDED

SIERRA COUNTY, Cal.—Fredericksen & Westbrook, Lower Lake, at $13-875 awarded contract by State Division of Highways for placing gravel blanket over the existing roadbed on about eight miles in Sierra County between Sierraville and Calpine.

BIDS WANTED

WILLOW GLEN, Santa Clara Co., Cal.—Until Sept. 8, 7:30 P. M., bids will be received at the office of the City Clerk of Willow Glen in the Municipal Auditorium for surfacing with asphalt armor coat about 0.4 mile on Cherry Ave. from Willow Street to Minnesota Ave.

The work involves:
(1) 66,000 sq. ft. asphalt surfacing.

Plans and specifications may be obtained at the office of City Engineer H. N. Bishop, 505 S. Bayview Ave., Sunnyvale, or at the office of the City Clerk on deposit of $2, of which $1 will be refunded.

CONTRACT AWARDED

COLUSA CO., Cal.—Clausen Embleton Co., 852 Carmel St., Albany, at $21,161.50 awarded contract by State Division of Highways for about 2.7 miles roadbed widening and surfacing with gravel in Colusa County between Williams and 2.7 miles easterly.

CONTRACT AWARDED

August 22, 1936.

IMPERIAL CO., Calif.—Regal Oil Co., 2305 Orange Ave., Long Beach, at $2,314, awarded contract by State Division of Highways for applying liquid asphalt on about 17.5 miles between Meyer's Creek and Dixieland in Imperial County.

CONTRACT AWARDED

TUOLUMNE AND MARIPOSA COS., Calif.—Lambs Transfer Co., 828 Cowles Street, Long Beach, at $7,033.42, awarded contract by State Division of Highways for furnishing and applying liquid asphalt to existing roadbed on about 11.5 miles in Tuolumne and Mariposa Counties, between Moccasin Creek Dam and 0.3 mile south of Coulterville.

CONTRACT AWARDED

NEVADA CO., Calif.—Independent Construction Co., Ltd., Forty-sixth and Clement Streets, Oakland, at $36,341.50, awarded contract by State Division of Highways for about 2.9 mi. surfacing with plant-mixed surfacing in Nevada County, between Grass Valley and Nevada City.

CONTRACT AWARDED

TULARE CO., Calif.—Union Paving Co., Call Bldg., San Francisco, at $32,605, awarded contract by State Division of Highways for constructing crusher run base borders, applying bituminous seal coat to roadbed and applying roadmix surface treatment to shoulders on about 8.1 miles in Tulare County, between Route 134 and Visalia.

CONTRACT AWARDED

MONTEREY CO., Calif. — Granite Consrtuction Co., Ltd., Box No. 9, Watsonville, at $23,556, awarded contract by State Division of Highways for applying road-mix surfacing treatment and seal coat on about 7.3 miles in Monterey County, between Seaside Road and Salinas River.

CONTRACT AWARDED

CONTRA COSTA CO., Calif.—Jones & King, Jackson St., Hayward, at $23,262.50, awarded contract by State Division of Highways for about three miles surfacing with plant-mixed surfacing and constructing shoulders in Contra Costa County, between 3.5 mi. west of Pittsburg and 5.5 miles north of Concord.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until Sept. 4, 2 P. M., bids will be received by State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying penetration oil treatment on about 7.1 miles between Big Creek and Anderson Canyon, Monterey County.

Specifications may be obtained from above office.

COMPLETE BIDS

SAN DIEGO CO., Cal.—V. R. Dennis Const. Co., 3911 Fifth Ave., San Diego at $33,723.59 (as previously reported) submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles for constructing a reinforced concrete bridge across Las Choyas Creek at Main Street in the city of San Diego, consisting of three 30-ft. spans on concrete pile bents and concrete abutments with timber pile foundations and grading and surfacing approximately 0.19 mile of roadway with plant-mixed surfacing to be used as a detour.

(1) 90 M. gals. water;
(2) 330 c.y. rdwy. excav.;
(3) 900 c.y. struc. excav.;
(4) 1,500 c.y. ditch and channel excavation;
(5) 2,400 c.y. imported orrow;
(6) 570 tons mineral aggregate (plant mix surf.);
(7) 30 tons liquid asph. MC-5 or MC-extra heavy (do);
(8) 12 tons liquid asph. SC-2 (road mix surf. treatment);
(9) 1,400 sq. yds. preparing, mixing and shaping shoulders;
(10) 500 c.y. Class A Portland cement concrete (struc.);
(11) 245 c.y. do (footing blocks);
(12) 12 c.y. do (railing);
(13) 97,000 lbs. bar reinf. steel;
(14) 473 lbs. bronze expansion plates;
(15) 2,440 l.f. furnishing Douglas fir piles including test piles;
(16) 122 each driving do;
(17) 720 l.f. furnishing concrete piles, including test piles;
(18) 24 each driving do;
(19) 120 l.f. 36-in. CMP;
(20) 1,600 l.f. laminated guard railing;
(21) 2 each automatic drainage gates;
(22) 1 only existing bridge to be removed and disposed of;
(23) 1 lot misc. items of work.

Compleet bids follow:

(A) V. R. Dennis Const. Co., San Diego, $33,723.59.
(B) B. O. Larsen, San Diego, $35,971.
(C) M. H. Golden, San Diego, $39,-725.88.

Unit prices follow:

	(A)	(B)	(C)
(1)	$ 1.00	$ 2.00	$ 3.15
(2)	.28	.50	.50
(3)	1.00	2.00	5.50
(4)	1.00	.60	.30
(5)	.60	.80	1.10
(6)	3.00	5.00	5.90
(7)	20.00	18.50	21.00
(8)	10.00	20.00	33.00
(9)	.07	.20	.20
(10)	18.00	17.00	24.00
(11)	16.00	13.00	11.50
(12)	70.00	50.00	50.00
(13)	.045	.04	.0457
(14)	.43	.40	.36
(15)	.42	.40	.40
(16)	12.00	15.00	7.75
(17)	2.10	2.00	2.00
(18)	23.00	30.00	9.30
(19)	.60	1.00	.40
(20)	1.00	1.00	1.10
(21)	10.00	20.00	20.00
(22)	$2000.00	3000.00	665.00
(23)	600.00	1000.00	450.00

BIDS WANTED

RIVERSIDE CO., Calif.—Until August 26, 2 p m. (time extended from August 25, previously reported), bids will be received by the Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor St., San Diego, for furnishing and applying liquid asphalt to the existing shoulders and roadsides on about 32 miles in Riverside County, between Edom and the Riverside-Imperial County line.

The work involves:

(1) 525 tons liquid asphalt, SC-2, in place;
(2) 100 tons liquid asphalt, MC-4, in place.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

BUTTE CO., Calif.—Claude C. Wood, 669 Bedford Road, Stockton, at $19,855, awarded contract by State Division of Highways for about 3.1 miles surfacing with gravel and applying seal coat in Butte County, between Sacramento River and Chico.

CONTRACT AWARDED

SAN DIEGO CO., Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $279,221.95, awarded contract by State Division of Highways for grading and paving with asphalt concrete about 6.6 miles in San Diego County, between Del Mar and Encinitas.

Los Angeles & Orange Cos.—12 Mi. Grade, Pave—(St.)

LOS ANGELES and Orange Counties, Cal.—C. O. Sparks and Mundo Engr. Co., 2309 E. Olympic Blvd., Los Angeles, at $209,322 (as previously reported) submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for grading and paving with asphaltic concrete, portland cement concrete and plant-mixed surfacing about 12 miles in Los Angeles and Orange Counties, between Norwalk and Miraflores.

The work involves:

(1) 71 sta. clear and grub;
(2) 1,470 M. gals. water;
(3) 800 c.y. existing concrete to be removed;
(4) 46,000 c.y. rdwy. excav., unclass.
(5) 22,000 sta. yds. overhaul;
(6) 2,400 c.y. struc. excav.;
(7) 100 c.y. ditch and channel excav.
(8) 20,000 tons imported selected material;
(9) 83,000 sq. yds. preparing sugrade
(10) 633 sta. finishing rdwy.;
(11) 2,800 tons mineral agg. (plant-mxi surface);
(12) 150 tons liquid asphalt MC-4 or MC-5 (do);
(13 16 tons liquid asph. MC-2 (prime coat);
(14) 67,000 sq. yds. preparing, mixing and shaping shoulders;
(15) 68 tons liquid asph. SC-2 (shoulder prime coat);
(16) 810 tons liquid asph. SC-2 (shoulders);
(17) 15,730 tons asphalt conc. (base and leveling courses);
(18) 7,680 tons asphalt concrete (type A surface;
(19) 6,220 c.y. Class A Portland cement concrete pavement;
(20) 1 each pavement crossing devices (type A-20, 2 lane);
(21) 1 each do (types A-10, 2 lane);
(22) 1 each do (type C-10, 1 lane);
(23) 2 each do (type C-20, 1 lane);
(24) 11,900 each pavement dowels;
(25) 41,500 lbs. bar reinf. steel (pave. and struc.);
(26) 200 c.y. Class A Portland cement concrete (Struc.);
(27) 80 l.f. 18-in. CMP;
(28) 520 l.f. 24-in. CMP;
(29) 50 l.f. 0-in. CMP;
(30) 20 l.f. 24x63/8-in. part circle CM;
(31) 810 l.f. 30-in. standard reinforced concrete pipe;
(32) 750 c.y. Class A Portland cement concrete (curbs, gutters & sidewalks);
(33) 16,600 sq. yds. asphaltic p a in t binder;
(34) 7,000 lbs. steel rail assemblies;
(35) 8,200 lbs. misc. iron and steel;
(36) 11 each culvert markers;
(37) 165 l.f. existing CMP to be removed and salvaged;
(38) 3 each manholes to be adjusted to grade;
(39) 200 l.f. curb armor.

Complete bids follow:

(A) C. O. Sparks and Mundo Engr. Co., Los Angeles, $209,322.
(B) Gogo and Rados, Los Angeles, $221,225.50.
(C) Oswald Bros., Los Angeles, $221,-267.50.
(D) Sander Pearson, Santa Monica, $223,113.80.
(E) Griffith Co., Los Angeles, $233,-416.25.
(F) George R. Curtis Paving Co., Los Angeles, $233,770.00.
(G) United Concrete Pipe Corp., Los Angeles, $247,755.45.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 5.00	$20.00	$ 8.50	$ 6.00	$36.00	$10.00	$20.00
(2)	1.50	.75	2.60	1.25	2.50	2.50	.85
(3)	2.00	1.50	2.75	2.50	1.75	1.90	2.50
(4)	.40	.35	.32	.40	.39	.40	.40
(5)	.01	.01	.01	.01	.005	.01	.02
(6)	1.00	.60	1.20	1.00	1.25	.75	1.00
(7)	.50	.60	1.20	.80	1.00	1.00	1.50
(8)	1.15	.50	1.25	.90	.80	1.23	1.45
(9)	.10	.07	.10	.10	.11	.10	.10
(10)	5|00	6.00	2.00	5.00	3.00	2.50	6.00
(11)	2.75	3.30	2.65	2.25	2.20	2.84	2.60
(12)	16.00	15.00	14.00	16.50	16.00	17.50	20.00
(13)	25.00	22.00	18.00	15.35	23.00	22.00	30.00
(14)	.05	.07	.05	.055	.06	.05	.08
(15)	7.50	14.00	8.00	8.60	8.50	13.50	20.00
(16)	7.50	8.00	8.00	8.75	8.50	8.13	12.50
(17)	2.70	3.60	3.18	3.50	3.80	3.49	3.27
(18)	2.80	3.70	3.52	3.60	3.80	3.65	3.42
(19)	6.50	8.00	6.60	6.75	6.90	7.00	7.75
(20)	200.00	100.00	300.00	120.00	150.00	125.00	400.00
(21)	100.00	100.00	150.00	75.00	90.00	62.50	350.00
(22)	50.00	50.00	75.00	30.00	75.00	50.00	200.00
(23)	75.00	50.00	135.00	60.00	35.00	100.00	225.00
(24)	.12	.11	.115	.12	.14	.125	.12
(25)	.06	.06	.06	.065	.07	.06	.06
(26)	20.00	18.00	20.00	15.00	20.00	19.60	18.00
(27)	1.70	1.70	1.75	1.45	2.00	1.95	2.00
(28)	2.30	2.40	2.55	2.25	2.75	2.68	3.45
(29)	3.00	3.00	3.20	2.65	3.50	3.56	4.00
(30)	1.50	1.50	1.50	1.00	1.50	1.75	1.05
(31)	4.20	3.50	4.00	3.92	4.00	4.49	4.50
(32)	12.00	9.50	11.00	12.00	12.00	11.50	12.00
(33)	.02	.02	.02	.027	.015	.02	.03
(34)	.06	.05	.05	.09	.06	.06	.10
(35)	.15	.12	.13	.10	.15	.14	.20
(36)	3.00	3.00	2.50	2.00	1.75	2.00	5.00
(37)	1.00	1.00	.40	1.00	1.00	.60	1.25
(38)	25.00	10.00	12.00	10.00	15.00	10.00	10.00
(39)	1.00	.70	.85	.40	1.00	1.00	1.00

CONTRACT AWARDED

SAN FRANCISCO. — Pacific Pavements Co., Ltd., 85 Barstow Street, at $16,109.75 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,953, for the reconstruction of Spear Street between Howard and St. and the Embarcadero.

BIDS WANTED

TULARE CO., Calif.—Until September 16, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.44 mile to be graded and road-mix surface treatment applied and a timber bridge with concrete deck constructed between 1.75 miles and 2.25 miles east of Porterville, Tulare Co.

(1) 100 M. gals. water;
(2) 250 c.y. roadway excavation, unclassified;
(3) 50 c.y. structure excavation;
(4) 1950 c.y. imported borrow;
(5) 23 stations finishing roadway;
(6) 5 tons liquid asphalt SC-2 (prime coat);
(7) 50 tons liquid asphalt SC-2 (road-mix surface treatment);
(8) 5,800 sq. yds prepare, mix, and shape roadbed;
(9) 20,000 lbs. bar reinforcing steel;
(10) 100 c.y. Portland cement concrete Class A (structures);
(11) 31 M. ft. B.M., treated Douglas fir timber;
(12) 2.5 M. ft. B.M. Redwood timber, dense, select, all-heart structural grade;
(13) 1,345 l.f. furnish treated Douglas fir piles, including test piles;
(14) 53 each driving piles, including test piles;
(15) 60 c.y. light riprap;
(16) 0.65 mi. remove and reset property fence;
(17) 1 only bridge and bulkhead remove and dispose;
(18) 10 monuments.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the District Engineers in San Francisco, Los Angeles and Fresno.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until Sept. 3, 2 P. M., bis will be received by State Division of Highways, L. H. Gibson, District Engineer, 50 Hiugera St, San Luis Obispo, for treating with liquid asphalt about 20.1 miles between Gonzales and Chular and between Hilltown and Monterey in Monterey County.

Specifications may be obtained from above office.

BIDS OPENED

SAN DIEGO, Calif.—Regal Oil Co., 2305 Orange Ave., Long Beach, at $2309.50, submitted low bid to State Division of Highways, E. E. Wallace, District Engineer, San Diego, for applying liquid asphalt on shoulders for about 7.1 miles, between north city limits of San Diego and Linda Vista Road.

The work involves:
(1) 310 tons liquid asphalt SC-2.

Complete bids follow:

	Unit Price	Total
Regal Oil Co., Long Bch.	$7.45	$2309.50
Paulsen and March, Los Angeles	8.17	2532.70
Morgan Bros., Huntington Park	9.11	2824.10

CONTRACT AWARDED

SOLANO CO., Calif.—Louis Biasotti & Sons, P.O. Box 587, Stockton, at $9,709.70, awarded contract by State Division of Highways for grading and surfacing with plant-mix surfacing about 0.3 mile in the city of Benicia.

BIDS WANTED

SIERRA CO., Calif.—Until September 3, 2:30 p.m., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for furnishing and applying liquid asphaltic road material on Section A of Route 27, the Sierraville-Hobart National Forest Highway, Tahoe National Forest, Sierra County.

The work involves:
(1) 55 tons asphaltic road material, Type MC-2.

Specifications and proposal forms may be obtained at the above office or at the office of the resident engineer, Sierraville.

CONTRACT AWARDED

SAN FRANCISCO. — M. J. Lynch, Barneveld and Oakdale Aves., at $14,861.60 awarded contract by the Department of Public Works, City Hall, for the reconstruction of Steuart St. between Mission and the Embarcadero; Spec. No. 18,951.

CONTRACT AWARDED

MARIN CO., Calif.—Hutchinson Co., Greenbrae, at $2,025, submitted low bid and awarded contract by the Marin County Board of Supervisors, San Rafael, for furnishing rock and screenings for road work in District No. 3.

The work involves:
(1) 1,350 tons 1-in. to ½-in. rock;
(2) 675 tons ½-in. to ¼-in. screenings.

Complete bids follow:
Hutchinson Co., Greenbrae—(1) $1.00; (2) $1.00; total, $2,025.
Hein Bros., Napa—(1) $1.10; (2) $1.20; total, $2,295.
McPhail Fuel Co., San Rafael—(1) $1.45; (2) $1.45; total, $2,936.25.

CONTRACT AWARDED

LASSEN CO., Calif.—Union Paving Co., Call Bldg., San Francisco, at $102,635, awarded contract by the State Division of Highways, Sacramento, for about 6.6 miles grading and surfacing with crusher run base and plant-mixed surfacing, between Westwood and Coppervale, Lassen County.

COLUSA COUNTY—5.4 MI. WIDEN & SURFACE—(State)

COLUSA CO., Calif.—Hanrahan Co., Hobart Bldg., San Francisco, at $29,939, submitted low bid to the State Highway Commission, Sacramento, for widening and surfacing with gravel and seal coat about 5.4 miles of roadway between Williams and 5.4 miles west of Williams.

The work involves:
(1) 800 M gals. water;
(2) 288 sta. finishing roadway;
(3) 20,000 cu. yds. gravel surf.;
(4) 48 tons liq. asphalt SC-2 (prime coat);
(5) 70 tons liq. asphalt 90-95 (seal coat);
(6) 65 tons sand (prime coat);
(7) 850 tons screenings (seal coat);

Total bids follow:

(A) Hanrahan Co., San Francisco $29,939.00
(B) J. A. Casson, Hayward .. 32,455.00
(C) Clausen Embleton Co., Albany 34,460.50
(D) Fredericksen & Westbrook, Lower Lake 34,555.00
(E) Claude C. Wood, Stockton 34,940.00
(F) Union Paving Co., San Francisco 43,524.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)....	$1.25	$2.00	$1.60	$1.75	$2.00	$1.50
(2)....	4.00	5.00	8.00	5.00	5.00	8.00
(3)....	1.10	1.15	1.25	1.30	1.33	1.70
(4)....	16.50	15.00	18.00	15.00	20.00	20.00
(5)....	20.00	30.00	21.00	20.00	24.00	20.00
(6)....	3.00	3.00	3.50	3.00	4.00	4.00
(7)....	4.00	4.00	3.90	4.00	4.00	4.00

LASSEN CO.—6.6 Miles Grading and Surfacing—(State)

LASSEN CO., Calif.—Union Paving Co., Call Bldg., San Francisco, at $102,635, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 6.6 miles grading and surfacing with crusher run base and plant-mixed surfacing, between Westwood and Coppervale, Lassen County.

The work involves:
(1) 330 M. gals. water;
(2) 1,400 c.y. rdwy. excav., unclass.;
(3) 410 c.y. struc. excav.;
(4) 35 c.y. ditch and channel excav.;
(5) 18,000 c.y. imported borrow;
(6) 347 sta. finishing rdwy.;
(7) 25,500 tons crusher run base;
(8) 12,900 tons mineral agg. (plant-mix surf.);
(9) 680 tons liquid asphalt ROMC-4 (plant-mix surf.);
(10) 47 tons liquid asphalt ROMC-2 (prime coat);
(11) 70 tons liquid asphalt ROMC-2 (seal coat);
(12) 760 tons screenings (do);
(13) 700 lbs. bar reinf. steel;
(14) 14 c.y. Class A Portland cement concrete (struc.);
(15) 72 l.f. 12-in. CMP;
(16) 144 l.f. 18-in. CMP;
(17) 54 l.f. 24-in. CMP;
(18) 33 each remove and reset culvert headwalls;
(19) 112 each remove and reset culvert markers.

Complete bids follow:
(A) Union Paving Co., San Francisco—$102,635.
(B) Isbell Construction Co., Reno—$110,515.
(C) A. Teichert & Son, Inc., Sacramento—$114,327.
(D) Fredericksen & Westbrook, Lower Lake—$120,861.50.
(E) George Pollock Co., Sacramento—$127,165.
(F) Heafey - Moore Co., Oakland—$129,557.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$2.00	$1.50	$2.50	$2.00	$1.50	$2.00
(2)	.60	1.00	.75	1.20	1.50	.90
(3)	2.00	1.50	1.25	1.50	2.00	1.00
(4)	2.00	1.50	1.00	1.50	3.00	1.00
(5)	.65	.80	.50	.75	.75	.70
(6)	5.00	8.00	7.50	5.00	5.00	10.00
(7)	1.50	1.40	1.89	1.90	2.20	2.00
(8)	1.80	2.50	2.26	2.40	2.50	3.00
(9)	25.00	22.00	22.00	23.00	20.00	25.00
(10)	25.00	25.50	30.00	24.00	23.00	30.00
(11)	25.00	25.50	30.00	24.00	23.00	30.00
(12)	4.50	4.00	3.25	4.00	3.00	4.00
(13)	.10	.10	.10	.07	.10	.10
(14)	35.00	35.00	40.00	40.00	30.00	30.00
(15)	2.50	2.00	2.00	1.50	1.50	2.50
(16)	3.00	2.75	2.50	2.00	2.00	3.00
(17)	4.00	3.50	4.00	3.00	3.00	4.00
(18)	15.00	10.00	15.00	10.00	10.00	10.00
(19)	1.00	2.00	1.50	2.00	1.00	2.00

BIDS OPENED

GLENN CO., Calif.—Union Paving Co., 624 Call Bldg., San Francisco, at $186,585.00, submitted low bid to the State Highway Commission, Sacramento, for about 7.4 miles grading and paving with asphalt concrete in Glenn County between Artois and Orland.

The work involves:

(1) 392 sta. clear and grub right of way;
(2) 2,450 M. gals. water;
(3) 6,500 c.y. rdwy. excav., unclass.;
(4) 850 c.y. struc. excav.;
(5) 98,000 c.y. imported borrow;
(6) 1,300 sta. yds. overhaul;
(7) 175 c.y. remove and dispose of existing concrete pavement;
(8) 12 c.y. remove and dispose of existitng concrete struc.;
(9) 392 sta. finishing rdwy.;
(10) 18,500 tons asphalt conc. (leveling course);
(11) 10,140 tons asphalt concrete, type A surface;
(12) 35 c.y. Class A Portland cement concrete (struc.);
(13) 2,000 lbs. bar reinf. steel (struc.)
(14) 636 l.f. 18-in. CMP;
(15) 148 l.f. 24-in. CMP;
(16) 546 l.f. remove, clean and relay culvert pipe;
(17) 87 l.f. remove, clean and salvage culvert pipe;
(18) 4 each move and reset headwalls
(19) 13 each guide posts;
(20) 50 each culvert markers;
(21) 40 l.f. laminated guard rail;
(22) 11.3 miles moving and resetting property fences;
(23) 2.0 miles new property fence;
(24) 3 each drive gates;
(25) 31 each monuments.

Total bids follow:

(A) Union Paving Co., S. F. $186,585.00
(B) David H. Ryan, San Diego 191,858.80
(C) J. A. Casson, Hayward.. 205,704.00

Unit bids follow:

	(A)	(B)	(C)
(1)	$10.00	$10.60	$10.00
(2)	1.00	1.56	3.00
(3)	.50	.37	.75
(4)	1.50	1.22	1.00
(5)	.50	.56	.54
(6)	.02	.01	.05
(7)	3.00	2.30	3.00
(8)	10.00	3.45	10.00
(9)	5.00	5.75	10.00
(10)	3.85	3.86	3.95
(11)	4.20	4.44	4.30
(12)	30.00	30.50	30.00
(13)	.10	.07	.10
(14)	2.50	2.30	2.00
(15)	3.50	3.00	3.00
(16)	1.00	1.15	1.50
(17)	1.00	1.15	1.00
(18)	20.00	23.00	20.00
(19)	3.00	3.45	3.00
(20)	3.00	2.30	3.00
(21)	2.00	4.61	2.00
(22)	400.00	115.00	200.00
(23)	600.00	287.50	400.00
(24)	25.00	57.50	20.00
(25)	3.00	2.30	3.00

BIDS OPENED

KERN CO., Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $84,420.80, submitted low bid to the State Highway Commission, Sacramento, for constructing crusher run base borders, surfacing roadbed with plant-mixed surfacing, and applyign road-mix surface treatment to shoulders on about 9 miles in Kern County between Bakersfield and the Mountain View School.

The work involves:

(1) 190 M. gals. water
(2) 12,440 tons crusher run base (borders);
(3) 45 tons liquid asphalt SC-2 (seal coat, borders);
(4) 105,000 sq. yds. asphaltic paint binder;
(5) 485 tons liquid asphalt MC-5 (plant mix surf.);
(6) 11,560 tons mineral aggregate (do)
(7) 260 tons liquid asphl. SC-2 (shoulders);
(8) 32,000 sq. yds. preparing, mixing and shaping shoulders.

Total bids follow:

(A) Griffith Co., Los Angeles—$84,420.80.
(B) A. S. Vinnell Co., Los Angeles—$84,962.50.
(C) Union Paving Co., San Francisco—$86,163.00.
(D) J. A. Casson, Hayward—$89,235.
(E) Oswald Bros., Los Angeles—$90,999.80.
(F) Hanrahan Co., San Francisco—$98,701.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$4.00	$2.00	$2.00	$4.00	$2.50	$1.25
(2)	2.81	2.76	2.70	2.50	3.15	3.45
(3)	10.00	9.70	15.00	15.00	9.00	10.00
(4)	.015	.02	.02	.01	.015	.01
(5)	17.00	18.00	20.00	18.00	16.00	17.50
(6)	2.74	3.01	3.00	3.50	3.23	3.55
(7)	10.00	9.70	12.00	12.50	9.00	10.00
(8)	.13	.052	.06	.10	.06	.06

BIDS WANTED

LASSEN CO., Calif.—Until September 16, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading about 14.2 miles between Thermo and Madeline in Lassen County.

The work involves:

(1) 186,000 c.y. roadway excavation, unclassified;
(2) 90,000 sta. yds. overhaul;
(3) 25 c.y. ditch and channel excavation;
(4) 400 c.y. structure excavation;
(5) 748 stations finishing roadway;
(6) 138 l.f. 18-in. CMP;
(7) 126 l.f. 24-in. CMP;....
(8) 252 l.f. 30-in. CMP;
(9) 82 l.f. 36-in. CMP;
(10) 18 ea. culvert markers;
(11) 125 ea. monuments;

NOTE: The State will furnish Corrugated Metal Pipe as more explicitly set forth in the special provisions.

Plans and specifications may be obtained from the State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the District Engineers in San Francisco, Los Angeles and Redding.

BIDS WANTED

MONO CO., Calif.—Until September 16, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading about 2.4 miles between Bridgeport and 2.4 miles northerly in Mono County.

The work involves:

(1) 18,100 c.y. roadway excavation, unclassified;
(2) 7,600 c.y. imported borrow;
(3) 10,000 sta. yds. overhaul;
(4) 500 c.y. structure excavation;
(5) 150 c.y. excavation;
(6) 392 l.f. 24-in. CMP;
(7) 138 l.f. 36-in. CMP;
(8) 54 l.f. 48-in. CMP;
(9) 0.85 mi. remove and reset existing fence;
(10) 60 l.f. clean and salvage existing CMP culvert;
(11) 14 ea. culvert markers;
(12) 131 stations finish roadway;
(13) 20 each monuments.

NOTE: The State will furnish Corrugated Metal Pipe as more explicitly set forth in the special provision.

Plans and specifications may be obtained from the State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the District Engineers in San Francisco, Los Angeles and Bishop.

CONTRACT AWARDED

SHASTA CO., Calif.—Guy F. Atkinson Co., Russ Bldg., San Francisco, at $103,728, awarded contract by the State Division of Highways, Sacramento, for about 1.8 miles grading and surfacing with road-mix surfacing on crusher run base, between Sulphur Creek and Boulder Creek Hill and at Sulphur Creek Hill, Shasta County.

CONTRACT AWARDED

SHASTA CO., Calif.—Dunn & Baker, Kalmath Falls, Ore., at $10,256, awarded contract by State Division of Highways for applying seal coat on about 12.6 miles in Shasta County, between Redding and Millville.

TUOLUMNE CO.—MOCCASIN DRAINAGE SYSTEM—City

TUOLUMNE CO., Calif.—W. J. Tobin, 586 Howard St., San Francisco, at $15,678.32, submitted low bid to the Public Utilities Commission, City Hall, under Contract No. 160, for constructing a storm water drainage system for Moccasin Diversion Works.

The work involves:

(1) 1,300 c.y. earth excavation;
(2) 700 c.y. rock do;
(3) 6 manholes, complete;
(4) 97 c.y. concrete;
(5) 13,250 lbs. reinforcing steel;
(6) 96 l.f. 18-in. CMP;
(7) 126 l.f. 18-in. cast iron pipe;
(8) 1,536 l.f. 18-in. vitrified pipe;
(9) 101 l.f. 12-in. do;
(10) 16 l.f. 10-in. do;
(11) 60 l.f. 8-in. do;
(12) 326 l.f. 6-in. do;
(13) 60 c.y. gravel or crushed rock for trench backfill;
(14) 1000 sq. ft. crushed rock pave.;
(15) 26 c.y. riprap;
(16) 290 lbs. misc. metal work installed;
(17) 100 sacks extra cement.

Total bids follow:

(A) W. J. Tobin, S. F. $15,678.32
(B) Underground Constr. Co., Berkeley 16,077.00
(C) M. J. Lynch, S. F. 17,007.00
(D) Fred J. Early, Jr., S. F. 17,598.80
(E) O. G. Ritchie, San Jose 17,980.00
(F) MacDonald & Kahn Co., Ltd., S. F. 18,665.00
(G) A. Soda & Son, Oakland 19,295.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 1.40	$1.30	$2.95	$1.95	$2.00	$1.50	$2.50
(2)	2.50	2.20	2.95	4.50	5.00	1.50	4.25
(3)	106.00	215.00	150.00	200.00	160.00	300.00	320.00
(4)	22.00	22.25	25.00	18.00	35.00	11.00	28.00
(5)	.06	.055	.065	.06	.08	.04	.065
(6)	4.12	3.50	2.50	2.50	3.00	1.50	4.50
(7)	6.00	8.00	7.00	5.30	6.00	9.00	6.50
(8)	2.25	3.00	2.25	2.40	2.00	5.55	2.40
(9)	2.00	2.00	1.50	1.50	1.00	1.00	1.35
(10)	1.80	1.90	1.00	1.10	.75	1.00	1.50
(11)	.80	1.75	1.00	1.00	.60	2.00	1.40
(12)	.80	.76	.80	.80	.50	2.00	1.00
(13)	5.00	5.00	3.85	4.00	3.50	4.00	3.30
(14)	.30	.08	.20	.25	.25	.20	.15
(15)	14.00	4.00	3.00	4.00	4.00	3.00	3.00
(16)	.20	.20	.30	.20	.25	.20	.15
(17)	1.00	.75	1.00	.75	1.50	.50	1.40

CONTRACT AWARDED

MARIN CO., Calif.—Standard Oil Co., 225 Bush St., San Francisco, at $6 per ton for 62 tons of liquid asphalt, Type SC-1A, and at $10 per ton for 142 tons liquid asphalt, 95 plus, awarded contract by the Marin County Board of Supervisors for furnishing asphalt for road work in Road District No. 3.

Identical bids were submitted by Standard Oil Co., Richfield Oil Co., and Associated Oil Co. • 29

CONTRACT AWARDED

SANTA BARBARA CO., Calif.—L. A. Brisco, Arroyo Grande, at $11,950, awarded contract by the State Division of Highways, Sacramento, for applying armor coat to existing pavement on about 4.8 miles in Santa Barbara County, between 4.8 miles east of Guadalupe and Santa Maria River.

BIDS OPENED

SAN FRANCISCO.—Piombo Bros. & Co., 1571 Turk St., at $1,585, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18967, for removing approximately 3450 cu. ft. of sand from 33d Ave. between Quintara and Rivera Sts.

Complete bids follow:

Piombo Bros. & Co.	$1,585.00
Chas. L. Harney	1,630.00
Devincenzi Bros. & Co.	2,115.00

Bids held under advisement. 29

CONTRACT AWARDED

HUMBOLDT & TRINITY COS.—Helwig Constr. Co., 115 South Main St., Sebastopol, at $22,150, awarded contract by State Division of Highways, Sacramento, for about 0.7 mile grading and removing existing timber bridges, between 3.15 and 5.25 miles east of Blue Lake and at Gray Creek, Humboldt and Trinity Counties.

CONTRACT AWARDED

MONO CO., Calif.—Isbell Constr. Co., 1300 E. Fourth St., Reno, at $221,855.60, awarded contract by the State Division of Highways, Sacramento, for about 7.6 miles grading and surfacing with bituminous treated selected material in Mono County between Conway Summit and one mile north of Bodie Road.

CONTRACT AWARDED

SOLANO CO., Calif.—A. G. Raisch Co., 1 DeHaro St., San Francisco, at $52,080.30, awarded contract by the State Division of Highways, Sacramento, for grading and surfacing with bituminous treated surfacing, plant-mixed, about 3.7 miles between the westerly Solano County boundary and Cordelia and between the County Hospital and Fairfield.

CONTRACT AWARDED

GLENN COUNTY, Calif.—N. M. Ball Sons, Box 404, Berkeley, and Larsen Bros., 5220 21st Ave., Sacramento, at $103,870.50, awarded contract by the State Division of Highways, Sacramento, for grading, surfacing with crusher run base and plant-mixed surfacing, and constructing a reinforced concrete girder bridge on about 2.8 miles between Orland and the northerly boundary of Glenn County.

BIDS WANTED

FRESNO and Tulare Cos., Calif.—Until Sept. 15, 2 P. M., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for clearing Secton A of the Fresno-General Grant Park approach road, Sequoia National Forest, Fresno and Tulare Counties.

The principal items of work involved are:

(1) 39 acres clearing;
(2) Lump sum, cleanup and selective clearing.

Plans and specifications obtainable from above office upon deposit of $10.

BIDS WANTED

SANTA BARBARA CO., Calif.—Until September 16, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and paving with asphalt concrete or natural asphalt concrete about 1.5 miles and constructing a reinforced concrete bridge between one mile north of Rincon Creek and Carpinteria.

The work involves:

(1) 81 sta. clearing and grubbing right of way;
(2) 700 M. gals. water;
(3) 28,000 c.y. roadway excavation, without classification;
(4) 395,000 sta. yds. overhaul;
(5) 30 c.y. ditch and channel excavation;
(6) 710 c.y. struct. excavation;
(7) 870 c.y. existing concrete removed and disposed of;
(8) 81 sta. finishing roadway;
(9) 19,900 sq. yds. preparing subgrade;
(10) 304 tons liq. asphalt, SC-2 (shoulders and road approaches);
(11) 20,100 sq. yds. preparing, mixing and shaping shoulders and road approaches;
(12) 144,600 lbs. bar reinf. steel;
(13) 791 c.y. Class A Portland cement concrete (structures);
(14) 13.5 c.y. Class A Portland cement concrete (railing);
(15) 1,840 l.f. furnishing reinforced concrete piles, including test piles;
(16) 52 each, driving piles, including test piles;
(17) 175 lbs. copper strips;
(18) 520 tons paved gutters and aprons;
(19) 120 l.f. 8-in. corrugated metal pipe;
(20) 258 l.f. 18-in. corrugated metal pipe;
(21) 48 l.f. 30-in. corrugated metal pipe;
(22) 236 l.f. existing culverts removed, cleaned and relaid;
(23) 279 l.f. existing culverts removed, cleaned and salvaged;
(24) 7 each, spillway assemblies;
(25) 3 each, drop inlet covers and frames;
(26) 80 l.f. laminated guard railing;
(27) 15 each, culvert markers;
(28) 41 each, guide posts;
(29) 0.2 mile property fence;
(30) 1 each, drive gate;
(31) 0.5 mile moving and resetting existing property fences;
(32) 8,450 sq. yds. asphaltic paint binder;
(33) 1 lot, miscellaneous items of work;
(34) 17 each, monuments complete in place.

ALTERNATE ITEMS

Alternative "A"

(35) 7,230 tons asphalt concrete (base and leveling course);
(36) 3,280 tons asphalt concrete (Type "A" surface course).

Alternative "B"

(37) 7,230 tons natural asphalt concrete (base and leveling course);
(38) 3,280 tons natural asphalt concrete (surface course).

NOTE: Alternative "A" sets forth the necessary items for the construction of the pavement with asphalt concrete as set forth in the standard specifications. Alternative "B" sets forth the necessary items for paving the same area with natural asphalt concrete.

Plans and specifications may be obtained from the State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the District Engineers in San Francisco, Los Angeles and San Luis Obispo.

LOW BIDDERS

COCONINO CO., Ariz.—Ken Hodgman, 714 Plymouth, Pasadena, at $73,861 submitted the low bid to the Arizona State Highway Commission at Phoenix for highway construction on the Flagstaff-Fredonia Highway, F. A. 95-J (1937) AFE 8963.

The work, which is to begin about 22½ miles northeast of Flagstaff and extend 5½ miles northeasterly, consists of the grading, draining and placing of base course, and is to be completed on or before January 15, 1937.

The principal items and approximate quantities are:

30,270 cu. yds. roadway excavation;
385 cu. yds. structure excavation;
29,850 sta. yds. overhaul;
51,800 cu. yds. imported borrow;
11,000 cu. yds. A B C;
650 hours rolling;
180 cu. yds. concrete;
13,200 lbs. reinforcing steel;
1,134 lin. ft. corrugated metal pipe of various sizes;
58,000 lin. ft. wire line fence;
550 tons stockpiling A B C.

Tanner Const. Co., Phoenix, submitted the second bid at $74,967.

TO ASK NEW BIDS

SACRAMENTO CO., Calif.—Due to a labor dispute, the State Highway Commission, Sacramento, did not open bids for surfacing with bituminous treated, plant-mixed surfacing about 1.2 miles between H Street subway and Auburn Blvd., and about 4.1 mi. surfacing with crusher run base. The project will be readvertised.

BIDS OPENED

MADERA CO., Calif. — Hanrahan Co., Hobart Bldg., San Francisco, at $31,385.00, submitted low bid to the State Highway Commission, Sacramento, for construction of borders of plant-mix surfacing and road-mix surface treatment to be applied to the shoulders on about 7.3 miles of roadway between 0.6 mile and 7.9 miles north of Madera.

The work involves:

(1) 36,000 l.f. existing side forms, removed and disposed of;
(2) 5,500 tons mineral aggregate (plant mix surf.);
(3) 300 tons liquid asphalt SC-4 (do);
(4) 43,000 sq. yds. preparing, mixing and shaping shoulders;
(5) 180 tons liquid asph. SC-4 (shoulders).

Total bids follow:

(A) Hanrahan Co., S. F.	$31,385.00
(B) Leo F. Piazza, San Jose	32,461.00
(C) Union Paving Co., S. F.	37,210.00

Unit bids follow:

	(A)	(B)	(C)
(1)	$0.015	$0.01	$0.04
(2)	3.37	3.75	4.10
(3)	19.00	17.00	20.00
(4)	.07	.07	.08
(5)	20.00	18.70	21.00

BIDS OPENED

MONTEREY COUNTY, Cal.—Granite Const. Co., Ltd., Bin No. 9, Watsonville, at $18,646 submitted low bid to the State Highway Commission at Sacramento, for surfacing with retread type surfacing and applying seal coat on portions of about 5.8 miles in Monterey County between San Ardo and King City.

The work involves:

(1) 75 tons liquid asphalt ROMC - 4 (seal coat);
(2) 685 tons screenings (seal coat);
(3) 195 tons asphaltic emulsion (retread surfacing);
(4) 3,140 tons screenings (do).

Total bids follow:

(A) Granite Const. Co., Ltd., Watsonville, $18,646.00.
(B) L. A. Brisco, Arroyo Grande, $20-229.50.

Unit bids follow:

	(A)	(B)		(A)	(B)
(1)	$22.20	$21.50	(2)	$ 3.40	$ 3.50
(3)	22.00	22.50	(4)	3.30	3.80

SHASTA CO.—1.8 Mi. Grading and Surfacing—(State)

SHASTA CO., Calif.—Guy F. Atkinson Co., Russ Bldg., San Francisco, at $103,728, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.8 miles grading and surfacing with road-mix surfacing on crusher run base, between Sulphur Creek and Boulder Creek Hill and at Sulphur Creek Hill, Shasta County.

The work involves:

(1) 19.5 acres clear and grub right-of-way;
(2) 22,600 M. gals. water;
(3) 181,000 cu. yds. roadway excavation unclass.;
(4) 1175 cu. yds. struc. excav.;
(5) 380 cu. yds. ditch and channel excavation;
(6) 607,000 sta. yds. overhaul;
(7) 17,200 cu. yds. imported selected material;
(8) 260 cu. yds. exist. concrete removed and disposed of;
(9) 94 sta. finishing roadway;
(10) 4850 cu. yds. crusher run base;
(11) 50 tons liq. asphalt SC-2 (prime coat);
(12) 2100 cu. yds. mineral aggregate (road-mix surf.);
(13) 140 tons liq. asphalt ROMC-3 or ROMC 4 (road-mix surf.);
(14) 20 tons liq. asphalt ROMC-3 or ROMC-4 (seal coat);
(15) 150 cu. yds. sand (seal coat);
(16) 69,000 lbs. bar reinf. steel (strucs)
(17) 570 cu. yds. Class A Portland cement concrete (strucs.);
(18) 126 lin. ft. 12-in. CMP;
(19) 640 lin. ft. 18-in. CMP;
(20) 96 lin. ft. 24-in. CMP;
(21) 168 lin. ft. 36-in. CMP;
(22) 34 each, culvert markers;
(23) 90 lin. ft. guard railing removed and salvaged;
(24) 30 each, monuments complete in place.

Complete bids follow:

(A) Guy F. Atkinson, San Francisco $103,728.00
(B) Fredericksen & Westbrook, Lower Lake 106,464.55
(C) D. McDonald, Sacramento 125,534.70
(D) Hanrahan Co., San Francisco 125,780.90
(E) Isbell Construction Co., Reno, Nev. 129,238.40
(F) Dunn & Baker, Klamath Falls, Ore. 133,500.50
(G) Union Paving Co., San Francisco 139,280.00
(H) Poulos & McEwen, Sacramento 140,087.10
(I) A. Teichert & Son, Inc., Sacramento 147,251.80
(J) P. L. Crooks Co., Inc., Portland, Ore. 147,763.00
(K) Geo. Pollock Co., Sacramento 149,613.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	$90.00	$100.00	$100.00	$100.00	$50.00	$100.00	$100.00	$150.00	$80.00	$100.00	$100.00
(2)	1.00	1.00	1.50	2.00	2.00	1.25	1.25	2.00	1.50	2.50	1.50
(3)	.275	.26	.355	.31	.32	.37	.40	.38	.41	.35	.40
(4)	1.00	.69	1.50	1.00	1.00	1.20	1.50	7.50	2.00	1.00	.90
(5)	1.00	1.00	1.00	.65	1.00	1.00	1.00	1.00	1.25	1.00	1.00
(6)	.004	.0075	.005	.005	.005	.01	.01	.0075	.01	.01	.02
(7)	.60	.60	.60	.60	.90	.60	.50	.70	.60	1.50	.95
(8)	3.00	2.00	3.00	2.30	2.50	2.00	5.00	1.00	2.50	1.50	3.00
(9)	5.00	8.00	7.00	7.00	10.00	7.00	5.00	7.00	7.50	5.00	10.00
(10)	1.75	1.60	2.00	2.75	2.25	2.40	2.75	2.85	2.85	1.50	2.25
(11)	15.00	14.00	16.00	20.00	18.00	18.00	17.00	25.00	21.00	30.00	18.00
(12)	2.25	2.00	2.20	3.00	3.00	3.00	2.75	3.05	3.35	3.00	2.50
(13)	20.00	21.00	21.00	28.00	25.00	24.00	25.00	25.00	25.00	30.00	24.00
(14)	20.00	21.00	23.00	28.00	25.00	26.00	25.00	30.00	30.00	30.00	25.00
(15)	2.50	2.50	3.50	3.70	3.50	2.50	4.00	3.05	4.00	2.50	3.00
(16)	.05	.06	.06	.055	.06	.06	.05	.06	.06	.06	.06
(17)	18.00	25.00	22.00	25.00	24.00	21.00	21.00	19.00	23.50	25.00	20.00
(18)	1.25	1.80	1.50	1.30	1.65	1.25	1.50	1.35	1.55	1.50	1.50
(19)	2.00	2.00	2.00	1.90	2.10	2.00	2.50	1.80	2.00	2.00	2.00
(20)	3.00	2.50	2.80	3.00	3.50	3.00	3.00	2.50	3.00	4.00	3.00
(21)	5.00	5.00	5.20	5.80	5.75	5.00	5.00	4.50	5.50	6.00	5.00
(22)	3.00	2.50	2.20	2.30	3.00	3.00	2.00	2.00	3.00	3.00	3.50
(23)	1.00	.25	.50	.20	.25	.50	1.00	1.00	.50	.50	.30
(24)	3.00	3.00	3.00	3.00	3.50	3.50	3.00	3.00	3.00	3.00	4.00

SANTA CLARA COUNTY—FIVE BRIDGES—(STATE)

SANTA CLARA CO., Calif.—Rocca & Co., Box 444, San Rafael, at $55,917, submitted low bid to the State Highway Commission, Sacramento, for constructing five bridges across Guadalupe River and overflow channels about 3.0 miles north of San Jose.

The work involves:

(1) 1,700 cu. yds. rdwy. excav.;
(2) 150 cu. yds. struc. excav.;
(3) 300 cu. yds. Class A Port. cem. conc. (pavement);
(4) 182,000 lbs. bar reinf. steel;
(5) 680 cu. yds. Class A Port. cem. conc. (strucs.);
(6) 28 cu. yds. Class A Port. cem. conc. (railing);
(7) 88 M ft. board measure Redwood timber, dense, select, all-heart, struc. grade;
(8) 39 M ft. board measure Redwood timber, select, all-heart, struc. grade;
(9) 1,950 lin. ft. furnishing reinf conc. piles, including test piles;
(10) 48 each driving reinf. conc. piles including test piles;
(11) 9,590 lin. ft. furnishing treated Douglas fir piles, including test piles;
(12) 274 each driving treated Douglas fir piles, including test piles;
(13) 1 lot misc. items of work.

Total bids follow:

(A) Rocca & Co., San Rafael—$55,917.
(B) A. J. Raisch, San Jose—$57,942.
(C) Earl W. Heple, San Jose—$58,-548.40.
(D) Carl N. Swenson, San Jose—$59,-042.25.
(E) F. O. Bohnett, Campbell—$59,-572.00.
(F) Heafey-Moore Co., Oakland—$60,-362.50.
(G) Lindgren & Swinerton, Oakland—$63,796.50.
(H) McManus & Chick, Berkeley—$64,393.30.
(I) Bundeson & Lauritzen & Delta Dredging Co., Pittsburg — $66,-273.10.
(J) A. Soda & Son, Oakland—$66,-476.50.
(K) M. B. McGowan, Inc., San Francisco—$68,433.00.
(L) Eaton & Smith, San Francisco—$69,950.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	$0.50	$0.60	$0.75	$0.65	$0.45	$0.90	$0.60	$1.00	$0.75	$1.00	$1.15	$0.63
(2)	1.50	1.70	2.50	2.00	2.50	1.50	2.00	1.50	1.50	3.00	2.20	2.60
(3)	12.00	12.00	11.00	11.65	11.00	12.00	11.50	14.50	17.50	17.00	14.50	10.00
(4)	.045	.05	.048	.048	.055	.0525	.049	.055	.0497	.0475	.06	.052
(5)	19.90	18.00	20.50	21.15	20.00	21.00	26.00	20.80	33.15	21.50	21.00	23.50
(6)	50.00	70.00	50.00	50.00	50.00	55.00	55.00	45.00	50.00	43.00	60.00	50.00
(7)	77.00	80.00	76.00	93.00	90.00	80.00	85.00	102.00	105.00	95.00	100.00	122.00
(8)	70.00	75.00	92.00	88.60	90.00	100.00	77.00	82.00	98.00	98.00	100.00	112.00
(9)	2.50	2.00	2.25	2.075	2.20	2.00	1.90	2.00	2.20	2.30	1.50	1.70
(10)	30.00	40.00	55.00	20.00	25.00	30.00	50.00	50.00	57.00	45.00	45.00	18.80
(11)	.70	.80	.71	.71	.75	.75	.75	.77	.71	.75	.50	.81
(12)	14.00	15.00	15.00	16.85	13.00	15.00	17.00	16.00	18.00	22.00	35.00	18.80
(13)	$1250.00	$1500.00	$800.00	$100.00	$1850.00	$1500.00	$1600.00	$1622.00	$1000.00	$2280.00	$2148.00	$6600.00

BIDS WANTED

SAN JOSE, Santa Clara County.—Until September 3, 5 p.m., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, San Jose, for paving and improving San Carlos St. between Market St. and the Southern Pacific R.R. viaduct near Royal Street.

Plans and specifications obtainable from the office of City Engineer W. L. Popp upon deposit of $3.00 of which amount $2.00 will be returnable.

BIDS WANTED

INYO CO., Calif.—Until September 16, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading, surfacing with salvaged surface material and applying road-mix surface treatment on about 2.3 miles, between 4 and 1.7 miles south of Fish Springs.

The work involves:

(1) 1,600 M. gals. water;
(2) 27,600 c.y. roadway excavation, without classification;
(3) 350 c.y. structure excavation;
(4) 50,000 sta. yds. overhaul;
(5) 10,000 c.y. imported borrow;
(6) 2,600 c.y. salvaged surfacing;
(7) 1,500 c.y. selected shoulder material;
(8) 120 sta. finishing roadway;
(9) 65 tons liquid asphalt, SC-2 (prime coat);
(10) 140 tons liquid asphalt, SC-3 (road-mix surface treatment);
(11) 120 sta. mixing and shaping roadbed;
(12) 24 tons asphaltic emulsion, Grade E (seal coat);
(13) 180 c.y. sand (seal coat);
(14) 300 lbs. bar reinf. steel;
(15) 10 c.y. Class A Portland cement concrete (structures);
(16) 506 l.f. 24-in. corrugated metal pipe;
(17) 24 l.f. existing corrugated metal pipe culverts removed, cleaned and salvaged;
(18) 20 each, culvert markers;
(19) 15 each, monuments complete in place.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications may be obtained from the State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the District Engineers in San Francisco, Los Angeles and Bishop.

BIDS WANTED

SAN DIEGO COUNTY, Calif.—Until Sept. 11, 2 P. M., new bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.7 miles grading and paving with Portland cement concrete in San Diego County on El Cajon Ave., San Diego, from Texas St. to Euclid Ave.

The work involves:

(1) 3 each, removing and replanting trees;
(2) 1,200 M. gals. water;
(3) 14,660 c.y. removing and disposing of existing pavement, curbs and sidewalks;
(4) 3,000 sq. yds. removing and disposing of existing asphalt concrete pavement surface;
(5) 25,600 c.y. rdwy. excav., unclass.
(6) 385 c.y. struc. excav.;
(7) 31,000 c.y. imported borrow;
(8) 66,100 sq yds. subgrade for pave.;
(9) 2,100 tons crusher run base;
(10) 5,600 tons of mineral aggregate (plant-mixed surfacing);
(11) 235 tons liquid asphalt, MC-5 or MC-extra heavy;
(12) 185 tons Grade E asph. cement (membrane seal);
(13) 26 tons emulsified asphalt (penetration type);
(14) 13,430 c.y. Class A Portland cement concrete (pavement);
(15) 650 c.y. Class A do (pavement plug);
(16) 1,075 c.y. do (curbs, gutters and sidewalks);
(17) 70 c.y. Class A White Portland cement concrete (pedestrian island curbs, and safety blocks);
(18) 17,990 each, pavement dowels;
(19) 33,300 lbs. bar reinf. steel (pave.)
(20) 2,450 l.f. 4-in. standard tile underdrain;
(21) 315 c.y. rock filling material;
(22) 4 each, pavement crossing devices, Type B-20;
(23) 45 each, adjusting existing manholes to grade.

Daley Corp., 4430 Boundary Avenue, San Diego, at $287,813 submitted the previous low bid.

Plans and specifications obtainable from the office of the State Highway Commission, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Diego.

BIDS OPENED

TULARE COUNTY, Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at $53,448.00 submitted low bid to State Highway Commission at Sacramento, for constructing borders of plant-mixed surfacing and road-mix surface treatment to be applied to shoulders on about 13.8 miles of roadway located between Kingsbury and 12.2 miles southerly and between 0.6 mile and 2.4 miles south of Goshen Subway.

The work involves:

(1) 146,000 l.f. existing side forms removed and disposed of;
(2) 10,300 tons of mineral aggregate (plant mix surf.);
(3) 550 tons liquid asphalt SC-4 (do);
(4) 81,100 sq. yds. preparing, mixing, and shaping shoulders;
(5) 170 tons liquid asph. SC-4 (shoulders).

Total bids follow:

(A) Hanrahan Co., San Francisco, $53,448.00.
(B) Union Paving Co., San Francisco $63,637.00.

Unit bids follow:

	(A)	(B)		(A)	(B)
(1)	$ .014	$ .035	(2)	$3.26	$4.00
(3)	18.00	15.00	(4)	.06	.07
		(5) 18.00	20.00		

30—RESERVOIRS & DAMS

BIDS OPENED

SAN FRANCISCO.—The Enterprise Foundry Corp., 2902 19th St., at $9,804.75 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1634, for furnishing:

(1) Cast iron pier plates, etc.;
(2) Cast iron pipe fittings, etc.

Materials for use on spillway of O'Shaughnessy Dam.

Complete bids follow:

Enterprise Foundry Corp., (1) $6,377.76; (2) $3,426.81.

Joshua Hendy Iron W'ks, San Francisco, (1) $6,349.95; (2) $3,539.08.

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES, Calif.—Thompson Construction Co., 2404 W. Seventh St., Los Angeles, at $20,284.40 ,awarded contract by Los Angeles Water and Power Commission for constructing the Mead reservoir in Griffith Park, under Spec No. X-30.

31—PIPE LINES & WELLS

CONTRACT AWARDED

LOS ANGELES, Calif. — American Concrete & Steel Pipe Co., Box 1428 Arcade Station, Los Angeles, at $197,435.25, awarded contract by Los Angeles Water and Power Commission for constructing a 36-in. steel pipe line in Sepulveda Boulevard, between Manchester and Centinela Boulevards; Spec. No. X-34.

33— WATER WORKS

BIDS OPENED

SAN FRANCISCO. — M. J. Lynch, Oakdale and Barneveld Aves., at $1,650 submitted low bid to San Francisco Public Utilities Commission for laying 6-in. cast iron mains in Lakeside Subdivision; Spec. No. 122.

The work involves:

(1) 5,150 l.f. excavation and backfill;
(2) 100 c.y. additional do;
(3) 20 sq. ft. additional asph. concrete, removed and replaced;
(4) 5,150 l.f. 6-in. bell and spigot cast iron pipe;
(5) 6,000 lbs. installed fittings, gate valves, etc.;
(6) 700 l.f. bell and spigot joints for pipe;
(7a) 300 sq. ft. asphaltic concrete repavement;
(7b) 650 sq. ft. sidewalk;
(8) lump sum, pipe and service connections to be done by the S. F. Water Dept.

Complete bids follow:

(A) M. J. Lynch, $1,650.00.
(B) W. J. Tobin, $2,152.00.
(C) Fred L. Snook, $2,456.22.
(D) E. J. Treacy, $2,746.00.
(E) P. L. Burr, $3,495.50.

All of San Francisco.

Unit prices follow:

	A)	(B)	(C)	(D)	(E)
(1)..	$ .16	$ .20	$ .255	$ .20	$ .35
(2)..	.10	.50	1.53	.10	2.00
(3)..	.35	.40	1.64	.35	.70
(4)..	.06	.07	.0778	.06	.15
(5)..	.02	.03	.014	.02	.02
(6)..	.20	.27	.19	.25	.30
(7a)..	.25	.35	.30	.10	.38
(7b)..	.10	.20	.23	.10	.25
(8)..	100.00	100.00	100.00	1000.00	100.00

33

BIDS OPENED

SAN FRANCISCO.—W. J. Tobin, 586 Howard St., at $1,093.75 submitted low bid to San Francisco Public Utilities Commission, for laying 6-in. cast iron mains in University Street and Twin Peaks Blvd.; Spec. No. 121.

The work involves:

(1) 1,480 lin. ft. excavation and backfill for 17x36-in. 6-in. pipe trench;
(2) 40 cu. yd. additional excav. and backfill;
(3) 20 sq. ft. additional pavement removed and replaced;
(4) 1,480 lin. ft. 6-in. bell and spigot cast-iron pipe;
(5) 1000 lbs. installed fittings, gate valves, etc.;
(6) 180 lin. ft. joints for pipe;
(7) 150 sq. ft. repavement;
(8) lump sum; pipe and service connections to be done by S. F. Water Dept.

Complete bids follow:

(A) W. J. Tobin, San Francisco, $1,093.70.
(B) P. L. Burr, San Francisco, $1,918.

Unit prices follow:

	(A)	(B)
(1)	$ .45	$ .75
(2)	2.50	4.50
(3)	.40	.70
(4)	.07	.25
(5)	.03	.08
(6)	.27	.30
(7)	.25	.40
(8)	100.00	100.00

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

SAN FRANCISCO.—Standard Fence Co., 440 Bay Shore, S. F., at $72.56, submitted low bid to the Department of Public Works, City Hall, under

Spec. No. 4600, for furnishing and installing 6-ft. chain link fence at Green and Montgomery Sts., San Francisco.

Complete bids follow:

Standard Fence Co.	$72.56
Kamlan Fence Co.	73.90
Anchor Post Fence Co.	77.00
Wickwire Spencer Steel Co.	83.50

Bids held under advisement. • 34

BIDS WANTED

SOUTH PASADENA, Los Angeles Co., Calif.—Until September 4, 10 a.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting at the U. S. Post Office at South Pasadena.

Plans and specifications may be obtained from above office and from the Custodian of the Building, South Pasadena.

BIDS WANTED

SAN FRANCISCO.—Until Aug. 26, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 4600, for furnishing and installing 6-ft. chain link fence at Green and Montgomery Sts., San Francisco.

Further information on application to the office of R. A. Chisholm, Supt. of Public Buildings, 484 11th St.

35— TUNNELS

BIDS WANTED

ALAMEDA-CONTRA COSTA COS., Calif.—Until September 11, 12 o'clock noon, bids will be received by Directors of Joint Highway District No. 13, Wallace B. Boggs, Chief Engineer, Supervisors Chambers, Hall of Records, Oakland, for completion of the Broadway Low-Level Tunnel. The original tunnel contract was abandoned June 13 by Six Companies of California, Inc., with work about 70 per cent completed. The contract was let May 29, 1934, on a bid price of $3,683,931. Progress payments to the date of abandonment totaled $2,170,000.

The north bore of the 2910-foot twin tunnels has been excavated a distance of 1844 feet from the west portal and 80 feet from the east portal, leaving 953 feet to finish. The south bore has been excavated 2426 feet from the west portal and 80 feet from the east portal. Concrete lining has been completed to within 150 feet of the headings in the west portion of each tunnel.

Portal buildings are 90 per cent complete and mechanical work 50 per cent.

The project is being financed with a bond issue of Joint Highway District No. 13 and a grant of 30 per cent of the cost of labor and materials from PWA.

Bids for completion will be taken as follows:

(1) 45,000 c.y. grading;
(2) 500,000 sta. yds. overhaul;
(3) 600 c.y. Class A excavation for structures;
(4) 100 c.y. Class B excavation for structures;
(5) 245,000 sq. ft. shoulders;
(6) 827,000 lbs. reinforcing steel;
(7) 140,000 lbs. structural steel;
(8) 430 c.y. Class A concrete in structures;
(9) 37,700 sq. ft. 8-in. Portland cement concrete pavement;
(10) 665,000 sq. ft. penetration oil macadam;
(11) 1,200 l.f. 6-in. concrete curbs;
(12) 945 l.f. 12-in. concrete curbs;
(13) 2,500 sq. ft. concrete gutters;
(14) 9,000 sq. ft. cement sidewalks;
(15) 9 ea. fill protectors;
(16) 1,000 l.f. CMP culvert, 8-in.;
(17) 150 l.f. CMP culvert, 12-in.;
(18) 500 l.f. CMP culvert, 18-in.;
(19) 190 l.f. reinforced concrete pipe culvert, 24-in.;
(20) 1 ea. manhole, standard top;
(21) 1 ea. manhole, inlet top;
(22) 3 ea. manholes, grating top;
(23) 2 ea. storm water inlets, Type B;
(24) 3 ea. storm water inlets, Type C;
(25) 2,100 l.f. perf. CMP underdrain, 8-in.;
(26) 2,020 l.f. Cast Iron Pipe, 6-in.;
(27) 12,000 l.f. guard rail (wood);
(28) 620 l.f. pipe handrail;
(29) 90 c.y. riprap;
(30) 46,000 lbs. metal cribbing;
(31) lump sum, tunnel construction to complete, including excavation, lining, paving, air ducts and miscellaneous items;
(32) lump sum, east and west portal ventilation buildings to complete;
(33) lump sum, complete furnishing and installing ventilation equipment;
(34) lump sum, complete furnishing and installing mechanical equipment;
(35) lump sum, complete furnishing and installing electrical equipment;
(36) lump sum, furnishing and install carbon monoxide detector and recorder;
(37) lump sum, painting, repairing imperfect work, and clean up.

Plans and specifications may be obtained from the office of Chief Engineer Wallace B. Boggs, 1448 Webster Street, Oakland, on deposit of $50, of which $40 is returnable. Prospective bidders may arrange for an inspection tour of the project at any time through the office of the chief engineer. Cost of the completion will exceed $1,500,000. •

CONTRACT AWARDED

SAN FRANCISCO.—MacDonald and Kahn Co., Ltd., Financial Center Bldg. at $444,444.44, awarded contract by the Department of Public Works, under Spec. No. 18,942, for constructing the Richmond Sewer Tunnel, between 24th Ave. at Lake St. and 41st Ave. and Fulton Street.

BIDS WANTED

CONTRA COSTA CO., Calif.—Until Sept. 8, 11 A. M., bids will be received by Contra Costa County Board of Supervisors, Martinez, for repair of tunnel on the Alameda-Contra Cos-

(1) 32,900 FBM timber;
(2) 850 lbs. miscellaneous iron.

Plans and specifications may be obtained from County Surveyor R. R. Arnold, Martinez; no deposit.

ta county line. Estimated cost, $8,390.

The work involves:

Reinforcing Bars and Mesh

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Private Building In San Francisco Reaches New High Level; August Permits, $1,699,327

August was one of the best months in recent years for privately financed building in San Francisco, according to the report filed last night with Director of Works W. H. Worden by S. J. Rosenblum, head clerk in the Central Permit Bureau. The city's permits totalled $1,699,327, the third largest monthly total of the year, but the figure includes only $90,000 of work financed with public funds

The two months exceeding the August total are July, with $2,573,209 in permits, of which $1,413,000 is for 1939 World's Fair buildings, and May with $2,339,603, including $592,000 for Exposition work.

Permits last month for frame structures, the classification covering principally residential building, amounted to $820,103, slightly higher than the July valuation and three times that of August last year.

Permits for Class C structures numbered 17, valued at $256,700, the highest total of any month in the last five years.

Alteration permits numbered 407 and are valued at $353,005, an exceptionally high total for this class of work, and the second highest monthly total of the calendar year.

Rosenblum's report for the year to date shows permits granted to a value of $12,267,632 compared with $7,498,385. The 1936 total includes $1,910,703 for structures incidental to the Golden Gate and Bay Bridge construction and the 1939 World's Fair. The 1935 total includes $1,172,622 for a portion of the Bay Bridge approach structure. The number of permits issued to date this year is 4,874, compared with 3,883 in the same period last year.

Following are the comparative classified totals for August, 1936, and a year ago:

	August, 1936		August, 1935	
Class	No. of Permits	Estimated Cost	No. of Permits	Estimated Cost
A	1	$60,000	...	.....
B	1	5,000	1	$225,000
C	17	256,700	13	23,950
Frames	174	803,445	84	340,350
Alteration	407	353,005	384	316,512
Harbor	3	131,541	1	11,448
Public	4	75,003	5	45,957
U. S. Govt.— E. Bay Br.	1	14,633	3	977,700
Total	608	1,699,327	491	$1,940,917

$85,000 Issue Approved For Dinuba School

A bond issue of $85,000 was approved by voters in Dinuba at a special election last week to make possible construction of a $150,000 high school building. The main building at the high school plant was destroyed by fire last May. The bond proceeds will be supplemented with insurance money to erect a larger building.

Plans are being prepared by Architect E. J. Kump, Fresno.

Two Sentenced For Infraction Of License Act

Heavy sentences for violation of the State Contractors' License Act were imposed on two defendants in Stockton last week by Police Judge E. E. Breitenbucher, according to Registrar of Contractors Earl Anderson.

C. G. Ward was fined $150 for contracting without a license, the registrar reported. The complaint was signed by Inspector Henry Gray Clark of the Sacramento office of the License Bureau, who declared Ward had been doing work for two large oil companies on a yardage basis.

The judge also sentenced William Lee Bohannan of Stockton to 75 days in jail in lieu of a $150 fine for an attempt to evade provisions of the license law by splitting up a contract for decorating an apartment house, the total expenditure amounting to $290.

HIGHWAY JOB TRUCK RENTAL RATES UPHELD

Rail Commission Requires Contractors To Observe Tariff For Public Works

In an important ruling yesterday on the provisions of the State Highway Carriers' Act, the State Railroad Commission held that bidders on truck rental for the State Department of Public Works must observe the minimum tariffs established by the commission.

The decision was made in an investigation conducted by Commissioner Leon O. Whitsell into the rates charged by Paul Entremont, dump truck operator of Colusa. Entremont had entered into a contract with the State Department of Public Works for highway work in Mendocino and Sonoma counties. The decision finds he charged less than the minimum rates for dump truck operators fixed by the commission and orders him to collect the additional amount from the State Department of Public Works.

In reaching its final decision, the Railroad Commission found no merit in the contention of the Department of Public Works that the contract was let under authority of the Streets and Highway Code providing for the leasing or renting of tools.

The commission decision further declared:

"The conclusion follows that the highway carriers' act is fully applicable to highway carriers engaged in transportation of property for the state."

The decision, however, points out that a highway carrier wishing to charge less than the minimum rates must first obtain authority to do so pursuant to the act. In the absence of such authority, whether or not the State is the contracting party, the legal minimum rates must be charged, the decision declared.

That the ruling may be taken to the courts has been indicated by counsel for the State Division of Highways, which intervened in the Entremont case.

SUPREME COURT DECIDES CITY WAGE COMPLAINT

Holds Millwork Sub-Contractor Exempt From Charter Works Regulation

The San Francisco city charter section covering public works contracts does not apply to production of millwork delivered to city jobs as a finished material, according to a decision of the State Supreme Court, just handed down. The decision affirms the finding of the District Court of Appeals directing that a writ of mandate issue to Controller Leonard S. Leavy to certify a claim of $3,375 from Pacific Manufacturing Company.

The petitioner was awarded a sub contract by MacDonald & Kahn Co., Ltd., for furnishing millwork for the Marina Junior High School, the finished material being delivered by Pacific Manufacturing Co. to be installed by the general contractor. Payment for the work was refused by Controller Leavy on the ground that Pacific Manufacturing Company had not complied with provisions of Section 98 of the city charter in that the prevailing wage for shop work as established by ordinance.

Pacific Manufacturing Company contended it had complied with the terms of its contract by manufacturing and delivering the millwork according to specifications. It did not and was not required to perform any work at the building site. The company denied that the work required of it was subject to Section 98 of the charter because the transaction was not a contract for "public work," but was a "purchase" expressly excluded from the provisions of this section.

In upholding the petitioner's claims, the court referred to the case of Neal Publishing Co. vs. Rolph, quoting as follows from the opinion rendered by the late Judge J. M. Seawell:

"In my opinion this contract does not provide for the doing of work for the city and county within the meaning of this provision, but simply for furnishing of certain finished articles of merchandise, which the contractor may have printed anywhere that he chooses. . . . These articles are the property of the contractor until delivered to the city and do not seem to come within this provision. No work is done for the city. It is rather like the case of furnishing structural steel for the erection of a building. The contractor simply furnishes a certain chattel for the city in a completed state, and it is not work done for the city. In this instance, it is the making and delivering to the city of this material. It is merely a chattel or merchandise delivered to the city."

State Highway Division Awards $4,127,000 Since August 1; 75 Contracts Let In Month

Award of seventeen contracts yesterday brought the total of work placed under contract by the California State Division of Highways since August 1 to $4,127,717. Seventy-five new construction and improvement awards have been made in that period, comprising one of the heaviest programs financed with regular funds ever undertaken by the division.

Work now is running near the rate of the emergency programs when the state was required to contract large government appropriations within short periods in order to absorb labor on relief rolls. Current awards are financed with state gasoline funds and the regular Federal-aid allotment for 1936-37. All emergency Federal money for highway and grade separation construction has been obligated.

Fifty-eight contracts awarded in August totalled $3,079,072. The awards include nine jobs on which the low bid price exceeds $100,000.

Largest contract of the month was taken by **George Pollock Company**, Sacramento, on a bid of $285,202. It is for 15.4 miles of grading and applying road-mix surface treatment in San Bernardino County, between the Nevada State Line and Mountain Pass.

Isbell Construction Company, Reno, was awarded 7.6 miles of grading and surfacing with bituminous treated material in Mono County, between Conway Summit and one mile north of Bodie Road. The bid price was $221,855.

Griffith Company, Los Angeles, took the largest paving contract of the list on a figure of $279,221. It is for laying asphalt concrete on 6.6 miles in San Diego County, between Del Mar and Encinitas. A contract for paving and surfacing 12 miles in Los Angeles and Orange counties, between Norwalk and Miraflores was let to **C. O. Sparks and Mundo Engineering Company**, Los Angeles, at $209,322.

Five big grading and surfacing contracts were let in Northern California counties as follows: Mendocino, between Outlet and Reeves Creeks, **Hemstreet & Bell**, Marysville, $180,546; Del Norte, between Winton Corners and Oregon State Line, **D. McDonald**, Sacramento, $131,143; Shasta, between Sulphur Creek and Boulder Creek Hill, **Guy F. Atkinson Company**, San Francisco, $103,728; Glenn, between Orland and the northerly boundary, **N. M. Ball Sons and Larsen Bros.**, $103,870; Lassen, between Westwood and Coppervale, **Union Paving Company**, San Francisco, $102,635.

$700,000 FEDERAL ROAD CONTRACTS LACK BIDDERS

Five Projects in California-Nevada Forest Highway Program Blocked

The U. S. Bureau of Public Roads will be unable to place in construction its annual forest and park highway program in California and Nevada for lack of contractors to undertake the projects, it appeared yesterday, when for the second time in a week no bids were offered on one of the Bureau's jobs. The Bureau has been unsuccessful in attempts to contract approximately $700,000 in road work.

Highway contractors apparently ignored the contract on which proposals were to have been received by District Engineer C. H. Sweetser yesterday. It is located in Tulare and Fresno counties on the Generals Highway Route. The contract is for placing a bituminous treated crushed rock base course on a section of 6.13 miles, for which approximately $100,000 is available.

Last Tuesday no bids were received by the Bureau for a $100,000 project in Elko County, Nevada.

Since the first of the year the Bureau district office has rejected bids on three contracts for which about $475,000 is programmed because the figures received were considered excessive. These contracts are for grading 2.3 miles on the Placerville-Lake Tahoe route in El Dorado County; grading and placing subgrade reinforcement on 5.5 miles on the Tioga Road in Mariposa and Tuolumne Counties, and constructing a bridge on the Tioga Road.

Due to the lateness of the season for work in the mountain areas where most of the Bureau projects are located, it is doubtful that further attempts will be made to contract the California program before next year.

Shipments of fire extinguishing motor apparatus for the first seven months of 1936 totalled 365 units, an increase of 29 per cent over the total of 276 units shipped during the same period in 1935, according to the Bureau of Census report.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1787	Doelger	Owner	4500
1788	American	Lynch	1000
1789	Villa	Owner	3500
1790	Sisters	Breuch	13400
1791	Huenegardt	Moret	3500
1792	Grannis	Owner	15000
No.	Owner	Contractor	Amt.
1793	Standard	Owner	3500
1794	Standard	Owner	3500
1795	Standard	Owner	3500
1796	Standard	Owner	3500
1797	Anza	Rousseau	8000
1798	Great	.....	3000
1799	Edmonds	Lindsay	3500
1800	Seil	Bay	4000
1801	Kerns	Mager	1840
1802	Herzig	Owner	$6,000
1803	Herzig	Owner	6,000
1804	Nelson	Owner	3,750
1805	Nelson	Owner	3,750
1806	Nelson	Owner	3,750
1807	Kenneally	Berwick	5,000
1808	Young	Owner	3,000
1809	Miller	Wilbe	5,000
1810	Doelger	Owner	4000
1811	Doelger	Owner	4000
1812	Viglizzo	Augenstein	3000
1813	Bacchi	Sterling	2700
1814	Margianti	Daly	6500
1815	Epstein	Rousseau	8000
1816	Levison	Mattock	2000
1817	Guinasso	Guinasso	4000
1818	Evers	Owner	4000
1819	Newbauer	Prout	6000
1820	Robinson	Hamilton	1000
1821	Empire	Brumfield	2900
1822	Edmonds	Lindsay	4000
1823	Sacred	Paganini	1000
1824	Schmidt	Bosch	1800

DWELLING
(1787) W 16th AVE. 167 S Ortega. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St.
Architect—Not Given. $4500

ALTERATIONS
(1788) SE COR. FIRST Street, and Howard. Alter refinery.
Owner—American Smelting and Refinery Co., 500 Howard St.
Architect—Not Given.
Contractor—M. J. Lynch, Oakdale and Barneveld. $1,000

DWELLING
(1789) W 35th AVE. 125 N Rivera. One - story and basement frame dwelling.
Owner—Villa Moret, Inc., 1006-8 Claus Spreckels Building.
Architect—Not Given. $3500

ALTERATIONS
(1790) 783 ASHBURY. Alter chapel.
Owner—Sisters of Perpetual Adoration, 783 Ashbury.
Architect—J. J. Foley, 770 5th Ave.
Contractor—Michael Bruech, 1200 Bayshore Blvd. $13,400

DWELLING
(1791) W 35th AVE. 100 N Rivera. One - story and basement frame dwelling.
Owner—D. G. Huenergardt, 120 Montalvo.
Architect—Not Given.
Contractor—Villa Moret, Inc., 1006-8 Claus Spreckels Bldg. $3500

DWELLING
(1792) NE COR. JACKSON and Locust. Two - story and basement frame dwelling.
Owner—Fred. R. Grannis, 2230 Sacramento
Architect—F. E. Amandes, 414 Dewey Blvd. $15,000

DWELLING
(1793) E 44th AVE. 25 N Lawton. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1794) E 44th AVE. 50 N Lawton. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1795) NE COR 44th AVE & Lawton. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1796) E 44th AVE 75 N Lawton. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(1797) SW COR. MARINA Blvd. and Baker. Two-story and basement frame dwelling.
Owner—Anza Home Const. Co., 21 Kearny Street.
Architect—A. H. Larsen, 333 Kearny.
Contractor—Oliver M. Rousseau, 321 Kearny St. $8,000

ALTERATIONS
(1798) 630 JACKSON Street. Alter theatre.
Owner—Great China Theatre Co., 630 Jackson Street.
Architect—Not Given. $3,000

DWELLING
(1799) W 43rd AVE. 75 S Clement. One - story and basement frame dwelling.
Owner—J. W. Edmonds, 677 43rd Ave.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford Street. $3,500

DWELLING
(1800) W 23rd AVE. 100 S Kirkham. One - story and basement frame dwelling.
Owner—B. W. Seil, 1359 Hayes St.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Bay Cities Bldg. Co., 160 Russ Street. $4,000

ALTERATIONS
(1801) E 19th AVE. 125 S Ulloa. Alter dwelling.
Owner—B. R. and C. J. Kerns, 2534 19th Avenue.
Architect—Not Given.
Contractor—Mager Bros. & Son, 1359 Fourth Avenue. $1840

DWELLING
(1802) E GOLETA. COR SLOAT. 1-story and basement frame dwelling.
Owner and Builder—A. J. Herzig, 700 Sloat Blvd.
Plans by D. E. Jaekle, 126 Post St. $6000

DWELLING
(1803) W. GOLETA. COR SLOAT. 1-story and basement frame dwelling.
Owner and Builder—A. J. Herzig, 700 Sloat.
Plans by D. E. Jaekle, 126 Post St. $6000

DWELLING
(1804) S. DEMING, 180 E CLAYTON. 1-story and basement frame dwelling.
Owner and Builder—Fernando Nelson and Sons.
Architect—Not Given. $3750

DWELLING
(1805) S. DEMING, 210 E CLAYTON. 1-story and basement frame dwelling.
Owner and Builder—Fernando Nelson
Owner and Builder—Fernando Wilson and Sons, 2901 19th Ave.
Architect—Not Given. $3750

DWELLING
(1806) S. DEMING, 240 E CLAYTON. 1-story and basement frame dwelling.
Owner and Builder—Fernando Nelson and Sons, 2901 19th Ave.
Architect—Not Given. $3750

DWELLING
(1807) S. DARIEN WAY, 150 E MANOR DRIVE. 1-story and basement frame dwelling.
Owner—O. Kenneally, % Architect.
Contractor—A. Berwick, 1525 Noe St.
Plans by F. Frederic Amandes, 414 Dewey Blvd. $5000

DWELLING
(1808) S. MORAGA, 86 W 10th AVE. 1-story and basement frame dwelling.
Owner and Builder—W. R. Young, 3615 Divisadero.
Architect—Not Given. $3000

DWELLING
(1809) W. CASITAS, 60 N BAXTER ALLEY. 1-story and basement frame dwelling.
Owner—C. G. Miller, % Contractor.
Contractor—A. J. Wilbe, 850 Ulloa.
Plans by C. O. Clausen, 746 46th Ave. $5000

DWELLING
(1810) W SIXTEENTH AVE. 98 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1811) W SIXTEENTH AVE. 65 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

FLATS
(1812) N BRAZIL ST. 60 E Naples. One-story frame flats.
Owner—L. Viglizzo, 397 Naples St., San Francisco.
Architect—Not Given.
Contractor — A. E. Augenstein, 132 Judson St. $3000

STORE
(1813) W FILLMORE ST. 100 S Chestnut St. Class C store.
Owner — Margarita Bacchi, 2249 Greenwich St., San Francisco.
Architect—Sterling Concrete Co., 735 Baker St., San Francisco. $2700

DWELLING
(1814) NE GOETTINGEN AND Silliman Streets. One-story and basement frame dwelling.
Owner—G. L. Margianti, Colma.
Architect — Charles Strothoff, 2274 15th St., San Francisco.
Contractor—D. Daly, Daly City. $6500

DWELLING
(1815) N FRANCISCO ST. 218 E Polk St. Two-story and basement frame dwelling.
Owner—Elliot M. Epstein, % Contractor.
Architect — Vincent Buckley, 525 Market St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., S. F. $8000

ALTERATIONS
(1816) NO. 100 LOCUST STREET. Alter dwelling.
Owner—G. Levison, Premises.
Architect—A. McSweeney, 604 Mission St., San Francisco.
Contractor—A. F. Mattock Co., 212 Clara St., S. F. $2000

DWELLING
(1817) W TWENTY-SIXTH AVE. 75 S Rivera St. One-story and basement frame dwelling.
Owner—Ethel Guinasso, 4021 California St., San Francisco.
Architect—Not Given.
Contractor—S. A. Guinasso, 4021 California St., $4000

DWELLING
(1818) W EIGHTEENTH AVE 200 N Taraval St. One - story and basement frame dwelling.
Owner — Kenneth Evers, 97 San Pablo Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(1819) SE MAYWOOD DRIVE 567 NW El Verano Way. Two-story and basement frame dwelling.
Owner — M. A. and John C. Newbauer, 749 Cayuga Ave., S. F.
Architect—Harold Stoner, 41 Sutter St., San Francisco.
Contractor—J. Prout, 2530 Fillmore St., San Francisco. $6000

ALTERATIONS
(1820) NO. 2275 CHESTNUT ST. Alter store.
Owner—M. H. Robinson, 2277 Chestnut St., San Francisco.
Architect—Not Given.
Contractor — Hamilton Constr. Co., Ltd., Hearst Bldg. $1000

ALTERATIONS
(1821) SE WEST PORTAL AND Vicente St. Alter theatre.
Owner—Empire Theatre, Prem.
Architect—Not Given.
Contractor—Brumfield Electric Co., 965 Folsom St., San Francisco. $2900

DWELLING
(1822) W TWENTY-EIGHTH AVE. 175 S Geary St. One-story and basement frame dwelling.
Owner—J. W. Edmonds, 677 43rd Ave., San Francisco.
Architect—Not Given.
Contractor — Boyd C. Lindsay, 183 Oxford St., S. F. $4000

ALTERATIONS
Alter dwelling.
Owner — Sacred Heart Academy, Premises.
Architect—H. A. Minton, 525 Market St., San Francisco.
Contractor—D. Paganini, 2700 Jackson St., San Francisco. $1000

ALTERATIONS
(1824) SECOND AND BRYANT Sts. Alter print shop.
Owner — Schmidt Lithograph Co., Premises.
Engineer — Jesse Rosenwald, 525 Market St., San Francisco.
Contractor — Hermann Bosch, 2075 Folsom St., S. F. $1800

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
No.	Owner	Contractor	Amt.
No.	Owner	Contractor	Amt.
1327	Windsor	Windsor	$9000
1328	Piedmont	Piedmont	32,000
1329	Piedmont	Piedmont	32,000
1330	Windsor	Windsor	9500
1331	Thompson	Owner	5250
1332	Wheeler	Owner	$1,200
1333	Ross	Peshel	8,000
1334	Standard	Owner	4,500
1335	Harch	Franzen	1,500
1336	Harrison	Owner	1,250
1337	Leeman	Dolan	4,000
1338	Walker	Owner	6,000
1339	Strickler	Becker	9000
1340	Bennett	Franzen	6950
1341	Jameson	Wheeler	2000
1342	Golden	Owner	1200
1343	Fisher	Christensen	3900
1344	Lincoln	Wiser	5000
1345	Bradley	Snyder	5200
1346	Railway	Kelly	19165
1347	Mills	Brown	46000
1348	Brode	Coats	5000
1349	Harris	Vila	3000
1350	Leekins	Owner	4250
1351	DeMars	Owner	2500
1352	Mallica	Cisero	6000
1353	Hubbard	Owner	5000
1354	Hatchel	Strang	2000
1355	Shean	Beckett	1500
1356	Lesser	Muller	2000
1357	Lemeker	Early	1000
1358	Bascos	Owner	2000
1359	Cavagna	Owner	3500
1360	Muther	Owner	5000
1361	McDonald	Owner	4300
1362	American	Fitzmaurice	2000
1363	Dolan	Rose	1000
1364	University	Owner	2000
1365	Brushini	Fleming	5500
1367	Scammell	Owner	5000
1368	Gardner	Petersen	5000
1366	Drue	Owner	3000
1371	Carrey	Lynn	1000
1372	Colombo	Passarino	1000
1373	Sylvestre	Armstrong	12000
1374	HcFadden	Owner	6000
1375	Nelson	Pearson	2200
1369	Duarte	Alpine	1200
1370	Baish	Griffith	2850
1376	Shaw	Griffith	2800
1377	Reininghaus	Owner	3500

DWELLING
(1327) 7 SHARON AVE., PIEDMONT 2-story 7-room residence & garage.
Owner—Martha Windsor, 928 Kingston Avenue.
Architect—Not Given.
Contractor—Geo. Windsor, 928 King-
SCHOOL BUILDING
(1328) 320 BONITA AVENUE, PIEDMONT. School building.
Owner—Piedmont Unified School District, 800 Magnolia Ave.
Architect—John J. Donovan, 950 Parker St., Berkeley.
Contractor—Piedmont Board of Education and WPA. $32,000

SCHOOL BUILDING
(1329) 303 WILDWOOD AVE., PIEDMONT. School building.
Owner—Piedmont Unified School District, 800 Magnolia Avenue.
Architect—John J. Donovan, 950 Parker St., Berkeley.
Contractor—Piedmont Board of Education and WPA. $32,000

DWELLING
(1330) 11 SHARON AVE., PIEDMONT. 2-story 8-room frame residence and garage.
Owner—Martha Windsor, 928 Kingston Ave.
Architect—Not Given.
Contractor — George Windsor, 928 Kingston Avenue. $9500

DWELLING
(1331) 80 OAKMONT, PIEDMONT. 1-story 6-room res. and garage.
Owner—Ross Thomson, 84 Oakmont Avenue.
Architect—Not Given.
Contractor—Owner. $5250

SHED
(1332) FT. of 9th AVE., OAKLAND. 1-story shed.
Owner and Contractor — Chas. S. Wheeler, Jr., 950 Russ Bldg., San Francisco.
Architect—Not Given. $1200

DWELLING
(1333) 1511-15 LEIMERT BLVD., OAKLAND. 2-story 10-room 2-family dwelling.
Owner—H. L. Ross, Prem.
Contractor—C. O. Peshel, 4276 Fruitvale Ave.
Architect—F. H. Slocombe. $8000

SERVICE STATION
(1334) 2301 FOOTHILL BLVD., OAKLAND. 1-story steel service station.
Owner and Contractor—Standard Oil Co., 1201 Financial Center Bldg.
Architect—Not Given. $4500

ADDITION
(1335) 2260 82nd AVE., OAKLAND. Addition.
Owner—W. G. Harch, Prem.
Contractor—C. H. Fronzen, 883 54th St.
Architect—Not Given. $1500

ALTERATIONS
(1336) 6818 BALSAM WAY, OAKLAND. Alteration and addition.
Owner and Contractor—Harrison J. Kalb, Prem.
Architect—Not Given. $1250

DWELLING
(1337) 10826 BEVERLY PL., OAKLAND. 1-story 5-room dwelling.
Owner—Alice C. Leeman, Prem.
Contractor—Leo J. D. Dolan Co., 1108 Mandana Blvd.
Architect—Not Given. $4000

DWELLING
(1338) 585 GRIZZLY PEAK BLVD., OAKLAND. 2-story 6-room frame dwelling and garage.
Owner and Contractor—J. M. Walker, 1706 Grove.
Architect—Not Given. $6000

DWELLING
(1339) 605 BLAIR, PIEDMONT. Two-story 8-room residence and garage.
Owner—L. H. Strickler, 411 Pala Ave, Piedmont.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
Contractor—A. T. Beckett, 244 Scenic Avenue. $9,000

DWELLING
(1340) 5424 MASONIC AVE., OAKLAND. One-story 6-room dwelling.
Owner—B. J. Bennett, 488 35th St., Oakland.
Architect—Not Given.
Contractor—Carl H. Franzen, 883 54th St., Oakland. $6950

ALTERATIONS
(1341) 1727 BROADWAY, OAKLAND. Alterations.
Owner—Jameson, Towne, Willobhy Co.
Architet—K. Ponsford.
Contractor—W. J. Wheeler, 4001 Elston Ave., Oakland. $2000

MEZZANINE
(1342) SW COR. 17th and Kirkham Sts., OAKLAND. Mezzanine floor.
Owner and Contractor—Golden West Brewing Company.
Architect—Not Given. $1200

ALTERATIONS
(1343) 6901 FOOTHILL BLVD., OAKLAND. Alter offices.
Owner—Fisher Body Company.
Architect—Not Given.
Contractor—H. J. Christensen, 1955 Webster St., Oakland. $3900
Also alter stair and shaft, $2,000, and roof, $300.

DWELLING
(1344) 906 ARLINGTON, BERKELEY. Two - story 8-room frame dwelling and garage.
Owner—H. Lincoln, 1296 San Pablo Ave., Berkeley.
Architect—Not Given.
Contractor—G. Wiser, 1252 Spruce St. Berkeley. $5,000

DWELLING
(1345) 757 HILLDALE, BERKELEY. One - story 6-room frame dwelling and garage.
Owner—L. P. Bradley, 964 Euclid, Berkeley.
Architect—E. L. Snyder, Berkeley.
Contractor—J. S. Rich, 556 37th St., Oakland. $5200

TERMINAL
(1346) 4095 PIEDMONT AVE., OAKLAND. One-story concrete railway terminal.
Owner—Railway Equipment & Realty Co., 22nd and Grove Sts., Oakland
Architect—Kent & Hass, Underwood Bldg., San Francisco.
Contractor—Kelly & Tulloch, 335 8th St., Oakland. $19,165

HOME
(1347) 51 NINTH ST., OAKLAND. Two-story 30-room concrete home
Owner—Mills College, Oakland.
Architect—W. H. Ratcliff, 310 American Trust Co. Bldg., Berkeley.
Contractor—J. G. Brown, Mills College. $46,000

DWELLING
(1348) 7 WEST PARNASSUS COURT . BERKELEY. Two-story 7-room frame dwelling and garage.
Owner—Robert Brode.
Architect—Not Given.
Contractor—P. L. Coats, 2837 Foothill Blvd., Oakland. $5,000

ALTERATIONS
(1349) NO. 734-736 WESLEY AVE., OAKLAND. Alterations.
Owner—J. H. Harris.
Architect—Not Given.
Contractor — Joe Vila, 1207 Solano Ave., Albany. $3000

DWELLING
(1350) NO. 6515 MORAGA ROAD, OAKLAND. Two-story six-room dwelling and one-story frame garage.
Owner—C. W. Leekins, 4481 Moraga Road, Oakland.
Architect—Not Given. $4250

STORE BLDG.
(1351) NO. 700 FRUITVALE AVE., OAKLAND. One-story 2-room store building.
Owner—Wm. De Mars, 2339 Bartlett St., Oakland.
Architect—Not Given. $2500

DWELLING
(1352) NO. 583 FIFTY-SEVENTH St., OAKLAND. One-story six-room dwelling.
Owner—Joe Mallica, 630 58th Street, Oakland.
Architect—Not Given.
Contractor—John Cisero, 474 42nd St., Oakland. $6000

DWELLING
(1353) NO. 55 MARYLAND ST., BERKELEY. Two-story 6-room frame dwelling and garage.
Owner—J. F. Hubbard, 5412 Proctor Ave., Oakland.
Architect—Not Given. $5000

ALTERATIONS
(1354) NO. 559 CROFTON AVENUE OAKLAND. Alterations.
Owner—G. M. Hatchel.
Architect—Not Given.
Contractor—V. N. Strang, 1521 Ninth St., Alameda. $2000

ALTERATIONS
(1355) NO. 6389 FLORIO ST., OAKLAND. Alterations and additions
Owner—R. Shean, 6050 Rockwell.
Architect—Not Given.
Contractor — A. T. Beckett, 224 Scenic Ave., Oakland. $1500

REPAIRS
(1356) NO. 1219 WASHINGTON ST., OAKLAND. Fire repairs.
Owner—Lesser Bros., 1219 Washington St., Oakland.
Architect—Not Given.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland. $2000

REPAIRS
(1357) NO. 453 McANLEY STREET OAKLAND. Fire repairs.
Owner—F. Lemeker, Premises.
Architect—Not Given.
Contractor — Fred J. Early Jr., 366 40th St., Oakland. $1000

ALTERATIONS
(1358) NO. 17 DULWICH WAY, OAKLAND. Alterations and addition.
Owner—J. E. Bascos, Prem.
Architect—Not Given. $2000

DWELLING
(1359) NO. 643 FORTY-FIFTH ST., OAKLAND. One-story 5-room dwelling.
Owner—Chas. M. Cavagna.
Architect—Not Given. $3500

DWELLING
(1360) NO. 80 SHERIDAN ROAD, OAKLAND. One-story 6-room dwelling.
Owner—G. W. Muther, 5519 Thomas St., Oakland.
Architect—Not Given. $5000

DWELLING
(1361) NO. 3229 ARDLEY AVENUE, OAKLAND. One-story 6-room dwelling.
Owner—A. A. McDonald, 3136 Rawson St., Oakland.
Architect—Not Given. $4300

ALTERATIONS
(1362) E SAN PABLO AVE., bet. 14th and 16th Sts., OAKLAND. Sidewalk alterations.
Owner—American Trust Co., 14th & San Pablo Ave., Oakland.
Architect—Not Given.
Contractor—J. H. Fitzmaurice, 2857 Hannah St., Oakland. $2000

REPAIRS
(1363) NO. 1821 ELEVENTH ST., OAKLAND. Fire repairs.
Owner—W. F. Dolan, 1821 11th St., Oakland.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1000

BUILDING
(1364) NO. 1899 JACKSON ST., OAKLAND. One-story tile bldg.
Owner—University Club.
Architect—Not Given. $2000

DWELLING
(1365) NO. 3324 STORER AVENUE, OAKLAND. One-story 6-room dwelling.
Owner—Robert Brushini, 2944 Eastman Ave., Oakland.
Architect—Not Given.
Contractor—John Fleming, 2712 14th Ave., Oakland. $5500

DWELLING
(1366) NO. 3864 ENOS STREET, OAKLAND. One-story six-room dwelling.
Owner—Ray Drue, 1515 Hopkins St., Oakland.
Architect—Not Given. $3000

DWELLING
(1367) NO. 2500 CASTELLO ST., OAKLAND. One-story 6-room dwelling.
Owner—J. M. Scammell, 3161 Fruitvale Ave., Oakland.
Architect—Not Given. $5000

DWELLING
(1368) NO. 5701 WALNUT STREET OAKLAND. One-story five-room dwelling.
Owner — D. E. Gardner, 3509 Oak Knowl, Oakland.
Architect—Not Given.
Contractor—J. B. Petersen. $5000

ALTERATIONS
(1369) NO. 2641 INYO ST., OAKLAND. Alterations.
Owner — Manuel Duarte, 2641 Inyo St., Oakland.
Architect—Not Given.
Contractor—Alpine Wood & Supply Co., 2846 Shattuck Ave., Oakland. $1200

DWELLING
(1370) NO. 1944 105TH AVE., OAKland. One and one-half-story 5-room dwelling.
Owner—A. R. Baish, 1651 Fruitvale Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Griffith, 1531 7th Ave., Oakland. $2850

ALTERATIONS
(1371) NO. 682 FORTY-SECOND St., OAKLAND. Alterations.
Owner—E. J. Carrey Jr., 3870 San Pablo Ave., Oakland.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland. $1000

ADDITION
(1372) NO. 4915 BROADWAY, OAKLAND. Addition.
Owner—Colombo Club, Premises.
Architect—Not Given.
Contractor — John Passarino, 1147 55th St., Oakland. $1000

DWELLING
(1373) NO. 6024 MARGARIDO DR., OAKLAND. One-story 5-room dwelling.
Owner—E. E. Sylvestre.
Architect—Robert Stanton.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $12,000

DWELLING
(1374) NO. 2843 SYLHOWE ROAD, OAKLAND. Two and one-half-story 8-room dwelling.
Owner—F. W. McFadden, 2242 Seminary Ave., Oakland.
Architect—Not Given. $6000

ALTERATIONS
(1375) NO. 676 FAIRMOUNT AVE. OAKLAND. Alterations.
Owner—Mr. Nelson, 960 60th Street, Oakland.
Architect—Not Given.
Contractor — L. Pearson, 3027 Capp St., Oakland. $2200

DWELLING
(1376) NO. 1938 105TH AVENUE, OAKLAND. One-story 5-room dwelling.
Owner — P. Shaw, 1651 Fruitvale Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Griffith, 1531 7th Ave., Oakland. $2800

DWELLING
(1377) NO. 1498 SAN LORENZO St., BERKELEY. One and one-half-story six-room frame dwelling and garage.
Owner—B. Reininghaus, 111 El Camino Real, Berkeley.
Architect—Not Given. $3500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
105	Kerns	Magor	1840
106	Samuels	Jacks	1547
107	Samuels	Jacks	8000
108	Schlect	Perkins	5600
109	Federated	Mc'Sheehy	8311
110	Scardigli	D'Amico	7500
111	Boeken	Lindgren	8330
113	Suppo	Cuthbertson	6533
114	Epsteen	Rousseau	11175
115	La Societe	Jensen	3680

ALTERATIONS
(105) 2534 19th AVE. Alter dwelling.
Owner—Bernard R. & Clara J. Kerns, 2534 19th Ave.
Architect—Not Given.
Contractor—Magor Bros. & Sons, 1359 Fourth Avenue.
Filed and Dated, Aug. 27, 1936.
Payments not given.
TOTAL COST, $1840.00
Specifications filed.

ALTERATIONS
(106) 883 MARKET St. Alter jewelry store.
Owner—Albert S. Samuels Co., 879 Market Street.
Architect—Wm. I. Garren, 233 Post.
Contractor—Jacks & Irvine, 620 Market Street.
Filed and Dated, ...
Last of each month.....75%
Usual 35 days.....25%
TOTAL COST, $1547.00
Additional $1000 if finished Sept. 27.
Bond, $1547. Sureties, Pacific Indemnity Co. Limit, 35 days.

ALTERATIONS
(107) 883 MARKET S. Alter jewelry store.
Owner—Albert S. Samuels Co., 879 Market Street.
Architect—Wm. I. Garren, 233 Post.
Contractor—Jacks & Irvine, 620 Market Street.
Filed, Aug. 27, '36. Dated Aug. 24, '36
10th of each month.....75%
Usual 35 days.....25%
TOTAL COST, $8,000.00
Forfeit, $25. Limit, 35 days.

DWELLING
(108) N CUMBERLAND 230 W Sanchez W 25 N 114 E 25 S 114. One-story and basement frame dwelling.
Owner—George H. Schlict.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—E. W. Perkins, 510 Stockton Street.
Filed, Aug. 28, '36 Dated, Aug. 10, '36
Frame up $1400
Brown coated 1400
Completion 1400
Usual 35 days..... 1400
TOTAL COST, $5600
Limit, 90 days. Plans and specifications filed.

ALTERATIONS
(109) 75 FOLSOM ST. Alter office.
Owner — Federated Metals Corp., 75 Folsom Street.
Engineer—Victor B. Seidel, 500 Howard Street.
Contractor—James B. McSheehy, 137 Clifford Terrace.
Filed, Aug. 28, '36. Dated, Aug. 26, '36
End of each week.....75%
Usual 35 days.....25%
TOTAL COST, $8,311
Limit, 60 days. Plans and specifications filed.

DWELLING
(110) N UNION 74 E Franklin E 50 N 117 W 50 S 117. One-story frame dwelling.
Owner—Guido and Novena Scardigli.
Architect—Not Given.
Contractor—Tony D'Amico, 2345 Polk.
Filed, Aug. 28, '36. Dated Aug. 26, '36
Roof on $1,875
Brown coated 1,875
Completion 1,875
Usual 35 days..... 1,875
TOTAL COST, $7,500
Bond, $3,750. Sureties, Pilade Carmigmiani and Giuseppe Polati. Plans and specications filed.

DWELLING
(111) LOT 6 BLK 1138. One-story and basement frame dwelling.
Owner—F. Boeken, 110 Sutter Street.
Architect—Geo. E. Ralph, 110 Sutter.
Contractor — Albin C. Lindgren, 346 Lowell Street.
Filed, Aug| 29, '36. Dated, Aug. 24, '36
Roof on $2082.50
Brown coated 2082.50
Completed 2082.50
Usual 35 days..... 2082.50
TOTAL COST, $8,330.00
Bond, $4165. Sureties, C. C. Reinhart and G. Johnson. Limit, Dec. 15. Plans and specifications filed.

APARTMENTS
(112) NE SACRAMENTO AND Gough Sts. Concrete and cement work on six-story apartments.
Owner—W. Props, 1850 Gough Street, San Francisco.
Architect — H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Mission Concrete Constructors, 272 Turk St., S. F.
Filed Aug. 31, '36. Dated Aug. 28, '36
Footings poured $3146
Concrete poured on 1st story.. 3500
Concrete poured on 3rd story.. 2500
Concrete poured on 5th story.. 2500
Fire wall poured..... 3000
35 days after fire wall..... 4882
Basement and sidewalk done.. 1472
TOTAL COST, $21,000
Bond, $10,500. Surety, The Fidelity & Casualty Co. of New York. Forfeit, plans and specifications none.

DWELLING
(113) NO. 2423 & 2425 POLK ST. Plumbing, heating and stairs in dwelling.
Owner—Jules Suppo, 2425 Polk St., San Francisco.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor — Thos. A. Cuthbertson, 430 Noriega St., San Francisco.
Filed Aug. 31, '36. Dated Aug. 28, '36.
Frame up and rough plumbing in $1630
Building enclosed and brown coated 1630
When completed 1630
Usual 35 days..... 1643
TOTAL COST, $6533
Bond, limit, forfeit, none. Plans and specifications filed.

DWELLING
(114) N FRANCISCO ST. 218 E Polk St. All work for two-story frame dwelling.
Owner—Elliot M. and Mildred Epsteen, 2865 Union St., S. F.
Architect—Vincent Buckley, 525 Market St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Filed Aug. 31, '36. Dated Aug. 31, '36.
Frame up $2793.75
Brown coat plaster on..... 2793.75
When completed 2793.75
Usual 35 days 2793.75
TOTAL COST, $11,175
Bond, $11,175. Sureties, Oliver M. Rousseau and Elsie Rousseau. Limit, 120 days. Forfeit, none. Plans and specifications filed.

ELEVATOR SHAFT
(115) GEARY ST. & SIXTH AVE. All work for elevator shaft for French Hospital.
Owner—La Societe Francaise Bienfaisance Mutuelle, Premises.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.
Filed Sept. 1, '36. Dated Aug. 26, '36.
Roof sheathing on.....1500
When completed 1260
Usual 35 days..... 920
TOTAL COST, $3680
Bond, $1840. Sureties N. P. Anderson and James Ringrose. Limit 40 days. Forfeit, $5 per day. Plans and specifications filed.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
111	Union	Early	245
112	Holloday	Van	7800
113	Fair	Soda	4830
114	Railway	Holyoak	2350

FOUNDATION
(111) BELLEVUE and Grand Aves., Oakland. Service station foundation.
Owner—Union Oil Co., Mills Bldg.
Architect—Not Given.
Contractor — Fred J. Early, Jr., 364 Pine St., San Francisco.
Filed and Dated, ...
Usual 35 days $245.00
TOTAL COST, $245.00
Limit, 35 days. Plans and Specifications filed.

ALTERATIONS
(112) 1749-51 BROADWAY, Oakland. Alterations and additions.
Owner—E. B. and Caroline H. Holladay.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—W. K. Van Bokkelin, 354 Hobart St., Oakland.
Filed, Aug. 26, '36. Dated, Aug. 25, '36.
Completion 75%
Usual 35 days.....25%
TOTAL COST, $7800.00
Bond, $7800 Sureties Glens Falls Indemnity Co. Limit, 45 days.

DISTRIBUTION SYSTEM
(113) TRACT 515, Piedmont. Underground distribution system for electricity and telephone conduit system.
Owner—Albert A. Fair, Inc.
Architect—Not Given.
Contractor—Soda & Son, Mt. Blvd. and Sacramento, Oakland.
Filed, Aug. 26, '36. Dated, Aug. 28, '36
Payments not stated.
TOTAL COST, $4830.00
Bond, $2415. Sureties, Maryland Casualty Co. Plans and Spec .filed.

COACH TERMINAL
(114) W SIDE CASTRO ST. near Pinedale Court. Hayward motor coach terminal.
Owner—Railway Equipment & Realty Co., Ltd., 2129 Grove St., Oakland.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—A Holyoak, 2839 East Avenue, Hayward.
Filed, Aug. 26, '36. Dated, Aug. 24, '36
Monthly payments of.....75%
Usual 35 days.....25%
TOTAL COST, $2350.00
Bond, $2350. Sureties, Fidelity & Casualty Co. Forfeit, $10 per day. Limit 35 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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3.—Churches
4.—Factories and Warehouses
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7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
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Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Specifications Being Written
APARTMENT Cost, $25,000
OAKLAND, Alameda Co., Calif. Oakmore Highlands. (Clemens Road.)
Two-story frame and stucco apartment building (four 5-room apts.), oak floors, hot water heating system with oil-burning equipment, insulation, linoleum and oak floors, electric ranges, etc.
Owner—Daniel Stower, Sacramento.
Plans by Irwin M. Johnson, 2215 7th Ave., Oakland.
Bids will be asked within one week.

Preparing Working Drawings
APARTMENTS Cost, $13,000
OAKLAND, Calif. Park Blvd. and Ivy Drive.
Two-story frame and stucco apartment buildings (two 4-room and one 5-room apartments), shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Howard.
Architect—Irwin M. Johnson, 2215 7th Ave., Oakland.

Contract Awarded.
APARTMENTS Cost, $15,000
BURLINGAME, San Mateo Co., Cal. El Camino Real.
Two-story frame and stucco apartment building.
Owner — Wetstone & Keam, 1501 Forest View, Burlingame.
Architect—Not Given.
Contractor—Aetna Constr. Co., 238 Arleta St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN JOSE, Santa Clara Co., Calif. No. 400 N. Third Street.
Alterations to apartment building.
Owner—A. P. Fredericksen, 395 No. Third St., San Jose.
Architect—Not Given.
Contractor — Rollie Williams, 1497 Shasta Ave., San Jose.

Cement and Concrete Contracts Awarded
APARTMENTS Cost, $150,000
SAN FRANCISCO. NE Gough and Sacramento Streets.
Six-story Class C reinforced concrete apartment building (steam heating system, wood sash, two elevators, electric refrigeration, hardwood floors, tile baths and showers).
Owner and Builder—W. Props, 1850 Gough Street.
Architect—H. C. Baumann, 251 Kearny Street.
Engineer — R. H. Mathewson, 2669 Shasta Road, Berkeley.
Cement & Concrete—Mission Concrete Co., 272 Turk St.—$21,000.

3— CHURCHES

Contract Awarded
ALTERATIONS Cost, $15,000
SAN FRANCISCO, Calif. 783 Ashbury Street.
Alterations to chapel.
Owner—Sisters of Perpetual Adoration, 783 Ashbury St.
Architect—J. J. Foley, 770 Fifth Ave.
Contractor—Michael Bruech, 1200 Bayshore Blvd.

Sub Contracts Awarded
ALTERATIONS Cost, $6,271
SAN JOSE, Santa Clara Co., Calif.
Alterations to church.
Owner — Centella Methodist Church (Alfred J. Case, Pastor).
Architect—Not Given.
Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.
Roofing—Bush Roofing Co.
Electric Wiring—Guilbert Bros.
Heating—A. J. Pascoe.
Sheet Metal—H. Eitzert.
Glass—Le Deit Glass Co.
Mill Work—Pacific Mfg. Co., Santa Clara.
Hardware—San Jose Hardwre Co.
Painting—George Linzen.
All of San Jose unless otherwise noted.

4— FACTORIES & WAREHOUSES

PLANS BEING FIGURED
LOS ANGELES, Cal.—Union Pacific Railway Co., 472 Pacific Electric Bldg. is taking bids from a selected list of contractors for a two-story reinforced concrete warehouse, 150x233 feet in area, to be built at 422 S. Anderson St. for the company. Cost, $60,000.

Contract Awarded
ALTERATIONS Cont. Price, $8,311
SAN FRANCISCO, Calif. 75 Folsom Street.
Alterations to metal plant.
Owner—Federated Metals Corp., 201 First Street.
Engineer—Victor B. Seidel, 500 Howard Street.
Contractor—James B. McSheehy, 137 Clifford Terrace.

Contract Awarded
WAREHOUSE Cost, $40,000
SEATTLE, Washington. 66 Hanford Street.
Two-story warehouse (130x120 ft.), heavy timber construction, concrete footings, etc.
Owner—Independent Paper Stock Co.
Engineer—Ralph A. Beebe & Leland S. Rosener, 233 Sansome St., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.

Contract Awarded
BAKERY Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. W. South Montgomery St., bet. Pearl and Ottersons.
One-story bakery.
Owner—Sunlite Bakery, 22 Almaden Ave., San Jose.
Architect—Ralph Wyckoff, Anglo Bk. Bldg., San Jose.
Contractor—N. J. Nielsen, 1270 Iris Ct., San Jose.

Sub-Contract Awarded.
HEATER HOUSES Cost, $——
OAKLAND, Alameda Co., Cal. E. Fourteenth St. and 105th Ave.
Heater houses.
Owner—Chevrolet Motor Co.
Structural Engineer — R. H. Cooley, 354 Hobart St., Oakland.
Contractor — Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.
Structural Steel and Miscellaneous Iron—Fair Mfg. Co., 617 Bryant St., San Francisco.
Sheet Metal and Siding—H. H. Robertson, 50 Hawthorne St., San Francisco.

Additional Sub Contracts Awarded
ADDITION Cost, $——
OAKLAND, Alameda Co., Calif. E 14th St. and 105th Ave.
Second-story addition to automobile assembly plant (reinf. concrete and brick construction), automatic sprinkler system, wiring, steel sash, gunite, etc.
Owner—Chevrolet Motor Company.
Structural Engineer — R. H. Cooley, 354 Hobart St., Oakland.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.
Lumber—Bay City Lumber Co., 48th Ave. and E. 12th St., Oakland.
Structural Steel—Herrick Iron Wks., 18th & Campbell Sts., Oakland.
Concrete—Transit Concrete Co., 2500 Peralta St., Oakland.
Electric—Pacific Electric Motor Co., 10th and Oakland Sts., Oakland.
Masonry—Hallert & Kneale, 2500 65th Ave., Oakland.
Plastering — Frank Clausen, 3124 Chestnut St., Oakland.
Sheet Metal—George Wieland.
Roofing—General Roofing Co., 3985 Beach St., Oakland.
Steel Windows—Detroit Steel Products Co., 63d & Doyle Sts., Emeryville.
Plumbing—Max Finzel, 2025 Hopkins St., Oakland.
Sprinkler System—Rockwood Sprinkler Co., 7 Front St., San Francisco.
As previously reported:
Gunite—Ed. Anderson, 998 Gilman St., San Francisco.
Glass and Glazing—W. P. Fuller & Co., 301 Mission St., San Francisco.
Metal Partitions—Price Bldg. Specialties Co., 35 Stillman St., San Francisco.
Painting—J. H. Mohr, Inc., 433 11th St., San Francisco.

CONTRACT AWARDED
SAN FRANCISCO, Cal.—Alta Roofing Co., 976 Indiana St., at $18,553.80, awarded contract by State Board of Harbor Commissioners, for roofing on the sheds of Piers 37, 30 and 32 and Bulkhead building and portion of shed of Pier 41 on the San Francisco waterfront.
The work involves:
(a) 1690 squares for Pier 37;
(b) 1550 squares for Piers 30 and 32;
(c) 330 squares for bulkhead building and portion of shed on Pier 41.
(d) Total.
Complete bids follow:

Alta Roofing Co.	(a)	$10,342.80
	(b)	6,742.50
	(c)	1,468.50
	(d)	18,553.80
Empire Roofing Co.	(a)	$10,714.60
	(b)	6,975.00
	(c)	1,485.00
	(d)	19,174.60
J. W. Bender Roofing Co.	(a)	$12,328.55
	(b)	8,447.50
	(c)	1,798.50
	(d)	22,574.55
Malott & Peterson	(a)	$13,705.90
	(b)	8,246.00
	(c)	1,755.60
	(d)	23,707.50

Contract Awarded.
LAUNDRY & APT. Cost, $10,000
SANTA ROSA, Sonoma Co., Calif. Fourth Street.
Two-story reinforced concrete laundry and apartment (60x96 feet) six-room apartment; built - up roofing, laundry to have concrete flooring, apartment to have hardwood floors, tile bath, etc.
Owner—John Oron.
Architect—Carence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—L. Halvorsen, 128 Dutton Ave., Santa Rosa.

Track Contract Awarded
REFINERY Cost, $2,000,000
YOLO CO., Calif. Two and one-half miles northeast of Woodland.
New sugar refinery (two- and three-story reinf. concrete sugar refinery (320x85 feet), 2-story reinforced concrete office building (96x61 ft.), conc. wood-lined bins equipped with air-circulating system; two warehouses (30x135 ft.), reinforced concrete foundation, corrugated iron walls, ventilators, power plant.
Owner—Spreckels Sugar Co. (C. J. Moroney, Mgr.), 2 Pine St., San Francisco.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Engineering plans by Owner.
Track Work—A. D. Schader, 144 Spear St., San Francisco (5,912 feet of track).
Bids are now being received on a general contract for the main building, office building and sugar silos to be opened Sept. 15, 5 p.m. (Lump sum bid.) As previously reported.
Shops—Villadsen Bros., 354 Hobart St., Oakland.
J. R. Reeves, Sacramento, awarded contract for road work, and warehouse contracts awarded to J. G. Motroni, Woodland.

PLANS ON FILE
YOLO CO., Calif.—Plans and specifications for the new sugar refinery administration building are on file in the Builders' Exchange, 666 Mission St., San Francisco, and the Builders' Exchange, 720 I St., Sacramento, and may be inspected by those interested.

Sub Contracts Awarded
FACTORY Cost, $8,000
OAKLAND, Calif. 7201 Hillside St.
One-story brick and concrete factory.
Owner—Fisher Body Co., 6901 Foothill Blvd., Oakland.
Engineer—R. H. Cooley, 354 Hobart St., Oakland.
Contractor — Austin Company, 516 18th St., Oakland.
Roofing—General Roofing Co., 3985 Beach St., Oakland.
Plumbing—W. H. Picard, 5656 College Ave., Oakland.
Sheet Metal—Toby Christensen, 4444 Piedmont Ave., Oakland.
Glass—W. P. Fuller, 259 10th St., Oakland.
Iron Grille Work—Eandi Artistic Metal Co., 1339 62d Ave., Oakland.
Grading—J. Catucci, 1212 18th Ave., Oakland.
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Mill Work—Lannom Bros., 5th and Magnolia Sts., Oalkand.
Hardware—Baker Hamilton & Pacific, 3d and Market Sts., Oakland.

Planned.
DISTILLERY Cost, $90,000
MARYSVILLE, Yuba Co., Calif.
New fruit distillery.
Owner — Feather River Distilleries, Inc. (W. H. Bryant, Gen. Mgr.)
Architect—Not Given.

Further details will be announced shortly.
Directors of the Company include: J. O. Taylor, Sacramento, former president of the Elk Grove Winery; Peery Maciel, Sacramento, director of the Elk Grove Winery; Dr. Jas. Lovely, San Jose, and Allen Fell formerly of the Coast Counties Gas & Electric Co., Oscar Krenz, president of the Oscar Krenz Copper & Brass Works, San Francisco, is consulting engineer, and legal counsel is the firm of Huston, Huston & Hueston, Sacramento. *

Sewer System Contract Awarded
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass mfg. plant (brick and insulux glass construction), concrete foundations, corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, vice-president in charge).
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Mgr. of Const.—P. J. Walker Company, Sharon Bldg., San Francisco.
Mechanical Engineer—A. R. McLaren, 611 Howard St., San Francisco.
Electrical Engineers—Kuchel & Sievers, 468 5th St., San Francisco.
Underground Sewage System—Herman Lawson, 465 Tehama St., San Francisco .
As previously reported:
Readymix Concrete—Transit Concrete Co., Ltd., 6th and Berry Sts., San Francisco.
Concrete work (Building No. 7, Batch Plant) awarded to Barret & Hilp, 918 Harrison St., San Francisco; structural steel (entire job) to Moore Dry Dock Co., foot of Adeline St., Oakland; piling to Raymond Concrete Pile Co., 333 Montgomery St., San Francisco; excavation, filling and grading to Heafey-Moore Co., 344 High St., Oakland, and chimneys to Alphons-Custodis Chimney Const. Co., New York City.
(9187) 1st report March 17, 1936; 9th report July 17, 1936.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $8000
SAN FRANCISCO. NW O'Farrell and Larkin Streets.
One-story steel service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engr. Dept. of Owner.
Contractor—Grant-Martinelli Constr. Co., 44 Mary St., San Francisco.

Plans Completed
SERVICE STATION Cost, $6,000
OAKLAND, Calif. 2301 Foothill Blvd.
One-story steel service station.
Owner—Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Department of Owner.

Contract Awarded
SERVICE STATION Cost, $3,500
SAN FRANCISCO, Calif. SW 7th and Bryant Sts. ....
Class C service station.
Owner—Rio Grande Oil Co., 400 Illinois St.
Architect—Not Given.
Contractor — Mills Construction Co., Russ Bldg., San Francisco.

Steel Sash Contract Awarded.
GARAGE ADDN. Cost, $25,000
SAN FRANCISCO. E York St. 75 S Mariposa Street.
Addition to garage (87½ x 100 feet); structural steel and reinforced concrete construction.
Architect — A. H. Knoll, 1201 Hearst Bldg., San Francisco.
Contractor—Adam Arras, 666 Mission St., San Francisco.
Steel Sash — H. T. Gettins Co., 268 13th St., San Francisco.
As previously reported, structural steel awarded Schrader Iron Works, 1247 Harrison Street.

7— FEDERAL BUILDINGS

To Be Done By Day's Work
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 630 Jackson St.
Alterations to theatre.
Owner—Great China Theatre Co., 630 Jackson Street.
Architect—Not Given. *

BIDS OPENED
ANAHEIM, Orange Co., Calif.—William Gelfan, Los Angeles, at $432, submitted low bid to exterior painting at the Anaheim Post Office. Only other bid was submitted by Raphael Company, San Francisco, at $472.
Bids held under advisement.

Contract Awarded
POST OFFICE Cont. Price, $70,000
MARTINEZ, Contra Costa Co., Calif. Court and Ward Streets.
One-story and mezzanine floor U. S. Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Contractor — George Petersen, 1841 Bancroft Ave., San Leandro.

Site Selected
POST OFFICE Cost, $74,000
COLUSA, Calif. SW Fourth and Market Streets.
U. S. Post Office building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Department, Washington, D. C. *

Bids Wanted—To Close Oct. 8, 1 P.M.
POST OFFICE Cost, $265,000
SALEM, Oregon.
One and two story post office building (136x113 feet), granite facing sandstone floors, marble wainscoting, metal windows, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for one set.

CONTRACT AWARDED
ROSEVILLE, Placer Co., Calif.—Chamberlin Metal Weather Strip Co., Detroit, Mich., at $289, awarded contract by Public Buildings Branch, for insect screens in the U. S. Post Office at Roseville.

LOW BIDDERS
LOS ANGELES, Calif.—Sarver & Zoss, Inc., 1015 W. Fourth St., Los Angeles, at $319,000, submitted low bid to Veterans' Administration, Rm. 764, Arlington Bldg., Washington, D. C., for constructing acute building No. 205, at the Veterans' Administration Facility, Los Angeles.
Work includes roads, walks, grading and drainage, excavation, reinforced concrete, hollow building tile, cut stone, cast stone, slate stair treads, marble work, terrazzo, floor and wall tile, rubber tile, compressed asphalt tile, waterproofing, metal work, steel sash, steel stairs, steel cabinets and shelving, tile roofing, metal lathing, plastering, carpentry, acoustical treatment, insulation, met-

al weatherstrips, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevator, outside service, connections, etc.

Three low bids follow:

Sarver & Zoss, Los Angeles.....$319,000
John Strona, Chino..... 331,730
Gordon & Thiele Cons. Co., Los Angeles..... 338,000

Sarver & Zoss submitted low bid on elevators at $5,600.

Complete bids will be published shortly.

Bids Wanted—To Close Sept. 29, 1 P. M.

POST OFFICE Cost, $410,000
SAN DIEGO, Calif. Ninth Avenue and E Street.
Two - story and basement reinforced concrete post office building 190 x190 ft.), modified classic design.
Owner—United States Government.
Architect—Wm. Templeton Johnson, 1500 San Diego Trust & Savings Bank Bldg., San Diego.

Will be of reinforced concrete construction, painted concrete exterior, composition-covered roof, asphalt block pavement, waterproofing and dampproofing materials, structural tile, steel windows, ornamental and structural metal, vaults, hollow metal work, marble, tile and terrazzo, structural glass, cork carpet, acoustical treatment, acoustic plaster, wood block floors, metal partitions, terra cotta wainscot, illuminated signs, lawn sprinkler system, electric clock system, beam scales, two-pipe vacuum heating system, ventilating apparatus, etc

Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C., and a set is on file in the office of Arthur Newman, Federal Office Building, San Francisco, and may be inspected by those interested.

BIDS OPENED

SAN FRANCISCO—General Fireproofing Co., 534 Fourth St., at $1450 submitted low bid to Treasury Department for alterations and additions in Rooms 124 and 126, Federal Office Building, San Francisco. Second low bid was submitted by Nick Hemminga at $1580.

Bids held under advisement.

BIDS REJECTED

POST OFFICE Cost, $425,000
NOME, Alaska.
United States Post Office Building (148x88 ft.). (Two-story, basement and pent house.) Reinforced concrete construction throughout; composition roof, etc.
Owner—United States Government.
Architect—Plans by Supervising Architect, Treasury Dept., Washington, D. C.

All bids were rejected. New bids will be asked shortly. Lowest bid was submitted by MacDonald Construction Co., 3829 Pine Blvd., St. Louis, Mo., at $489,230.

Bids Opened.

INSPECTION STA. Cost, $16,500
DANVILLE, Washington.
U. S. Inspection Station.
Owner—United States Government.
Plans by the Supervising Architect, Treaury Dept., Washington, D. C.
Low Bidder—F. L. Ericksen, Seattle, Wash., $16,179.

Only other bid was submitted by McCaul Constr. Co., Seattle, at $16,-985.

Bids held under advisement.

8— CLUB BUILDING

PLANNED

LOS ANGELES, Calif.—Los Angeles Breakfast Club, 3400 Wilshire Blvd., has purchased 4½ acres of land north of Los Feliz Blvd., at the edge of Griffith Park, as the site for club buildings and stables. Extent of the improvements has not been determined. They have not yet reached the plan stage.

Sub-Contracts Awarded.

ALTERATIONS Cost, $100,000
BERKELEY, Alameda Co. Campus of the University of California.
Structural changes and miscellaneous work at Stephens Union.
Owner—University of California.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Structural Engineer—H. J. Brunnier, Sharon Bldg., and W L. Huber, 1 Montgomery St., San Francisco.
Mgr. of Constr. — Dinwiddie Constr. Co., 210 Crocker Bldg., S. F.
Port. Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.
Ventilating Equipment — American Blower Co.
Add. Vent. Equipment—B. F. Sturtevant, 2530 6th St., Berkeley.
Add. Vent. Equip.—Ace Sheet Metal Works, 444 Clementina St., San Francisco.
Aggregates—C. S. Hughes Co., 1001 Ashby Ave., Berkeley.

As previously reported, roofing contract awarded to J. W. Bender Roofing Co., 1999 Bryant St., San Francisco.

9— HOSPITALS

Project Abandoned

DETENTION HOME Cost, $25,000
NAPA, Napa Co., Calif.
One-story frame and stucco detention home (140x32 ft.), to accommodate 16; lavatories, kitchens, offices, etc.
Owner—County of Napa.
Architect — George Sellon, California State Life Bldg., Sacramento.

Completing Plans

COMMISSARY Cost, $100,000
CAMARILLO STATE HOSPITAL, Ventura Co., Calif.
Commissary and Refrigeration building.
Owner—State of California, Department of Institutions.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

Contract probably will be advertised within thirty days.

Completing Plans

HOSPITAL WARDS Cost, $500,000
CAMARILLO STATE HOSPITAL, Ventura Co., Calif.
Reinforced concrete ward buildings (Units 8, 9 and 14).
Owner—State of California, Department of Institutions.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

Completing Plans

DORMITORY Cost, $128,000
CAMARILLO STATE HOSPITAL, Ventura Co., Calif.
Reinforced concrete dormitory building to house employes.
Owner—State of California Department of Institutions.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

Contract probably will be advertised within thirty days.

Preparing Plans

WARD BUILDING Cost, $468,000
STOCKTON STATE HOSPITAL, San Joaquin Co., Calif.
Reinforced concrete hospital ward building.
Owner—State of California, Department of Institutions.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

Contract will be advertised probably in about 90 days.

BIDS WANTED

SAN FRANCISCO, Calif. — Until September 11, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing and installing loud speaker system for the San Francisco Hospital.

Specifications and proposal blanks may be obtained from above office

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Preparing Working Drawings

HOSPITAL Cost, $175,000
OAKLAND, Alameda Co., Calif. Foothill Blvd. and County Road.
Replace wards K, L, 2 and 3 at the Fairmount Hospital.
Owner—County of Alameda.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.

Preparing Plans

HOSPITAL WARDS Cost, $300,000
PATTON STATE HOSPITAL, San Bernardino Co., Calif.
Patients' Units (Group 16 and T).
Owner—State of California, Department of Institutions.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

Contract will be advertised within 60 to 90 days.

Bids Wanted—To Close Sept. 21

COALINGA, Fresno Co., Calif.
HOSPITAL Cost, $20,000
One - story and basement hollow tile fireproof hospital (15 to 18 beds), composition roof, linoleum floor covering, etc.
Owner—Pleasant Valley Hospital Association.
Architect—W. D. Coates, Rowell Bldg., Fresno.

Contract Awarded

HOME FOR GIRLS Cost, 46,000
OAKLAND, Alameda Co., Calif. 51 Ninth Street.
Two-story reinforced concrete Class C home for Chinese girls (to accommodate 30).
Owner—Mills College.
Architect—W. H. Ratcliff, 310 American Trust Co. Bldg., Berkeley.
Lessee—Ming Quong Home for Girls.
Contractor—J. G. Brown, Mills College, Oakland.

To Ask Bids Sept. 10—To Be Opened September 25

HOSPITAL Cost, $
MERCED, Calif.
Two-story Class C addition to hospital (20 beds).
Owner—Mercy Hospital, Merced, Cal.
Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.

Bids will be taken as follows:

(1) General work;
(2) Electrical work;
(3) Plumbing;
(4) Heating;
(5) Linoleum;
(6) Elevators.

Plans and specifications may be obtained from the architect upon deposit of $15.00.

10— HOTELS

BIDS WANTED

SEATTLE, Washington.—Until September 9, 3 p.m., bids will be received by H. D. Van Eaton, Supervisor, Division of Purchasing, Department of

Finance, Budget and Business, Insurance Building, Olympia, for furnishing living room and reception room furniture, rugs, curtains, over-draperies, Venetian blinds, etc., for Women's Residence Hall, and upholstered furniture for Health Center Building, University of Washington Campus, Seattle, Washington.
Specifications may be obtained from above office.

Planned.
ADDITIONS Cost, $——
SONOMA, Calif.
Additions to Hotel Plaza (new steam heating system, new furnishings, decorating, etc.)
Owner—Sam Sebastiani, Sonoma.
Architect—Not Given.

Planned.
HOTEL Cost, $35,000
SANTA CRUZ, Santa Cruz Co., Cal.
New hotel building and restaurant.
Owner—Louie Cantoni, Hotel Antonelli, 29 Front St., Santa Cruz.
Architect—To Be Selected.
Further details will be announced shortly.

12— POWER PLANTS

BIDS OPENED
BOULDER CANYON PROJECT.—Kawneer Co., Niles, Mich., submitted low bid to the Bureau of Reclamation, at $6890, for steel partitions, etc., for Boulder power plant, Boulder Canyon Project; Spec. 821-D. Newman Bros., $8391; General Bronze Corp., $9170; The Flour City Ornamental Iron Co., $9290; Hansell Elcock Co., $10,443; Anchor Fence Post Co., $14,555.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED
SAN LUIS OBISPO, Calif.—Until September 14, 2 p.m., bids will be received by Gwen Marshall, County Clerk, San Luis Obispo, for structural steel and steel joists, furnished, delivered and incorporated in the Court House known as Unit No. 2 of San Luis Obispo County Court House under construction at Monterey and Osos Streets.
Plans prepared by Architects Walker & Eisen, 437 S. Hill St., Los Angeles.
Plans and specifications may be obtained from the Architects and from the County Clerk, upon deposit of $50.

BIDS WANTED
ALTURAS, Modoc Co., Cal.—Until Sept. 8, bids will be received by L. S. Smith, County Clerk, for repair of the roof at the County Court House.

Planned
FIREHOUSE Cost, $16,000
SAN MATEO, Calif. Beresford District.
New fire station.
Owner—City of San Mateo.
Architect—Not Given.
Application will be filed with the PWA for a loan and grant.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $8000
SAN JOSE, Santa Clara Co., Calif. No. 110 Rankin Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—Emmet W. Gottenberg, 628 N. First St., San Jose.
Architect—Not Given.
Contractor—Whiteside Bros., 71 So. 19th St., San Jose.

Plans Being Figured.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. No. Cragmont.
One-story and basement frame and stucco residence (5 rooms, bath and separate lavatory), tile bath, shingle roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Fred Burness.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.

Contract Awarded
ALTERATIONS, ETC. Cost, $6,533
SAN FRANCISCO, Calif. 2423-2425 Polk Street.
Alterations and additions to residence (plumbing, heating, stairs, etc.).
Owner—Jules Suppo, 2425 Polk St.
Architect—Julia Morgan, Merchants Exchange Building.
Contractor—Thos. A. Cuthbertson, 430 Noriega Street.
cisco, 218 ft. E Polk St.

Contract Awarded
RESIDENCE Cost, $11,175
SAN FRANCISCO, Calif. N. Fran-
Two-story frame and stucco residence.
Owner—Elliot & Mildred Epsteem, 2865 Union Street.
Architect—Vincent Buckley, 525 Market Street.
Contractor—Oliver M. Rousseau, 321 Kearny Street.

Contract Awarded.
RESIDENCE Cost, $7500
SAN FRANCISCO. Darien Way.
One-story and basement frame and stucco residence (7 rooms and 1 bath and lavatory) composition roofing, hot air heating system, tile baths, hardwood floors, etc.) Spanish style.
Owner—Mr. Kenneally.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—A. Berwick, 1525 Noe St.

Contract Awarded
RESIDENCE Cost, $7,500
SAUSALITO, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths), tile roof, oil burning hot air heating system, wood sash, tile baths and kitchen, hardwood floors, septic tank, sewage disposal system, etc.
Owner—Joseph Rosa, 319 Woodward, Sausalito.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.
Contractor—John Casty & Son, 666 Mission St., San Francisco.

Contract Awarded
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 1511-15 Leimert Blvd.
Two-story and basement frame and stucco residence (two 5-room residences).
Owner—H. L. Ross.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—C. O. Peshel, 4276 Fruitvale Ave., Oakland.

Plans Being Completed
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Hopkins Avenue.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Sub-bids will be taken within one week.

Plans Being Prepared
RESIDENCES Cost, $6,000-$7,000
SAN FRANCISCO. Pinelake Park.
Five one - story and basement frame and stucco residences (5 and 6 rooms, with social) French and Monterey style; tile and composition roofing, gas heating systems, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—D. E. Jaekle, 126 Post St.,

Sub-Bids Being Taken.
RESIDENCES Cost, $——
SAN FRANCISCO. Sloat Boulevard. (Pinelake Park).
Two one - story and basement frame and stucco and brick veneer residences (one 6- and one 7-room) tile and composition roofing, gas heating system, wood sash, tile baths and kitchens, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—D. E. Jaekle, 126 Post St.,

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. E Nueva S Blanken Street.
Four one - story and basement frame and stucco residences.
Owner and Builder—Wm. H. Grahn, 2965 Mission Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO. W 28th Avenue N Vicente Street.
Five one - story and basement frame and stucco residences.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given.

Plans Being Completed
RESIDENCE Cost, $5,000
SAN FRANCISCO Calif. Pinelake Park.
One-story and basement frame and stucco residence (5 rooms), tile and composition roofing, gas heating system, wood sash, hardwood floor, tile bath, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—D. E. Jaekle, 126 Post St.
Sub bids will be taken within a few days.

Plans Being Prepared
RESIDENCE Cost, $5,000
LOS ALTOS, Santa Clara Co., Calif.
One-story and basement frame and stucco residence (6 rooms, 2 baths) brick veneer and wood exterior, all shake roof, gas heating system, wood sash, hardwood floors, etc.
Owner—C. McGill.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCES Cost, $10,000 each
PIEDMONT, Alameda Co., Calif. 7 & 11 Sharon Ave.
Two 2-story frame and stucco residences (7 room and 8 room).
Owner—Martha Windsor, 928 Kingston Ave., Piedmont.
Architect—Not Given.
Contractor — George Windsor, 928 Kingston Ave., Piedmont.

Contract Awarded
RESIDENCE Cost, $10,000
BURLINGAME HILLS, San Mateo Co., Calif. Hillside Drive.
Two-story and basement frame and stucco residence.
Owner—Wm. G. Goodrich.
Architect—Not Given.
Contractor—H. T. Holsher, 325 Elm St., San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. 1655 Emory St.
Two-story and basement frame and stucco residence (8 rooms).

Owner and Builder—A. R. Calvelli, 1625 Emory St., San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $15,000
SAN MATEO, San Mateo Co., Calif. Franklin and Quiginea Sts.
Two-story frame and seucco residence.
Owner—J. L. Collins, 1476 Drake St., San Mateo.
Architect—Not Given.
Contractor—G. W. Williams Co., 15 Primrose Road, Burlingame.

Contract Awarded.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two-story frame and stucco residence (8 rooms, 3 baths), 2-car garage.
Owner—Mr. Silvestra.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, Calif. W. 16th Ave., S Lawton St.
Two one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger Builder, Inc., 320 Judah Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Calif. 583 57th St.
One-story and basement frame and stucco residence (6 rooms).
Owner—Joe Mallica, 630 58th St., Oakland.
Architect—Not Given.
Contractor—John Cisero, 474 42d St., Oakland .

To Be Done By Day's Work
STORE Cost, $3,500
OAKLAND, Calif. 700 Fruitvale Ave.
One-story frame store building (2 stores).
Owner and Builder—Wm. DeMars, 2339 Bartlett St., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
BERKELEY, Calif. 55 Maryland Ave.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—J. F. Hubbard, 5412 Proctor Ave., Oakland.
Architect—Not Given.

Bid Opening Postponed Until Sept. 10, 10 A.M.
RESIDENCE Cost, $6,500
REDWOOD CITY, San Mateo Co., Calif.
One-story and basement frame residence (6 rooms), wood exterior, shingle roof, gas forced hot air heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Mrs. Margaret McShane.
Architect — Otto Hintermann, Call Bldg., San Francisco.
Following will submit bids:
Simonds and Simonds, 1448 Benito Ave., Burlingame.
W. C. Maus, Woodside.
J. W. Cobby, 260 Tehama St., San Francisco.
G. W. Williams Co., 315 Primrose Rd., Burlingame.
E. J. Lehman, 782 Elizabeth St., San Francisco.
L. R. Robertson, 28 Dillon Road, Redwood City.
Bids were scheduled to be opened September 2, 10 A. M.

Sub Bids Wanted
RESIDENCE Cost, $5,500
BURLINGAME, San Mateo Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths), tile roof, gas heating system, wood sash, all-tile bath, hardwood floors, etc., separate 2-car garage.
Owner—Name withheld.
Architect—Not Given.
Mgr. of Construction—Cyril Doane, 49 Rico Way (Wal. 6291).
Sub bids are wanted on all portions of the work, including carpentry labor.

Sub Bids Wanted
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif. Forest Hill.
Two-story frame, stucco and rustic residence (5 rooms), composition shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Mr. Brown.
Architect—Not Given.
Mgr. of Construction—Cyril Doane, 49 Rico Way. (Wal. 6291.)
Sub bids are wanted on all portions of the work, including carpentry labor.

Low Bidder.
RESIDENCE Cost, $11,000
SALINAS, Monterey Co., Calif.
One-story and basement frame and stucco residence (9 rooms, 2 baths 2 separate lavatories), tile roof, oil heating system, hardwood floors, etc.
Owner—E. Pedrazzi.
Architect—Chas. Butner, 51 Maple St. Salinas.
Low Bidder—Herbert Kemzey, Rt. 1, Box 2810, Salinas.

Contract Awarded.
RESIDENCE Cont. Price, $6348
SANTA ROSA, Sonoma Co., Calif. Denton Way.
One-story and basement frame and stucco residence(6 rooms), shake roof, oil burning floor furnaces, hardwood floors, tile sinks, and bathroom floor, wood sash, etc.
Owner—Mr. Eicher.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Leon Koch, Rt. 4, Box 341-A, Santa Rosa.
Complete bids follow:

Leon Koch	$6348
L. Halvorsen	6648
C. L. Personett	6724
W. Olsen & Sons	6740

All of Santa Rosa.

Sub-Bids Being Taken.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two-story and basement frame and stucco residence (12 rooms and 3 baths), tile roof, gas heating system, steel sash, hardwood floors, tile baths ,etc.
Owner—Mr. Marquis.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Contractor—Reliable Homes, Inc., % Architect.

Plans Being Figured—Bids Close Sept. 8, 8 P. M.
RESIDENCES Cost, $2500 each
Two one-story frame and rustic residences (3 rooms each); tar and gravel roofing, gas heating system, wood sash, hardwood floors etc.
Owner—Withheld.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.
Following will submit bids:
Skovmand & Lewis, 729 E-18th St., Oakland.
Lawrence Sullivan, 3909 Loma Vista Ave., Oakland.
Webb & Whalin, 2930 22nd Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $7500
SAN FRANCISCO. NE Goettingen and Silliman Streets.
One-story and basement frame and stucco residence.
Owner—G. L. Margianti, Colma.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.
Contractor—D. Daly, Daly City.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 100 Locust Street.
Alterations to residence.
Owner—G. Levison, Premises.
Architect—A McSweeney, 604 Mission St., San Francisco.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $7500
SAN MATEO, San Mateo Co., Calif. Harvard St. and Castillian.
Two-story frame & stucco residence.
Owner—A. J. Conture.
Architect—Not Given.
Contractor—Leadley & Leadley, 210 Mt. Diablo St., San Mateo.

PLANNED
PHOENIX, Ariz. — Wright Davis, 1265 N. 20th St., Phoenix, will erect thirty residences in the Burroughs Tract, Phoenix, for himself. They will contain five and six rooms and will have brick walls, stucco exteriors, shingle roofs, concrete and hardwood floors, etc.

Contract Awarded
RESIDENCES Cost, $4,500 each
MILLBRAE, San Mateo Co., Calif.
Two one-story and basement frame and stucco residences.
Owner—N. Schultz.
Architect—Not Given.
Contractor—Schultz Construction Co., Hillcrest Blvd., Millbrae.

Contract Awarded
RESIDENCE Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. 1230 Hedding Street.
Two-story and basement frame and stucco residence (7 rooms).
Owner—Dr. Karl Pelkin, 201 S. 15th St., San Jose.
Architect—Not Given.
Contractor — George Kocher, Notre Dame and Carlisle Sts., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
BERKELEY, Alameda Co., Calif. 380 Vassar Ave.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—J. A. Bischoff, 2717 Russell St., Berkeley.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,500
BURLINGAME, San Mateo Co., Calif. Lot 10, Blk. 42, Easton Drive.
Two-story frame and stucco residence.
Owner—W. G. Grisinger, 1333 Cabrillo, Burlingame.
Architect—Not Given.
Contractor—G. W. Williams Company, 315 Primrose Rd., Burlingame

To Be Done By Day's Work
RESIDENCE Cost, $7,000
BURLINGAME, San Mateo Co., Calif. Lot 9, Blk. 5, Howard Ave.
One-story and basement frame and stucco residence.
Owner and Builder—John McCallum, 1529 Howard Ave., Burlingame.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
BURLINGAME, San Mateo Co., Calif. Lot 22, Blk. 10, Vernon Way.
One-story and basement frame and stucco residence.
Owner—Ruth M. Devereux.
Architect—Not Given.
Contractor—J. B. Oswald, 760 El Cerrito Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $6,000
BURLINGAME, San Mateo Co., Calif. Arundel Road.
One-story and basement frame and stucco residence.
Owner—E. Cinnamond.
Architect—Not Given.
Contractor—J. B. Oswald, 760 El Cerrito Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $5,500
SAN MATEO, Calif. 511 26th Ave.
One-story and basement frame and stucco residence.
Owner—Carl Gellert, 218 Castenada St., San Francisco.
Architect—Not Given.
Contractor — Stanford Building Co., 20th and Judah Sts., San Francisco.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, Calif. Lot 8, Blk. 5, Avila.
Two one-story and basement frame and stucco residences.
Owner and Builder—W. S. Behon, 228 Pierce St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. 585 Grizzly Peak Blvd.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—J. M. Walker, 1706 Grove St., Berkeley.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
PIEDMONT, Alameda Co., Calif. 80 Oakmont Ave.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—Ross Thomson, 84 Oakmont Ave., Piedmont.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
SAN MATEO San Mateo Co., Calif. Castillian Way.
Two-story frame and stucco residence
Owner and Builder—A. E. Lowk, 15 Arundel, San Mateo.
Architect—Not Given.

Sub Contracts Awarded
RESIDENCE Cost, $20,000
SAN FRANCISCO. N. Camino Del Mar, 206 W 27th Ave.
Two-story and basement frame residence.
Owner—Harry E. Fisher, % contractor.
Architect—Hyman & Appleton, 68 Post Street, San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.
Plumbing & Heating—E. Sugarman, 3624 Geary St.
Lumber—Rolando Lumber Co.
Mill Work—Anderson Bros., Quint & Custer Streets.
As previously reported.
Reinf. Steel—Gunn Carle & Co., 20 Potrero Ave.

Sub Contracts Awarded
RESIDENCE Cost, $20,000
SAN FRANCISCO. N. Camino Del Mar.
Two-story and basement frame residence.
Owner—Louis S. Goodman, % Contractor.
Architect—Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.
Plumbing & Heating—E. Sugarman, 3624 Geary St.
Lumber—Rolando Lumber Co.
Mill Work—Anderson Bros., Quint & Custer Sts.
As previously reported:
Reinf. Steel—Gunn Carle & Co., 20 Potrero Ave.

Contract Awarded
RESIDENCES Cost, $5,000 each
SACRAMENTO, Sacramento Co., Cal. 2724-2727 18th St. and 2715 17th.
Three one-story and basement frame and stucco residences.
Owner—Thos. H. Armstrong.
Architect—Not Given.
Contractor—Roy Hess, 2200 P Street, Sacramento.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SACRAMENTO, Sacramento Co., Cal. 401 Miguel Way.
One - story and basement frame and stucco residence.
Owner and Builder—Klein Realty Co., 807 J St., Sacramento.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SACRAMENTO, Sacramento Co., Cal. 400-408-416 San Antonio Way.
Three one-story frame and stucco residences.
Owner and Builder—Klein Realty Co., 807 J St., Sacramento.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. E 44th Avenue N Lawton Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 23rd Avenue S Kirkham Street.
One - story and basement frame and stucco residence.
Owner—B. W. Seil, 1359 Hayes St.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Bay Cities Building Co., 160 Russ Street.

Contract Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO. N Union Street E Franklin St.
One - story and basement frame and stucco residence.
Owner—Guido and N. Scardigli.
Architect—Not Given.
Contractor—Tony D'Amico, 2345 Polk Street.

Contract Awarded
RESIDENCE Cost, $15,000
BAKERSFIELD, Kern Co., Calif.
Two-story frame and stucco residence
Owner—Monroe Homer, 2105 19th St., Bakersfield.
Architect—Clarence Cullimore, 101 Oleander St., Bakersfield.
Contractor—Alva Hackney, Haberfelde Bldg., Bakersfield.

Contract Awarded
RESIDENCE Cost, —
BAKERSFIELD, Kern Co., Calif.
Adobe residence.
Owner—Swift & Co., Chicago, Ill.
Architect—Clarence Cullimore, 101 Oleander St., Bakersfield.
Contractor—Alva Hackney, Haberfelde Bldg., Bakersfield.

Contract Awarded
RESIDENCE Cost, $4,873
SAN ANSELMO, Marin Co., Calif.
One-story frame and stucco residence
Owner—Dave and Helen Mowat.
Architect—Not Given.
Contractor—Adams Bros., 2218 21st Ave., San Francisco.

Plans Being Prepared
PENT HOUSE Cost, $.....
SAN FRANCISCO, Calif. Francisco Street.
Pent house (5 rooms and deck), frame and stucco construction.
Owner—Name withheld.
Plans by Cyril Doane.
Mgr. of Construction—Cyril Doane, 364 Bush St.

Contract Awarded
RESIDENCE Cost, $.....
OAKLAND, Alameda Co., Calif. Sunnyhills Road.
Alterations and additions to residence.
Owner—Jesse Smith.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Jensen & Pedesen, 3443 Adeline St., Oakland.

Preparing Working Drawings
RESIDENCE Cost, $20,000
HOLLYWOOD, Los Angeles Co., Calif.
Two-story frame residence (9 rooms, 4 baths), wood sash, gas furnaces, hardwood floors, tile baths, etc.
Owner—Name withheld.
Architect—Fred H. Reimers, 233 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $4,000
BERKELEY, Alameda Co., Calif.
One-story frame and stucco residence (5 rooms).
Owner—Mr. McDaniels.
Architect — Chester Treichel, 696 Cleveland St., Oakland.
Contractor—George Tandy, 673 38th St., Richmond.
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Contract Awarded
RESIDENCE Cost, $6,500
SAN FRANCISCO, Calif. S. Darlen Way, E Manor Drive.
One-story and basement frame and stucco residence.
Owner—O. Kennally.
Architect—F. F. Amandes, 414 Dewey Blvd.
Contractor—A. Berwick, 1525 Noe St.
report Aug. 3, 1936. *

Contract Awarded
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif. 757 Hilldale Ave.
One-story and basement frame and stucco residence (6 rooms).
Owner—L. P. Bradley, 964 Euclid Ave., Berkeley.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Contractor—J. L. Rich, 556 37th St., Oakland.

Contract Awarded
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Calif. 605 Blair Avenue.
Two-story and basement frame and stucco residence (8 rooms).
Owner—L. H. Strickler, 411 Pala Ave., Piedmont.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Contract Awarded.
BUNGALOW COURT Cost, $15,000
BURLINGAME, San Mateo Co., Cal. Bellevue Avenue.
Two-story frame bungalow court.
Owner—Leroy Preston.
Architect—Not Given.
Contractor — O. C. Spanheim, 236 Park Road, Burlingame.

Contract Awarded.
RESIDENCE Cost, $7500
SAN MATEO, San Mateo Co., Calif. No. 347 Castillan Ave.
One-story and basement frame and stucco residence.

Owner—W. A. Collier, 118 Seville St. San Mateo.
Architect—Not Given.
Contractor—Leadley & Leadley, 210 Mt. Diablo St., San Mateo.

Contract Awarded.
RESIDENCES Cost, $3500 each
MENLO PARK, San Mateo Co., Cal. College Avenue.
Eleven one-story frame and stucco residences.
Owner and Builder—F. E. Sutherlin, Menlo Park.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO, Calif. W. Casitas, N Baxter Alley.
One-story and basement frame and stucco residence.
Owner—C. G. Miller.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—A. J. Wilbe, 850 Ulloa Street.

Low Bidder.
RESIDENCE Cost, $10,000
ATHERTON, San Mateo Co., Calif.
Two-story wood frame residence (9 rooms, 3 baths), Colonial style, shingle roof, forced warm air heating system, wood sash, hardwood floors, tile wainscot in baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Low Bidder—Lengfeld & Olund, 220 Third Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $8000
SAN FRANCISCO. Sherwood Forest.
Two-story frame & stucco residence (7 rooms, 2 baths) terra cotta tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Charles Miller.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—A. J. Wilbe, 2444 Great Highway, San Francisco.

Contract Awarded.
RESIDENCE Cost, $7500
SAN JOSE, Santa Clara Co., Calif. No. 1575 Emory Street.
Two-story frame and stucco residence (6 rooms).
Owner—J. Aspinwall, 556 N. 16th St., San Jose.
Architect—Not Given.
Contractor—Dudley Constr. Co., 1074 Willow Glen Way, San Jose.

Contract Awarded.
RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Cal. Hillside Circle.
Two-story and basement frame and stucco residence.
Owner—Bruce E. Sewell, 2101 Hale Drive, Burlingame.
Architect—Not Given.
Contractor—Mooney & Macdonald, 1464 Burlingame Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Calif. 5424 Masonic Ave.
One-story and basement frame and stucco residence (6 rooms).
Owner—B. J. Bennett, 488 35th St., Oakland.
Architect—Not Given.
Contractor—Carl H. Franzen, 883 54th St., Oakland.

Contract Awarded
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif. 906 Arlington Ave.
Two-story frame and stucco residence (8 rooms).
Owner—H. Lincoln, 1296 San Pablo Ave., Berkeley.
Architect—Not Given.
Contractor—G. Wiser, 1252 Spruce St., Berkeley.

Sub-Contracts Awarded.
ALTERATIONS Cost, $8000
PALO ALTO, Santa Clara Co., Cal. No. 560 Salvatierra St., Stanford Campus).
Alterations and additions to fraternity house.
Owner—Chi Psi Fraternity.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Contractor — Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco
Plastering—H. McKenna, Palo Alto.
Sheet Metal — Wieland & Kolthoff, 2194 Folsom St., San Francisco.
Mill Work—Pacific Mfg. Co., Santa Clara.
Plumbing and Heating — James H. Pinkerton, 927 Howard St., San Francisco.
Electric—Roy Butcher, San Jose.
Marble—Eisele & Dondero, 895 Third St., San Francisco.

Plans Being Prepared
RESIDENCE Cost, $8,000
MILLBRAE, San Mateo, Calif.
One and two-story frame and stucco residence (6 rooms, 2 baths), shake roof, gas heating system, wood sash, tile baths, hardwood floors, etc.
Owner—Name withheld.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco.
Bids will be asked in ten days.

Bid Opening Postponed Until September 12th
RESIDENCE Cost, $.....
ATHERTON, San Mateo Co., Calif.
Two-story frame and stucco residence (8 rooms, 3 baths).
Owner—W. A. Doble.
Architect — Douglas D. Stone, 381 Bush St., San Francisco.
Following will submit bids:
Fred K. DuPuy, 110 Sutter St., San Francisco.
A. E. Orton, 151 Harriet Ave., Palo Alto.
G. W. Williams Co., 315 Primrose Rd., Burlingame.
H. H. Larsen, 64 S. Park St., San Francisco.

Contract Awarded
RESIDENCE Cost, $25,000
SAN FRANCISCO, Calif. El Camino del Mar, bet. Lake and 30th Ave.
Two-story and basement frame and stucco residence (11 rooms, 4 baths), terra cotta and Standard roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Allen.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—D. L. Bienfield, 666 Mission Street.
Sub contracts will be awarded shortly.

Contract Awarded.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. No. 7 West Parnassus Court.
Two-story frame & stucco residence (7 rooms).
Owner—Robert Brock.
Architect—Not Given.
Contractor—P. L. Coats, 2837 Foothill Blvd., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $7500
SAN JOSE, Santa Clara Co., Calif. No. 1520 Emory Street.
Two-story frame and stucco residence (7 rooms).
Owner and Builder—R. B. Fehren, 25 N. Second St., San Jose.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, Calif. S. Deming, E Clayton St.
Three one-story and basement frame and stucco residences.
Owners and Builders—Fernando Nelson & Sons, 2901 19th Ave.

Contract Awarded
RESIDENCE Cost, $5,500
SACRAMENTO, Calif. 1521 36th St.
One-story and basement frame and stucco residence.
Owner—George L. Granucci.
Architect—Not Given.
Contractor—Chas. Guth, 1520 27th St., Sacramento.

Contract Awarded
RESIDENCE Cost, $8,000
SACRAMENTO, Calif. 2676 Coleman Way.
Two-story frame and stucco residence.
Owner—Harry L. Say, 4624 Q St., Sacramento.
Architect—Not Given.
Contractor—Elton Blair, 4440 Mariposa St., Sacramento.

Plans Being Figured—Bids Close Sept. 8, 8 P. M.
RESIDENCES Cost, $2500 each
OAKLAND, Alameda Co., Winthrop and Holmes Sts.
Two one-story frame and rustic residences (3 rooms each); tar and gravel roofing, gas heating system, wood sash, hardwood floors, etc.
Owner—Name withheld.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.
Following will submit bids:
Skovmand & Lewis, 729 E. 18th St., Oakland.
Lawrence Sullivan, 3909 Loma Vista Ave., Oakland.
Webb & Whalin, 2930 22nd Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $10,318
BAYWOOD, San Mateo Co., Calif.
Two-story and basement frame and stucco residence.
Owner—J. O. Elmer, 1743 Ivy St., San Mateo.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—R. A. White, 744 Crossway Road, Burlingame.

Plans Being Figured—Bids Close on Sept. 8, 5 P. M.
RESIDENCE Cost, $ ...
BERKELEY, Calif. Le Conte Ave.
One-story and basement frame and stucco residence (5 rooms).
Owner—Name withheld.
Architect—Williams & Wastell, 374 17th St., Oakland.
Following will submit bids:
John Bartlett, 1706 Parker St., Berkeley.
Emil Person, 829 San Luis Road, Berkeley.
C. M. Telgland, 4668 Dolores Ave., Oakland.
Herbert K. Henderson, 393 40th St., Oakland.
Albert Haskell, 255 Ridgway Ave., Oakland.

Owner Taking Bids
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif. 130 Danvers Street.
One-story and basement frame and stucco duplex residence (stucco and cast stone trim, asphalt roof with tile trim; oak stairs and

floors ,tile baths, tile in kitchens, gas warm air furnaces, hot water heaters, etc.
Owner—Mrs. Elsie Kramer, 2424 Funston Ave., San Francisco.
Plans by—L. O. Berg, 720 Corbett Ave.

Plans Being Completed
RESIDENCES
Cost, $4,500 and $5,000 each
BERKELEY, Alameda Co., Calif. Berkeley Gardens.
Twenty-five one-story frame and stucco residences (5 and 6 rooms each), Spanish style; tile and composition roofing, gas heating systems, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given.
Sub bids will be taken in three weeks.

Plans Being Completed.
RESIDENCE Cost, $15,000
MARIN COUNTY, Cal. Del Mesa.
Two-story frame and stucco residence (8 rooms, 3 baths), tile roof, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Roland Stringham, 525 Market St., San Francisco.
Bids will be asked in about two weeks.

Preparing Working Drawings.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
One-story Cape Cod residence (7 rooms and 2 baths) wood shake roof, gas hot air heating system, wood sash, hardwood floors, colored tile baths, colored fixtures, wood exterior, etc.
Owner—Withheld.
Architect—Sidney A. Colton, 544 Market St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $9000
SAN FRANCISCO. Beach Street (Marina District).
Two-story and basement frame and stucco residence (7 rooms and 2 baths) asbestos shingle roof, gas heating system, wood and steel sash, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.
Bids will be asked in about ten days.

Low Bidder.
ALTERATIONS Cost, $5000
SAN FRANCISCO. Western Addition.
Alterations and additions to residence (roof garden and solarium, elevator, servants' room in heating and electrical work, tile work, painting, etc.
Owner—Withheld.
Architect—A. H. Larsen, 333 Kearny St., San Francisco.
Low Bidder — Moore & Madsen, 557 Market St., San Francisco.

15— SCHOOLS

Preparing Preliminary Plans
SCHOOL Cost, $.....
SAN MATEO, Calif. Park Blvd. and Notre Dame Ave. (4.6-acre tract).
New elementary school building (first unit, three classrooms).
Owner—San Mateo School District.
Architect—Will H. Toepke, 537 Call Bldg., San Francisco.

Contract Awarded
BRENTWOOD, Contra Costa Co., Calif.—Carl Nelson, 1421 E. Channel St., Stockton, at $1,980, awarded contract by Liberty Union High School District for strengthening of the High School Shop Building in Brentwood. Only other bid was submitted by C. A. Tornell, Tracy, at $2,349.

Bid Opening Postponed Until Sept. 11, 8 P. M.
SCHOOL Cost, $4000
BIGGS, Butte Co., Calif.
One-story rustic school (1 classroom) frame studding, plaster interior partitions, shingle roof, Oregon pine floors, Crane plumbing goods, etc.
Owner—River School District.
Architect—Chester Cole, Chico.
Plans & specifications may be obtained from the architect.

SUB BIDS WANTED
COVELO, Mendocino Co., Calif.—N. H. Sjoberg & Sons, 5604 E. 16th St., Oakland, desire sub bids on all portions of the work for the construction of Round Valley High School to be erected in Covelo for which bids will be opened Sept. 8, 8 p.m.
Plans prepared by Architect Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Bids Opened
GYMNASIUM Cost, $95,000
SACRAMENTO, Calif. Sacramento Jr. College Campus.
One - story reinforced concrete gymnasium (Fourth Unit).
Owner—Sacramento School District.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Low Bidder—Petersen & Steinbrenner, 1116 O St., Sacramento.
Complete bids follow:
Petersen & Steinbrenner, Sacramento $100,950
Wm. C. Keating, Sacramento.. 102,400
H. W. Robertson, Sacramento.. 105,987
Campbell Construction Co., Sacramento 108,400
C. L. Wold, San Francisco..... 111,835
Recommendation made to PWA that contract be awarded to Petersen & Steinbrenner.

LOW BIDDER
SAUSALITO, Marin Co., Calif.—V. Maggiora, 15 Harrison Ave., submitted low bid to Sausalito School District, for improvements to the Central School, Litho and Caledonia Streets, Sausalito.

CONTRACT AWARDED
HOLLISTER, San Benito Co., Cal.—Ladd Hardware Co., Hollister, at $788.50, awarded contract by Hollister School District for furnishing and installing heaters in the Fremont School, Hollister.

Bids Opened
REHAB. SCHOOL
BERKELEY, Alameda Co., Calif. 1775 Rose Street.
Additional rehabilitation at the Garfield School (alternate proposals).
Owner—Berkeley School District.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—W. C. Ambrose, Berkeley Board of Education.
K. E. Parker Company, 135 South Park St., San Francisco, at $34,580, submitted only bid.
Bid held under advisement.

Rejection Recommended
REHABILITATE SCHOOL $118,500
BERKELEY, Alameda Co., Calif.
Rehabilitation of Lincoln School.
Owner—Berkeley Board of Education.
Architect—Not Given.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Berkeley Board of Education has recommended to the PWA that bids be rejected, lowest bid being submitted by Villadsen, 2059 Webster St., Oakland, at $185,000.

Materials Bids Wanted—To Close September 15, 8 P. M.
SCHOOL Cost, $32,000
PIEDMONT, Alameda Co., Calif. 303 Wildwood Avenue.
One-story elementary school building (5 classrooms, 2 toilet rooms), reinforced concrete footings, frame and stucco exterior, circulating gas heating system, etc. (Wildwood School).
Owner—Piedmont Unified School District, 800 Magnolia St., Piedmont.
Architect—John J. Donovan, 950 Parker St., Berkeley.
Materials are being received by the School District. Project approved by the WPA.

Materials Bids Wanted—To Close September 15, 8 P. M.
SCHOOL Cost, $32,000
PIEDMONT, Alameda Co., Calif. 320 Bonita Avenue.
One-story elementary school building (5 classrooms and 2 toilet rooms), concrete footings, wood frame and stucco exterior, circulating gas heating system, etc. (Havens School).
Owner—Piedmont Unified School District, 800 Magnolia St., Piedmont.
Architect—John J. Donovan, 950 Parker St., Berkeley.
Materials are being received by the School District. Project approved by WPA.

SUB BIDS WANTED
COVELO, Mendocino Co., Calif.—Lindgren & Swinerton, Inc., 619 H St., Sacramento, desire sub bids on all portions of the work for the construction of the Covelo School, to be erected for the Round Valley School District, for which bids will be opened Sept. 8, 8 p.m.
Plans prepared by Architect Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

BIDS OPENED
SAN FRANCISCO— J. F. Rhodes Co., 50 Hawthorne St., at $2753.96, submitted low bid to Purchasing Department, City Hall, for furnishing 75 cafeteria tables for the Marina Junior High School. Only other bid was submitted by J. W. Fricke & Co. at $2761.69.
Bids held under advisement.

Contract Awarded
SCHOOL BLDGS. Cont. Price, $6,380
WOODLAKE, Tulare Co., Calif.
Seven one - room frame classroom buildings.
Owner—Woodlake Union High Sch. District (Ralph Ainley, Clerk).
Architect — Ernest J. Kump, Rowell Building, Fresno.
Contractor—Sterling Smith, Visalia.
Complete bids follow:
Sterling Smith, Visalia—(2) $6,380.
J. J. Bedel, Visalia—(1) $6,988; (2) $6,400.
W. J. Ochs, Fresno—(1) $7,693; (2) $7,198.
Vetter & Co., Dinuba—(2) $7,769.
Hodgson & Sons, Porterville—(1) $9,200; (2) $8,660.
Midstate Const. Co., Fresno—(1) $9,695; (2) $9,095.
Harris Const. Co., Fresno—(1) $9,717; (2) $8,884.
R. W. Brown Const. Co., Madera—(1) $10,388; (2) $9,436.

BIDS WANTED
SAN FRANCISCO—Until Sept. 11, 1:45 P. M., informal bids will be received by Department of Public Works, Room 251, City Hall, for furnishing and installing approximately 20 yards monks cloth, four ply, in the Galileo High School. Further information may be obtained from R. A. Chishol, Supt. of Public Buildings, 484 11th St.

BIDS OPENED

SAN FRANCISCO—Industrial Ornamental Iron & Bronze Works, 532 Noe Street, at $635.50, submitted low bid to Department of Public Works for repair fire escape and constructing new iron gate at the Daniel Webster School, Missouri St., bet. 19th and 20th Sts. Spec. No. 4644.

Complete bids follow:

Industrial Ornamental Iron and Bronze Works, $635.50.
Patterson & Koster Iron Works, $665
Anchor Post Fence Co..... 784
Monarch Iron Works..... 935
Star Ornamental Iron Works.... 1100

Bids held under advisement.

16—BANKS, STORES AND OFFICES

Contract Awarded
ALTERATIONS Cost, $1,500
STOCKTON, San Joaquin Co., Calif. 48 N. El Dorado St.
Alterations to store front.
Owner—Ralph and Tony Vignolo, premises.
Architect—Not Given.
Contractor—Crescent Show Case & Fixture Co., 600 W. Fremont St., Stockton.

Taking Preliminary Estimates
BANK Cost, $100,000
MODESTO, Stanislaus Co., Calif. 11th and J Streets.
New reinf. concrete bank building.
Owner — American Trust Company, 464 California Street, San Francisco.
Plans by Engineering Department of Owner.

Lindgren & Swinerton, Inc., 619 H St., Sacramento, desire sub bids to be incorporated in their estimate. Sub bids to be in by Sept. 15th.
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Contract Awarded
STORES Cost, $25,000
SANTA CRUZ, Santa Cruz Co., Calif.
One-story reinforced concrete store building (4 stores), tar and gravel roofing, concrete floors, terra cotta front, etc.).
Owner—Pacific States Amusement & Realty Co., Santa Cruz.
Architect—Not Given.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Salih Bros., 25 Taylor St., San Francisco.

Construction will start shortly.

Preparing Plans
DRIVE-IN MARKET Cost, $75,000
STOCKTON, San Joaquin Co., Calif. SW El Dorado St. and Harding Way.
Drive-in Market (150x150 feet), cement and stucco construction, service station, etc.
Owner—Not Given.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Agent—John A. Clecak, Stockton.

Rein. Steel Contract Awarded
ALTERATIONS Cost. $.....
PLACERVILLE, Eldorado Co., Calif.
Alterations and additions to bank bldg. (concrete work, plumbing, heating, sheet metal, vaults, etc.).
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Const. Dept. of Owner.
Mgr. of Const.—John Harkness, Placerville.
Rein. Steel—W. S. Wetenhall, 17th and Wisconsin Sts., San Francisco.

Heating and metal window bids are being received by the owners, and concrete, plumbing, electrical, roofing and sheet metal bids are being received by John Harkness in Placerville.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 3462 Mission St.
Alterations to store building.
Owner—Frank Olano, 2048 Market St.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market Street.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 136 Geary Street.
Alterations to store building.
Owner—Shreve, Treat & Eacret, 136 Geary Street.
Architect—Not Given.
Contractor—L. & E. Emanuel, Inc., Jones Street.

Low Bidders
MARKET Cost, $ —
SAN FRANCISCO, Calif. SE 32d Ave. and Taraval St.
One-story frame and stucco market building.
Owner—Mr. Ellsbach.
Architect—Hyman & Appleton, 68 Post Street.
Low Bidder—Woodcraft Mfg. Co., 45 Hallam St.—$6,605.

Second low bid was submitted by Hannah & Wooldridge, at $6,786.

Bids held under advisement.

Contract Awarded
ALTERATIONS, ETC. Cost, $7,800
OAKLAND, Alameda Co., Calif. 1749-51 Broadway.
Alterations and additions to store building (new front, etc.).
Owner—E. B. & Caroline H. Holladay.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—W. K. Van Bokkelin, 351 Hobart St., Oakland.

Contract Awarded
MARKET Cost, $10,000
EUREKA, Humboldt Co., Calif. Fifth and H Streets.
Market building (110x60 feet).
Owner—Robert F. Gardner, Post Office Market, Eureka.
Architect—Frank Georgeson, Eureka.
Contractor—Mercer-Fraser Company, Second and Commercial Streets, Eureka.

Contract Awarded
BUILDING Cost, $8,000
MODESTO, Stanislaus Co., Calif. E. 10th St., bet. F and G.
One-story automobile supply store and print shop.
Owner—Chanslor & Lyon and Joe A. Covell.
Architect—Not Given.
Contractor—Wieland Bros., 401 Virginia Ave., Modesto. 16

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Contract Awarded
ALTERATIONS Cost, $2,000
SAN JOSE, Santa Clara Co., Calif. 91 S. First St.
Alteratinos to store front.
Owner—Stock Estate, Letitia Bldg., San Jose.
Architect—Not Given.
Contractor—George L. Honore, 136 Race St., San Jose.

Being Done By Day's Work
ALTERATIONS Cost, $2,000
SAN FRANCISCO, Calif. NE Pine & Sansome Streets.
Alterations for offices in Insurance Center Bldg. (Work involves plaster partitions, rubber tile flooring, etc.)
Owner — Pacific Coast Joint Stock Land Company.
Architect—Joseph L. Stewart, 206 Sansome Street.

CONTRACT AWARDED

PASADENA, Cal.—A. L. Gatterdam 1614 Chelsea Rd., San Marino, awarded contract for the erection of a reinforced concrete one-story and mezzanine market (105x116-ft.) at Hudson Ave. and Colorado St., Pasadena for Young's Market Co. Cost, $75,000. Morgan, Walls & Clements, 1135 Van Nuys Bldg., Los Angeles, architects.

Planned.
ADDITION Cost, $40,000
FRESNO, Fresno Co., Cal. No. 926 Fulton Street.
Alterations and additions to store building (new elevator, decorating, display windows, new flooring, fixtures, etc.)
Owner—J. C. Penny Co. (H. G. Rhodes local manager.)
Plans by Engr. Dept. of Owner.

CONTRACT AWARDED

SAN DIEGO, Calif.—Walter Trepte, 631 9th Ave., San Diego, awarded contract for concrete and brick store building, 100x100 feet in area, at 1154-60 5th Ave., San Diego, for Albert J. Jones, New California Bldg., San Diego. Earl F. Giberson, architect, 607 Scripps Bldg., San Diego. Cost, $42,500.

Low Bidder
OFFICE BLDG. Cost, $75,000
SANTA CRUZ, Santa Cruz Co., Calif. Upper Pacific Avenue.
Two-story reinforced concrete office building (50x130 ft.).
Owner—Coast Counties Gas & Electric Co., Santa Cruz.
Architect—Alben Froberg, 1955 Webster St., Oakland.
Low Bidder—Darrow Palmer, Santa Cruz.

Additional Sub Contracts Awarded
ALTERATIONS Cost, $.....
SAN FRANCISCO, Calif. Kearny and Sutter Streets.
Alterations and additions to ten-story building (work involves painting, plastering, decorating, carpentry, etc.).
Owner—Sherman Clay & Co. (Dwight F. McCormick, vice-president and general manager).
Architect—W. W. Wurster, 260 California St.
Consulting Interior Designers — Parrish & Co., New York City.
Contractor—Jas. L. McLaughlin, 251 Kearny St.
Marble—Vermont Marble Co., 525 Market St.
Terrazzo—American Terrazzo Co., 36 Wood St.
Misc. Metal—National Orn. Iron Wks., 70 Chesley St.

As previously reported, steel framing awarded to Western Iron Works, 141 Beale St.

Contract Awarded
STORE Cost, $3,500
SAN FRANCISCO, Calif. W Fillmore St., 100 ft S Chestnut.
One-story Class C store building.
Owner — Margarita Bacchi, 2249 Greenwich St.
Architect—Not Given.
Contractor—Sterling Concrete Co., 735 Baker St.

Plans Being Prepared
BUILDING Cost, $24,000
STOCKTON, San Joaquin Co., Calif. SW Hunter and Lindsay Streets.
One-story and basement office bldg. (to house motor vehicle dept. and Highway Patrol), 50x100 ft.
Owner—Fillmore Marks, Stockton.
Lessee—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

Additional Sub Contracts Awarded
OFFICE BLDG. Cost, $ —
PLACERVILLE, Eldorado Co., Calif.
One-story frame and brick office building.

Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery Street, San Francisco.
Plans by Engineering Department of Owner.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.
Misc. Iron—Sartorios Company, 2530 18th St., San Francisco.
Plastering—Ernest Axup.
Dampproofing—Alta Roofing Co., 976 Indiana St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Other awards reported Aug. 20th.

Contract Awarded
ALTERATIONS Cost, $.....
SAN RAFAEL, Marin Co., Calif. 738 Fourth Street.
Alterations to store building (new front, etc.).
Owner—Herbert & Rohrer Jewelry Store.
Architect—Not Given.
Contractor—Leibert & Trobock, Albert Bldg., San Rafael.

Bid Opening Postponed Until Sept. 10, 5 P. M.
BUILDING Cost, $40,000
OAKLAND, Alameda Co., Calif. 826 West Street.
Two - story brick and steel building (to house offices and hiring hall of Teamsters' Union).
Owner—Teamsters' Union (Chas. W. Real, Secretary).
Architect—J. B. Anthony, 1849 Arch St., Berkeley.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Bids were previously scheduled to be opened Sept. 8, 5 P.M.
Following have procured plans.
Lindgren & Swinerton, Inc., 1723 Webster St., Oakland.
Fred J. Early, 369 Pine St., San Francisco and 366 40th St., Oakland.
Moore & Roberts, 693 Mission St., San Francisco.
Villadsen Bros., 2059 Webster St., Oakland.
David Nordstrom, 4150 Emerald St., Oakland.
Kelly & Tulloch, 335 8th St., Oakland.
F. C. Stolte, 3449 Laguna Ave., Oakland.
C. Dudley DeVelbiss, 354 Hobart St., Oakland.
Adam Arras, 4008 18th St., San Francisco.

17— THEATRES

Plans Being Prepared
ALTERATIONS Cost, $15,000
SACRAMENTO, Calif. 617 K Street.
Alterations and additions to Liberty Theatre (new marquee, painting, decorating, extend mezzanine floor, new offices, rest rooms, etc.).
Owner—J. W. DiStasio.
Architect—Harry Devine, Cronan Bldg., Sacramento.

Contract Awarded.
THEATRE Cost, $50,000
WOODLAND, Yolo Co., Calif. North Main and College Streets.
Reinforced concrete theatre building (to seat 600).
Owner—National Theatre Syndicate, 25 Taylor St., San Francisco.
Architect—S. C. Lee, 25 Taylor St., San Francisco, and 2404 W. 7th St., Los Angeles.
Contractor—Guy Morris, Woodland.

To Ask Bids September 6.
REMODEL THEATRE Cost, $——
WOODLAND, Yolo Co., Calif.
Remodel old Post Office building for theatre (to seat 600).
Owner—Redwood Theatres, 25 Taylor St., San Francisco.
Architect—S. Chas. Lee, 25 Taylor St., San Francisco, and Los Angeles.

18— WHARVES & DOCKS

NEW BIDS WANTED

OAKLAND, Calif.—Until Sept. 14, 4:30 p.m., new bids will be received by City of Oakland Port Commission for driving 207 piles, 66 to 77 feet long for foundation for bulkhead wall, Ninth Ave. Pier Extension, Oakland. Previous bids received were rejected, lowest bid being submitted by Ben C. Gerwick, Inc., 112 Market St., San Francisco, at $5,992.

19—MISC. CONSTRUCTION

Contract Awarded
ADDITION Cost, $15,000
SAN JOSE, Santa Clara Co., Calif. 1342 Naglee Ave.
Addition to museum.
Owner—Ancient Mystic Order of Rosicrucian.
Plans by Owner.
Contractor—Paul N. Anderson, 1210 Lincoln Ave., San Jose.

SALE OF BUILDINGS

OAKLAND, Alameda Co., Calif.—The buildings at 911-13 14th St., and 1337-47 Market St., will be sold at public auction on the premises, September 11, 2 p.m., by the City of Oakland.
Information obtainable from the office of City Clerk W. W. Chappell.

BONDS DEFEATED

BAKERSFIELD, Kern Co., Calif.—City of Bakersfield defeated bond issue August 25 in the amount of $98,500. Proceeds were to have financed construction of three municipal swimming pools.

PREPARING PLANS

LOS ANGELES CO., Calif.—State Architect Geo. B. McDougall, Public Works Bldg., Sacramento, is preparing plans for a reinforced concrete smoke stack to be constructed at Pacific Colony State Hospital, near Pomona, Los Angeles County.

SALE OF BUILDINGS

SAN FRANCISCO, Calif.—Director of Property Joseph J. Phillips, City Hall, will sell on September 15, 9:30 a.m., at public auction to highest bidder, following city buildings:
2600 Chestnut St. and 2608 Chestnut St.

Contract Awarded.
AUTO COURT Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Bay Shore Highway.
Auto Court.
Owner—A. B. Cobb.
Architect—Not Given.
Contractor—Peninsula Builders, 1150 Burlingame Avenue, Burlingame

CONTRACT AWARDED

SAN FRANCISCO.—Ocean Shore Iron Works, 550 8th St., at $240, awarded contract by the Department of Public Works, City Hall, under Bid No. 4578, for constructing an asphalt surface heater hood.

Contract Awarded
TERMINAL Cost, $2,350
HAYWARD, Alameda Co., Calif. W. Castro St., nr. Pinedale Court.
Hayward Motor Coach terminal.
Owner—Railway Equipment & Realty Co., Ltd., 2129 Grove St., Oakland.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—A. Holyoake, 2839 East Ave., Hayward.

Sub Contract Awarded
TERMINAL Cont. Price, $19,165
OAKLAND, Alameda Co., Calif. Piedmont Ave. train terminal.
One-story Class A concrete and steel train concourse and terminal.
Owner—Key System.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.
Dist. System—Soda & Son, Mt. Blvd. & Sacramento Sts., Oakland—$4,830.
(Work is for underground distribution system for electricity and telephone conduit system.)

BIDS WANTED

SAN FRANCISCO.—Until September 8, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for drydocking, painting, and repairing the U. S. Seagoing Hopper Dredge "San Pablo."
Plans and specifications obtainable from the above office.

NOTICE OF SALE

SAN FRANCISCO, Calif.—Director of Public Property, Joseph J. Phillips, will sell at public auction, Sept. 11, 9:30 a.m., to highest bidder, the city-owned buildings situated at 61 Lloyd Street and 736 Duboce Ave., San Francisco.

Plans Being Completed
DEPOT & GARAGE Cost, $30,000
STOCKTON, San Joaquin Co., Calif. Washington and Sutter Streets.
One-story reinforced concrete bus depot and garage (steel trusses, composition roofing, etc.).
Owner—Pacific Greyhound Lines, 201 Pine St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Structural Engineer—E. W. Kellberg, 320 Market St., San Francisco.
Bids will be asked within one week.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

SAN FRANCISCO, Calif.—Bids were received by T. A. Brooks, Purchaser of Supplies, City Hall, for furnishing 18,667 M. FBM Redwood lumber, as follows:
(1) James Hall, S. F.—$928.39, del. in 30 days.
(2) Roth Mairer Lumber Co., S.F.—$942.30, del. in 30 days.
(3) Van Arsdale Harris Lumber Co., S. F.—$942.30, del. in 30 days; $999.98, del. in 3 days.
(4) Allen & Dettman Lumber Co., S. F.—$960.22, del. in 30 days; $1017.90 del. in 3 days.
(5) Acme Lumber Co., S. F.—$978.01, del. in 3 days.
Bids held under advisement

LOW BIDDER

SAN DIEGO, Cal.—Apex Steel Corp., 6147 S. Eastern Ave., Los Angeles, submitted low bid to Naval Supply Depot, San Diego at $5087.30, for furnishing structural steel under Bid No. 550.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until September 11, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1642, for furnishing 4 feed water regulators for the San Francisco Hospital.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until September 11, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1642, for furnishing 4 feed water regulators for the San Francisco Hospital.

Specifications obtainable from the above office.

RECLAMATION SERVICE

KLAMATH PROJECT, Oregon.—Until September 17, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 831-D, for furnishing and delivering f.o.b. cars at bidder's shipping point and/or Klamath Falls, one motor-driven, vertical-shaft pumping unit, complete with motor and all access ries required for a complete operating unit, for use in the Tule Lake No. 6 drainage pumping plant, Klamath Project. The apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

RECLAMATION BUREAU

BOULDER CITY, Nevada. — Until September 8, 10 a.m., bids will be received by the Bureau of Reclamation, Washington, D. C., under Spec. No. 806-D, for furnishing f.o.b. cars at shipping point and/or Boulder City, Nevada, black granite for flagpole base at Boulder Canyon Project. The granite will be installed by the government.

Specifications obtainable from the above office.

BOULDER CITY, Nevada. — Until September 15, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 830-D, for furnishing and delivering f.o.b. cars at bidder's shipping point and/or Boulder City, one 30-ton, standard guage, six - wheel gas-engine-powered, mechanical-drive type locomotive for use on the Boul naedPjceornyoCrTH MH on the Boulder Canyon Project.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

SACRAMENTO CITY

SACRAMENTO, Sacramento Co., Calif.—Until September 14, 5 p.m., bids will be received by the Board of Education of the Sacramento City Unified School District, Chas. C. Hughes, Secretary, 21st and L Sts., Sacramento, for furnishing approximately 10,000 bbls. of 16 gravity fuel oil, and 120 3-tier cords of 16-in. Mountain White Oak, and 40 cords of block wood. Delivery f.o.b. various schools.

Specifications obtainable from the Business Manager, School Administration Bldg., 21st and L Sts., Sacramento.

CALIFORNIA STATE

REDDING.—Until September 8, 10 a.m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 9492, Req. No. 23014, for furnishing one full revolving gasoline-powered shovel, with ⅜-yd. dipper, and enclosed cab.

Delivery to Division of Highways, Shop 2; f.o.b. Redding.

Specifications obtainable from the above office.

OAKLAND.—Until September 5, 10 a.m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 9745, Req. No. 11058, for furnishing one 10-ft. dual-drive, pneumatic-tired motor-grader, with scarifier.

Delivery to Division of Highways, Shop 4, f.o.b. Fruitvale, Oakland.

Specifications obtainable from the above office.

WAR DEPARTMENT

LOS ANGELES.—Until September 10, 3 p.m., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., for furnishing 270,000 lbs. fabricated steel and other metal work incidental to the steel frame work in the floor system of the Glenoaks Blvd. bridge, f.o.b. crossing of Glenoaks Blvd. over Verdugo Wash, Glendale. Bid bond 10% must accompany bid. Circ. Prop. No. 155.

LOS ANGELES.—Until September 11, 3 p.m., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., for furnishing 270,000 lbs. fabricated steel and other metal work incidental to the steel frame work in the floor system of the Jackson St. bridge, f.o.b. crossing of Jackson St. over Verdugo Wash, Glendale. Circ. Prop. No. 156. Bid bond 10% must accompany bid.

LOS ANGELES.—Until September 8, 3 p.m., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., for furnishing 332,000 lbs. fabricated steel and other metal work incidental to the steel framework in the floor system of the Central Avenue bridge, f.o.b. crossing of Central Avenue over Verdugo Wash, Glendale. Bid bond 10% must accompany bid. Circ. Prop. No. 151.

SACRAMENTO, Calif.—Until September 15, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-41, for furnishing 335,000 ft. BM 1x1-in. lumber for mattress construction.

Delivery f.o.b. Lovdal, Calif., and/or bidder's plant.

Specifications obtainable from the above office.

SAN FRANCISCO, Cal.—Until Sept. 3, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Prop. No. 868-37-14, for the sale of eight lots of property, including fans, horns, tools, batteries, and misc. hardware, etc.

Property may be inspected at U. S. Engineer Storehouse, ft. of Marina Blvd., Presidio, S. F., bet. 9 a.m. and 4 p.m. until September 3.

Further information upon application to above office.

FORT MASON.—Until September 3, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-58, for furnishing 1050 pieces No. 1 common Douglas Fir lumber.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until September 14, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-17, for furnishing cold rolled steel anchor bolts, nuts and washers.

Specifications obtainable from the above office.

SACRAMENTO.—Until September 11, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-46, for furnishing 600 round timber piles, 20 ft. long.

Delivery f.o.b. railroad cars, bidder's shipping point.

Specifications obtainable from the above office.

FORT MASON.—Until September 11, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-63, for furnishing air hose, pliers, hacksaw blades, twist drills, files, valve grinder, bronze, brass or copper hammer; wheel puller; screw drivers; wrenches; electric drill; chain hoist; 2-stage stationary air compressor; acetylene generator; etc.

Specifications obtainable from the above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

REFRIGERATING plants; Mare Island. Sch. 8646; Sept. 8.

RUBBER face bearing strips; Mare Island. Sch. 8676; Sept. 8.

CABLE, electric; Mare Island. Sch. 8659; Sept. 8.

TUBES, 2,545 steel tubes, fuel oil heater; Mare Island; 200 do., Puget Sound. Sch. 8685; Sept. 15.

TUBES, 26,800 lbs. admiralty metal evaporator; Mare Island & Puget Sound. Sch. 8690; Sept. 15.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

TREASURY DEPARTMENT

SAN FRANCISCO — Until Sept. 8, 10 A. M., bids will be received by the Procurement office, Treasury Department, Room 514 49th Fourth St., San Francisco, under Bid No. 2389, for furnishing 2500 lin. ft. 1½-in. galvanized conduit and 25,000 lin. ft. 1½-in. black wrought steel standard weight conduit; f.o.b. Page and Broderick Sts., San Francisco.

Specications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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28.—Fire Equipment
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30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS OPENED

TULARE CO., Calif.—Rexroth & Rexroth, 2110 C, Station A, Bakersfield, at $12,488, submitted the only bid received by State Division of Highways, R. M. Gillis, District Engineer, State Highway Bldg., Fresno, for constructing a timber bridge, grading and applying road-mix surface treatment on about 0.34 mile between 0.4 mile and 0.7 mile north of Elda School.

The work involves:
(1) clearing and grubbing right of way;
(2) 200 M. gallons water;
(3) 3,300 cubic yards roadway excavation;
(4) 10,000 sta. yds. overhaul;
(5) 30 cu. yds. structure excavation;
(6) 18 sta. finishing roadway;
(7) 5,000 sq. yds. preparing, mixing and shaping roadbed;
(8) 60 tons liq. asphalt, SC-2 (road-mix surface treatment);
(9) 6 tons liq. asphalt, SC-2 (prime coat);
(10) 11,000 lbs. bar reinforcing steel;
(11) 62 cubic yards class A Portland cement concrete (structures);
(12) 21 M. ft. board measure treated Douglas fir timber;
(13) 6.5 M. ft. board measure, dense select, all heart, structural redwood;
(14) 680 lin. ft. furnishing treated Douglas fir piles, including test piles;
(15) 33 each, driving piles, including test piles;
(16) 12 lin. ft. 8-in. corrugated metal pipe;
(17) 3 each, spillway assemblies;
(18) 80 each, guide posts;
(19) 1 only existing bridge removed and disposed of;
(20) 8 each, monuments complete in place.

Unit bids follow:

(1)	$300.00	(11)	$25.00
(2)	3.00	(12)	110.00
(3)	.75	(13)	100.00
(4)	.02	(14)	.90
(5)	1.50	(15)	30.00
(6)	10.00	(16)	.50
(7)	.10	(17)	20.00
(8)	18.00	(18)	2.00
(9)	20.00	(19)	50.00
(10)	.06	(20)	5.00

COMPLETE BID LISTING

SAN BERNARDINO CO., Calif.—C. F. Robbins, 915 Merritt Bldg., Los Angeles, at $32,369, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a steel stringer bridge with concrete deck across Chino Drainage Canal, about 4.0 miles south of Pomona, and 0.2 mile of roadway to be graded and road mix surface treatment applied.

The work involves:
(1) 280 M gallons water;
(2) 9,200 cu. yds. imported borrow;
(3) 700 cu. yds. struc. excav.;
(4) 2,100 cu. yds. imported selected material;
(5) 14.3 sta. finishing roadway;
(6) 33 tons liquid asphalt SC-4 (road mix surf. treatment);
(7) 3,200 sq. yds. preparing, mixing, and shaping roadbed;
(8) 3.3 tons liquid asphalt 90-95 (seal coat);
(9) 42 tons screenings (seal coat);
(10) 3,000 lbs. bar reinf. steel;
(11) 380 cu. yds. Class A Portland cement concrete (strucs.);
(12) 93,000 lbs. struc. steel;
(13) 5M ft. board measure Redwood timber, dense, select, all-heart, structural grade;
(14) 2,865 lin. ft. furnishing treated Douglas fir piles, including test piles;
(15) 113 each driving treated Douglas fir piles, including test piles;
(16) 32 each guide posts;
(17) 1 lot miscellaneous items of work.

Total bids follow:
(A) C. F. Robbins—$32,369.
(B) Dimmitt & Taylor, Los Angeles—$32,378.70.
(C) John Strona, Pomona—$36,644.03.
(D) V. R. Dennis Constr. Co., San Diego—$40,290.40.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 2.00	$ 1.50	$ 2.22	$ 2.00
(2)	.45	.75	1.11	.75
(3)	1.50	.90	2.78	2.00
(4)	.75	1.00	1.11	2.00
(5)	10.00	15.00	8.90	7.00
(7)	.12	.08	.22	.10
(8)	30.00	25.00	27.80	21.00
(9)	3.50	2.60	3.08	2.40
(10)	.055	.05	.0445	.06
(11)	20.00	17.00	16.80	20.00
(12)	.085	.08	.083	.10
(13)	110.00	150.00	88.00	150.00
(14)	.85	.90	.72	.80
(15)	20.00	16.00	11.10	22.00
(16)	2.50	2.50	2.00	2.50
(17)	750.00	300.00	555.00	1500.00

COMPLETE BID LISTING

ORANGE CO., Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at $62,235.50, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing a reinforced concrete bridge across the Santa Ana River on Bolsa Ave., 2.3 miles west of Santa Ana, consisting of seven 57-ft. girder spans, and two 19-ft. end spans on concrete piers, and approximately 0.2 mile of roadway to be graded and surfaced with plant mixed surfacing.

The work involves:
(1) 15 sta. clear and grub;
(2) 270 M gals. water;
(3) 1,900 cu. yds. struc. excav.;
(4) 9,500 cu. yds. imported borrow;
(5) 15 sta. finishing roadway;
(6) 690 tons mineral aggregate (plant mix. surf.);
(7) 37 tons liq. asphalt MC-4 or MC-5 (plant mix. surf.);
(8) 4 tons liq. asphalt MC-2 (prime coat);
(9) 1,560 cu. yds. Class A Portland cement concrete (strucs.);
(10) 47 cu. yds. Class A Port. cem. conc. (railing);
(11) 290,000 lbs. bar reinf. steel;
(12) 6,015 lin. ft. furnishing treated Douglas fir piles, including test piles;
(13) 240 each drive piles, including test piles;
(14) 44 each guide posts;
(15) 1 lot misc. items of work.

Total bids follow:
(A) J. F. Knapp—$62,235.50.
(B) Griffith Co., Los Angeles—$67,161.50.
(C) Carlo Bongiovanni, Los Angeles—$69,700.74.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 10.00	$ 5.00	$ 10.00
(2)	1.00	1.50	2.00
(3)	1.00	1.40	1.50
(4)	.55	.35	.100
(5)	10.00	10.00	10.00
(6)	4.00	3.50	3.16
(7)	20.00	16.00	15.42
(8)	25.00	19.00	22.50
(9)	17.50	22.50	19.50
(10)	60.00	55.00	50.00
(11)	.04	.04	.0425
(12)	.70	.70	.72
(13)	10.00	12.00	15.00
(14)	2.50	2.00	1.00
(15)	2500.00	1000.00	600.00

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BIDS WANTED

KERN CO., Calif.—Until September 14, 11 a.m., bids will be received by the Kern County Board of Supervisors, F. E. Smith, County Clerk, Court House, Bakersfield, for the construction of a timber bridge across Beardsley Canal on Snow Road.

The work involves:
(1a) Excavation;
(1b) Embankment;
(2a) 40,344 M. FBM Redwood timber, in place;
(2b) 26,214 M. FBM Douglas Fir timber, in place;
(3) 3 fire barrels, in place, complete.

Plans and specifications obtainable from the office of the County Surveyor.

BIDS WANTED

ORANGE COUNTY, Cal. — Until September 24, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete girder bridge on Ocean Ave. at Santa Ana River, consisting of thriteen 44 ft. 6 in. spans and two 16 ft. end cantilevers on concrete bents, and grading and surfacing approaches with plant mixed surfacing, a length of about 0.5 mile.

The work involves:
(1) 25 sta. clear and grub right-of-way;
(2) 130 M. gals. water;

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

(3) 400 cu. yds. roadway excavation unclass.;
(4) 2700 cu. yds. imported borrow;
(5) 25 sta. finishing roadway;
(6) 1200 tons mineral aggregate plant mix surface);
(7) 63 tons liquid asphalt MC-4 or MC-5 (plant mix surface);
(8) 7 tons liq. asphalt MC-2 (prime coat);
(9) 1365 cu. yds. Class A Portland cement concrete (structs.);
(10) 67 cu. yds. Class A Portland cement concrete (railing);
(11) 312,000 lbs. bar reinf. steel;
(12) 5070 lin ft. furnishing reinforced piles, including test piles;
(13) 126 each drive reinf. concrete piles, including test piles;
(14) 76 each guide posts;
(15) 1 lot miscellaneous items of work.

able from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, and Los Angeles.

BIDS OPENED

YAKIMA PROJECT, Washington.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 816-D, for furnishing structural steel for one highway bridge and one hoist bridge over the spillway channel at the Kachess Dam, Yakima Project:

Spuck Iron & Foundry Co., St. Louis—$800; ½% discount; f.o.b. St. Louis.

Virginia Bridge Co., Roanoke—$860; net; f.o.b. Memphis.

Isaacson Iron Works, Seattle—$1,059; ½% discount; f.o.b. Seattle.

Milwaukee Bridge Co., Milwaukee—$1,066; net; f.o.b. Milwaukee.

Joseph T. Ryerson & Son, Inc., Chicago—$1,087; ½% discount; f.o.b. Chicago.

Bethlehem Fabricators, Inc., Bethlehem—$1,127; net; f.o.b. Easton, Wash.

Wallace Bridge & Structural Steel Co., Seattle—$1,192; net; f.o.b. Easton.

Midwest Steel & Iron Works, Denver—$1,240; ½% discount; f.o.b. Denver. 20

CONTRACT AWARDED

TILLAMOOK CO., Oregon.—Odom & Skeels, Box 48, Oregon City, at $13,-889, submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for constructing a bridge over Jordan Creek on the Wilson River highway, about 18 miles east from Tillamook, Tillamook County.

The work involves.
(1) 95 c.y. excavation;
(2) 340 c.y. concrete;
(3) 62,000 lbs. metal reinforcement;
(4) 310 l.f. concrete handrail.

BIDS OPENED

SANTA CRUZ CO., Calif.—Earl W. Heple, 494 Delmas Ave., San Jose, at $11,248.50, submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for constructing a bridge across Scott Creek and a culvert across Mill Creek, between Davenport and Santa Cruz-San Mateo Co. Line in Santa Cruz Co.

The work involves:
(1) 830 c.y. unclassified roadway excavation;
(2) 50 c.y. structure excavation;
(3) 3 tons liquid asphalt, type SC-2 (in place);
(4) 13,300 lbs. bar reinf. steel (in place);
(5) 82 c.y. Class A Portland cement concrete (in place);
(6) 18,500 lbs. structural steel (in place).
(7) 32 M FBM redwood timber, dense select, all-heart structure grade;
(8) 4 M FBM redwood timber, select all-heart structure grade;
(9) 6 M. FBM Douglas fir timber (in place);
(10) 2,440 lin. ft. furnishing treated Douglas fir piles, including piles for tests;
(11) 54 piles, including test piles (driven in place);
(12) 48 lin. ft. 18-in. CMP, in place (pipe to be furnished by State);
(13) 52 lin. ft. 36-in. CMP, in place (pipe to be furnished by State);
(14) 4 clearance markers (in place);
(15) lump sum, existing bridge and culvert removed and disposed of

Total bids follow:
(A) Earl W. Heple, San Jose—$11,-248.50.
(B) F. O. Bohnett, Campbell—$11,-568.00.
(C) A. Soda & Son, Oakland—$11,-773.00.
(D) Peter J. McHugh, Sacramento—$11,819.40.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	$ 1.00	$ .75	$ 1.20	$ 1.00
(2).....	2.50	2.50	2.00	2.00
(3).....	40.00	50.00	35.00	57.00
(4).....	.06	.06	.06	.056
(5).....	25.00	30.00	24.50	29.00
(6).....	.095	.07	.08	.06
(7).....	155.00	180.00	250.00	108.00
(8).....	115.00	140.00	130.00	94.00
(9).....	70.00	100.00	86.00	77.00
(10).....	.80	.85	.70	.85
(11).....	30.00	20.00	30.00	46.00
(12).....	1.00	.75	2.50	1.50
(13).....	1.00	1.00	4.00	3.00
(14).....	5.00	10.00	15.00	4.00
(15).....	500.00	1100.00	733.00	500.00

BIDS WANTED

LOS ANGELES CO.—Until September 24, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete girder bridge across San Gabriel River about three miles north of Santa Fe Springs, consisting of six 63-ft. spans and two 22-ft. cantilevers, and about 0.39 mile approach roadway grading and paving with Portland cement concrete and plant-mixed surfacing.

The work involves:
(1) 25 sta. clear and grub right of way;
(2) 1,100 M. gals. water;
(3) 1,200 cu. yds. roadway excav, unclassified;
(4) 1,000 cu. yds. struct. excav.;
(5) 45,000 cu. yds. imported borrow;
(6) 350 sta. yds. overhaul;
(7) 1,550 tons imported subgrade material;
(8) 490 cu. yds. conc. pave. remove and dispose of;
(9) 5,800 cu. yds. refuse mud removed and disposed of;
(10) 4,600 sq. yds. preparing subgrade;
(11) 21 sta. finishing roadway;
(12) 785 tons mineral aggregate (plant-mix surf.);
(13) 6 tons liq. asphalt, MC-2 (prime coat);
(14) 42 tons liq. asphalt, MC-4 or MC-5 (plant-mix surf.);
(15) 45 tons liq. asphalt, SC-2 (road-mix. surf treatment);
(16) 4 tons liq. asphalt, SC-2 (prime coat);
(17) 3,700 sq. yds. preparing, mixing and shaping shoulders;
(18) 915 cu. yds. Class A Portland cement concrete (pave.);
(19) 1,900 each pave. dowels;
(20) 1,985 cu. yds. Class A Portland cement concrete (structs.);
(21) 42 cu. yds. Class A Portland cement concrete (railing);
(22) 408,500 lbs. bar reinf. steel (pave and structure);
(23) 4,375 lin. ft. conc. piles, cast in place;
(24) 50 each timber guide posts;
(25) 1 only exist. bridge remove and dispose of;
(26) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—J. E. Haddock, Ltd., 357 N. Chester St., Pasadena, at $89,449.80, awarded contract by the State Division of Highways, Sacramento, for constructing a reinforced concrete subway structure and grading and paving about 0.4 mile in Pasadena, between Club Road and El Circulo.

BIDS OPENED

FRESNO CO., Cal.—R. R. Bishop, 5017 E. Broadway, Long Beach, at $6,085 submitted low bid to the State Division of Highways, R. M. Gillis, Dist. Engineer, State Highway Bldg., Fresno, for constructing a bridge across Lone Tree Channel, 13.8 miles east of Fresno.

The work involves:
(1) 400 c.y. structure excavation;
(2) 145 c.y. Class A portland cement concrete (structures);
(3) 15,000 lbs. bar reinf. steel;
(4) 1.6 MFBM dense, select, all-heart redwood timber;
(5) One only remove existing bridge.

Total bids follow:
(A) R. R. Bishop, Long Beach, $6,-085.00.
(B) Midstate Const. Co., Fresno, $6,-435.00.

Unit bids follow:

	(A)	(B)
(1).....	$ 3.00	$ 2.00
(2).....	20.00	27.00
(3).....	.055	.06
(4).....	100.00	200.00
(5).....	1000.00	500.00

CONTRACT AWARDED

SAN DIEGO CO., Calif.—V. R. Dennis Constr. Co., 3911 Fifth Ave., San Diego, at $33,723.59, awarded contract by the State Division of Highways, Sacramento, for constructing a reinforced concrete bridge across Las Choyas Creek at Main Street in the city of San Diego, consisting of three 30-ft. spans on concrete pile bents and concrete abutments with timber pile foundations and grading and surfacing approximately 0.19 mile of roadway with plant-mixed surfacing to be used as a detour.

CONTRACT AWARDED

CLARK CO., Nevada.—Jack Casson, 22105 Meekland Ave., Hayward, at $173,241.60, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for constructing a concrete and steel underpass and approaches on Clark Ave. in Las Vegas, a length of approximately 0.18 mile.

Pacific Construction Co., Reno, at $174,697.70, submitted second low bid.

Complete bids will be published shortly.

CONTEMPLATED

PLEASANTON, Alameda Co., Calif.—Trustees of the Western Pacific R.R. Co. have been granted permission to construct a new 135-ft. bridge with a 70-ft. fill at the western end to replace the existing 210-ft. wooden span near Pleasanton. Estimated cost, $43,-372. James W. Williams and Chas. Elsey are engineers for the company.

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until September 15, 2 P. M., bids will be received by the State Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Avenue, bridge across south fork of Trinity Eureka, for repairs to the existing

River, about one mile west of Salyer, Humboldt County.

Plans and specifications obtainable from the above office.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

SAN FRANCISCO.—Until September 10, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. ER-868-37-12, for the lease and operation of one cutter-head pipe-line dredge in San Francisco Bay, in the vicinity of Yerba Buena Shoals.

Pipe lines not in excess of 6,500 ft. long will be required. Two thousand feet of pontoon discharge, line, with satisfactory pontoons and connections, will be required at times. A minimum of 1,000 ft. of suitable shore pipe will be required.

The dredge will be required for three to six months.

Specifications obtainable from the above office.

LOW BIDDER

COOS BAY, Oregon — Tacoma Dredging Co., 1113½ A St., Tacoma, at $179,214 submitted low bid to the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Bid No. 698-37-86, for dredging approximately 1,506,000 cu. yds. of material from the channel in Coos Bay and Isthmus Slough between mile 7½, about 1½ miles below the Southern Pacic Railroad Bridge and mile 15 at the upper end of the Coos Bay Lumber Co. (Smith total distance of about , 2 miles.

Complete bids will be published shortly.

23— CANALS

CONTRACT AWARDED

BOISE PROJECT, Idaho.—J. A. Terteling & Sons, P.O. Box 1406, 2232 Fairview Ave., Boise, at $292,796, awarded contract by the Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, Oregon, for constructing earthwork, tunnels, canal lining and structures, Black Canyon Canal, Station 606 plus 70 to Station 643 plus 40 and Station 719 plus 70 to Station 742 plus 45, Payette Division, Boise Project. Spec. No. 688.

AWARD RECOMMENDED

STANISLAUS COUNTY, Cal.—California Gunite Constr. Co., 1006 North Sycamore Ave., Los Angeles, at $121,402.14 submitted low bid and recommended for award of contract by the Turlock Irrigation District, R. V. Meikle, Chief Engineer, Turlock, for lining and improving existing canal structures. A grant of 30% of the total cost, estimated at $130,000 has been allotted by the PWA.

The work involves:

SCHEDULE 3
(Main Canal at Peasley)

(1) 133,656 sq. ft. 2-in. levee lining;
(2) 2 cu. yds. raising and connecting existing structures;

SCHEDULE 4
(Main Canal at Warners)

(1) 259,233 sq. ft. 2-in. levee lining;
(2) 65 cu. yds. concrete floor under bridge and raising and connecting structures;

SCHEDULE 5
(Main Canal)

(1) 16,033 sq. ft. 2-in. levee lining from Highline to Drop 7 and above Hickman Bridge;
(2) 168 cu. yds. raising and connecting structures; concrete deck on one bridge, concrete floor under two bridges.

SCHEDULE 7
(Turlock Main Canal, Montpellier Road to Dr. 4)

(1) 44,856 sq. ft. 2-in. levee lining;
(2) 1 cu. yd. raising and connecting structure.

SCHEDULE 8
(Turlock Main Canal, Monte Vista Road to Dr. 7)

(1) 205,044 sq. ft. 2-in. levee lining;
(2) 117 cu. yds. raising and connecting structures; new Drop 5½; concrete floor under 2 bridges.

SCHEDULE 11

(1) 77,122 sq. ft. 2-in. levee lining;
(2) 5 cu. yds. raising and connecting structures.

SCHEDULE 12
(Turlock Main Canal, Dr. 7 to S. P. R. R. Lat. 6)

(1) 633,854 sq. ft. 2-in. concrete lining
(2) 73 cu. yds. raising and connecting structures and new concrete measuring weir;
(3) 2,335 lin. ft. gunite work against old levee lining.

The bidders were:

(A) California Gunite Constr. Co., Los Angeles; total bid, $121,402.14.
(B) Lloyd W. Terell, Turlock; partial bid.
(C) Ed. Erickson, Modesto; partial bid.

Total bids on each schedule follow

	(A)	(B)	(C)
(3)	$10,995.70	$12,729.32	$.....
(4)	23,398.27	24,370.97	.....
(5)	4,647.93	4.835.03	.....
(7)	4.010.19	4.142.75	.....
(8)	18,831.56	20.793.96	.....
(11)	6,568.24	7.175.22	.....
(12)	52,950.16	.....	60,488.43

September 3, 1936

BIDS OPENED

SAN FRANCISCO—Boiler Tank & Pipe Co., 800 75th Ave., Oakland, at $92.70 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 4626, for furnishing and welding one three-sixteenth-inch false bottom in truck. Welded all around edges and near center where two sheets meet.

Wesco Machinery Mfg. Co., at $97, submitted the only other bid.

25

24— STREET LIGHTING SYSTEMS

NEW BIDS ASKED

SAN FRANCISCO—Until September 11, 3 P. M., bids will be received by the Public Utilities Commission, City Hall, undr Municipal Railway Contract No. 173, for moving and resetting concrete , trolley poles lengthening spans, adjusting trolley wires, adapting manholes and painting poles on Van Ness Ave. from Market St. to North Point St.

The work involves:

(1) 244 poles set in earth;
(2) 4 poles set in basements.

H. S. Tittle Co., 85 Columbia Sq., at $15,252 submitted low bid at the previous opening.

CONTRACT AWARDED

SAN FRANCISCO—Geo. F. Breyer, 166 7th St., at $23,220 awarded contract by the Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 16, for the installation of street lighting system on Folsom St., bet. Tenth St. and The Embarcadero.

BIDS OPENED

SAN FRANCISCO.—H. S. Tittle Co., 85 Columbia Square, at $15,252, submitted low bid to the Public Utilities Commission, City Hall, under Municipal Ry. Contract No. 173, for moving and resetting concrete trolley poles, lengthening spans, adjusting trolley wires, adapting manholes and painting poles on Van Ness Ave., from Market St. to North Point.

The work involves:

(1) 244 poles set in earth;
(2) 4 poles set in basements.

Complete bids follow:

H. S. Tittle Co.—(1) $61.50; (2) $61.50; total, $15,252.
Severin Electric Co.—(1) $68; (2) $89; total, $16,948.
R. Flatland—(1) $97; (2) $175; total, $24,368.

Bids held under advisement

BIDS WANTED

FRESNO CO., Calif.—Until September 3, 11 a.m., bids will be received by the Fresno City Commission, H. S. Foster, City Clerk, City Hall, for the construction of lighting systems for the Roeding Park Tennis Courts.

Plans and specifications obtainable from the above office.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

SAN FRANCISCO.—Ocean Shore Iron Works, 550 8th St., at $240, awarded contract by the Department of Public Works, City Hall, under Bid No. 4578, for constructing an asphalt surface heater hood.

BIDS OPENED

OAKLAND, Calif.—Following bids received by the East Bay Municipal Utility District, Oakland, under Bid No. 784, for the rental of eleven trucks:

(1) 1½-ton flatbed truck for a period of 2400 hours, four trucks, maximum required at any one time;
(2) 2 c.y. dump trucks for a period of 4000 hours; seven trucks, maximum required at any one time.

Eddy Landau—(1) $1,920; (2) $3,200; 2%, 30 days.
L. M. Clough—(1) $2,136; (2) $4,000, power loading; (2b) $3,600, bunker loading; (2c) $3,200, hand loading.
Alexander Bros.—(1) $2,400; (2) $5,000; 2%, 30 days.
Barney Trucking Co.—(1) $3,240; (2) $5,800.
Rampone Bros.—(1) $2,760; (2) no bid.
A. J. McCosker—(1) no bid; (2) $3,200.
A. L. Green—(1) no bid; (2) $3,600.

BIDS OPENED

SAN FRANCISCO.—George F. Brayer, 166 7th St., at $23,200, submitted low bid to the Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 16, for the installation of street lighting system on Folsom Street, between Tenth St. and the Embarcadero.

The work involves:

(1) 91 electroliers, with auto-transformers;
(2) 18,000 ft. 1½-in. conduit;
(3) 24,000 ft. primary cable;
(4) 55 extra conduit stubs in foundations.

Complete bids follow:

George F. Brayer	$23,220.00
Severin Electric Co.	24,300.00
F. Flatland	24,334.00
Abbett Electric Co.	25,275.00
H. C. Reid & Co.	25,440.00
Underground Constr. Co., Berkeley	26,358.00

Bids held under advisement. 34

BIDS OPENED

ONTARIO, Oregon.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 819-D, for furnishing two motor-driven, vertical, centrifugal pumping units, each having a capacity of 45 second-feet when operating under a total dynamic head of 111 feet; two motor-driven, vertical, centrifugal pumping units, each having a capacity of 38 second-feet when operating under a total dy-

namic head of 83 feet; and one motor-driven, vertical, centrifugal pumping unit having a capacity of 10 second-feet when operating under a total dynamic head of 50.5 feet.

Pumps are to be installed in the Payette-Oregon Slope pumping plant, Owyhee Project.

Fairbanks - Morse & Co., Kansas City, Mo.—$32,354; f.o.b. Beloit, Wis.

Bingham Pump Co., Portland—$39,-541; f.o.b. Ontario, Oregon.

Worthington Pump & Machinery Corp., Harrington, N. J.—$41,808; f.o.b. Corp., Harrison, N. J.—$41,808; f.o.b. Harrison, N. J.

Allis-Chalmers Mfg. Co., Milwaukee —$41,600; f.o.b. Milwaukee.

All bidders specify delivery in 120 days.

BIDS OPENED

GRAND COULEE, Wash.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 817-D, for furnishing fourteen cast-iron bulkheads for installation in the Grand Coulee power plant:

Filer & Stowell Co., Milwaukee—$1,600; net; f.o.b. Milwaukee.

Crawford & Doherty Foundry Co., Portland—$800; net; f.o.b. Portland.

Baxter Foundry & Machine Works, Boise—$962.50; ½% discount; f.o.b. Boise.

Atlas Foundry & Machine Co., Tacoma—$1,131; 1% discount; f.o.b. Tacoma.

Olympic Foundry Co., Seattle—$1,185 net; f.o.b. Seattle.

Steacy Schmidt Mfg. Co., York, Pa. —$810; net; f.o.b. York.

Western Foundry Co., Portland—$1,006; 2% discount; f.o.b. Portland.

Union Iron Works, Spokane—$1,122; net; f.o.b. Spokane.

Commercial Iron Works, Portland—$1,147; net; f.o.b. Portland.

Ottumwa Iron Works, Ottumwa, Ia. —$1,030; ½% discount; f.o.b. Ottumwa.

Joshua Hendy Iron Works, San Francisco—$1,415; net; f.o.b. Sunnyvale.

Long Beach Iron Works—$914; net; f.o.b. Long Beach.

St. Paul Foundry Co., St. Paul—$875; net; f.o.b. St. Paul.

26—— RAILROADS

PREPARING PLANS

SACRAMENTO COUNTY, Cal.—Captain A. W. Parker, Constructing Quartermaster, Post Office Terminal Bldg., Fifth and I Sts., Sacramento, is preparing plans and specifications for railroad spur track connections at the Sacramento Supply and Repair Base of the Army Air Corps. Work probably will be ready for contracting within 90 days.

CONTRACT AWARDED

FORT PECK, Montana.—Tomlinson-—Arkwright Constr. Co., First National Bank Bldg., Great Falls, at $296,731, awarded contract by Lieut.-Col. T. B. Larkin, District Engineer, Fort Peck, for the construction of a standard gauge railway from the Great Northern tracks at Harlem, Mont., to Snake Butte, Montana.

29—- STREETS AND HIGHWAYS

BIDS WANTED

FRESNO CO., Calif.—Until September 23, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.9 miles grading and paving with asphalt concrete and Portland cement concrete in Fresno County, between Biola Junction and Herndon.

The work involves:

(1) clearing and grubbing right of way;
(2) 4,950 M. gals. water;
(3) 22,000 c.y. roadway excav., unclassified;
(4) 500 c.y. struct. excav.;
(5) 550 c.y. ditch excav.;
(6) 69,000 c.y. imported borrow;
(7) 50,000 sta. yds. overhaul;
(8) 64,000 sq. yds. preparing subgrade;
(9) 350 tons coarse rock subgrade;
(10) 2,500 c.y. exist. conc. to be removed and disposed of;
(11) 207 sta. finishing roadway;
(12) 6,300 tons mineral aggregate (plant-mix surf.);
(13) 320 tons liq. asphalt, SC-4 (plant-mix surf.);
(14) 60 tons liq. asphalt, SC-2 (prime coat);
(15) 240 tons liq. asphalt, SC-2 (road-mix surf. treatment);
(16) 31,000 sq. yds. preparing, mixing and shaping shoulders;
(17) 30 tons liq. asphalt, SC-4, retempering;
(18) 27,300 sq. yds. remixing plant-mix surf.;
(19) 4,600 tons asphalt conc. (base and leveling course);
(20) 2,400 tons asphalt conc. (Type A surf. course);
(21) 8,720 c.y. Class A Portland cement conc. (pavement);
(22) 17,600 each pave dowels;
(23) 10 sections pavement crossing devices (Type B-10);
(24) 58,000 lbs. bar reinf. steel (pave and structs.);
(25) 175 c.y. Class A Portland cement conc. (structs.);
(26) 180 lin. ft. 24-in. stand. reinf. conc. pipe;
(27) 126 lin. ft. 26-in. by 6½-in. part. circle C M culvert;
(28) 60 lin. ft. laminated guard railing;
(29) 4 each culvert markers;
(30) 3.4 miles moving and resetting property fence;
(31) 20 each moving and resetting monuments;
(32) 20 each new monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Fresno. * 29

CONTRACT AWARDED

LOS ANGELES & ORANGE COS.—C. O. Sparks & Mundo Engineering Co., 2309 E. Olympic Blvd., Los Angeles, at $209,322, awarded contract by the State Division of Highways, Sacramento, for grading and paving with asphaltic concrete, Portland cement concrete, and plant-mixed surfacing about 12 miles in Los Angeles and Orange Counties between Norwalk and Miraflores.

BIDS WANTED

SAN DIEGO CO., Calif.—Until September 24, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 2.8 miles grading and applying road-mix surface treatment in San Diego County, between 2.5 miles east of Rincon and Rancho Cuca.

The work involves:

(1) Clear and grub right of way;
(2) 38,500 c.y. roadway excav., unclassified;
(3) 23,500 sta. yds. overhaul;
(4) 1,200 c.y. struct. excav.;
(5) 148 sta. finishing roadway;
(6) 210 tons liq. asphalt, SC-2;
(7) 34,000 sq. yds. preparing, mixing and shaping roadbed;
(8) 1,300 lbs. bar reinf. steel (structures);
(9) 53 c.y. Class A Portland cement concrete (structs.);
(10) 812 lin. ft. 18-in. CMP;
(11) 58 lin. ft. 24-in. CMP;
(12) 48 lin. ft. 36-in. CMP;
(13) 132 lin. ft. 60-in. CMP;
(14) 380 lin. ft. clean and relay exist. CMP culverts;
(15) 2.25 miles exist property fences moved and reset;
(16) 110 each monuments complete in place.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Diego.

BIDS WANTED

MOHAVE CO., Arizona.—Until September 12, 10 a.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway improvement on the Ashfork-Kingman Highway, F.A. 118-B; A.F.E. 667t. The work, which is to begin at the southwest end of NRH 80-J in Mojave Co. and is to extend southwesterly 1.7 miles to connect with WPGH 118-A, consists of the grading and draining and placing of base course material and is to be completed on or before December 15, 1936.

The principal items are:

21,290 cu. yds. roadway excav.;
1,000 cu. yds. slides and overbreakage;
1,950 cu. yds. drainage excavation;
860 cu. yds. structural excavation;
9,580 cu. yds. imported borrow;
3,300 cu. yds. selected material;
700 M. gals. water;
560 cu. yds. concrete;
90,450 lbs. reinf. steel;
900 lin. ft. CMP, various sizes;
17,700 lin. ft. standard line fence;
4,000 lin. ft. road guard;
519 cu. yds. rock basket riprap.

Plans may be obtained at the office of the State Highway Engineer, T. S. O'Connell, 17th Ave. and Jackson St. Certified or cashier's check for 5% must accompany each proposal.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until September 16, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 1.2 miles surfacing with bituminous treated surfacing and 4.1 miles surfacing with crusher run base in Sacramento County between H Street subway and Auburn Blvd.

The work involves:

(1) 22,000 tons crusher run base;
(2) 650 M. gals. water;
(3) 2550 tons mineral aggregate (bituminous treated surf.);
(4) 150 tons asphaltic emulsion (bituminous treated surf.);
(5) 10 tons asphaltic emulsion (paint binder and seal coat);
(6) 55 tons liquid asphalt SC-2 (prime coat);
(7) 120 tons sand (seal coat and prime coat);
(8) 58 tons liquid asphalt 90-95 (seal coat);
(9) 700 tons screenings (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer, in San Francisco, Los Angeles, and Marysville.

BIDS WANTED

MERCED CO., Calif.—Until September 23, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.5 miles grading and surfacing with plant-mixed surfacing on crusher run base in Merced County, between Los Banos and 10.5 miles easterly.

The work involves:

(1) 552 sta. clear and grub right of way;
(2) 4,300 M. gals. water;
(3) 66,000 c.y. roadway excav., unclassified;
(4) 66,250 c.y. struct. excav.;
(5) 3,500 c.y. ditch and channel excav.;
(6) 76,000 sta. yds. overhaul;
(7) 76,000 c.y. imported borrow;
(8) 552 sta. finishing roadway;
(9) 575 c.y. exist. conc. to be removed and disposed of;
(10) 13,200 tons crusher run base;
(11) 5,700 tons mineral aggregate (plant-mix surf.);
(12) 43 tons liq. asphalt, MC-2 (prime coat);
(13) 270 tons liq. asphalt, MC-4 or MC-5 (plant-mix surf.);
(14) 15 tons liq. asphalt ROMC-3 (plant-mix surf.);
(15) 32 tons liq. asphalt, MC-3 (seal coat);
(16) 350 tons screenings (seal coat);
(17) 2,500 sq. yds. asphaltic paint binder;
(18) 590 tons liq. asphalt, SC-2 (shoulders);
(19) 97,000 sq. yds. preparing, mixing and shaping shoulders;
(20) 750 c.y. Class A Portland cement concrete (structs.);
(21) 59,000 lbs. bar reinf. steel;
(22) 9,700 lbs. struct. steel;
(23) 312 lin. ft. 12-in. CMP;
(24) 1,750 lin. ft. 18-in. CMP;
(25) 630 lin. ft. 24-in. CMP;
(26) 18 lin. ft. 36-in. CMP;
(27) 552 lin. ft. 18-in. CMP siphons;
(28) 822 lin. ft. 24-in. CMP siphons;
(29) 916 lin. ft. 30-in. CMP siphons;
(30) 84 lin. ft. 36-in. CMP siphons;
(31) 1,764 lin. ft. 30-in. conc. pipe;
(32) 1 each 24-in. hand-operated slide gate;
(33) 2 each 30-in. hand-operated slide gates;
(34) 7 each 12-in. alfalfa valves;
(35) 1 each 18-in. alfalfa valve;
(36) 38 each 18-in. automatic drainage gates;
(37) 5 each 24-in. automatic drainage gates;
(38) 40 each 18-in. conc. joints, pipe siphons;
(39) 45 each 24-in. conc. joints, pipe siphons;
(40) 42 each 30-in. conc. joints, pipe siphons;
(41) 4 each 36-in. conc. joints, pipe siphons;
(42) 21 each exist. headwalls to be moved and reset;
(43) 1,400 lin. ft. laminated guard railing;
(44) 1,825 lin. ft. exist. guard rail to be removed and salvaged;
(45) 1,579 lin. ft. exist. CMP to be removed and salvaged;
(46) 156 lin. ft. exist. CMP to be removed and relaid;
(47) 34 each culvert markers;
(48) 15.5 miles new property fence;
(49) 0.3 mile exist. property fence to be moved and reset;
(50) 55 each drive gates;
(51) 116 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Stockton.

CONTRACT AWARDED

FRESNO, Fresno Co., Calif.—Valley Paving & Construction Co., P.O. Box 1349, Fresno, at $11,966, submitted low bid and awarded contract by the Fresno City Commission, H. S. Foster, City Clerk, for paving with asphalt concrete on O Street, from Stanislaus to Fresno Streets, and constructing sidewalks, curbs, and gutters.

NO BIDS RECEIVED

TULARE & FRESNO COS., Calif.—No bids were received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for placing a bituminous treated crushed rock base course on 6.13 miles of Route 1, the Generals Highways, General Grant National Park and on Sections B (portions) and C, General Grant-Sequoia Park Approach Road, Sequoia National Forest, Tulare and Fresno Counties.

BIDS OPENED

SACRAMENTO CO., Calif.—Al W. Simmonds, 3427 J St., Sacramento, at $2,470, submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, Marysville, for traffic striping at various locations in District III, about 425 miles of traffic stripe to be applied to existing pavement in Sacramento, Placer, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, El Dorado and Nevada Counties.

The work involves:

(1) 100 miles traffic stripe spotting;
(2) 425 miles traffic stripe painting.

Complete bids follow:

Al W. Simmonds, Sacramento—(1) $6; (2) $4.40; total, $2,470.
S. A. Cummings, San Diego—(1) $6.80; (2) $4.90; total, $2,762.50. * 29

BIDS WANTED

MONTEREY COUNTY, Cal.—Until September 23, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.9 mile grading and surfacing with crusher run base and plant-mixed surfacing in the city of Salinas, Monterey County, on Market St., between Lincoln St. and the westerly city limits.

The work involves:

(1) 580 M. gals. water;
(2) 15 cu. yds. remove exist. conc.;
(3) 11,400 cu. yds. roadway excav. unclass.;
(4) 3000 cu. yds. imported borrow;
(5) 3800 cu. yds. subbase and shoulder material;
(6) 7700 sq. yds. salvaged macadam base;
(7) 1700 tons crusher run base;
(8) 17 tons liquid asphalt SC-2 (prime coat);
(9) 1680 tons mineral aggregate (plant-mix surf.);
(10) 87 tons liquid asphalt ROMC-3, ROMC-4, ROMC-5 (plant-mix surface);
(11) 28 tons liquid asphalt MC-3 (seal coat);
(12) 200 tons screenings (seal coat);
(13) 25 tons liquid asphalt SC-2 (penetration oil treatment).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Luis Obispo. *

BIDS WANTED

SANTA CRUZ COUNTY, Cal.—Until September 23, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.1 mile grading at Inspiration Point between Los Gatos and Santa Cruz in Santa Cruz County.

The work involves:

(1) 45 M. gals. water;
(2) 38,000 cu. yds. roadway excavation unclass.;
(3) 25,000 cu. yds. trench excavation;
(4) 5000 cu. yds. rock backfill.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

SAN MATEO CO.—Until September 23, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 1.3 miles grading and surfacing with crusher run base and bituminous macadam surfacing in San Mateo County between Menlo Country Club and Woodside.

The work involves:

(1) 67 sta. clear and grub right of way;
(2) 800 M. gals. water;
(3) 10 c.y. remove exist. conc.;
(4) 90,000 c.y. roadway excavation, unclass.;
(5) 4,000 sq. yds. pave. removal;
(6) 1,500 c.y. struct. excav.;
(7) 800 c.y. ditch and channel exc.;
(8) 750,000 sta. yds. overhaul;
(9) 67 sta. finishing roadway;
(10) 6,200 tons crusher run base;
(11) 50 tons liq. asphalt, SC-1A (penetration oil treatment);
(12) 1,450 tons broken stone (bituminous macadam surface);
(13) 115 tons liq. asphalt, 90-95;
(14) 2,300 lbs. bar reinf. steel;
(15) 45 c.y. Class A Portland cement concrete (structs.);
(16) 100 lin. ft. 8-in. CMP;
(17) 900 lin. ft. 18-in. CMP;
(18) 690 lin. ft. 24-in. CMP;
(19) 320 lin. ft. 8-in. perf. metal pipe;
(20) 55 c.y. rock filling material;
(21) 174 lin. ft. clean and relay pipe culverts;
(22) 87 lin. ft. clean and salvage pipe culverts;
(23) 7 each spillway assemblies;
(24) 34 each culvert markers;
(25) 200 each guide posts;
(26) 0.7 mile new property fence;
(27) 9 each drive gates;
(28) 34 each monuments.

NOTE: The State will furnish corrugated metal pipe, perforated metal pipe, and embankment protectors as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

SAN LUIS OBISPO & MONTEREY COS., Calif.—Oilfields Trucking Co., Box 751, Bakersfield, at $10,764.20, awarded contract by the State Division of Highways, Sacramento, for applying road-mix surface treatment to shoulders on about 10.8 miles between Paso Robles and 0.2 mile north of San Luis Obispo-Monterey County line.

LOW BIDDER

LOS ANGELES CO., Calif.—Matich Bros., Elsinore, at $218,501.80, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 3.1 miles grading and paving with portland cement concrete on Sepulveda Blvd. from Lincoln Blvd. to Centinela Ave.

Complete bids will be published shortly. *

COMPLETE BID LISTING

SAN DIEGO & Imperial Counties, Cal.—R. E. Hazard & Sons, 2548 Kettner Blvd., P. O. Box 1438, San Diego, at $67,812, as previously reported, submitted the low bid to the State Division of Highways, C H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for placing plant - mix surfacing over existing pavement at various locations between 2.0 miles east of Alpine and 0.2 mile east of the San Diego-Imperial county line. Shoulders to be constructed and road mix surface treatment applied on a net length of about 8.4 miles.

The work involves:

(1) 190 M gals. water;
(2) 5,500 cu. yds. imported borrow;
(3) 441 sta. finishing roadway;
(4) 8,450 tons mineral aggregate (plant mix. surf.);
(5) 340 tons liq. asphalt MC-5 or MC-extra heavy;
(6) 99,500 sq. yds. asphaltic paint binder;
(7) 500 tons liq. asphalt SC-2 (shoulders);
(8) 79,000 sq. yds. prepare, mix, and shape shoulders.

Total bids follow:

(A) R. E. Hazard & Sons, San Diego $67,812.00.
(B) Daley Corp., San Diego, $72,-569.50.
(C) V. R. Dennis Const. Co., San Diego, $76,805.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$2.40	$2.00	$2.50
(2)	.85	.80	.75
(3)	6.00	7.00	10.00
(4)	4.30	4.50	5.00
(5)	20.00	20.00	19.00
(6)	.05	.045	.05
(7)	12.00	15.00	14.00
(8)	.075	.10	.09

BIDS WANTED

STOCKTON, San Joaquin Co., Calif. —Until September 8, 5 p.m. (to be opened at 8 p.m.), bids will be received by the Stockton City Council, B. L. Trahern, City Clerk, City Hall, for the improvement of the north one-half of South Tuxedo Ave. from Avondale subdivision to Pershing Ave., and of the south one-half of South Tuxedo Ave. from Manchester Ave. to Pershing Ave.

Work includes grading, constructing concrete curb, gutter and sidewalk, and paving the roadway.

Plans and specifications obtainable from the office of City Engineer Lyle Payton.

CONTRACT AWARDED

DOUGLAS CO., Nevada. — Nevada Rock & Sand Co., Inc., 949 E. Fourth St., Reno, at $147,053.11, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for furnishing materials for and constructing approximately 6.69 miles of highway in Douglas Co., Route 3, Sections C1, C2, C3, between Minden and Cradlebaugh.

Pacific Constr. Co., Reno, at $151,-379.29, submitted second low bid.

Complete bids will be published shortly.

LOW BIDDER

WHITE PINE CO., Nevada.—Silver State Constr. Co., Fallon, at $4,800, submitted low bid to the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for furnishing and installing grade-crossing signals on the state highway system in White Pine County, Route 2, Section D, at Ely Cemetery and East-Ely crossings of Nevada Northern Railway.

Complete bids will be published shortly.

BIDS OPENED

YOLO COUNTY, Cal.—E. F. Hilliard, 1355 43rd St., Sacramento, at $9750 submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, Marysville, for applying armor coat on about 4.3 miles between Putah Creek and Davis, Yolo County.

The work involves:

(1) 120 tons liquid asphalt, 90-95;
(2) 2600 tons screenings.

Complete bids follow:

E. F. Hilliard, Sacramento, (1) $19.50 (2) $2.85; total, $9750.
E. A. Forde, San Anselmo: (1) $18; (2) $325;. total, $10,610.
Heafey - Moore Co., Oakland: (1) $19.50; (2) $3.38; total, $11,128.
Claude C. Wood, Stockton: (1) $23; (2) $4; total, $13,160.

NO BIDS RECEIVED

ELKO COUNTY, Nevada.—No bids were received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading 3.480 miles of Section A, Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko County, Nevada.

BIDS WANTED

INYO COUNTY, Cal.—Until Sept. 8, 2 P. M., bids will be received by the Inyo County Board of Supervisors, Dora Merithew, Clerk, Court House, Independence, for treating with liquid asphalt about 1.5 miles of the Lone Pine Depot Road, one-half mile north of the town of Lone Pine.

The work will require 26,500 gallons of liquid asphalt, SC-2.

Specifications obtainable from above office.

LOS ANGELES COUNTY—3.1 MI. GRADE & PAVE—State

LOS ANGELES COUNTY, Calif. — Matich Bros., Elsinore, at $218,501.-80, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 3.1 mi. grading and paving with Portland cement on Sepulveda Blvd., from Lincoln Blvd. to Centinela Ave.

The work involves:

(1) 163 sta. clear and grub right of way;
(2) 2,300 M gals. water;
(3) 107,000 cu. yds. roadway excav. unclass.;
(4) 2,600 cu. yds. struc. excav.;
(5) 400 cu. yds. ditch and channel excav.;
(6) 1,450,000 sta. yds. overhaul;
(7) 260 cu. yds. remove and dispose of exist. conc.;
(8) 74,000 sq. yds. preparing subgrade;
(9) 163 sta. finishing roadway;
(10) 4,200 cu. yds. mineral aggregate road mix. surf.);
(11) 590 tons liq. asphalt SC-2 (road mix. surf.);
(12) 50 tons liq. asphalt SC-2 (prime coat);
(13) 85 tons Grade E asphalt (membrane seal);
(14) 14,820 cu. yds. Class A Portland cem. conc. (pave.);
(15) 2 each pave. crossing devices (Type C-20);
(16) 30,000 each pave. dowels;
(17) 133,000 lbs. bar reinf. steel (pave. and strucs.);
(18) 660 cu. yds. Class A Portland cement conc. (strucs.);
(19) 35,000 lbs. steel (rail assemblies);
(20) 22,000 lbs. misc. iron and steel;
(21) 50 lin. ft. 12-in. C M P;
(22) 140 lin. ft. 15-in. C M P;
(23) 20 lin. ft. 18-in. C M P;
(24) 520 lin. ft. 24-in. C M P;
(25) 140 lin. ft. 30-in. C M P;
(26) 250 lin. ft. remove, clean and salvage C M P;
(27) 2,910 cu. yds. Class A Port. cem. conc. (curbs and gutters);
(28) 32 lin. ft. curb armor;
(29) 110 lin. ft. laminated guard railing;
(30) 80 lin. ft. pipe handrail.

Total bids follow:

(A) Matich Bros., $218,501.80.
(B) Griffith Co., Los Angeles, $225,-761.30.
(C) Gogo & Rados, Los Angeles, $228-193.90.
(D) United Concrete Pipe Corp., Los Angeles, $234,377.40.
(E) Oswald Bros., Los Angeles, $236,-510.50.
(F) Sander Pearson, Santa Monica, $249,304.70 (bid probably irregular)
(G) J. E. Haddock, Ltd., Pasadena, $254,545.50.
(H) Basich Bros., Torrance, $258,-151.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 8.00	$ 3.00	$10.00	$ 3.00	$ 5.00	$ 733.50	$10.00	$ 5.00
(2)	1.50	1.50	1.30	.60	2.00	4,600.00	2.00	1.00
(3)	.29	.25	.26	.35	.31	33,170.00	.30	.22
(4)	.80	.90	1.00	.70	1.20	2,600.00	1.50	1.00
(5)	.80	.65	1.00	.75	1.20	400.00	1.00	1.00
(6)	.0035	.003	.005	.005	.005	5,800.00	.005	.005
(7)	1.40	1.50	2.50	3.00	2.40	650.00	7.00	2.00
(8)	.10	.12	.10	.08	.11	7,400.00	.12	.09
(9)	3.00	3.50	6.00	5.00	9.00	1,793.00	10.00	5.00
(10)	.90	1.05	1.00	1.00	1.00	8,400.00	1.50	2.80
(11)	9.00	6.50	8.00	12.00	10.00	5,015.00	7.00	10.00
(12)	9.00	6.50	14.00	17.00	10.00	25.00	8.00	10.00
(13)	25.00	16.00	22.00	22.00	20.00	1,870.00	18.00	21.00
(14)	6.75	7.27	7.52	7.11	7.10	7.36	8.00	8.42
(15)	125.00	145.00	100.00	250.00	150.00	80.00	60.00	30.00
(16)	.11	.13	.11	.12	.10	3,600.00	.12	.11
(17)	.05	.04	.05	.045	.045	8,645.00	.06	.05
(18)	17.00	18.00	18.00	16.00	23.00	11,880.00	21.00	18.50
(19)	.05	.05	.05	.05	.045	1,740.00	.05	.05
(20)	.16	.17	.13	.145	.15	3,080.00	.18	.16
(21)	.30	.40	.75	.50	.25	25.00	.25	.30
(22)	.40	.45	.80	.50	.30	70.00	.30	.40
(23)	.50	.50	1.00	.50	.35	11.00	.35	.50
(24)	.60	.55	1.00	1.00	.50	312.00	.50	.60
(25)	.70	.60	1.00	1.00	.60	105.00	.60	.70
(26)	.80	1.25	1.00	1.00	.90	250.00	1.00	.50
(27)	10.00	11.20	11.00	11.00	10.00	37,248.00	10.00	13.75
(28)	.90	.95	1.00	.60	.75	32.00	1.00	.75
(29)	1.00	1.75	1.30	1.00	1.20	165.00	1.80	2.00
(30)	1.50	1.75	2.00	.80	1.20	120.00	2.00	2.00

BIDS WANTED

PETALUMA, Sonoma Co., Calif.—Until September 3, 7:30 p.m., bids will be received by the Petaluma City Council, Gladys V. Roberts, City Clk., City Hall, for constructing bulkheads on the north side of Petaluma River at the ends of Redwood St. and Levee Street.

Plans and specifications obtainable from the above office. '2

BIDS OPENED

LOS ANGELES CO., Calif.—George R. Curtis Paving Co., 2440 E. 26th St., Vernon, at $13,405, submitted low bid to the State Division of Highways, S. V. Cortelyou, District Engineer, State Bldg., Los Angeles, for applying plant-mixed surfacing to shoulders on about 3.5 miles on Rosemead Boulevard, between San Gabriel Boulevard and Ramona Boulevard.

The work involves:
(1) 32,500 sq. yds. preparing, shaping and finishing shoulders;
(2) 5,200 tons mineral aggregate, in place (plant-mixed surfacing;
(3) 290 tons liquid asphalt, SC-1 (plant-mixed surfacing);
(4) 35 tons liquid asphalt, SC-2 (prime coat);

Total bids follow:
(A) George R. Curtis Paving Co., Los Angeles—$13,405.00.
(B) Southwest Paving Co., Roscoe—$13,435.00.
(C) A. S. Vinnell Co., Los Angeles—$14,527.00.
(D) Oswald Bros., Los Angeles—$14,-981.50.
(E) W. E. Hall, Alhambra—$15,042.40.
(F) Sander Pearson, Santa Monica—$15,386.00.
(G) Griffith Co., Los Angeles—$16,230.

Unit bids follow:

	(1)	(2)	(3)	(4)
(A)	$0.09	$1.60	$6.00	$12.00
(B)	.08	1.71	5.65	8.70
(C)	.06	1.95	7.50	7.50
(D)	.05	2.17	6.00	9.50
(E)	.106	1.73	7.16	15.00
(F)	.10	1.88	6.00	12.00
(G)	.04	2.40	7.00	12.00

BIDS WANTED

COCONINO CO., Arizona. — Until September 22, 10 a.m., bids will be received by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for placing bituminous treated crushed rock surfacing on 8.639 mi. of Route 8, Grand Canyon National Park, Coconino County.

The principal items of work involved are:
(1) 850 c.y. placing stockpiled crushed rock for shoulders;
(2) 300 tons supplemental crushed rock;
(3) 125 M. gals. watering;
(4) 8,600 tons bituminous treated crushed rock (90-95 binder);
(5) 2,850 tons bituminous treated crushed rock (MC-5 binder);
(6) 60 tons applying Government furnished asphaltic material for prime coat;
(7) 80 tons applying Government furnished asphaltic material for seal coat;
(8) 1,100 tons screenings.

Plans and specifications obtainable from the offices of the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, or Federal Office Bldg., San Francisco.

AWARD RECOMMENDED

STOCKTON, San Joaquin Co., Cal.—F. Kaus, 2726 E. Main St., Stockton, at $5785 submitted low bid and recommended for award of contract by the Stockton Port District, B. C. Allin, Secretary, for paving Road A, and extension to the present road system, involving construction of about 18,000 sq. ft. of Portland cement concrete pavement.

L. Biasotti & Son, Stockton, at $6408 submitted the only other bid.

BIDS OPENED

RIVERSIDE CO., Calif.—Regal Oil Co., 2305 Orange Ave., Long Beach, at $13,930, submitted low bid to State Division of Highways, E. E. Wallace, District Engineer, San Diego, for applying liquid asphalt to existing pavement and shoulders on about 47.42 mi. in Riverside County, between Desert Center and Blythe.

The work involves:
(1) 1400 tons liquid asphalt, SC-2.

Complete bids follow:

	Unit Price	Total
Regal Oil Co., Long Beach	$9.95	$13,930
Square Oil Co., L. A.	10.50	14,700
Morgan Bros., Htgn. Pk.	10.70	14,980
Paulsen & March, L. A.	10.95	16,330
Lambs Tranf. Co., L. B.	11.82	16,548

BIDS OPENED

RIVERSIDE CO., Calif.—Square Oil Co., 916 Adobe St., Los Angeles, at $5,747.50, submitted low bid to the State Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor St., San Diego, for furnishing and applying liquid asphalt to the existing shoulders and roadsides on about 32 miles in Riverside County between Edom and the Riverside - Imperial County line.

The work involves:
(1) 525 tons liquid asphalt, SC-2, in place;
(2) 100 tons liquid asphalt, MC-4, in place.

The complete bids were:
Square Oil Co.—(1) $7.90, (2) $16; total, $5747.50.
Morgan Bros., Huntington Park—(1) $8.50, (2) $17.97; total, $6259.60.
Gilmore Oil Co., Los Angeles—(1) $8.69, (2) $17.97; total, $6359.25.
Paulsen & March, Los Angeles—(1) $9.26, (2) $18.75; total, $6736.50.

PLANNED

SAN RAFAEL Marin Co., Calif.—The City Council has included an allotment of $5,000 in the new fiscal budget for widening the pavement on West Fourth St., from the Marquard Ave. crossing of the N.W.P. electric tracks to the San Anselmo city limits.

PLANS APPROVED

VALLEJO, Solano Co., Calif.—City Council has approved plans and specifications for additional street improvement as follows:
(1) Sonoma St., from Georga St. to Maryland St.
(2) Alameda St., from Georga St. to Kentucky St.
(3) Lemon St., from Porter St. to Mare Island Straits.
(4) Branciforte St., from Georgia St. to Maine St.
(5) Main St., from east line of Branciforte St., 124 ft. easterly.

Work will be partially financed with the city's share of State gasoline tax funds. T. D. Kilkenny, city engineer.

BIDS OPENED

IMPERIAL CO., Calif.—R. E. Hazard & Son, P.O. Box 1438, San Diego, at $14,865, submitted low bid to the State Division of Highways, E. E. Wallace, District Engineer, San Diego, for gravel surfacing and applying liquid asphalt on about 7.6 miles, between one mile east of Heber and 3 miles east of Imperial in Imperial County.

The work involves:
(1) 7050 c.y. gravel surfacing;
(2) 500 tons liquid asphalt, SC-2.

Complete bids follow:
R. E. Hazard & Sons, San Diego—(1) $1.30; (2) $11.40; total, $14,865.
V. R. Dennis Construction Co., San Diego—(1) $1.98; (2) $14; total. $20,959. 3

BIDS OPENED

IMPERIAL CO., Calif.—Square Oil Co., 916 Adobe St., Los Angeles, at $13,026, submitted low bid to the State Division of Highways, E. E. Wallace, District Engineer, San Diego, for applying liquid asphalt to existing shoulders on about 32 miles in Imperial County, between Trifolium Canal and Imperial-Riverside County line.

The work involves:
(1) 1560 tons liquid asphalt, Type SC-2, in place.

Complete bids follow:
Square Oil Co., Los Angeles—(1) $8.35; total, $13,026.
Morgan Bros., Huntington Park—(1) $8.45; total, $13,182.
Gilmore Oil Co., Vernon—(1) $9.72; total, $16,163.20.
Paulsen & March, Los Angeles—(1) $10.10; total, $15,756.
Oilfields Trucking Co., Bakersfield—(1) $10.38; total, $16,192.80. 3

LOS ANGELES COUNTY—L. A. RIVER BRIDGE—(State)

LOS ANGELES CO., Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at $159,968, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing a reinforced concrete girder bridge across the Los Angeles River at Atlantic Ave., about 7.0 mi. north of Long Beach, consisting of thirteen 64-ft. spans and two 18-ft. cantilever spans on concrete piers with pile foundations.

The work involves:
(1) 5,200 cu. yds. struct. excav.;
(2) 1,000,000 lbs. bar reinf. steel;
(3) 995 cu. yds. Class A Portland cement concrete (footing blocks);
(4) 5,120 cu. yds. Class A Portland cement concrete (strucs);
(5) 60 cu. yds. Class A Portland cement concrete (railing);
(6) 7,920 lin. ft. concrete piles, cast in place;
(7) 1,320 lin. ft. furnishing treated Douglas fir piles, including test piles;
(8) 52 each drive treated Douglas fir piles, including test piles;
(9) 1 lot miscellaneous items of work.

Total bids follow:
(A) J. F. Knapp, Oakland $159,968.00
(B) John Strona, Pomona 174,784.40
(C) Sharp & Fellows Cons. Co., Los Angeles 186,417.50
(D) Carlo Bonglovanni, Los Angeles 188,695.30
(E) R. R. Bishop, Long Bch. 189,960.00
(F) Byerts & Dunn, L. A. 190,900.40
(G) C. W. Caletti & Co., San Rafael 215,202.00
(H) Shofner & Gordon, L.A. 237,051.00

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
(A)	$1.25	$0.0375	$10.00	$15.00	$55.00	$2.20	$0.70	$10.00	$3,300
(B)	3.50	.036	7.00	16.50	75.00	2.15	.70	7.45	2,700
(C)	2.85	.036	9.70	19.20	70.00	2.20	.70	9.50	1,000
(D)	5.00	.04	15.50	15.50	60.00	2.22	.72	16.00	1,000
(E)	3.00	.036	8.00	17.00	35.00	3.00	.75	15.00	12,130
(F)	3.60	.04	8.00	17.10	50.00	2.55	.68	8.40	8,138
(G)	3.50	.045	10.00	20.60	75.00	3.00	.60	20.00	2,500
(H)	10.00	.033	17.00	21.00	50.00	2.15	1.00	9.00	2,500

BIDS OPENED

INYO COUNTY, Cal. — Baisch Bros., 20550 Normandie Ave., Torrance, at $23,314.80 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and applying road mix surface treatment on about 1.7 miles and constructing timber bridge, between two miles east of Lone Pine and one mile east of Owens River.

The work involves:

(1) 26,000 cu. yds. roadway excav. without class.;
(2) 287,000 sta. yds. overhaul;
(3) 75 cu. yds. struct. excav.;
(4) 25 cu. yds. ditch excav.;
(5) 3,000 cu. yds. imported borrow;
(6) 165 tons liq. asphalt SC-3;
(7) 46 tons liq. asphalt SC-2;
(8) 1.71 miles preparing mix and shape roadbed;
(9) 96 lin. ft. 24-in. CMP;
(10) 1,160 lin. ft. furnishing treated Douglas fir piles include test piles;
(11) 38 each driving piles include test piles;
(12) 13.5 M. ft. board measure Redwood timber, dense select, all heart, struct. grade;
(13) 3 M. ft. board measure Redwood timber, select, all heart, struct. grade;
(14) 30 cu. yds. class A Port. cem. conc. (structs.);
(15) 4.400 lbs. bar reinf. steel;
(16) 0.80 mile new property fence;
(17) 2 each drive gates;
(18) 4 each culvert markers;
(19) 14 each monuments.

NOTE: The State will furnish Corrugated Metal Pipe as more explicitly set forth in the special provisions.

Total bids follow:

(A) Basich Bros., Torrance, $23,-314.80.
(B) A. S. Vinnell and A. S. Vinnell Co., Los Angeles, $24,980.50.
(C) Young & Son Co., Ltd., Berkeley $32,467.75.

	(A)	(B)	(C)
(1)	$ .30	$ .355	$ .39
(2)	.005	.006	.01
(3)	1.00	1.20	1.25
(4)	1.00	1.20	1.00
(5)	1.20	.90	1.35
(6)	16.00	17.50	19.00
(7)	14.00	14.00	16.00
(8)	700.00	800.00	1400.00
(9)	.80	1.00	.75
(10)	.90	1.00	.90
(11)	28.00	30.00	55.00
(12)	120.00	150.00	240.00
(13)	120.00	150.00	240.00
(14)	30.00	30.00	35.00
(15)	.06	.06	.07
(16)	600.00	800.00	500.00
(17)	20.00	50.00	18.00
(18)	2.00	3.00	4.00
(19)	3.00	3.00	4.00

BIDS OPENED

KINGS COUNTY, Cal.—Leo F. Piazza, 296 N. 6th St., San Jose, at $36,471.50 submitted low bid to the State Division of Highways, C. H. Sacramento, for about 6 miles constructing crusher run base borders and applying plant-mix surfacing, between Route 10 and Hub.

The work involves:

(1) 62 M. gals water;
(2) 4,100 tons crusher run base (borders);
(3) 14 tons liq. asphalt SC-2 (prime coat borders);
(4) 3,725 tons mineral aggregate (plant-mix surf.);
(5) 196 tons liq. asphalt MC-5 (plant-mix surf.);
(6) 180 tons liq. asphalt SC-2 (shoulders);
(7) 22,200 sq. yds. preparing mix and shape shoulders;
(8) 44,000 sq. yds. asphaltic paint binder.

Total bids follow:

(A) Leo F. Piazza, San Jose, $36,-471.50.
(B) Hanrahan Co., San Francisco, $38,455.50.

Unit bids follow:

	(A)	(B)
(1)	$ 2.00	$ 4.00
(2)	3.40	3.55
(3)	12.25	18.00
(4)	3.80	3.70
(5)	18.50	24.00
(6)	11.25	15.00
(7)	.05	.07
(8)	.03	.015

BIDS OPENED

SAN BENITO, MONTEREY, SAN Luis Obispo and Santa Barbara Cos., Cal.—S. A. Cummings, 4170 Falcon St., San Diego, at $3874.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for applying traffic strip to about 665 mi. of pavement at various locations in District V.

The work involves:

(1) 665 miles traffic strip painting;
(2) 245 miles traffic strip spotting.

Total bids follow:

(A) S. A. Cummings, San Diego, $3874.50.
(B) Al W. Simmonds, Sacramento, $4296.25.
(C) D. I. Ansite, Inglewood, $4604.25.

Unit bids follow:

	(A)	(B)	(C)
(1)	$3.80	$4.25	$5.40
(2)	5.50	6.00	4.00

SHASTA COUNTY — 4.7 Mi. Grade and Surface — State

SHASTA CO., Calif.—D. McDonald, 204 23d St., Sacramento, at $163,-019.60, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and surfacing with crusher run base and plant-mixed surfacing about 4.7 miles, between Shasta and Redding.

The work involves:

(1) 26 acres clear and grubb right of way;
(2) 3,600 M. gals. water;
(3) 181,000 cu. yds. roadway excev. without class.;
(4) 2,500 cu. yds. structure excav.;
(5) 1,000 cu. yds. ditch and channel excav.;
(6) 56 cu. yds. remove and dispose of exist. conc. and masonry;
(7) 1,020,000 sta. yds. overhaul;
(8) 249 sta. finishing roadway;
(9) 16,000 tons crusher run base;
(10) 7,000 tons mineral aggregate (plant-mix surf.);
(11) 370 tons liq. asphalt MC-5 or MC-extra heavy (plant mix surfacing);
(12) 40 tons liq. asphalt MC-3 (seal coat);
(13) 50 tons liq. asphalt SC-2 (prime coat);
(14) 435 tons sand (seal coat);
(15) 50 tons liq. asphalt SC-2 (penetration oil treatment);
(16) 2,400 lbs. bar reinf. steel (structurals);
(17) 43 cu. yds. class A Port. cem. conc. (structs.);
(18) 314 lin. ft. 12-in. CMP;
(19) 1,322 lin. ft. 18-in. CMP;
(20) 478 lin. ft. 24-in. CMP;
(21) 228 lin. ft. 24-in. CMP, 12 gau.;
(22) 44 lin. ft. 30-in. CMP;
(23) 98 lin. ft. 36-in. CMP;
(24) 114 lin. ft. 48-in. CMP, 10 gau.;
(25) 148 lin. ft. 60-in. CMP;
(26) 66 lin. ft. 72-in. CMP;
(27) 340 lin. ft. removing clean and salvaging exist. CMP;
(28) 60 lin. ft. 75-in. multi-plate CMP 412-18;
(29) 180 lin. ft. 90-in. multi-plate CMP 57-15;
(30) 100 lin. ft. 120-in. multi-plate CMP, 75-13;
(31) 3 each drop inlet frames and covers;
(32) 76 each culvert markers;
(33) 84 each monuments.

Total bids follow:

(A) D. McDonald, Sacramento $163,019.60
(B) A. Teichert & Son, Inc., Sacramento 177,891.25
(C) Hemstreet & Bell, Marysville 191,271.50
(D) P. L. Crooks & Co., Portland, Oregon 198,778.00
(E) Louis Biasotti & Son, Stockton 206,663.34
(F) George Pollock, Sac-Sacramento 229,319.50
(G) Guy F. Atkinson Co., San Francisco 243,402.00
(H) Union Paving Co., San Francisco 248,804.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$100.00	$100.00	$200.00	$100.00	$150.00	$200.00	$450.00	$150.00
(2)	1.50	1.25	1.50	2.00	1.00	1.50	1.00	2.00
(3)	.37	.39	.52	.57	.50	.70	.72	.67
(4)	1.30	1.50	1.50	1.20	1.50	2.00	1.50	2.00
(5)	1.00	1.00	1.00	1.20	1.00	1.50	1.00	1.50
(6)	3.00	4.00	3.00	2.00	3.00	4.00	4.00	10.00
(7)	.005	.006	.005	.005	.045	.005	.005	.007
(8)	5.00	7.00	7.50	6.00	6.00	10.00	7.50	8.00
(9)	1.95	2.10	1.70	1.60	2.00	1.80	2.10	2.80
(10)	2.20	2.50	2.00	2.00	4.75	2.50	3.00	3.00
(11)	20.00	22.50	22.50	25.00	18.75	22.00	20.00	20.00
(12)	20.00	30.00	28.00	25.00	18.00	26.00	25.00	25.00
(13)	13.00	23.00	20.00	20.00	18.00	20.00	18.00	20.00
(14)	3.00	3.00	2.50	3.00	4.00	4.00	3.00	3.00
(15)	13.00	23.50	20.00	20.00	22.00	20.00	18.00	20.00
(16)	.06	.10	.08	.10	.07	.10	.06	.10
(17)	27.00	32.50	30.00	30.00	35.00	35.00	20.00	30.00
(18)	1.50	1.50	1.25	1.50	1.55	1.50	1.25	1.50
(19)	2.00	2.00	2.00	2.00	1.98	2.00	2.00	2.00
(20)	2.80	3.00	2.50	3.00	2.75	2.50	3.00	3.00
(21)	3.20	4.00	3.00	3.50	3.46	2.75	3.50	3.00
(22)	3.10	4.00	3.50	4.00	4.55	3.00	3.50	4.00
(23)	5.00	5.50	5.00	5.00	5.00	5.00	5.00	5.00
(24)	8.00	10.00	9.00	6.00	8.50	6.75	8.00	9.00
(25)	10.50	13.00	12.00	12.00	11.00	11.00	11.00	12.00
(26)	12.00	16.00	14.00	15.00	14.00	14.00	14.00	16.00
(27)	.50	.50	.60	2.00	.50	.50	.50	1.00
(28)	14.50	14.00	15.00	18.00	14.20	16.00	12.50	18.00
(29)	25.00	28.00	25.00	25.00	25.00	18.00	24.00	30.00
(30)	34.00	43.50	40.00	40.00	38.00	27.00	35.00	40.00
(31)	50.00	40.00	40.00	30.00	40.00	50.00	45.00	50.00
(32)	2.20	3.00	2.50	2.00	3.00	4.00	3.00	3.00
(33)	3.00	3.50	3.00	3.00	3.00	4.00	3.00	3.00

BIDS OPENED

SANTA BARBARA COUNTY, Cal. Heafey-Moore Co., 344 High Street, Oakland, at $44,899 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for surfacing portions of about 43.8 miles between Las Cruces and Lompoc and betwen Zaca and Painted Caves Road.

The work involves:

(1) 1,140 tons mineral aggregate (plant-mix surf.);
(2) 60 tons liq. asphalt RCMC-4 (plant-mix surf.);
(3) 7 tons asphaltic emulsion (prime coat);
(4) 590 tons liq. asphalt dehydrated 70 (seal coat);
(5) 5,030 cu. yds. screenings (seal coat).

Total bids follow:

(A) Heafey - Moore Co., Oakland, $44,899.
(B) J. A. Casson, Hayward, $44,928.

Unit bids follow:

	(A)	(B)
(1)	$ 7.00	$ 7.00
(2)	20.00	15.00
(3)	30.00	30.00
(4)	15.00	13.00
(5)	5.30	5.60

BIDS WANTED

SAN FRANCISCO—Department of Public Works, S. J. Hester, Chief Deputy Director, plans to improve (expediency) Balboa St., between 3rd Ave. and 120 ft. easterly and at 45 other locations by the construction of a one-course sidewalk. Estimated cost $1500. Spec. No. 18,950.

The work will involve approximatel y5000 sq. ft. concrete sidewalk.

CONTRACT AWARDED

SAN FRANCISCO — Charles L. Harney, Call Bldg., at $17,131.55 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,928, for widening and reconstruction of Fremont St., between Market and Harrison Sts.

BIDS WANTED

YAVAPAI CO., Ariz.—Until September 10, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Prescott-Jerome Highway, F.A. 96-C, (Reop. 1937), A.F.E. 7922. The work, which begins at the National Forest boundary, about 22 miles northeast of Prescott, and extends northeasterly about 5½ miles, consists of grading the roadway and furnishing and placing aggregate base course, and is to be completed on or before Feb. 28, 1937.

The principal items are:

5,700 cu. yds. roadway excav.;
4,500 cu. yds. imported borrow;
2,900 cu. yds. mi. imported borrow haul;
31,500 tons coarse aggregate base course (CIP);
15,700 tons fine aggregate base course (CIP);
1,000 M. gals. sprinkling;
430 hours rolling;
50 tons stockpiling fine aggregate base course.

Plans and specifications may be obtained at the office of the Arizona Highway Department, 17th and Jackson Sts. Certified check or cashier's check for 5% must accompany each proposal. T. S. O'Connell, State Highway Engineer.

CONTRACT AWARDED

SAN FRANCISCO—Piombo Bros. & Co., 1571 Turk St., at $1585 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18.967, for removing approximately 3450 cu. ft. of sand from 33rd Ave., between Quintara and Rivera Streets.

BIDS WANTED

SAN FRANCISCO — Until Sept. 16, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,937, for the improvement of sidewalks on Cayuga Ave,, between Lyell St. and 200 ft. easterly, and at 75 other locations.

The work involves:

(1) 3000 sq. ft. one-course concrete sidewalk, new work;
(2) 5000 sq. ft. one-course concrete sidewalk, reconstructed.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City

BIDS WANTED

SAN FRANCISCO — Until Sept. 11, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 4653, for the removal of three eucalyptus trees on the south side of 19th St. 50 feet west of Market St. Estimated cist, $250.

Information obtainable from the office of City Engineer John J. Casey, Room 351, City Hall.

SOLANO COUNTY—11.9 Mi. Widen And Surface — State

SOLANO CO., Calif.—L. C. Seidel, 4722 Market St., Oakland, at $72,459, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for widening about 11.9 miles existing roadbed, and placing untreated crushed gravel or stone borders and applying armor coat, between Denverton and Rio Vista, Solano Co.

The work involves:

(1) 620 M. gals water;
(2) 11,000 c.y. roadway excav. without class.;
(3) 11,000 sta. yds. overhaul;
(4) 2,000 cu. yds. imported borrow;
(5) 20,000 tons untreated crushed gravel or stone borders;
(6) 45 tons liq. asphalt SC-1A (prime coat);
(7) 280 tons asphaltic emulsion 90-95 (armor coat);
(8) 3,800 tons screenings (armor coat);
(9) 5 cu. yds. class A Port. cem. conc. (structs.);
(10) 600 lbs. bar reinf. steel (structs.);
(11) 2,500 lin. ft. remove and salvage exist. guard railing;
(12) 2,500 lin. ft. laminated guard railing;
(13) 100 each culvert markers;
(14) 10 each guide posts;
(15) 630 sta. finishing roadway.

Total bids follow:

(A) L. C. Seidel, Oakland....$72,459.00
(B) A. G. Raisch, S. F..... 76,713.00
(C) Jones & King, Hayward 77,758.00
(D) Heafey-Moore Co., Oakland 85,630.00
(E) Pacific States Constr. Co., San Francisco..... 86,253.00
(F) D. McDonald, Sacramento 94,481.00
(G) Hanrahan Co., S. F..... 97,655.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$2.00	$2.00	$1.80	$2.00	$2.00	$2.00	$1.50
(2)	.48	.30	.46	.45	.50	.40	.40
(3)	.02	.03	.03	.04	.02	.01	.02
(4)	1.05	1.50	1.05	.70	.90	.40	2.00
(5)	2.10	2.20	2.30	2.50	2.55	3.00	2.90
(6)	14.00	16.00	12.00	20.00	13.00	12.00	15.00
(7)	18.00	18.00	20.00	17.00	22.00	20.00	24.00
(8)	2.70	3.00	2.50	4.00	3.50	3.60	4.10
(9)	45.00	25.00	30.00	40.00	35.00	30.00	34.00
(10)	.10	.08	.12	.10	.08	.06	.15
(11)	.20	.15	.25	.20	.20	.60	.20
(12)	1.10	1.25	1.00	1.00	1.15	1.20	1.20
(13)	2.40	2.00	3.50	3.00	3.00	2.50	2.00
(14)	2.40	3.00	3.50	3.00	3.00	2.50	2.00
(15)	3.00	6.00	6.00	5.00	4.00	5.00	5.00

SANTA CLARA COUNTY—1.2 Mi. Grade & Surface—State

SANTA CLARA CO., Calif.—A. J. Raisch Co., 358 Lincoln Ave., San Jose, at $42,808, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and applying road-mix surface treatment on about 1.2 miles between State Route 68 and the north city limits of San Jose.

The work involves:

(1) 64 sta. clear and grubb.;
(2) 200 M. gals water;
(3) 4,200 cu. yds. rdwy. excav. without class.;
(4) 420 cu. yds. struct. excav.;
(5) 22,250 cu. yds. imported borrow;
(6) 64 sta. finishing roadway;
(7) 27,000 sq. yds. preparing mix and shape roadbed;
(8) 220 tons liq. asphalt SC-2 (road-mix surf. treatment);
(9) 150 lbs. bar reinf. steel;
(10) 4 cu. yds. class A Port. cem. conc. (structs.);
(11) 1,000 lin. ft. 18-in. CMP;
(12) 6 each culvert markers;
(13) 16 each monuments.

Total bids follow:

(A) A. J. Raisch, San Jose..$42,808.00
(B) Basich Bros., Torrance 62,557.00
(C) Earl W. Heple, San Jose 62,976.00
(D) J. A. Casson, Hayward 68,078.00
(E) Union Paving Co., S. F. 71,442.50
(F) Fredericksen & Westbrook, Lower Lake..... 73,334.00
(G Hanrahan Co., S. F..... 89,515.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$12.00	$100.00	40.00	$100.00	$40.00	$160.00	$28.00
(2)	2.00	3.00	3.00	5.00	4.00	2.00	3.60
(3)	.75	2.00	1.00	2.00	2.00	2.00	1.20
(4)	3.00	5.00	3.00	5.00	4.00	2.00	2.80
(5)	1.20	1.40	1.70	1.50	1.85	2.00	2.80
(6)	20.00	30.00	25.00	25.00	20.00	10.00	20.00
(7)	.10	.14	.35	.20	.25	.06	.15
(8)	15.00	14.00	14.00	20.00	20.00	20.00	36.00
(9)	.08	.06	.10	.10	.40	.20	.26
(10)	35.00	30.00	30.00	50.00	60.00	50.00	66.00
(11)	3.00	5.00	2.20	5.00	4.00	2.00	4.50
(12)	3.00	3.00	3.00	4.00	5.00	4.00	6.00
(13)	5.00	5.00	3.00	4.00	5.00	5.00	8.00

BIDS OPENED

FRESNO COUNTY, Cal.—L. A. Brisco, Arroyo Grande, at $46,988.40 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for constructing about 9.8 miles crusher run base borders, applying non-skid surface treatment to existing pavement and portion of borders, and applying road-mix surface treatment to the shoulders, bet. the south city limits of Fresno and Floral Ave.

The work involves:

(1) 150 M. gals. water;
(2) 9800 tons crusher run base;
(3) 35 tons liq. asphalt SC-2 (prime coat);
(4) 81 tons asphaltic emulsion non-skid surface treatment;
(6) 35,000 sq. yds. preparing mix and shape shoulders;
(7) 220 tons liq. asphalt SC-2 road-mix surface treatment.

Total bids follow:

(A) L. A. Brisco, Arroyo Grande, $46,988.40.
(B) Hanrahan Co., San Francisco, $52,512.

Unit bids follow:

	(A)	(B)
(1)	$ 1.50	$ 2.00
(2)	3.35	3.40
(3)	11.00	15.00
(4)	20.00	27.00
(5)	3.75	5.00
(6)	.05	.07
(7)	10.47	14.00

BIDS OPENED

SANTA CLARA CO., Calif.—A. J. Raisch and Earl W. Heple, 494 Delmas Ave., San Jose, at $225,112.45, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and paving with Portland cement concrete about 3 miles between Agnew underpass and San

The work involves:

(1) 160 sta. clear and grubb right of way;
(2) 1,000 M. gals. water;
(3) 4,500 cu. yds. roadway excavation without class;
(4) 85,000 sta. yds. overhaul;
(5) 130,000 cu. yds. imported borrow;
(6) 2,600 cu. yds. struct. excav.;
(7) 70 cu. yds. exist. conc. removed and disposed of;
(8) 160 sta. finishing roadway;
(9) 59,000 sq. yds. subgrade for pavement;
(10) 700 tons broken stone;
(11) 30 tons liq. asphalt, 90-95;
(12) 530 tons liq. asphalt, SC-2;
(13) 51,000 sq. yds. preparing mix and shape roadbed and shoulders;
(14) 1,550 tons asphalt conc.;
(15) 90,700 lbs. bar reinf. steel (pave. and structs.);
(16) 12,000 cu. yds. class A Port. cem. conc. (pave.);
(17) 24,000 each pave. dowels;
(18) 468 cu. yds. class A Port. cem. conc. (structs.);
(19) 1.5 M ft. board measure Redwood timber dense select, all heart, struct. grade;
(20) 800 lbs. misc. steel;
(21) 70 lin. ft. 2-in. cast-iron pipe;
(22) 25 lin. ft. 6-in. cast-iron pipe;
(23) 110 lin. ft. 8-in. CMP;
(24) 750 lin. ft. 12-in. CMP siphon;
(25) 138 lin. ft. 15-in. CMP siphon;
(26) 900 lin. ft. 18-in. CMP;
(27) 360 lin. ft. 24-in. CMP;
(28) 800 lin. ft. 30-in. CMP;
(29) 70 lin. ft. exist. pipe culverts cleaned and relaid;
(30) 50 each culvert markers;

Jose.

Total bids follow:

(A) A. J. Raisch & Earl W. Hepie, San Jose.....$225,112.45
(B) Basich Bros., Torrance 243,920.90
(C) Union Paving Co., S.F. 263,933.00
(D) Fredericksen & Westbrook, Lower Lake..... 267,808.50
(E) Hanrahan Co., S.F..... 301,310.90

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	6.00	20.00	10.00	5.75	20.00
(2)	1.00	1.00	1.00	.58	3.40
(3)	.30	.50	.50	.23	.60
(4)	.005	.01	.01	.0075	.005
(5)	.58	.79	.76	.80	.96
(6)	1.00	1.00	1.50	.78	1.00
(7)	2.00	2.00	5.00	1.75	3.00
(8)	5.00	10.00	5.00	4.60	10.00
(9)	.07	.08	.10	.06	.07
(10)	2.00	2.50	2.50	4.00	2.40
(11)	15.00	17.25	20.00	15.00	16.00
(12)	12.00	11.75	15.00	11.50	11.00
(13)	.06	.05	.07	.05	.06
(14)	4.50	5.00	5.00	5.75	6.00
(15)	.055	.062	.07	.04	.10
(16)	7.65	6.63	8.00	9.00	8.90
(17)	.15	.14	.20	.15	.16
(18)	20.00	18.00	20.00	18.00	19.00
(19)	100.00	70.00	150.00	100.00	100.00
(20)	.25	.25	1.50	.55	.50
(21)	.25	.25	1.50	.55	.50
(22)	.75	.40	2.00	1.00	1.50
(23)	1.20	1.00	1.00	1.15	1.00
(24)	1.50	1.80	2.00	1.90	2.00
(25)	1.90	2.00	2.00	2.25	2.30
(26)	2.00	1.65	2.00	1.90	1.50
(27)	2.75	2.50	2.80	2.50	2.50
(28)	3.50	3.00	3.00	3.10	3.00
(29)	.75	.50	1.00	.60	.70
(30)	2.00	2.00	2.00	1.55	1.70
(31)	2.00	2.00	2.00	1.55	1.60
(32)	800.00	500.00	600.00	600..00	700.00
(33)	18.00	20.00	20.00	15.00	20.00
(34)	300.00	250.00	300.00	400.00	200.00
(35)	3.00	3.00	3.00	2.50	3.00

NO BIDS RECEIVED

NEVADA COUNTY, Cal.—No bids were received by the State Division of Highways, C. H. Whitmore, Dist. Engineer, Marysville, for constructing a parking area near the Donner Summit Bridge in Nevada County.

30—RESERVOIRS & DAMS

BIDS WANTED

PROVO RIVER PROJECT, Utah.—Until September 10, 10 a.m., bids will be received by the Bureau of Reclamation, 336 Federal Bldg., Salt Lake City, under Spec. No. 829-D, for excavation for investigation of the Deer Creek dam site, Provo River Project, about 15 miles northeast of Provo.

The principal items of work involved are:

(1) Excavating 115 ft. of vertical shaft;
(2) Furnishing and erecting 12.5 M. FBM permanent timbering in shaft.

Work shall be commenced within 15 calendar days and completed within 45 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the Bureau of Reclamation, Salt Lake City, or Denver, Colo., without charge to prospective bidders; to others, $0.50, not returnable. 30

PLANNED

YOLO & SOLANO COS., Cal.—State Division of Water Resources has approved plans for construction of a percolation dam on Putah Creek, 900 feet below the Putah Creek bridge at Winters. Estimated cost, $18,000.

Asa G. Proctor, P.O. Box 327, Woodland, engineer.

Labor will be furnished through the WPA.

31 — PIPE LINES & WELLS

August 29, 1936

BIDS OPENED

RIVERSIDE COUNTY, Cal.—L. E. Dixon Co. and Case Const. Co., 609 South Grand Ave., Los Angeles, at $1,330,765.35, as previously reported, submitted low bid to the Metropolitan Water District under Spec. No. 160, for constructing the Hayfield Pumping Plant of the Colorado River Aqueduct.

The work is located in Riverside County about 35 miles east of Indio, and comprises the construction of the Hayfield pumping plant building, together with intake works, outlet structures, electrical switching station and other appurtenant works. The work has been divided into two schedules and no proposal will be considered for less than the whole of the work. The buildings are to be of reinforced concrete and steel construction and the switch and bus structures of galvanized structural steel erected on concrete foundations. With the exception of cement, reinforcement steel, and certain other materials, as provided in the specifications, the contractor will be required to furnish all labor, equipment, supplies, and tools to complete the work.

SCHEDULE NO. 1

(1) 1,000 cu. yds. excavation; all classes, stripping slopes of loose and unsound rock;
(2) 56,500 cu. yds. excavation; earth, for pump building, control house and reservoir intake.
(3) 64,000 cu. yds. excavation; rock for pump building, control house and reservoir intake;
(4) 59,400 cu. yds. excavation; all classes, for 230-kv. switch yard, switch house, transformer foundation, oil tanks, etc.;
(5) 25,550 cu. yds. excavation; all classes for delivery lines, inclined railway, water storage tanks, delivery line gate house and transition, and inclined railway hoist house;
(6) 3,450 cu. yds. excavation; all classes, for drainage ditches, pipe trenches, trenching for electrical ducts, and miscellaneous purposes;
(7) 27 lin. ft. drilling 24-in. diameter plunger well for hydraulic elevator;
(8) 80,000 cu. yds. backfill; compacted, for all structures;
(9) 6,000 cu. yds. backfill not compacted, for all structures;
(10) 10,400 cubic yards backfill; compacted, selected material for compacted core wall.
(11) 2,700 cu. yds. rock fill for transformer foundation and subsoil drainage system around the
(12) 400,000 sta. yds. earthwork pump house; overhaul;
(13) 6,624 lin. ft. installing anchor bars in rock;
(14) 1,400 lin. ft. drilling grout holes;
(15) 1,000 cu. ft. pressure grouting;
(16) 11,915 cu. yds. concrete in substructure of pump building and control house;
(17) 1,805 cu. yds. concrete in 230-kv. switch rack, 2300-volt station service racks, switch house substructure, transformer foundations, power cable tunnel, oil tank foundations, transformer hoist foundations, and retaining walls adjacent to 230-kv switch yard;
(18) 4,508 cu. yds. concrete in delivery pipe supports, anchors, and encasement, intake manifold encasement and inclined railway supports;
(19) 858 cu. yds. concrete in reservoir intake structure, bridge serving the intake structure, and retaining walls adjacent thereto;
(20) 586 cu. yds. concrete in reservoir intake siphon and transition;

(21) 1,180 cu. yds. concrete in delivery pipe gate house and transition;
(22) 260 cu. yds. concrete in paved slopes at reservoir intake;
(23) 530 cu. yds. concrete in electrical conduit envelopes, manholes, and isolated pull boxes;
(24) 962,000 lbs. fabricating and reinforcement steel in substructures of pump building and control house;
(25) 221,000 lbs. fabricating and placing reinforcement steel in 230-kv switch rack, 2300-volt station service racks, switch house substructure, transformer foundations, power cable tunnel, oil tank foundations, transformer hoist foundations, and retaining walls adjacent to 230-kv switch yard;
(26) 322,000 lbs. fabricating and placing reinforcement steel in delivery pipe supports, anchors, and encasement, intake manifold encasement, and inclinded railway supports;
(27) 139,650 lbs. fabricating and placing reinforcement steel in reservoir intake structure, bridge serving the intake structure, and retaining walls adjacent thereto;
(28) 83,000 lbs. fabricating reinforcement steel in reservoir intake siphon and transition;
(29) 93,000 lbs. fabricating and placreinforcement steel in delivery pipe gate house and transition;
(30) 9,500 lbs. fabricating and placing reinforcement steel in electrical conduit envelopes, manholes, and isolated pull boxes;
(31) 2,200 lbs. furnishing and placing galvanized anchor bolts in concrete for all structures;
(32) 9,830 lbs. furnishing and placing ungalvanized anchor bolts in concrete for all structures;
(33) 34,870 lbs. furnishing and installing track rails, steel track ties, and track accessories in transformer foundation;
(34) 1,120 lin. ft. furnishing and laying track in cut or fill for inclined railway, complete with ties and ballast;
(35) 80 lin. ft. furnishing and laying track on trestle for inclined railway;
(36) 227,500 lbs. furnishing and erecting galvanized structural steel for all electrical switch and transformer racks;
(37) 91,600 lbs. furnishing and installing galvanized floor beams in pump building substructure and steel for reservoir intake bridge;
(39) 9,000 lbs. furnishing and installing miscellaneous iron and steel not galvanized;
(40) 15,800 lbs. furnishing and installing miscellaneous iron and steel, galvanized;
(41) 1,575 lbs. furnishing and installing stair treads and tread plates;
(42) 1,800 lbs. furnishing and installing black pipe railing;
(43) 15,000 lbs. furnishing and installing galvanized pipe railing;
(44) 1,406,000 lbs. furnishing and erecting steel delivery pipes;
(45) 533,000 lbs. furnishing and erecting intake manifolds, complete with inlet nozzles;
(46) 21,000 lbs. furnishing and installing cast steel and standard steel pipe sleeves and thimbles;
(47) 127,230 lbs. furnishing and installing cast iron pipe, fittings, floor drains and vents, including sewer and waste lines from plumbing fixtures;
(48) 59,950 lbs. furnishing and installing cast iron gate guides and frames in reservoir intake struc. and in delivery line transition and gate house;
(49) 100,800 lbs. furnishing and installing cast iron subsoil drains;
(50) 115 lin. ft. furnishing and installing 18-in corrugated culvert;
(51) 150 lin. ft. furnishing and installing 6-in. open-joint clay drain tile in transformer foundation;
(52) Furnishing and installing hot and cold water and plumbing fixtures in pump building substructure; lump sum;
(53) Furnishing and installing metal toilet partitions in pump building substructure; lump sum;
(54) 160 sq. ft. furnishing and installing metal clad swing doors with metal frames in pump building and switch house substructures;
(55) Furnishing and installing ventilating duct work in pump building and control house substructures; lump sum;
(56) Furnishing and installing metal louvres, and steel sash and glazing, in switch house substructure; lump sum;
(57) 63 sq. yds. constructing thin partitions of metal lath and plaster, and suspended ceiling;
(58) Furnishing and installing transite panels and barriers in switch house substructure, lump sum;
(59) 3.26 M ft. b. m., furnishing and erecting timber trestle work for inclined railway;
(60) 41,400 lbs., furnishing and installing metal conduit 1¼-in. and smaller;
(61) 75,800 lbs., furnishing and installing metal conduit 1½-in. and larger;
(62) 450 lin. ft., furnishing and installing 1-in. fibre conduit;
(63) 102,000 lin. ft., furnishing and installing 2½-in. fibre conduit;
(64) 200 lin. ft., furnishing and installing 3-in. fibre conduit;
(65) 1600 lin. ft., furnishing and installing 4-in. fibre conduit;
(65) 1600 lin. ft., furnishing and installing 4-in. fibre conduit;
(66) 725 lbs., furnishing and installing copper wire, straps, sleeves, bars and connectors for electrical ground wire system;
(67) Furnishing and installing fabricated metal boxes for electrical system;
(67a) 800 lbs. boxes weighing 10 lbs. or less;
(67b) 700 lbs. boxes weighing 10 to 25 lbs.
(67c) 1250 lbs. boxes weighing 25 to 40 lbs.
(67d) 150 lbs. boxes weighing 40 to 60 lbs.
(67e) 3700 lbs. boxes weighing over 60 lbs.
(68) 340 lbs., furnishing and installing small commercial type sheet metal boxes for electrical system;
(69) 80 lbs., furnishing and installing small cast metal boxes for electrical system;
(70) Pump building superstructure including erection of crane, lump sum;
(71) Control house superstructure, lump sum;
(72) Switch house superstructure, lump sum;
(73) Generator and compressor house, lump sum;
(74) Concrete water tanks, lump sum;
(75) 48,000 ton-miles, hauling steel;
(76) 392,000 ton-miles haul. cement;;
(77) Overhaul of concrete aggregates (fixed at 10 cents per cubic yard-mile).

SCHEDULE 2

Hayfield sand trap, wasteway, spillway, and approach channel.

Note—No bid will be considered for less than all the items of Schedules 1 and 2. Award, if made, will be for both schedules as one contract.

(78) 57,500 cu. yds., excavation, all classes, for sand trap;
(79) 20,000 cu. yds. excavation, all classes, for spillway and wasteway;
(80) 9000 cu. yds., excavation; all classes, for box siphon;
(81) 16,500 cu. yds., excavation; all classes, for rectangular canal and transition;
(82) 3500 cu. yds., excavation, earth, for aqueduct intake and siphon and trash rack;
(83) 500 cu. yds., excavation; rock, for aqueduct intake siphon and tarsh rack;
(84) 12,000 cu. yds., excavation, all classes, for roadway and drainage;
(85) 16,000 cubic yards, backfill and embankment; compacted, for all structures;
(86) 6,000 cu. yds., backfill and embankment; not compacted, for all structures;
(87) 210 cu. yds., rock fill for drains;
(88) 10,000 sta. yds., earthwork overhaul;
(89) 3800 cu. yds., concrete in sand-trap;
(90) 1450 cu. yds., concrete in spillway and wasteway;
(91) 1245 cu. yds., concrete in box siphon;
(92) 2450 cu. yds., concrete in rectangular canal and transition;
(93) 1265 cu. yds., concrete in aqueduct intake siphon and trash rack;
(94) 170 cu. yds. concrete in drainage structures;
(95) 650,000 lbs., fabricating and placing reinforcement steel in sand trap;
(96) 172,000 lbs., fabricating and placing reinforcement steel in spillway and wasteway;
(97) 241,000 lbs., fabricating and placing reinforcement steel in box siphon;
(98) 680,000 lbs., fabricating and placing reinforcement steel in rectangular canal and transition;
(99) 200,000 lbs., fabricating and placing reinforcement steel in aqueduct intake siphon and trash rack;
(100) 18,000 lbs., fabricating and placing reinforcement steel in drainage structures;
(101) 63,000 lbs., furnishing and installing trash rack metal work;
(102) 140,000 lbs., furnishing and installing sand trap metal work, including galvanized anchor bolts for rails on track girders;
(103) 15,000 lbs. installing wasteway gate;
(104) 36,000 ton-miles, hauling steel;
(105) 108,000 ton-miles hauling cement;
106 Overhaul of concrete aggregates (fixed at 10 cents per cu. yd. mile;
(107) 260 lin. ft. 18-in. 16-guage;

Total bids follow:

(A) L. E. Dixon Co. and Case Construction Co., Inc.: (Schedule 1) $1,104,456.85; (Schedule 2) $226,308.50; (Total) $1,330,765.35.

(B) Basich Bros., Torrance: (1) $1,037,998.97; (2) $294,936.10; (Total) $1,332,935.07.

(C) Wood & Bevanda, Stockton: (1) $1,088,373.00; (2) $250,317.50; (Total) $1,338,690.50.

(D) United Concrete Pipe Corp.: (1) $1,066,540.75; (2) $281,908.75; (Total) $1,348,449.50.

(E) J. F. Shea, Inc., Los Angeles: (1) $1,147,131.00; (2) $290,969.00; (Total) $1,438,100.00.

(F) Hunkin-Conkey Const. Co.: (1) $1,160,427.86; (2) $286,099.35; (Total) $1,446,527.21.

(G) Bates & Rogers Const. Co., Azusa: (1) $1,253,835.81; (2) $281,660.-75; (Total) $1,535,496.56.

31

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

STOCKTON, San Joaquin County. —Oakland Sewer Constr. Co., 2310 Carleton St., Berkeley, at $2,661, awarded contract by the Stockton City Council for construction of main and lateral sewers in the Avondale District.

CONTRACT AWARDED

LOS ANGELES. — Macco-Robertson, Ltd., 815 Paramount Blvd., Clearwater, at $34,547, awarded contract by the Los Angeles Water and Power Commission, 207 S. Broadway, for installation of Topham Street-Canoga Ave., Saticoy Street and Fallbrook Avenue trunk line under Spec. No. X-36.

33— WATER WORKS

BIDS WANTED

VALLEJO, Solano Co., Calif.—Until September 8, 10 a.m., bids will be received by the Vallejo City Council, Alf E. Edgcumbe, City Clerk, City Hall, for furnishing cast-iron bell and spigot water pipe, f.o.b. City Corporation Yard, Virginia and Colusa Sts.

Bids will be taken as follows:

Schedule A

(1) 2,500 l.f. 10-in. Class B & S pipe;
(2) One cross, 10x10x6x6-in., 4 bells, Class B;
(3) One cross, 10x10x4x4-in., 4 bells, Class B.
(4) One tee, 10x10x4-in., 3 bells, Class B;
(5) 4 sleeves, 14-in. size, Class B;
(6) One sleeve, 10-in. size, Class B;
(7) One tee, Class B, 14x4-in. hub end with 5-in. flange drilled extra heavy, American Standard;
(8) One Class B flange, 5x24-in., drilled extra heavy, American Standard.

Schedule B

(1) 6,500 l.f. 4-in. Class B & S pipe;
(2) One 4-in. double hub sleeve, capped 2 in.;
(3) One 4-in. x 90-degree bend, Class B;
(4) 2 4-in. x 90-degree bends, Class B.

Schedule C

(1) 4,400 l.f. 2-in. Class B & S pipe, in 5-ft. lengths;
(2) 130 l.f. 2-in. Class B & S pipe, in 5-ft. lengths;
(3) 2 2-in. x 45-degree bends, B & S pipe;
(4) 3 2-in. plugs.

Specifications obtainable from the office of City Engineer T. D. Kilkenny.

PREPARING PLANS

CAMARILLO, Ventura Co., Cal.—State Architect George B. McDougall is preparing plans and specifications for heating, lighting and water service connections at Camarillo State Hospital. Work will include installation of a 500-hp. boiler, drilling well, installation of pump and installation of ground lighting standards. Estimated cost $45,000.

CONTRACT AWARDED

TUOLUMNE COUNTY, Cal.—W. J. Tobin, 586 Howard St., San Francisco, at $15,078.32 awarded contract by the Public Utilities Commission, City Hall, under Contract No. 160, for constructing a storm water drainage system for Moccasin Diversion Works.

CONTRACT AWARDED

SAN FRANCISCO.—M. J. Lynch, Oakdale and Barnevald Avenues, at $1,650 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. 122, for laying 6-inch cast iron mains in Lakeside Subdivision.

CONTRACT AWARDED

SAN FRANCISCO.—W. J. Tobin, 586 Howard St., at $1,093.70 awarded contract by the Public Utilities Commission, City Hall, for laying 6-inch cast iron mains in University Street and Twin Peaks Blvd.; Spec. No. 121.

NOTICE TO BIDDERS

LOS ANGELES.—The Los Angeles County Board of Supervisors has voted, four to one, to order a 5% preferential in favor of California manufacturers in connection with the purchase of approximately $1,000,000 worth of outlet valves for San Gabriel Dam No. 1. Granting of the preferential was not in accordance with the recommendation of C. H. Howell, Flood Control Engineer. John Anson Ford cast the dissenting vote. The bids are to be opened November 4.

LOW BIDDERS

RIVERSIDE CO., Calif.—L. E. Dixon Co., 609 South Grand Ave., Los Angeles, and Case Constr. Co., 905 Westminster, Alhambra, jointly, at $1,330,-756.35, submitted the lowest of seven bids received by the Metropolitan Water District, 306 W. Third St., Los Angeles, under Spec. No. 160, for constructing the Hayfield Pumping Plant of the Colorado River Aqueduct.

The three low bids follow:

L. E. Dixon Co., L. A., and Case Construction Co., Alhambra—$1,330,-756.35.
Basich Bros., Torrance—$1,332,935.07.
Wood & Bevanda, Stockton—$1,338,-690.50.

Complete bids will be published shortly.

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

SAN FRANCISCO—Standard Fence Co., 440 Bay Shore Blvd., San Francisco, at $72.56 awarded contract by the Department of Public Works, City Hall, under Spec. No. 4600, for furnishing and installing 6-ft. chain link fence at Green and Montgomery Streets.

SANTA CRUZ, Calif.—Sam Ward, Santa Cruz, at $432.20, submitted low bid to Treasury Department, Washington, D. C., for seeding and planting grounds at the post office, Santa Cruz. Only other bid was submitted by West Coast Nursery, Palo Alto, at $678.

BIDS WANTED

SOUTH PASADENA, Los Angeles Co., Calif.—Until September 14, 10 a.m., bids will be received by the Treasury Department, Washington, D. C., for seeding and planting grounds at the U. S. Post Office, South Pasadena.

BIDS OPENED

SAN MATEO.—Following bids received by the San Mateo City Council for constructing two tennis courts 50x120 ft. each., in the City Park:

Paving

L. C. Smith, 235 Third Ave., San Mateo—$2,356.
Palo Alto Road Materials Co., Palo Alto—$2,667.

Fencing

Wisnom Hardware Co., 201 Second St., San Mateo—$937.60.
Kamlan Fence Co., S. F.—$945.40.
Standard Fence Co., S. F.—$958.20.
Wickwire Spencer, S. F.—$979.60.
Page Fence Co., S. F.—$2,098.92.

Electrical Work

Atlas Electric Co., 135 B St., San Mateo—$495.00.
Van Electric Co., San Mateo—$635.00.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—Anchor Fence Co., 460 Fifth St., at $4799.74 awarded contract by the Public Utilities Commission, City Hall, under S. F. W. D. Spec. No. 119, for fencing portions of Calaveras Reservoir with barbed-wire fence

Complete bids published Aug. 28.

BIDS OPENED

SANTA CLARA CO., Calif.—Anchor Post Fence Co., 460 Fifth St., San Francisco, at $5,495.94, submitted low bid to the Public Utilities Commission, City Hall, under S.F.W.D. Spec. No. 119, for fencing portions of Calaveras Reservoir with barbed-wire fence.

The work involves:

(1) 2090 redwood post furnished and set;
(2) 4180 redwood pickets, furnished and set;
(3) 50,160 lin. ft. barbed-wire fence for 4-strand fence;
(4) 190 braces furnished and installed.

Total bids follow:

(A) Anchor Post Fence Co. $5,495.94
(B) Underground Constr. Co., Berkeley 7,268.26
(C) C.C.W. & H.H. Haun 8,922.40
(D) Wm. C. Tate 9,023.10
(E) Union Paving Co. 10,060.50
(F) M. J. Lynch 14,248.10
(G) Pacific Pavements Co., Ltd. 15,500.20

Unit bids follow:

	(1)	(2)	(3)	(4)
(A)	$1.34	$0.41	$0.014	$1.47
(B)	.99	.75	.026	4.00
(C)	2.50	.30	.04	2.30
(D)	1.87	.39	.06	2.50
(E)	1.25	1.00	.05	4.00
(F)	2.20	.75	.11	5.25
(G)	2.60	.65	.12	7.00

Bids held under advisement.

BIDS WANTED

PHOENIX, Ariz.—Until September 18, 10 a.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting at the U. S. Post Office, Phoenix, Arizona.

Plans and specifications may be obtained from above office and from the Custodian of the Building.

BIDS OPENED

LAURIER, Wash.—Louis Delivuk & Co., Spokane, Wash., at $413, submitted low bid to Public Buildings Branch, Washington, D. C., for wire fencing at the U. S. Inspection Station, Laurier, Washington. Only other bid was submitted by Marshall Wells Co., Spokane, Washington, at $909. Bids held under advisment.

BIDS WANTED

SAN FRANCISCO.—Until September 16, 2.30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 4651, for the construction of a retaining wall and fencing for the Garfield Primary School, Kearny and Filbert Sts. Estimated cost, $6,500.

The work will involve No. 9 gauge 2-in. mesh copper bearing steel chain link fence.

Specifications obtainable from City Architect Ch. H. Sawyer, Room 265 City Hall, upon deposit of $5.

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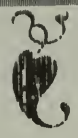
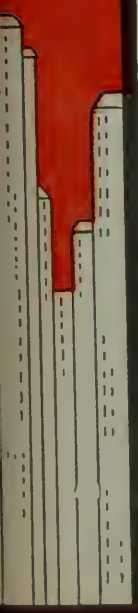
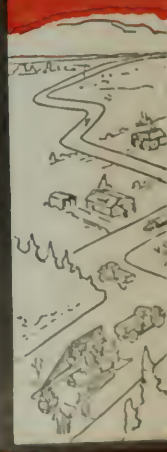


$1,000,000 Boca Dam Bids Called

Advertise First Contract on $750,000 Pier

Building Permits, Advance Reports of Building and Engineering Projects





September 12, 1936

Vol. XIX—No. 37

COLTON CEMENT

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Vol. XIX SAN FRANCISCO, CALIF., SEPTEMBER 12, 1936 No. 37

OPEN SALINAS SCHOOL BIDS; S. F. FIRM LOW

Barrett & Hilp Ask $69,721 For Reconstruction Of Auditorium

SALINAS, Calif., Sept. 9.—Barrett & Hilp, 918 Harrison St., San Francisco, last night submitted the lowest of four bids to the Salinas Union High School District for reconstruction and earthquake-proofing of the high school auditorium here. Amount of the low proposal was $69,721.

Total bids for the work were as follows:

Barrett & Hilp	$69,721
C. L. Wold Constr. Co., S. F.	72,657
B. A. Howkins & Co., S. F.	72,940
H. C. Geyer, Monterey	74,987

Alternate proposals allowing additions for wolvenized lumber, furnishing auditorium and balcony seats, and installing a new electric switchboard, may change these figures slightly.

The work includes, in addition to reconstruction and earth-quake-proofing, enlargement of the auditorium's seating capacity to 1250, improving acoustics, constructing dressing rooms, and other work.

Plans for the job were prepared by Architect Charles Butner of Salinas and Engineer F. W. Kellberg of San Francisco. The project is a part of the PWA school construction and renovation program in California.

(For complete bids, including alternate proposals, see Advance Report Section today.)

FOUR ELECTED TO S. F. EXCHANGE

Four new members have been elected by the San Francisco Builders' Exchange as follows: J. Emmett Connel, 201 Snasome Street, insurance broker; Dalmo Sales Corp., 511 Harrison Street, window hardware, etc.; Hamlin & Hood, 666 Mission Street, cast stone manufacturers and contractors; Mack-International Motor Truck Corp., Eleventh and Howard Streets.

L. A. FIRMS LOW ON CONCHAS DAM

TUCUMCARI, N. M., Sept. 10.—Bent Bros, Inc., 418 South Pecan Street, Los Angeles, and Griffith Co., 502 L. A. Railway Building, Los Angeles, bidding jointly, today submitted the low figure to the U. S. Engineer office here for construction of the main and wing dams of the Conchas Dam project. Amount of the low bid was $4,587,676.

The work is located about 27 miles north of Newkirk, N. M., and includes construction of a concrete gravity dam and two earth wing dams. The gravity dam will be about 220 feet high and approximately 1250 feet long.

G. W. Williams Wins $75,000 Atherton Residence Contract

Contract for one of the largest residences to be constructed in the Bay Region recently was let this week to G. W. Williams Company of Burlingame at approximately $75,000, according to Supervising Architect Angus McSweeney.

It will be a country home at Atherton, and is to be built for B. B. Meek. Plans were prepared under direction of Architect J. C. McKenzie of New York.

Work to be done includes construction of a two-story wood frame residence containing 15 rooms and 10 baths, stables, two garages, tennis courts and roadwork. The house will have shingle roofing and a hot water heating system.

EQUIPMENT DEALERS MEETING MONDAY

After two months without a meeting, The Western Construction Equipment Dealers and Distributors association will hold its regular meeting and dinner Monday night, September 14, at the St. Francis Yacht Club in San Francisco. Dinner will be served at 6:30 p.m., according to Secretary L. C. Petrie.

CALL FOR BIDS ON FIRST S. F. PIER CONTRACT

Substructure for Pier 19 Replacement Is Advertised

Bids for the substructure of one of the two new piers to be constructed on San Francisco's Embarcadero at a cost of about $750,000 each were invited yesterday by the State Board of Harbor Commissioners here. Bids are to be opened in San Francisco September 24.

The board yesterday asked bids for (1) demolition of the present pier 19, at the foot of Filbert street, and construction of a new pier, including jacket piles and concrete deck; and (2) furnishing and placing 24,000 tons of Class B rock.

In addition to Pier 19, the antiquated Pier 9 at the foot of Vallejo street also will be replaced with a modern structure, under terms of the PWA grant, which allotted the harbor board $679,854 for the work, or 45 per cent of the total estimated cost.

The new piers will be of reinforced concrete, with jacketed piling, concrete decks, steel frame sheds with concrete walls, redwood roof sheathing and composition roofing.

Plans were prepared by Chief Engineer Frank K. White for the harbor commission. First contract for the Pier 9 replacement will be ready for advertising in about a month, according to harbor officials.

UNION INDEMNITY CLAIMS SETTLED

Union Indemnity Company of Louisiana, placed in receivership in January of 1933, is settling outstanding claims for workmen's compensation in California, which at the time of insolvency amounted to $179,936. California claimants lar, according to figures supplied the State Industrial Commission. will receive 3.27 cents on the dol-

JONES & KING LOW ON SANTA CLARA PAVING

Bid $253,494 For 10-Mile Project; Other Jobs Figured

SACRAMENTO, Sept. 9.—Low bids aggregating approximately $536,263 for four California road construction and improvement projects were received here yesterday by the State Highway Commission.

Jones & King, Jackson Street, Hayward, at $253,494, submitted the lowest of seven proposals for grading and paving with asphalt concrete about 10.4 miles in Santa Clara county, between San Jose and Coyote. Total bids were:

Jones & King	$253,494
Hanrahan Co., S. F.	273,661
Union Paving Co., S. F.	293,425
Basich Bros., Torrance	299,858
David H. Ryan, San Diego	307,364
A. J. Raisch, San Jose	318,229
A. Teichert & Son, Sacramento	343,072

For grading and paving with asphalt concrete about 11.7 miles in Kern County, Griffith Company, Los Angeles, was low bidder, at $245,578. The work is located between 10.5 miles south of Bakersfield and Grove Street in Bakersfield.

Total bids were as follows:

Griffith Co.	$245,578
Gogo & Rados, L. A.	266,320
David H. Ryan, San Diego	282,055
V. R. Dennis Const. Co., San Diego	289,270
Basich Bros., Torrance	306,305
Southern Calif. Roads Co., Los Angeles	310,436
United Concrete Pipe Corp., Los Angeles	351,152
Union Paving Co., S. F.	384,339

Basich Bros. submitted the lowest of two bids for grading and road-mix surfacing of about 1.7 miles in Inyo county, near the Inyo-Mono county line. Only other bidder for this contract was A. S. Vinnell Company, Los Angeles, who submitted a $22,529 proposal.

Lowest of five bidders for 4.1 miles of crusher run base borders and seal coat in Yolo county was Heafey-Moore Company, 344 High Street, Oakland, whose proposal was $17,075. Total bids for the work, which is located between Kiesel and Sacramento Weir, were as follows:

Heafey-Moore Co.	$17,075
E. H. Hilliard, Sacramento	18,966
Frederickson & Westbrook, Lower Lake	19,185
A. Teichert & Son, Sacramento	20,108
E. A. Forde, San Anselmo	20,293

The highway commission yesterday also called for bids on another highway project, description of which will be found elsewhere in this issue.

Buddhist Churches Costing $75,000 Ready To Contract

Plans for a $50,000 Buddhist church in San Francisco are being completed by Architect G. G. Shimamoto. The building will be located at Octavia and Pine Streets. It will be three stories of steel frame, with wood exterior. Bids will be asked next week from a selected list of contractors.

Architect Shimamoto also has issued plans to three contractors who will figure a $25,000 church building for the Buddhist faith in San Jose. It is to be erected on North Fifth Street, between Jackson and Taylor Streets. Bids will close September 10.

STATE TO TAKE BIDS SEPT. 30 ON SOLANO JOB

Commission Advertises Contract For 2.5-Mile Paving At Vacaville

SACRAMENTO, Sept. 9.—Bids for grading and paving about two and a half miles of highway in Solano County, between one mile west of Vacaville and seven-tenths of a mile east of Vacaville, were invited yesterday by the State Highway Commission. Portland cement paving is specified in the contract, for which proposals are to be received here September 30.

Principal items are: 81,000 cubic yards unclassified roadway excavation; 1,800,000 station yards overhaul; 1,370 cubic yards structural excavation; 5,520 cubic yards class B Portland cement concrete pavement; 28,500 square yards subgrade for pavement; and 59,500 pounds reinforcing steel bars.

Plans and specifications may be obtained from the office of the State Highway Engineer in Sacramento, and are on file at the office of the District Engineer, Federal Office Building, San Francisco.

WIDE SUPPORT FOR GAS TAX MEASURE

Morgan Keaton, director of the California Highway Council, returned from a trip to Southern California, reports increasing support in that territory for the proposed constitutional amendment to protect gasoline tax funds for highway construction.

Likewise, according to Mr. Keaton, endorsements are being received daily at the headquarters in San Francisco from organizations in this vicinity which pledge the members to work for the measure.

FOUR NAMED TO STAFF OF WORLD'S FAIR

Promotional Aides Selected By Cutler; Start Work Immediately

Speeding up organization plans, Leland W. Cutler, president of the Golden Gate International Exposition, yesterday announced appointments filling four administrative posts for the 1939 World's Fair.

Frederick Weddleton was named to organize the Exposition's concession department. Mr. Weddleton, who lives at 410 Forty-first Avenue, San Francisco, has for a number of years been identified with successful show enterprises

Waldo T. Tupper, former director of exhibits at the California-Pacific International Exposition, San Diego, was named in charge of the Exposition's exhibit department.

William H. Woodfield, Jr., has been named to assist Mr. Cutler in special events. A leader for many years in civic affairs, Mr. Woodfield is well known for his direction of scores of parades and pageants in San Francisco, including the national Shrine and other conventions.

J. Emmet Hayden, former president of the San Francisco Board of Supervisors, has been appointed to assist Mr. Tupper in arranging for the participation of California counties in the Exposition.

EDWARD R. BACON EXHIBIT AT FAIR

Edward R. Bacon Company will exhibit again at the California State Fair opening tomorrow in Sacramento, Mr. Bacon announced yesterday.

Latest models in various lines of construction equipment will be shown, including the new Schramm air compressor, a streamlined model of 105 cubic feet air delivery, combining two Ford V-8 engine units. It already has aroused considerable interest among contractors. Other exhibits will be an Aeroil air pressure distributor for spraying asphalt emulsion; Jaeger concrete mixers and pumps, and Kohler electric plants.

The exhibit will be in charge of Rex A. Daddisman, Sacramento district representative of the Edward R. Bacon Company.

PICNIC DATE SET BY S. F. BUILDERS

Emil Hogberg, chairman of the entertainment committee of the San Francisco Builders' Exchange, announces October 3 as the date for the annual boat outing and picnic. Details of the day's program will be announced shortly.

PERIODICAL DEPT

$1,330,756 Aqueduct Pumping Plant Work To Start; Let to Dixon-Case Combination

Work on the last of five pumping plants of the Metropolitan Water District's Colorado River aqueduct to be contracted will be started shortly, following award of the job last week to L. E. Dixon Company and Case Construction Company of Los Angeles at $1,330,756. It is the Hayfield pumping plant, located in Riverside County, about 35 miles east of Indio.

The Hayfield plant will lift the water from Hayfield reservoir, a natural depression known as Hayfield Dry Lake, in which 86,500 acre feet of water may be stored, a height of 440 ft. into Hayfield tunnel through which it will flow under Shaver's Summit, the highest point in the mountain range over which the aqueduct water has to be lifted. The Hayfield is the final and highest lift in the total of 1615 ft. which has to be made between the reservoir which will be formed back of Parker dam in the Colorado river and the summit. The other lifts are 290 ft. at the intake on the river, 303 ft. at Gene Wash, 147 ft. at East Iron Mountain and 438 ft. at East Eagle Mountain.

Hayfield pumping plant will be located at mile 126 west of the Colorado river on the main aqueduct line and about 35 miles east of Indio. Water will flow into Hayfield reservoir from a 7-mile stretch of open lined canal, passing through a sand trap, box siphon and rectangular canal directly into the intake manifold except when it is rejected, in which case it will be diverted through a spillway channel and wasteway into the reservoir. When it is necessary to take water directly out of the reservoir, it will be allowed to flow through an intake channel on the opposite side of the plant and a gate into another manifold intake. From the pumping plant the water will be forced through a delivery pipe up the side of the mountain to the east portal of Hayfield tunnel.

Hayfield plant, like all the others, will be a massive and somewhat complicated structure. It will be built on the slope of the mountain at the edge of the reservoir. An estimated total of approximately 209,400 cu. yds. of excavation of all classes will be required for the pump house and auxiliary buildings, switch and transformer racks, delivery line and incline railway. For the pump house alone 56,000 cu. yds. of earth and 64,000 cu. yds. of rock must be removed.

The substructure of the Halfield plant, as for all the others, will be constructed to ultimate dimensions, consisting of 12 bays, each 27 ft. wide and 44 ft. deep, making the total length 334 ft. The superstructure will consist of only 7 bays, as only a portion of the ultimate pumping capacity will be installed at present. Provision is made for three pumping units each capable of lifting 200 second feet out of a total of 9 such units ultimately to be installed, this number allowing for one spare unit to be used for an emergency.

From the lowest point in the foundation the substructure will be 83 ft. in height to the main floor. The superstructure will be 46 ft. 7 in. in height from the main floor to the eave of the pitched roof. Construction of the substructure will be reinforced concrete, while the superstructure will have a steel frame and concrete walls, and the clay tile roof on a reinforced concrete slab will be supported by steel trusses. All sash will be steel and the doors metal clad.

There will be an estimated 11,915 cu. yds. of concrete in the substructure of the pump building and control house, which is 68x40 ft. and a total of 9,727 cu. yds. of concrete in other structures covered by Schedule 1. Lump sum bids are asked for erecting the superstructure of the pump building, including traveling crane for handling motors and machinery; also the superstructure of the control house, switch house, generator and compressor house and concrete water tanks.

For reinforcement in the substructure of the pump building and control house approximately 962,000 lbs. of steel bars must be fabricated and placed. For all other reinforced concrete work under Schedule 1 approximately 868,150 lbs. of steel will be fabricated and placed.

Three branches, consisting each of 3 ft. 6 in. steel pipe encased in concrete, will carry the water from the pumps into the main delivery line which will be 10 ft. inside diameter, of welded steel plates. This main delivery line, about 1200 ft. in length, will have rocker supports fastened to stiffener rings on the pipe, and bolted into concrete piers. The rocker supports will take up the expansion and contraction in the line. Thickness of the pipe shell will range from 3/8 in. to 7/8 in. Riveted expansion joints caulked with lead wool will be provided, the rivets being countersunk inside the pipe.

An incline railway will be constructed on the mountain side parallel to the delivery line. This will have a standard gauge, 4 ft. 8 1/2 in. track with rails weighing 50 lbs. to the foot. The hoist house will be located above the transition section at the portal to Hayfield tunnel.

Construction of the Hayfield sand trap, wasteway, spillway and approach channel is included in Schedule 2. This layout extends from a junction with the aqueduct main canal to the aqueduct intake manifold, a distance of about 2000 feet. The sand trap will consist of a series of settlement basins, each 10x42 ft., and covering an area 420 ft. long and 70 ft. wide. The walls and floors of the trap will be reinforced concrete. There will be "V"-shaped bottoms in the separate compartments with weep holes at the tip of the V over rock drains. Sand accumulating in the basins will be removed by a dredge on a traveller moving lengthwise over the trap on a track and discharged through flumes. The settlement basins will have a depth of about 16 ft. The inlet channel will run alongside the basins. Baffle plates between them and the channel will regulate the flow through the sand trap. When the flow is shut off from the trap the water will overflow into the spillway channel and be carried out into the reservoir through a wasteway.

From the sand trap the water will be carried through a reinforced concrete box siphon with three compartments each 9 ft. 9 in. square inside, to a reinforced concrete rectangular canal about 31 ft. wide inside with walls about 16 ft. high, which will terminate in a transition section to the trash rack at the intake.

BUREAU CALLS BIDS SEPT. 30 ON BOCA DAM

Earth Fill Structure On Little Truckee To Cost $1,000,000

Bids for constructing the Boca Dam to create a storage reservoir on the Little Truckee River in Nevada just over the California line, will be opened September 30 in Reno by L. J. Foster, construction engineer for the U. S. Bureau of Reclamation.

The dam will be an earth fill structure behind which will be stored 40,000 acre-feet of water to be drawn upon by the Washoe and Newlands Project irrigation districts. The two districts have agreed to reimburse the government for the cost of construction over a period of years. A grant of 30 per cent of the cost of approximately $1,000,000 has been allotted by PWA.

Principal construction items include 225,000 cubic yards stripping; 87,700 yards open-cut excavation; 1,000,000 yards common excavation; 110,000 yards rock excavation; 870,000 yards earth fill in embankment; 115,000 yards rock fill on downstream slope of dam; 32,200 yards riprap.

Principal material items which will be furnished by the government and will be installed by the contractor are 670,000 pounds reinforcement bars; 16,000 pounds steel tunnel liner plates; 400,000 pounds metalwork.

Time for completion is 800 calendar days.

GATE BRIDGE EMPLOYMENT ABOVE 1000

Way Cleared For Erection Of Trusses And Floor Beams

With the resumption of the erection of the suspended structure of the Golden Gate Bridge, this week's employment roll has jumped past the 1000 mark, and indications are that before the end of the week more men will be employed on the project than at any one time since construction was commenced.

This was announced today by General Manager James Reed, supplementing the weekly progress report of Chief Engineer Josph B. Strauss, which indicats that construction activities on all units of the project are going ahead full speed.

Mr. Reed pointed out that in excess of 400 WPA workers are employed between the Sausalito lateral approach highway and construction under way in the Presidio of San Francisco, while 630 men are working on the several units under contract.

This latter number will be increased as the erection of the suspended structure of the bridge proceeds, he said.

With 20 sets of suspender cables hung on the main span and two sets on the back spans, the way has been cleared for erection of the stiffening trusses and floor beams and, by the end of this week, progress on this work will have reached a point where it will be readily apparent to passengers on the north-bay ferries.

Large quantities of floor beam and stiffening truss steel have been delivered at the piers on both sides of the Golden Gate and delivery will continue almost daily until the suspended structure is completed.

Work on the San Francisco approach span is going ahead rapidly with the first truss span just south of the anchorage under erection. Riveters are closely following the erection crews. At the same time the false work for the arch over old Fort Scott is nearing completion and the first foundation steel will be set this week.

The low viaduct of the east approach road through the Presidio is completed with the exception of a few feet of concrete railing and concrete forms and reinforcing steel are being placed in position preparatory to the paving of the west end of the high viaduct.

Excavation and the pouring of concrete footings at the site of the toll plaza also is continuing, and more than 2000 yards of concrete have been poured for the anchorage blocks on both sides of the Golden Gate, bringing them close to completion.

U. S. Survey Finds Many Residences Lack Utilities; Western Homes Best Equipped

That there is a need for electrical and gas facilities and hot water installation in many residential units throughout the United States is indicated in a study by the U. S. Bureau of Foreign and Domestic Commerce recording the lack of such facilities in many of the 2,633,135 residences in 64 selected cities reported upon in the study.

The study shows that 25 per cent of the total urban dwelling units reported upon had only cold water facilities, while about 66 per cent were equipped with both hot and cold water facilities.

When the data were tabulated by cities proper and their environs for 31 of the 64 cities, very illuminating market facts for this equipment were revealed. Although the average for the environs of 31 cities, reporting structures without running water facilities, was 20 per cent, the ratios by city environs varied greatly, the range being from 74 per cent for Knoxville, Tennessee, to 1 per cent for San Diego, California.

Over 90 per cent of the total dwelling units covered by the survey used electricity for lighting, 0.2 per cent utilized gas, and 9 per cent depended upon "other" fuel.

While the use of electricity for lighting predominated throughout the 64 cities included in the study its importance varied sectionally, according to the study. Cities on the Pacific Coast with 98 per cent of the homes lighted with electricity ranked highest in this respect. All but 5 per cent of total family units in six of the nine geographical divisions utilized electricity for lighting.

The three exceptions were the South Atlantic region, where only 75 per cent of the residences utilized electricity for lighting, the East South Central region, with 67 per cent, and the West South Central States, with 81 per cent, the study shows.

Dwelling units occupied by owners utilized electricity for lighting to a greater degree than did residences occupied by tenant families with 95 per cent of all owner-occupied units reported as using electricity for lighting compared with 87.5 per cent of the rental family units.

On the other hand, gas was the dominant fuel used for cooking. Sixty-nine and four-tenths per cent of all dwellings had gas cooking facilities, 27 per cent used "other" fuel, while only 4 per cent used electricity for this purpose.

While gas stoves for cooking were most popular, this type of facility made a relatively poor showing, as might be expected, in rental groups under $10 per month. On the average for all cities combined, "other" fuels, such as wood, coal, kerosene, and distillate, were by far the most prevalent in this rental group (80 per cent). The relative importance of "other" fuel for cooking, by other rental groups, was 47 per cent for $10 to $14; 25 per cent for $15 to $20; 11 per cent for $20 to $30, and 6 per cent for the higher monthly rental brackets.

When these comparisons are made sectionally, vast differences are revealed. Arranged according to their magnitude, 76 per cent of total family units renting under $30 per month in East South Central; 65 per cent for South Atlantic; 51 per cent for New England; and 31 per cent for Pacific Coast cities, depended upon "other" fuel such as wood, coal, kerosene, and distillate, for cooking. Other geographical areas reported much smaller ratios in this respect. Family units renting above $30 per month universally used gas for cooking.

About two-fifths of environ family units relied on "other" fuel in contrast with only one-fourth of those in city proper, this study revealed.

The information included in the study, broken down by type of dwelling, rental units, and subdivided by city proper, environs, and metropolitan district for each of the 64 cities, was collected as a part of the Real Property Inventory conducted during 1934 by the Bureau of Foreign and Domestic Commerce as a Civil Works Administration project. Information concerning the physical condition of the residential units covered in the study has previously been made public.

The purpose of the current report, it was stated, is to furnish pertinent information on urban residential dwellings in order to assist American manufacturers and distributors of electrical and gas household facilities and appliances and related products to determine with a fair degree of accuracy the potential markets for their products.

Titled "Markets for Electrical and Gas Facilities in Residences," Market Research Series, No. 11, copies of the study may be had at 10 cents each upon application to the Bureau of Foreign and Domestic Commerce, Department of Commerce, Washington, D. C.

BOULDER STORY IN BARRETT BROCHURE

"Boulder Dam," a large 16-page brochure containing a photographic history of the construction of Boulder Dam from groundbreaking to completion, is being distributed for a limited time by The Barrett Company, 40 Rector Street, New York City.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1825	Morris	Owner	4000
1826	Morris	Owner	5500
1827	Morris	Owner	6000
1828	Wolter	Owner	5000
1829	Wolter	Owner	5000
1830	Wolter	Owner	6000
1831	Lexington	Owner	4000
1832	Lexington	Owner	4000
1833	Reichert	.....	3000
1834	Toti	Danke	3500
1835	Bruno	Cuddie	6000
1836	Rossi	Risori	1000
1837	Stoneson	Owner	5000
1839	Arlone	Strate	5500
1840	Tanklage	Owner	3500
1841	Roman	Callaghan	1966
1842	Doelger	Owner	4500
1843	Lewis	Baker	2000
1844	Elsbach	Jacks	3500
1845	Foster	Owner	2800
1846	Foster	Owner	1200
1847	Foster	Owner	1800
1848	Foster	Owner	5625
1849	Foster	Owner	1740
1850	Foster	Owner	2825
1851	Foster	Owner	3750
1852	General	Cahill	35000
1853	Regal	Elec.	1000
1854	McCarthy	Aetna	3000
1855	Bargsnoell	Anderson	3000
1856	McCarthy	Aetna	3000
1857	Arco	Owner	3500
1858	Little	Owner	5000
1859	Little	Owner	5000
1860	Mastrodmenico	Foliotti	2000

DWELLING
(1825) E 35th AVE. 37 S GEARY. 2-story and basement frame dwelling.
Owner—A. T. Morris and Sons, 5400 Fulton.
Architect—Not Given. $4000

DWELLING
(1826) E. 35th AVE., 63 S. GEARY. 2-sty. and basement frame dwelling.
Owner—A. T. Morris and Sons, 5400 Fulton.
Architect—Not Given. $5500

DWELLING
(1827) NE COR. 35th AVE. AND GEARY. 2-story and basement frame dwelling.
Owner—A. T. Morris and Sons, 5400 Fulton.
Architect—Not Given. $6000

DWELLING
(1828) W. MAYWOOD, 360 N OF BRENTWOOD. 1-story and basement frame dwelling.
Owner—Paul A. Wolter, Jr., 190 Maywood.
Architect—Earl MacDonald, 110 Sutter St. $5000

DWELLING
(1830) W. MAYWOOD, 520 N. OF BRENTWOOD. 2-sty and basement frame dwelling.
Owner—Paul A. Wolter, Jr., 190 Maywood.
Architect—Earl MacDonald, 110 Sutter St. $6000

DWELLING
(1831) W. 7TH AVE., 257 S. LAWTON. 1-sty. and basement frame dwelling.
Owner—Lexington Co., 1631 21st Ave.
Architect—Not Given. $4000

DWELLING
(1832) W. 7TH AVE., 229 S. LAWTON. 1-story and basement frame dwelling.
Owner—Lexington Co., 1631 21st Ave.
Architect—Not Given. $4000

DWELLING
ALTERATIONS
(1833) NE COR. JACKSON AND SCOTT. Alter dwelling.
Owner—Irving F. Reichert, Temple Emanuel.
Architect—Alfred Henry Jacobs, 110 Sutter St. $3000

DWELLING
(1834) W. KEY, 125 E. JENNINGS. 1-story and basement frame dwelling.
Owner—C. Toti, 974 Ke ySt.
Architect—E. H. Donke, 1317 Hyde St. $3500

STORE & FLAT
(1835) N. LELAND, 100 E. ALPHA. 2-story frame store and flat.
Owner—Louis Bruno, 91 Leland.
Contractor—L. R. Cuddie, 712 Cole St.
Architect—Not Given. $6000

ALTERATIONS
(1836) 2472 UNION. Alter dwelling.
Owner—Angelo J. Rossi, 2466 Union.
Contractor—S. Rasori, 74 New Montgomery St.
Architect—Mark Jorgensen, 321 Bush St. $1000

DWELLING
(1837) W. JUNIPERO SERRA, 238 N. OCEAN. 2-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $5000

DWELLING
(1839) W. CLAYTON, 607 N 17TH. 1-story frame dwelling.
Owner—A. Arlom, 1329 6th Ave.
Contractor—Adolf Strate, 190 Moneta Way.
Architect—L. Conrich, 1732 Balboa St. $5500

CABINET SHOP
(1840) S. VAN DYKE, 150 W. JENNINGS. 1-story frame cabinet shop.
Owner—M. G. Tanklage, 2125 Santiago.
Architect—A. H. Lamb, 557 Market St. $3500

DWELLING
(1841) 610 VALLEJO. Alter dwelling.
Owner—Roman Catholic Archbishop of San Francisco, 1200 Franklin.
Contractor — Jack Callaghan, 900 Clayton.
Architect—Edward A. Eames, 216 Pine St. $1966

DWELLING
(1842) W. 16TH AVE., 133 S. ORTEGA. 1-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah.
Architect—Not Given. $4500

DWELLING
(1843) W. VIENNA, 175 N. AVALON. 1-sty and basement frame dwelling.
Owner—J. Lewis, 483 Valencia.
Contractor—Jack Baker, 287 Humboldt Road, Brisbane.
Architect—C. M. Cook, 2363 33d Ave. $2000

MARKET
(1844) SE COR. TARAVAL AND 32ND AVE. 1-story frame market.
Owner—R. H. Elsbach, 520 Montgomery St.
Contractor—Jacks and Irvine. 620 Market St.
Architect—S. L. Hyman and A. Appleton, 68 Post St. $3500

SIGN
(1845) 74 RINCON. Roof sign.
Owner—Foster and Kleiser Co., 1675 Eddy St. $2800

SIGN
(1846) 511 HARRISON. Roof sign.
Owner—Foster and Kleiser Co., 1675 Eddy St. $1200

SIGN
(1847) 425 2nd ST. Roof sign.
Owner—Foster and Kleiser Co., 1675 Eddy St. $1800

SIGN
(1848) 274 BRANNAN. Roof sign.
Owner—Foster and Kleiser Co., 1675 Eddy St. $5625

SIGN
(1849) 444 5th ST. Roof sign.
Owner—Foster and Kleiser Co., 1675 Eddy St. $1740

SIGN
(1850) 375 FREMONT. Roof sign.
Owner—Foster and Kleiser Co., 1675 Eddy St. $2825

SIGN
(1851) 333 BRYANT. Roof sign.
Owner—Foster and Kleiser Co., 1675 Eddy St. $3750

BOTTLING WORKS
(1852) CARROLL AVE. and NEWHALL ST. Class A Bottling Works.
Owner—General Brewing Corp., 2601 Newhall.
Architect—Federick H. Meyer, Kohl Bldg.
Engineer—C. H. Snyder, 257 Kearny.
Contractor—Cahill Brothers, Inc., 206 Sansome. $35,000

SIGN
(1853 600 BRYANT. Electric sign.
Owner—Regal Amber, Prem.
Architect—Not Given.
Contractor—Electrical Products Corporation, 910 Harrison. $1000

DWELLING
(1854) N. GRAFTON, 85 W JULES. One-story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny St.
Architect—Not Given.
Contractor—Aetna Construction Co., 1730 24th Ave. $3000

DWELLING
(1855) E. 45TH AVE., 175 S JUDAH. One-story and basement frame dwelling.
Owner—O. Bargsnoell, 916 Kearny.
Architect—Not Given.
Contractor—P. Andersen, 4082 Army St. $3000

DWELLING
(1856) N. GRAFTON, 60 W JULES. One-story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny St.
Architect—Not Given.
Contractor—Aetna Construction Co., 1730 24th Ave. $3000

OFFICE
(1857) E. MISSION and S. CONCORD. One-story frame office.

Owner—Arco Building Co., 4708 Mission St.
Architect—Not Given. $3500

DWELLING
(1858) E. 25th AVE., 165 N OCEAN. One-story and basement frame dwelling.
Owner—M. A. Little Company, 107 24th Ave.
Architect—Masten & Hurd, Post St. $5000

DWELLING
(1859) E. 25th AVE., 121 N OCEAN. One-story and basement frame dwelling.
Owner—M. A. Little Company, 107 24th Ave.
Architect—Masten & Hurd, Post St. $5000

ALTERATIONS
(1860) 933 WISCONSIN. Alter dwg.
Owner—L. Mastrodmenico Prem.
Architect—Not Given.
Contractor—R. Foliotti, 200 Cervantes. $2000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1379	Larmer	Owner	6600
1380	Matawrack	Molu	4000
1381	Matherig	Jackson	4500
1382	Johnson	Nordstrom	2000
1383	McKenna	Owner	1000
1384	Fisher	Johnson	2500
1385	Sinai	Yerrick	2000
1838	Russell	Owner	6000
1386	Burger	Hansen	5000
1387	Haulman	Haulman	4000
1388	Paddock	Owner	3450
1389	Fuller	Homer	3500
1390	Smith	Jensen	2600
1391	Slejwort	Farringer	1000
1392	Dailey	Paige	19350
1393	Adams	Johnson	5000
1394	Adams	Anderson	4000
1395	Adams	Anderson	4000
1396	Siri	Valente	17500
1397	Davies	Dawe	6000
1398	Modern	Ferro	1000
1399	Chevrolet	Austin	5900
1400	French	Colby	3000
1401	Schetter	Campomenosi	14000
1402	White	Redmours	3000

RESIDENCE
(1378) 1566 OAKLAND AVE. 2-story, 8-room residence and garage.
Owner—Mrs. Frances M. Thomas, 305 Hillside Ave.
Architect—Not Given.
Contractor—McWethy & Porter, 51 Vernon St. $7000

RESIDENCE
(1379) 1132 OAKLAND AVE. 2-sty. 6-room residence and garage.
Owner and contractor—Edward Larmer, 90 Fairview Ave.
Architect—Not Given. $6600

DWELLING
(1380) 3215 WYMAN ST. 1-story, 5-room dwelling.
Owner—R. C. Matawrack, 1232 Seminary.
Architect—Not Given.
Contractor—O. S. Molu, 4001 E. 16th St. $4000

DWELLING
(1381) 10501 BREED ST. 1-story 6-room dwelling.
Owner—Walter E. Matherig, 1926 107th Ave.
Architect—Not Given.
Contractor—C. A. Jackson, 1272 105th Ave. $4500

ALTERATIONS
(1382) 1415 SAN PABLO. Sidewalk alterations.
Owner—Phyter Johnson, Am. Trust Bldg.
Architect—Not Given.
Contractor—David Nordstrom, Bidrs. Exchange. $2000

ADDITION
(1383) 1066 GLENDORA AVE. Addition to dwelling.
Owner and Contractor—Mrs. F. P. McKenna, 1006 Glendora Ave.
Architect—Not Given. $1000

DWELLING
(1384) 1928 100th Ave. 1-story, 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Architect—Not Given.
Contractor — Elmer Johnson, 450 Oakes Blvd., San Francisco. $2500

ADDITION
(1385) 485 WESLEY. Addition to apartments.
Owner—E. Sinai, Prem.
Architect—Not Given.
Contractor—A. J. Yerrick, 5263 College. $2000

DWELLING
(1386) 2996 SOUTHWOOD DRIVE, ALAMEDA. One-story 5-room dwelling.
Owner—F. L. Burger, Prem.
Contractor—Chris Hansen, 4500 Santa Clara Ave.
Architect—Not Given. $5000

DWELLING
(1387) 3034 FERNSIDE BLVD., ALAMEDA. One-story five-room dwelling.
Owner—C. P. Haulman, 1243 Broadway.
Contractor—P. R. Haulman, 1243 Broadway.
Architect—Not Given. $4000

DWELLING
(1388) 1636-A 9TH STREET, ALAMEDA. 1-story 5-room dwelling.
Owner and Contractor—L. O. Paddock, 1626 9th St.
Architect—Not Given. $3450

BARN
(1838) SE JERROLD AND NAPOLEON. 1-story frame barn.
Owner—P. Russell, 37 Hawthorne.
Architect—Not Given. $6000

DWELLING
(1389) 36 EUCALYPTUS PATH. 1 story 5-room dwelling.
Owner—Wm. C. Fuller, No. 4, Alvarado Road.
Contractor—Homes Const. Co., 1318 Portland Ave., Albany.
Architect—Not Given. $3500

ADDDITION
(1390) 1139 SUNNYHILL ROAD. 2-room addition.
Owner—Jesse Smith, Prem.
Contractor—Jensen & Pedersen, 3443 Adeline St.
Architect—Miller & Warnicke. $2600

DWELLING
(1392) 35 LINCOLNSHIRE DRIVE. 2-story 10-room dwelling.
Owner—Frank H. Dailey, 671 Longridge Road.
Contractor—Harold L. Paige, 5651 Oak Grove.
Architect—Claude B. Barton. $19,350

ADDITION & ALTERATION
(1391) 4334 LA CRESTE. Addition and alteration.
Owner—W. R. Stewart, Prem.
Contractor—Farringer & Spaulding, 1511 Union.
Architect—Not Given. $1000

DWELLING
(1393) 3650 REDWOOD ROAD. 2-story 6-room dwelling.
Owner—C. Robert Adams, 62 Farragut Ave., Piedmont.
Contractor—W. James Johnson, 401 Richfield Oil Bldg.
Architect—Not Given. $5000

DWELLING
(1394) 3816 REDWOOD ROAD. 1-story 5-room dwelling.
Owner—C. Robert Adams, 62 Farragut Ave., Piedmont.
Contractor—Frank W. Anderson, 2111 Ashby Ave.
Architect—Not Given. $4000

DWELLING
(1395) 3808 REDWOOD ROAD. 1-story 5-room dwelling.
Owner—C. Robert Adams, 62 Farragut Ave., Piedmont.
Contractor—Frank W. Anderson, 2111 Ashby Ave., Berkeley.

BUILDING
(1396) 1960 SAN PABLO. Group F: 2-story 12-room building.
Owner—G. Siri, 1077 University Ave.
Contractor — M. E. Valente, 5118 Clarke St., Oakland.
Architect—Not Given. $17,500

DWELLING
(1397) 420 KENTUCKY. 2-story 7-room frame dwelling and garage.
Owner—C. E. Davies, 449 Coventry Road.
Contractor—Leslie E. Dawe, 449 Coventry.
Architect—Walter See, 1047 Monterey. $6000

SIGN
(1398) 3347 LAKE SHORE AVE. Metal sign.
Owner—Modern Food Stores, Prem.
Contractor—Ferro Enameling Co., 1100 57th Ave.
Architect—Not Given. $1000

CANOPY
(1399) 10920 E. 14TH ST. Canopy of steel.
Owner—Chevrolet Motor Co., 10920 E. 14th St.
Contractor—The Austin Co., 516 18th St.
Architect—Not Given. $5900

DWELLING
(1400) 1025 KEELER. 1-story 5-room frame dwelling.
Owner—O. M. French, 746 Ensenada.
Contractor—J. E. Colby, 2229 Carlton.
Architect—Not Given. $3000

DWELLING
(1401) 160 SANDRINGHAM, PIEDMONT. 2-story 8-room residence and garage.
Owner—Allen Schetter, F. M. Ball Canning Co.
Architect — Clarence Mayhew, 6026 Acacia.
Contractor — E. Campomenosi, 6401 Broadway Terrace. $14,000

ALTERATIONS
(1402) 5848 BIRCH ST., OAKLAND. Alterations.
Owner—Mrs. Ira C. White, Prem.
Architect—Not Given.
Contractor—C. E. Redmours. $3000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
No.	Owner	Contractor	Amt.
116	Wilson	Rousseau	12,250
117	Sisters	Brueck	13,400
118	Murphy	McCarthy	7,200
119	Roche	Augenstein	4400
120	Bank	Giampolini	2000
121	Schmidt	Bosch	1800
122	Schmidt	Mills	1139

FLATS
(116) S. LAKE, 83 W 26th AVE. 2-story and basement frame flats.
Owner—Hariet M. Wilson.
Architect—Not Given.
Contractor—Oliver M. Rousseau, 321 Kearny.
Filed Sept. 3, 36. Dated Aug. 21, 36.
Before construction..... 100.00
Frame up 6000.00
Brown coat 1531.25
Completion 1531.25
Usual 35 days.....3087.50
TOTAL COST, $12,250
Limit 120 days. Plans and specifications filed.

ALTERATIONS
(117) 781 ASHBURY. Alter dwelling into chapel.
Owner—Sisters of Perpetual Adoration of the Blessed Sacrament, 783 Ashbury St.
Architect—John J. Foley, 770 Fifth Avenue.
Contractor — Michael Brueck, 1200 Bayshore Blvd.
Filed Sept. 3, '36. Dated Aug. 26, '36. 75% of value, 1st of each month. 25%, usual 35 days.
TOTAL COST, $13,400
Bond $13,400. Sureties Standard Accident Insurance Co. Limit 100 days. Plans and specifications filed.

DWELLING
(118) N. JERSEY, 100 W. DOLORES 2-sty. and basement frame dwelling.
Owner—Cornelius P. and Norah Murphy, 1008 Diamond St.
Architect—Not Given.
Contractor—Robert McCarthy, 1363 14th Ave.
Filed Sept. 2, '36. Dated Sept. 2, '36.
Frame up 1800
Brown coat plaster.....1800
Completion 1800
Usual 35 days.....1800
TOTAL COST, $7200
Limit 100 days. Plans and specifications filed.

DWELLING
(119) NW GRANDVIEW AV, 52 ft NE LOT 19, BLK 19, Market St. Homestead Assn. 1-story frame dwelling.
Owner—Lawrence Roche and Gertrude Roche, 51 Diamond St., San Francisco.
Architect—Not Given.
Contractor—A. E. Augenstein, Jr.
Filed Aug. 13, '36. Dated Sept 4, '36. Roof on, 25%; brown coat plaster, 25%; completion, 25%; usual 35 days, 25%.
TOTAL COST, $4400

OFFICE BUILDING
(119) BOWDITCH & BANCROFT WAY, Berkeley. 1-story and part basement frame and stucco office building.
Owner—Gertrude Turner Huberty.
Architect—Julia Morgan, 1135 Merchants Exch. Bldg., San Francisco.
Contractor—H. K. Henderson.
Filed Sept. 4 '36. Dated Sept. 5, '36. Payments not stated. Contractor gets 10% of labor and material for supervision. Progress payments on 8th day each month.
Plans and specifications filed.

WASHING & PAINTING BANK
(120) CLAY, MONTGOMERY AND COMMERCIAL STS. Washing and painting bank.
Owner—Bank of America N. T. & S. Assn.
Architect—Not Given.
Contractor—Albert T. Giampolini.
Filed Sept. 2, '36. Dated Sept. 4, '36. 75% on 1st and 15th of month; 25% usual 35 days.
TOTAL COST, $2000
Bond $200. Sureties Standard Accident Ins. Co. Plans and specifications filed.

PLASTERING
(121) 2ND & BRYANT STREETS. Plastering north wall of building.
Owner—Schmidt Lithograph Co., Inc., Premises.
Engineer—Jesse Rosenwald, 525 Market St.
Contractor—Herman Bosch, 2075 Folsom St., San Francisco.
Filed Aug. 31, '36. Dated Sept. 4, '36.
TOTAL COST, $1800
Bond $1800. Sureties U. S. Fidleity & Guaranty Co. Plans and specifications filed.

ALTERATIONS
(122) 2ND AND BRYANT STS. Alter office.
Owner—Schmidt Lithograph Co., Inc.
Engineer—Jesse Rosenwald, 525 Market St.
Contractor—Mills Construction Co., Russ Bldg., San Francisco.
Filed Sept. 1, '36. Dated Sept. 4, '36.
TOTAL COST, $1139
Bond $1139. Sureties U. S. Fidelity & Guaranty Co. Limit 20 days. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
117	Wood		
118	Tierney	Marchant	6300
120	Mills	Fitzmaurice	5572
121	Leeman	Dolan	4000

RESIDENCE
(117) Lot 647, MONTCLAIR HIGHLANDS, OAKLAND. Residence.
Owner—Helen Wood and Harry N. Reinhart.
Architect—W. W. Wurston, 260 California St., San Francisco.
Contractor—E. Tranneal, 483 Crescent St., Oakland.
Filed Sept. 3, 36. Dated Aug. 31, 36.
Frame complete.....1141.50
Plastered 1141.50
Completion 1141.50
Usual 35 days.....1141.50
TOTAL COST, $4566.00
Limit Dec. 1, 1936. Plans and specifications filed.

DWELLING
(118) LOT 5, BLK 7, THOUSAND OAKS, Berkeley. 6-room dwelling.
Owner—H. L. and Marjorie B. Tierney.
Contractor—J. P. Marchant, 824 Bartlett Road, Berkeley.
Filed Aug. 7, '36. Dated Sept. 4, '36. Four installments—payments not specified.
TOTAL COST, $6300
Limit 90 days. Plans and specifications filed.

CONCRETE & CEMENT WORK
(120) 9TH & FALLON STREETS, OAKLAND. Concrete and cement work and reinforcing steel on Ming Quong Home at 9th & Fallon Sts., Oakland.
Owner—Mills College, Seminary and Camden.
Architect—W. H. Ratcliff, Am. Trust Bldg., Berkeley.
Contractor—J. H. Fitzmaurice, 2857 Hannah St.
Filed Aug. 24, '36. Dated Sept. 8, '36 75% labor and matl. before 10th day each month.
25% usual 35 days.
TOTAL COST, $5572.00
Bond $5572. Sureties Fidelity & Deposit. Forfeit $50 per day. Limit 50 days. Plans and specifications filed.

RESIDENCE
(121) LOT 1, BLK. D, DURANT MANOR, OAKLAND. 5-room residence and 2-car garage.
Owner—Alice C. Seeman.
Architect and Contractor—Leo J. Dolan Co., 345 38th St., Oakland.
Filed Aug. 31, '36. Dated Sept. 8, '36.
Roof framed $800
plbg. and wiring roughed in..... 800
Plastered 800
Completion 800
Usual 35 days..... 800
TOTAL COST, $4000.00
Limit 90 days. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER store, $900; 153 Geary St.; owner, Chandler's Bootery Shop, Prem.; contractor, Mullen Mfg. Co., 60 Rausch.
ALTER flats, $270; 136-138 27th St.; owner, Carlo Paggi, 2412 Folsom; contractor, Carl Frank Co., 305 Bacara.
SIGN, electric, $350; 508 Kearny; owner, Chas. Snyder, Prem.; contractor, Wonderlite Neon Products Co., Inc., 170 Otis.
FLUE, $50; 915 Mission St.; owner, L. H. Salzman, Prem.; contractor, Lewis Sheet Metal Works, 140 8th St.
ALTER sales room, $450; 2001 Van Ness Ave.; owner, S. Sommner, 156 Eddy St.; contractor, D. J. and T. Sullivan, Inc., 1942 Folsom.
ALTER restaurant, $800; SE cor. 4th & Bluxome; owner, Andy Byrne, Prem.
ALTER office, $50; 215 Golden Gate Ave.; owner, Warner Bros., Prem.; contractor, J. W. Bender Roofing Co., 1999 Bryant.
ALTER store, $50; 321 9th Ave.; owner, George Karahadian, 1630 Bush St.
ALTER dwelling, $400; 109 Dwight St.; owner, Manuel Paez, 109 Dwight.
SIGN, electric, $150; 3011 16th St.; owner, Bon Ami Stores, Prem.; contractor, Electrical Products Corp., 910 Harrison.
FLUE, $50; 654 Fulton St.; owner, J. J. McLeod, 650 Fulton; contractor, Lewis Sheet Metal Wks., 140 8th St.
BILLBOARD, $38; W Van Ness, 206 S Mission; owner, Foster and Kleiser Co., 1675 Eddy St.
ALTER apts., $300; 441 Green St.; owner, Marcus Rosse, Prem.; contractor, J. Olafsson, 2685 Diamond.
ALTER dwelling, $500; 47 Van Buren; owner, S. H. Richards, Prem.
BILLBOARD, $25; N Ellis 138 W Leavenworth; owner, Foster and Kleiser Co., 1675 Eddy St.
SIGN, electric, $400; 637 Irving; owner, Ben K. Cherin, premises; contractor, QRS Neon Corp. Ltd., 690 Potrero.
ALTER store, $500; 5351 Geary; owner, D. Saltzman, premises.
GARAGE, private, $137; 6038 Geary; owner, M. E. Gray, premises; contractor, M. M. Bowman, 118 Church St.
BILLBOARD, $7; N Geary 26 W Blake; owner, Foster and Kleiser Co., 1675 Eddy St.
SIGN, electric, $100; 100 3rd St.; owner, Rochester Clothing Co., premises; contractor, QRS Neon Corp. Ltd., 690 Potrero.
ALTER store, $985; 2464 Mission; owner, Geo. J. Young, 827 Guerrero; contractor, Royal Show Case Co., 770 McAllister.
FLUES, $80; 829 York St.; owner, L. Bernardi, premises; contractor, Stelling Sheet Metal Shop, 2811 Army St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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8.—Club Buildings
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11.—Ice and Cold Storage Plants
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13.—Public Buildings, Fire Houses and Jails
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15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
ADDITION Cost, $3,000
SAN FRANCISCO, Calif. N.E. Naples and Brazil Streets.
Addition to apartment house (2, 3 room apartments) wood frame and stucco construction, cast stone trim, asphalt roofing, terrazzo lobby, oak stairs, oak floors, tile baths and kitchens, gas furnace.
Owner—Louis Viglizzo.
Architect—Plans by L. O. Berg, Mills Building.
Contractor—A. D. Augenstein, 132 Judson Street.

3— CHURCHES

To Ask Bids
CHURCH Cost, $50,000
SAN FRANCISCO, Calif. Octavia and Pine Streets.
Three-story frame church (wood exterior).
Owner—Buddhist Mission of North America.
Architect—G. G. Shimamoto, 1534 Geary Street, San Francisco.

4— FACTORIES & WAREHOUSES

Contracts Awarded.
WAREHOUSE Cost, $50,000
SACRAMENTO, Calif. No. 16th St.
One-story brick warehouse (160x240 feet), concrete floors and foundations, etc. (CCC supply depot.)
Owner and Builder—A. R. Meister, 204 N. 16th St., Sacramento.
Plans by Owner.
Lessee—U. S. Government.
Lumber—Friend & Terry, Front and S. Streets, Sacramento.
Corrugated Iron — Thomson - Diggs Co., 3d and R Sts., Sacramento.
Brick Work—Sacramento Brick Co., Front and M Sts., Sacramento.
Sub-bids are being taken on other portions of the work.

General Bids Rejected.
DAIRY PLANT Cost, $100,000
CAMARILLO, Ventura Co. Calif. State Hospital.
Dairy plant (comprising six buildings), reinforced concrete construction, corrugated iron, wood and plaster, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
General bids were rejected and work will be done by day's labor, lowest bid being submitted by Los Angeles Contracting Co., 4816 W. Pico Blvd., Los Angeles, at $117,000.
Awards on other portions of the work were made as follows:
Plumbing & Heating—Scott Co., 243 Minna St., San Francisco, $22,-827.
Electric—Moore Electric Co., 321 West 3d St., Los Angeles, $3,626.
Refrigeration—A-1 Ice Machine Co., 4500 W. Washington Blvd., Los Angeles, $4,080.80.
Complete bids published Aug. 27.

CONTRACT AWARDED
NAPA CO., Calif.—C. G. Langum, Napa, at $10,889, awarded contract by State Department of Public Works for the construction of maintenance station buildings and appurtenances one-half mile north of Napa.
Complete bids published Aug. 27.

CONTRACT AWARDED
FLAGSTAFF, Ariz.—Del E. Webb, 1633 W. Jefferson, Phoenix, awarded contract for oil storage plant in Flagstaff for General Petroleum Corp. It will include two 20,000-gallon vertical storage tanks, warehouse, garage, loading platform, pumphouse, concrete runways and fence. Cost, $11,000.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO, Calif. Second & Bryant Streets.
Alterations to printing plant.
Owner—Schmidt Lithograph Company, Premises.
Engineer—Jesse Rosenwald, 525 Market Street.
Contractor — Hermann Bosch, 2075 Folsom Street.

Bid Opening Postponed Until Sept. 25, 5 P. M.
REFINERY Cost, $2,000,000
YOLO CO., Calif. Two and one-half miles northeast of Woodland.
New sugar refinery (two- and three-story reinf. concrete sugar refinery (320x85 feet), 2-story reinforced concrete office building (96x61 ft), conc. wood-lined bins equipped with air-circulating system; two warehouses (30x135 ft.), corrugated iron walls, ventilareinforced concrete foundation, tors, power plant.
Owner—Spreckels Sugar Co. (C. J. Moroney, Mgr.), 2 Pine St., San Francisco.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Engineering plans by Owner.
Track Work — A. D. Schader, 144 Spear St., San Francisco (5,912 feet of track).
Bids are now being received on a general contract for the main building, office building and sugar silos to be opened Sept. 25, 5 p.m. (Lump sum bid.).
Following will submit bids:
Barrett & Hilp, 918 Harrison St., San Francisco.
P. J. Walker Co., Sharon Bldg., San Francisco.
Lindgren & Swinerton, Inc., 619 H St., Sacramento.
Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco.
As previously reported:
Shops—Villadsen Bros., 354 Hobart St., Oakland.
J. R. Reeves, Sacramento, awarded contract for road work, and warehouse contracts awarded to J. G. Motroni, Woodland.

5— FLATS

Contract Awarded
FLATS Cost, $12,250
SAN FRANCISCO, Calif. S. Lake St. 83' W. 26th Ave.
Two-story and basement frame and stucco flats.
Owner—Harriet M. Wilson.
Architect—Not given.
Contractor—Oliver M. Rousseau, 321 Kearny Street.

September 8, 1936.
Plans Being Completed
ALTERATIONS Cost, $.....
SAN FRANCISCO, Calif. Pacific St.
Alterations and additions to flats.
Owner—Name withheld.
Architect—Fabre & Hildebrand, 110 Sutter Street.
Bids will be asked within one week.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $6,000
OAKLAND, Calif. 2301 Foothill Blvd.
One-story steel service station.
Owner—Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Department of Owner.
Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco, and 366 40th St., Oakland.

7— FEDERAL BUILDINGS

LOW BIDDERS
FEDERAL BLDG. Cost, $400,000
KETCHIKAN, Alaska.
U. S. Federal Building (to house post office, court house, custom house, and jail).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Low Bidder—J. B. Warrack, 1331 Third Ave., Seattle, Wash., $309,-600.
Second low bid was submitted by MacDonald Construction Co., St. Louis, Mo., at $363,630.
Complete bids will be published shortly.
(9583) 1st report May 12, 1936; 3d report July 31, 1936. • 7

LOW BIDDER
KETCHIKAN, Alaska.—Otis Elevator Company, 1 Beach St., San Francisco, at $11,300, submitted low bid to Treasury Department, Washington, D. C., for furnishing and installing passenger elevator in the Ketchikan post office.
Complete bids will be published shortly.

COMPLETE BIDS
LOS ANGELES, Calif.—As previously reported, Sarver & Zoss, Inc., 1015 W. Fourth St., Los Angeles, at $319,000, submitted low bid to Veterans' Administration, Rm. 764, Arlington Bldg., Washington, D. C., for constructing acute building No. 205, at the Veterans' Administration Facility, Los Angeles.
Work includes roads, walks, grading and drainage, excavation, reinforced concrete, hollow building tile, cut stone, cast stone, slate stair treads, marble work, terrazzo, floor and wall tile, rubber tile, compressed asphalt tile, waterproofing, metal work, steel sash, steel stairs, steel cabinets and shelving, tile roofing,

metal lathing, plastering, carpentry, acoustical treatment, insulation, metal weatherstrips, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevator, outside service, connections, etc.

Complete bids follow:

(1) add; (2) deduct.

Sarver & Zoss, Inc., Los Angeles—$319,000; (1) $2,500; (2) $3,600.

John Strona, Pomona—$331,730; (1) $6,140; (2) $3,600.

Gordon & Thiele Constr. Co., Los Angeles—$338,600; (1) $4,950; (2) $3,600.

Herbert M. Baruch, Los Angeles—$339,958; (1) $5,770; (2) $3,600.

Person & Hollingsworth Co., Los Angeles—$341,125; (1) $3,685; (2) $3,950.

R. E. Campbell, Los Angeles—$347,500; (1) $4,000; (2) $3,000.

Myers Bros., Los Angeles—$348,984;

M. L. Bein, Inc., Chicago, Ill.—$349,500; (1) $5,775; (2) $2,300.

(1) $6,000; (2) $4,000.

Byerts & Dunn, Los Angeles—$363,000; (1) $5,000; (2) $2,700.

Los Angeles Contg. Co., & C. J. Wopschal, Los Angeles—$375,000; (1) $7,400; (2) $3,000.

Elevators

Sarver and Zoss, Inc., Los Angeles—$5,600.

Kimball Bros. Co., Council Bluffs, Iowa—$6,800.

Otis Elev. Co., Washington, D. C.—$6,955.

Shepard Elev. Co., Cincinnati, Ohio—$7,550.

Haughon Elevator Co., Washington, D. C.—$8,722.

Herbert M. Baruch, Los Angeles—$9,314.

Bids held under advisement.

Site Selected.
POST OFFICE Cost, $70,000
SUSANVILLE, Lassen Co., Calif. SE. Nevada and Lassen Sts.
U. S. Post Office Building.
Owner—United States Government.
Architect—Plans by Supervising Architect, Treasury Department, Washington, D. C.

Additional Sub-Contracts Awarded.
POST OFFICE Cont. Price, $62,688
UKIAH, Mendocino Co., Calif. NW. Oak and Perkins Sts.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Contractor—Robt. McCarthy, 1363 14th Ave., San Francisco.
Lathing & Plastering—James Patt, 33 Day St., San Francisco.
Mill Work—Anderson Bros. Planing Mill, Quint and Custer Sts., San Francisco.
Hollow Metal Doors—Fire Protection Products Co., 1101 16th St., San Francisco.
Other awards reported July 27th.
(9004) 1st rep. Feb. 24, 1936.

Sub-Contracts Awarded
MAGAZINES Cont. Price, $75,900
HICKAM FIELD, T. H.
Six 40x25x10-ft. Igloo Type reinforced concrete underground magazines with wood barricades and two 8x 8-ft. black powder magazines with wood barricades and a seven-foot high non-climbable fencing around entire magazine area.
Owner—United States Government.
Plans by Constructing Quartermaster, Hickman Field, T. H.
Contractor—Ralph E. Woolley, Honolulu, T. H.
Roofing—Peerless Roofing & Paint Co. Ltd., Honolulu.
Plumbing—Hawaiian Plumbing & Sheet Metal Works, Honolulu.
Sheet Metal—Hawaiian Plumbing & Sheet Metal Works, Honolulu.

Bids Wanted—To Close Oct. 28, 1 P. M.
P. O. & COURTHOUSE Cost, $230,000
HILO, Hawaii.
U. S. Post Office and Courthouse.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for one set.

Bids Wanted—To Close October 9, 1 P. M.
POST OFFICE Cost, $84,000
MESA, Arizona.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Department, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for one set.

BIDS WANTED

SANTA CRUZ, Calif.—Until September 30, 10 A. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for painting, plaster, etc., in the U. S. Post Office, Santa Cruz.

Specifications may be obtained from above office.

Bids Opened
POST OFFICE Cost, $65,000
VACAVILLE, Solano Co., Calif.
U. S. Post Office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Robert McCarthy, 1363 14th Ave., San Francisco, at $67,000 submitted only bid. Bid held under advisement.

CONTRACT AWARDED

SAN FRANCISCO, Calif. — Nick Hemminga, 627 38th Avenue, at $1,250 awarded contract by Treasury Department, for alterations and additions to Rooms 124 and 126, Federal Office Building, San Francisco.

Bids Wanted—To Close Oct. 29, 1 P. M.
FEDERAL BLDG. Cost, $185,000
SITKA, Alaska.
U. S. Federal Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for one set.

September 10, 1936.

BIDS OPENED

SAN MATEO, Calif.—Public Building Contractors, New York City, at $94.00, submitted low bid to Treasury Department, for column guards in the U. S. Post Office at San Mateo. Only other bid was submitted by American Sign Company, Washington, D. C., at $126.

Site Selected
POST OFFICE Cost, $74,000
PACIFIC GROVE, Monterey Co., Calif. Lighthouse Ave. and Caledonia Ave.
U. S. Post Office building.
Owner—United States Government.
Architect—Plans by Supervising Architect, Treasury Department, Washington, D. C.

9— HOSPITALS

Prospective Bidders.
ADDITION Cost, $60,000
WEIMAR, Placer County, Calif.
Addition to tubercular sanatorium (frame and stucco construction).
Owner—Weimar Joint Sanatorium.
Architect—Harry Devine, Cronan Bldg., Sacramento.

Following have procured plans.
Bids open Sept. 10, 11:00 A. M.:
Lindgren & Swinerton, 619 H. St., Sacramento.
Louis Wold, Box 133, Auburn.
Central California Construction Co., 2602 San Bruno Ave., San Francisco.
W. E. Truesdale, 2116 H. St., Sacramento.
Chas. Unger, 2526 27th Ave., Sacramento.
L. Ubels, Ripon.
H. W. Robertson, 3004 F. St., Sacramento.
Petersen & Steinbrenner, 1116 O. St., Sacramento.

Plans and specifications may be obtained from the architect upon deposit of $15.00.

(8534) 1st report Dec. 11, 1935; 6th report Aug. 27, 1936.

BIDS OPENED

ATWATER, Merced Co., Calif.—Following bids were received by the Atwater City Clerk for furnishing and installing equipment for the Hospital and Nurses' Cottage located on the N.W. corner of Grove Ave. and Third St., Atwater.

(a) Work complete.
(b) Certain portions of equipment.
(c) Deduction.

Frank W. Beecher Co., 149 New Montgomery St., San Francisco:
(a) $10,196.02
(b) .....
(c) 1,646.97

Mangrum Holbrook Co., San Francisco:
(a) .....
(b) $ 3,040.20
(c) .....

Dohrmann Hotel Supply Co., San Francisco:
(a) .....
(b) $ 3,700.00
(c) .....

Bids held under advisement.

BIDS WANTED

SANTA ROSA, Sonoma Co., Calif.—Until September 21, 1:30 p.m., bids will be received by the Sonoma Co. Board of Supervisors for furnishing and installing hospital equipment in the new Sonoma County Hospital, Santa Rosa. Plans prepared by Architect John I. Easterly, 302 Grant St., Healdsburg.

Bids are being taken as follows:
(1) Electric fixtures;
(2) Radio equipment;
(3) Electric clocks;
(4) Strip heaters;
(5) Refrigeration and ice plant equipment;
(6) Incinerator;
(7) Sterilizing equipment;
(8) Venetian blinds;
(9) Metal lockers;
(10) Surgical and ward equipment;
(11) Sheeting;
(12) Bedding and linens;
(13) X-Ray and dark room equipment;
(14) Furniture;
(15) Kitchen equipment;
(16) Kitchen range;
(17) Kitchen utensils;
(18) Laboratory equipment;
(19) Surgical instruments;
(20) Water softener and chlorinator.

Bids are being received on separate items and on a lump sum basis.

Plans and specifications may be obtained from the architect and from the county clerk, courthouse, Santa

Rosa, upon deposit of $10.00. A set is also on file in the offices of the San Francisco Builders' Exchange, 666 Mission Street, and the Oakland Builders' Exchange, 354 Hobart St.

10— HOTELS

Planned
HOTEL COURT Cost, $30,000
EUREKA, Humboldt Co., Calif. Tydd estate (56 acres).
Hotel Court (30 units) hotel bldg. 25 rooms) landscaping, etc.
Owner—Mrs. May Gallow, Travelers Hotel, Eureka.
Architect—Not selected.
A contract for a bridge over the slough awarded to Fred J. Maurer, Eureka, and roadwork contract awarded to John C. Kjer, Arcada.

Contract Awarded
ALTERATIONS Cost, $——
SACRAMENTO, Calif. 1006 K. St.
Alterations in Hotel Sacramento for millinery store.
Owner—Anell Millinery Shop, Hollywood.
Architect—Harry J. Devine, Cronan Building, Sacramento.
Contractor—Peter Leoni, 1055 54th St., Sacramento.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Clearing Contract Awarded
STATE CAPITOL Cost, $2,200,000
SALEM, Oregon.
Three-story State Capitol bldg. (light stone or marble facing, grilled windows and doors), rectangular shape, approx. 400x164 feet with cylindrical tower rising from center section to height of 166 feet; administrative office on first floor, legislative chambers, etc., on 2nd floor, assembly hall on 3rd; basement to contain barber shop, cafeteria and state dept. work rooms.
Owner—State of Oregon.
Architect—Goodhue Livingston, 101 Park Ave., New York.
Associated Architect—Whitehouse & Church, Railway Exchange Bldg., Portland.
Clearing, Excavation, Fence, etc.—Roy L. Houck, Salem, Oregon, $8,410.
Plans for the building are being completed and bids will be asked shortly.

BIDS WANTED
SAN JOSE, Santa Clara Co.—Until September 14, 5 P. M. (to be opened at 8 P. M.), bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for plastering the new library.
Specifications obtainable from the

BIDS WANTED
SAN FRANCISCO.—Until September 18, 10:30 a.m., bids will be received by Department of Public Works, Room 251, City Hall, for remodeling of steam curtain at the Municipal Opera House. Estimated cost, $1,500. Specification No. 4691.
Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall, upon deposit of $5.00.

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $.....
BAYWOOD, San Mateo Co., Calif.
Two-story frame and stucco residence (Monterey Type).
Owner—J. Henry Delaney, San Francisco.
Architect—Will H. Toepke, 537 Call Bldg., San Francisco.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 each
SAN FRANCISCO, Calif. E. 25th Ave., N Ocean.
Two one-story and basement frame and stucco residences.
Owner—M. A. Little Company, 107 24th Ave.
Architect—Masten & Hurd, 233 Post Street.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
SAN JOSE, Santa Clara Co., Calif. 1611 Shasta Ave.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—Rollie Williams, 1497 Shasta Ave., San Jose.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.

Contract Awarded
RESIDENCE Cost, $7,500
BERKELEY, Alameda Co., Calif. 420 Kentucky.
Two-story frame and stucco residence (7 rooms).
Owner—C. E. Davies, 449 Coventry Road, Berkeley.
Architect—Plans by Walter See, 1047 Monterey, Berkeley.
Contractor—Leslie Dawe, 449 Coventry Road, Berkeley.

Contract Awarded
RESIDENCES Cost, $5,000 ea.
OAKLAND, Calif. 3650-3808 and 3816 Redwood Road.
Three one-story and basement frame and stucco residences.
Owner—C. Robert Adams, 62 Farreget Ave., Piedmont.
Contractor—Frank W. Anderson, 2111 Ashby Ave., Berkeley.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO, Calif. 933 Wisconsin Street.
Owner—L. Mastrodemico, premises.
Contractor—R. Foliotti, 200 Cervantes Blvd.

Contract Awarded
RESIDENCES Cost, $4,500 each
SAN FRANCISCO, Calif. N. Grafton St., W. Jules.
Two, one-story and basement frame and stucco residences.
Owner—The McCarthy Company, 333 Kearny Street.
Contractor—Aetna Construction Co., 1730 24th Ave.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
MILLBRAE HIGHLANDS, San Mateo, Calif. Hillcrest.
Two one-story frame and stucco residences.
Owner and Builder—H. Christensen, 3804 17th St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
PIEDMONT, Alameda Co., Calif. 1132 Oakland Ave.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—Edward Larmer, 90 Fairview Ave., Piedmont.
Architect—Not Given.

CONTRACT AWARDED
WEST LOS ANGELES, Calif.—Eric Barclay, 709 Architects Bldg., Los Angeles, awarded contract for construction of a two-story residence on Barrington Avenue, near Chapparel St., Brentwood, West Los Angeles, for Frank Capra, care of Columbia Studios. It will be of frame construction with plaster exterior and will contain 16 rooms; wood shake roofing, wood sash, seven tiled bathrooms, overhead garage doors, electric or unit heating, etc. Roland E. Coate, 701 Architects' Bldg., Los Angeles, Architect.

Contract Awarded.
RESIDENCE Contract Price, $8,100
SAN JOSE, Santa Clara Co., Calif. Emory and Morse Streets.
Two-story and basement frame and stucco residence (7 rooms and 2 baths) tile roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—E. Rosenthal.
Architect—Charles McKenzie, Twohy Building, San Jose.
Contractor—Ernest Hathaway, 1102 So. 6th St., San Jose.

Sub-Bids Being Taken.
RESIDENCE Cost, $7,200
SAN FRANCISCO. N. Jersey St. W. Dolores.
Two story and basement frame and stucco residence (7 rooms, 2 baths), tile and Pabco roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Cornelius Murphy.
Architect—Chas. Strothoff, 2264 15th St.
Contractor—Robert McCarthy, 1363 14th St.
Construction will start Sept. 8.

Sub-Bids Being Taken.
RESIDENCE Cost, $10,500
SAN FRANCISCO. N. Paloma, 350 E. Juniperro Serra Blvd.
Two story and basement frame and stucco residence (7 rooms, 3 baths), tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. and Mrs. Joe Galvin.
Plans by C. Hugh Kirk, Millbrae Highlands.
Contractor—Robert McCarthy, 1363 14th Ave.

Low Bidder
RESIDENCE Cost, $.....
MILL VALLEY, Marin Co., Calif.
One-story frame and stucco residence (5 rooms).
Owner—S. G. Bagshaw.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.
Low Bidder—J. Dawson, 1507 Lincoln St., Berkeley.

Contract Awarded
RESIDENCE Cost, $.....
OAKLAND, Calif.
One-story wood frame residence (4 rooms.
Owner—Mr. Reinhart.
Architect—William Wilson Wurster, 260 California St., San Francisco.
Contractor—Enoch Trammal, 483 Crescent Street, Oakland.

Contract Awarded
RESIDENCE Cost, $.....
WALNUT CREEK, Contra Costa Co., Calif.
One-story all-wood residence.
Owner—Allen Wood.
Architect—William Wilson Wurster, 260 California St., San Francisco.
Contractor—C. O. Bradhoff, 911 55th St., Oakland.

Sub Contracts Awarded
RESIDENCE Cost, $7,136
OAKLAND, Alameda Co., Calif. Oakmore Highlands.
Two-story frame and stucco residence.
Owner—L. S. Smook.
Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.
Contractor — D. W. Nicholson, 550 Blossom Way, San Leandro.
Plumbing—J. J. Horner, 532 Catlan Ave., San Leandro.
Electric Wiring — Carlson Electric Co., San Leandro.

Heating & Sheet Metal—Atlas Heating & Vent. Co., 557 4th St., Oakland.
Tile Work—P. J. Kooyman, 1616 Lafayette St., Alameda.
Glass—East Bay Glass Co., 621 6th St., Oakland.
Hardwood Floors—Rex Floor Co., 2468 65th Ave., Oakland.
Foundations—F. Lopes, 315 Garcia Ave., San Leandro.
Lumber—Smith Lumber Co., Oakland.
Mill Work—Boorman Lumber Co., Oakland.
Hardware—Higgins Awning & Linoleum Co., 2335 Broadway, Oakland.
Lathing & Plastering—C. F. Jeffers.
Painting—H. K. Lawrence.
Concrete—F. Lopes, 315 Garcia Ave., San Leandro.
Linoleum—Higgins Awning & Linoleum Co., 2335 Broadway, Oakland.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif. 2472 Union Street.
Alterations to residence.
Owner—Angelo J. Rossi.
Architect—Mark Jorgensen, 321 Bush Street.
Contractor—S. Rasori, 74 New Montgomery Street.

Plans Completed
ALTERATIONS Cost, $4,000
SAN FRANCISCO, Calif. N.E. Jackson and Scott Streets.
Alterations to residence.
Owner—Irving F. Reichert, Temple Emanuel.
Architect—Alfred Henry Jacobs, 110 Sutter Street.

To Be Done By Day's Work
RESIDENCES Cost, $6,500 each
SAN FRANCISCO, Calif. Maywood, near Brentwood.
Three, two-story and basement frame and stucco residences.
Owner—Paul A. Wolter, Jr., 190 Maywood.
Architect and Builder—Earl MacDonald, 3812 Broadway. Piedmont.

Plans Being Prepared
RESIDENCE Cost, $7,500
OLYMPIA, Washington.
One-story wood frame residence (6 rooms) English style, shingle roof, hot air heating system, wood sash, tile bath, hardwood floors, etc.
Owner—A. Drees, Olympia, Wash.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Bids will be taken by the owner shortly.

Sub-Bids Being Taken
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Hopkins Avenue.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas heating system, wood sash, hardwood floors, etc.
Owner: Tieslau Bros., 1315 Allston Way, Berkeley.
Architect—E. D. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Calif. 3324 Storer Ave.
One-story and basement frame and stucco residence (6 rooms).
Owner—Robert Brushim, 2944 Eastman Ave., Oakland.
Architect—Not Given.
Contractor—John Flemming, 2712 14th Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $5,500
SAN FRANCISCO, Calif. W. 28th Ave., S Geary St.
One-story and basement frame and stucco residence.
Owner—J. W. Edmonds, 677 43d Avenue.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford Street.

To Be Done By Day's Work
RESIDENCES Cost, $6,500 each
SAN FRANCISCO, Calif. E. 35th Ave. S. Geary Street.
Three, two-story and basement frame and stucco residences.
Owner—A. T. Morris & Sons, 5400 Fulton Street.
Architect and Builder—Not given.

Contract Awarded
RESIDENCE Cost, $20,000
OAKLAND, Calif. 35 Lincolnshire Drive.
Two-story and basement frame and stucco residence (10 rooms).
Owner—Frank H. Dailey, 671 Longridge Road, Oakland.
Architect—Claude B. Barton, 364 Staton St., Oakland.
Contractor—Harold L. Paige, 5651 Oak Grove, Oakland.

Plans Being Prepared
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif. Ulloa St. near 14th Ave.
One-story and basement frame and stucco residence (6 rooms, 2 baths), tile and composition roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. Halsen, 2427 25th Ave.
Architect—D. E. Jaekle, 126 Post St. Sub-bids will be taken in one week.

Plans Being Figured—Bids Close Sept. 14, 2 P. M.
RESIDENCE Cost, $.....
SEBASTOPOL, Sonoma Co., Calif.
One-story and basement frame and stucco residence (5 rooms) board and batten exterior, shake roof, wood sash, hardwood floors, etc.
Owner—George Carlisle.
Architect—Clarence Caulkins, Rosenberg Building, Santa Rosa.

Plans Being Prepared
RESIDENCE Cost, $4,000
SAN BRUNO, San Mateo Co., Calif.
One-story frame and stucco residence (5 rooms) full shake roof, gas heating system, hardwood floors, tile bath, wood sash, etc.
Owner—Name withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $6,000
SAN MATEO, Calif. Aragon Tract.
One-story and basement frame and stucco residence (5 rooms) Spanish style; tile and composition roofing, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Name withheld.
Architect—D. E. Jaekle, 126 Post St.
Contractor—J. Fillipo, in care Architect.

Plans Being Prepared
RESIDENCES Cost, $4,000 Each
SAN BRUNO, San Mateo Co., Calif.
Two one-story and basement frame and stucco residences (5 rooms each) shake roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Name withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost $7,500
OAKLAND, Calif. 2843 Sylhowe Rd.
Two and one-half story frame and stucco residence (8 rooms).
Owner—F. W. McFadden, 2242 Seminary Ave., Oakland.
Architect and Builder—Not given.

Plans Being Prepared
RESIDENCE Cost, $6,500
LARKSPUR, Marin Co., Calif.
One-story and basement frame and stucco residence (5 rooms) Spanish style, tile roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Name withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Prepared
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif. Corbett Avenue.
One-story and basement frame and stucco residence (5 rooms) tile and composition roofing, gas heating system, wood sash, hardwood floors, etc.
Owner—Name withheld.
Architect—D. E. Jaekle, 126 Post St. Sub-bids will be taken in one week.

Sub-Bids Being Taken
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif. Pinelake Park.
One-story and basemeut frame and stucco residence (5 rooms), tile and composition roofing, gas heating system, wood sash, hardwood floor, tile bath, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cost, $7,000
MILLBRAE HIGHLANDS, San Mateo, Calif. Ashton and Hazel.
One-story and basement frame and stucco residence.
Owner—Everett H. Davis.
Architect—Not Given.
Contractor—W. O. Nicolaides, 218 Peninsula Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $8,500
PIEDMONT, Alameda Co., Calif. 1566 Oakland Ave.
Two-story frame and stucco residence (8 rooms).
Owner—Mrs. Frances M. Thomas, 305 Hillside Ave., Piedmont.
Architect—Not Given.
Contractor—McWethy & Porter, 51 Vernon St., Piedmont.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif. 2700 Jackson Street.
Alterations to residence.
Owner — Sacred Heart Academy, Premises.
Architect—H. A. Minton, 525 Market Street.
Contractor — David Paganini, 519 California Street.

15— SCHOOLS

Preparing Preliminary Plans
SCHOOL Cost, $75,000
LODI, San Joaquin Co., Calif.
New music department and shop building (brick construction).
Owner—Lodi Union High School District.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Plans Being Completed.
GYMNASIUM Cost, $30,000
SACRAMENTO, Sacramento Co., Calif. Fourth and O Streets.
One-story brick and steel gymnasium (73x133 ft.).
Owner—Buddhist Church, Inc., 418 O St., Sacramento.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Structural Engineer—E. D. Francis,

California State Life Bldg., Sacramento.
Bids will be asked in about ten days.

BIDS WANTED
LOS ANGELES, Calif.—Until September 22, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a two-story rein. concrete building to be erected at the Latona Avenue school, 625 E. Avenue 43. Cost, $81,000. Orville L. Clark ,Architect; Manley W. Sahlberg, Structural Engineer; and C. A. Sanborn & Co., Mechanical Engin-

Planned
SCHOOL Cost, $——
EL CERRITO, Contra Costa Co., New junior high school.
Owner—Richmond Union High School District (Walter T. Helms, Supt. of Schools), Richmond.
Architect—To be selected.
Application will be led with the PWA and if approved a bond issue will be called.
Further details will be announced at a later date.

BIDS WANTED
LOS ANGELES, Calif.—Until September 24, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for additions to, and reconstruction of, the main brick building at Garvanza school, 301 N. Avenue 62. Cost, $70,000. Samuel E. Lunden, Architect; Paul E. Jeffers, Structural Engineer; Ralph E. Phillips, Mechanical Engineer.

Plans Being Figured—Bids Close Sept. 20
BUILDING Cost, $160,000
SEATTLE, Washington. Fifth Ave., bet. Lane and Weller St.
Three-story and basement reinforced concrete business building (240x 120 feet).
Owner—Blumauer - Frank Drug Co., H. G. Woodruff, Local Mgr., 1224 First Ave. South, Seattle.
Architect—Graham & Painter, Ltd., Dexter Horton Bldg., Seattle.

Contract Awarded
GYMNASIUM Cont. Price, $100,950
SACRAMENTO, Calif. Sacramento Jr. College Campus.
One-story reinforced concrete gymnasium (Fourth Unit).
Owner—Sacramento School District.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Contractor — Petersen & Steinbrenner, 1116 O. St., Sacramento.
Complete bids published Aug. 31, 1936.

BIDS OPENED
BIG CREEK, Fresno Co., Calif.—Fresno Electric Co., Fresno, at $3,-235 submitted low bid to Big Creek School District for furnishing and installing electrical heating system in the Big Creek School building now under construction.
Other bids were:
Wayne D. Sutton, Visalia, $3,331.
Electric Construction Co., Fresno, $3,492.
Bids held under advisement.

Plans Being Figured—Bids Close Sept. 22, 5 P. M.
ADDITION Cost, $25,000
PETALUMA, Sonoma Co., Calif.
Addition to domestic science and music building (add four rooms) frame and stucco construction, built-up roofing, etc.
Owner—Petaluma High School Dist.
Architect—Brainard Jones, 226 Washington St., Petaluma.
Bids will be opened at 7:30 P. M. on Sept. 22d.
Plans and specifications may be obtained from the architect upon deposit of $10.00.

Bids Wanted—To Close Sept. 18, 5 P. M.
ALTERATIONS Cost, $165,000
BERKELEY, Ala. Co., Calif. Channing Way and Bancroft Ave.
Alterations and additions to Berkeley High School Gymnasium.
Owner—Berkeley Unified School District (Clara F. Andrews, Secretary).
Structural Engineer—Thos. F. Chace, Berkeley Board of Education, Berkeley.
Plans and specifications may be obtained from the Secretary upon deposit of $25.00.

Bids Wanted—To Close Sept. 18, 5 P. M.
ALTERATIONS Cost, $21,000
BERKELEY, Ala. Co., Calif. S. Allston Way, bet. Grove and Milvia St.
Alterations and additions to Berkeley High Schol Auditorium.
Owner—Berkeley Unified School District (Clara F. Andrews, Secretary).
Structural Engineer—Thos. F. Chace, Berkeley Board of Education, Berkeley.
Plans and specifications may be obtained from the Secretary upon deposit of $25.00.

Bids Wanted—To Close Sept. 22, 8 P. M.
SCHOOL Cost, $70,000
ALBANY, Alameda Co., Calif.
Third unit at Albany School (classrooms, study hall, administrative offices, cafeteria) reinforced concrete construction, composition roofing, steel joists, steam heating system, etc.
Owner—Albany High School District.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

BIDS WANTED
RED BLUFF Tehama Co. Calif.—Until September 22 7:30 p.m. bids will be received by Fred H. Weeks Clerk Red Bluff Union High School District for furnishing and installing steam heating system in the gymnasium building at the High School.
Plans prepared by Architects Dragon and Schmidts 2058 Allston Way Berkeley may be obtained upon deposit of $5.00.

Plans Being Figured — Bids Close Sept. 16, 4 P. M.
GYMNASIUM Cost, $18,000
AUSTIN, Nevada.
One-story brick gymnasium (50 x 86 feet), concrete foundation, wood framed floor and wood framed peak roof, plastered interior walls.
Owner—Lander County Board of Education.
Architect—F. J. DeLongchamps, Gazette Bldg., Reno, Nevada.
Plans and specifications may be obtained from the architect.

Bids Opened
RECON. AUDITORIUM Cost, $60,000
SALINAS, Monterey Co., Calif.
Reconstruction and earthquake proofing of high school auditorium (enlarge the seating capacity to 1250, improve acoustics, dressing rooms, etc.).
Owner—Salinas Union High School District.
Architect—Chas. Butner, 51 Main St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder: Barrett & Hilp, 918 Harrison St., San Francisco.
Complete bids follow:
(1) add if all lumber is wolvenized.
(2) add if seats for auditorium and balcony are furnished.
(3) add if new electric switchboard is installed.

Barrett & Hilp, San Fran.		$69,721
	(1)	3,000
	(2)	5,500
	(3)	1,000
C. L. Wold Const. Co., S. F.		$72,657
	(1)	2,800
	(2)	5,106
	(3)	959
B. A. Howkins & C., S. F.		$72,940
	(1)	940
	(2)	5,350
	(3)	1,000
H. C. Geyer, Monterey		$74,987
	(1)	1,451
	(2)	5,648
	(3)	1,061

Bids held under advisement.

Low Bidders
SCHOOL Cost, $675,000
BELLINGHAM, Washington.
Two- and three-story high school (458x353 feet), 44 classrooms, auditorium, boys' and girls' gymnasium, etc. (concrete construction).
Owner—Bellingham School District.
Architect — F. A. Naramore, Central Bldg., Seattle.
Low Bidder — Henrikson - Alstrom Construction Co., Textile Tower, Seattle—$425,000.
Plumbing & Heating—A. J. Blythe, Bellingham, $149,488.
Electric—Watts Electric Co., Grand Coulee, Wash., $28,387.
Bids held under advisement.

16—BANKS, STORES AND OFFICES

Plans Being Prepared.
RESTAURANT Cost, $——
SAN MATEO, Calif.
One-story frame and stucco restaurant (flat roof), modern style.
Owner—Chartier's Restaurant.
Architect—Higgins & Root, (Chester Root, Architect), Security Bldg., San Jose.
Bids will be asked in three weeks.

Contracts Awarded.
OFFICE BLDG. Cost, $75,000
SANTA CRUZ, Santa Cruz Co., Calif. Upper Pacific Avenue.
Two-story reinforced concrete office building (50x130 ft), stainless steel and aluminum tile work, etc.
Owner—Coast Counties Gas & Electric Co., Santa Cruz.
Architect—Alben Froberg, 1955 Webster St., Oakland.
Low Bidder—Darrow Palmer, Santa Cruz.
Contractor—Darrow Palmer, 254 Branciforte, Santa Cruz.
Electric—Irvin Smith, 9 Cayuga St., Santa Cruz.
Plumbing—Byrne Brothers, 46 Pacific Ave., Santa Cruz.
(9708) 1st rep. May 22, 1936. 6th rep. Sept. 1, 1936. • 16

Planned
ALTERATIONS Cost, $50,000
OAKLAND, Alameda Co., Calif. S.W. Broadway and Thirteenth Street.
Alterations to building for drug store.
Owner—Irving Jonas, Corinne Goldtree and Gertrude Herschman.
Architect—Not selected.
Lessee—Walgreen Drug Company, Chicago, Ill.
Agent—Lionel Wachs Company, 1419 Broadway, Oakland.

Bid Opening Postponed.
ADDITIONS, ETC. Cost, $——
SAN RAFAEL, Marin County, Calif. B and Fourth Streets.
Alterations to present building and

addition of new annex, 42x45 ft.; 1-story steel and brick construction, plain and ornamental plaster, tile and terra cotta exterior, marble counters, composition roofing, metal windows, new steam heating plant, air-conditioning system, marble and linatile floors, bronze fixtures, cabinet work, etc.
Owner—Bank of San Rafael (William P. Murray, President).
Architect—H. H. Winner, Wordsworth Avenue, Ross.
A new date will be set shortly.
Bids are now being received for the marble, cabinet work and bronze. Estimated cost, $20,000.
As previously reported, H. J. Hansen, San Rafael, at $14,450, awarded contract for excavation, grading, concrete and cement work, reinforcing glazing, roofing, insulating, painting steel, structural steel, rough and finish carpentry, mill work, glass and and sheet metal.

Contract Awarded
STORES & OFFICES
Cont. Price $28,380
SAN MATEO, San Mateo Co., Calif. Third Avenue.
Two-story reinforced concrete store and office building (50x150 ft.), 3 stores, 8 offices.
Owner—H. A. Avensino, 3236 Gough St., San Francisco.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—H. H. Larsen, 64 South Park St., San Francisco.

Sub-Contracts Awarded
ALTERATIONS Cost, $20,000
SAN JOSE, Santa Clara Co., Calif. North First Street.
Remodeling and altering Rucker Bldg. (add four stores and one loft).
Owner—Phelan Estate, Phelan Bldg., San Francisco.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Contractor — William M. Caldwell, 1241 Hedding St., San Jose.
Plumbing—William Serpa.
Electric Wiring—Guilbert Bros.
Sheet Metal—Wm. Serpa.
Glass—Christopher-Schmidt.
Iron Grille Work—Helwig Iron Wks.
Brick and Stone Work—Frank Filben.
Lumber—Glenwood Lumber Co.
Painting—George Cahill.
All of San Jose.

Planned
MARKET Cost, $——
SACRAMENTO, Calif. S. T. Eighth and Ninth Streets.
Drive-In Market.
Owner—Herman T. Davis, Sixth and L. Sts., Sacramento.
Architect—Not given.
Further details will be announced shortly.

Contract Awarded
STORE & FLATS Cost, $7,500
SAN FRANCISCO, Calif. N. Leland, E. Alpha.
Two-story frame and stucco store and flat building.
Owner—Louis Bruno, 91 Leland St.
Architect—Not given.
Contractor—L. R. Cuddie, 712 Cole St.

Contract Awarded
ALTERATIONS Cost, $6,000
FRESNO, Calif. 1025 Van Ness Ave.
Alterations to store building.
Owner—Chas. DeLong.
Architect—Not given.
Contractor—J. R. Church, 221 No. W. St., Fresno.

17— THEATRES

Contract Awarded
ALTERATIONS Cost, $3,500
SAN FRANCISCO, Calif. SE West Portal and Vicente St.
Alterations to theatre.
Owner—Empire Theatre, Premises.
Architect—Not Given.
Contractor—Blumfield Electric Co., 965 Folsom Street.

Contract Awarded
REMODEL THEATRE Cost, $——
WOODLAND, Yolo Co., Calif.
Remodel old Post Office building for theatre (to seat 600).
Owner—Redwood Theatres, 25 Taylor St., San Francisco.
Architect—S. Chas. Lee, 25 Taylor St., San Francisco, and Los Angeles.
Contractor—Guy Morris, Woodland.

Plans Being Prepared
ALTERATIONS Cost, $10,000
SONORA, Tuolumne Co., Calif.
Alterations to theatre building.
Owner—A. D. Duchow.
Architect—S. Chas. Lee, 25 Taylor Street, San Francisco.
Bids will be asked within one week.
(514) * 17

Sub Contracts Awarded
THEATRE Cost, $——
JACKSON, Amador Co., Calif.
Two-story theatre building (theatre to seat 700 and two stores on ground floor; 4 offices on second floor), reinforced conc. construction; Class C; gravel roof, wood sash. Summerbell trusses (50x130 ft.) heating and ventilating system.
Owner—Pam & Pierovich.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Glass — Center Hardware & Glass Co. ,600 Fourth St., San Francisco.
Plumbing and Sheet Metal—Spinetti Bros., Jackson.
As previously reported, reinforcing steel contract awarded to Kyle & Company, Stockton.

18— WHARVES & DOCKS

To Ask Sub-Structure Bids
PIER Cost, $700,000
SAN FRANCISCO. Pier 19, foot of Filbert Street.
Reinforced concrete pier to replace present structure and a steel frame shed with concrete walls, redwood roof sheathing and composition roofing.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank K. White, Fery Bldg., San Francisco.

19—MISC. CONSTRUCTION

Contract Awarded
HORSE BARN Cost, $——
ANDERSON, Shasta Co., Calif.
Horse barn (38x80 feet, 20 box stalls) concrete foundations, metal roofing, etc.
Owner—27th Agricultural District.
Architect—Not given.
Contractor—Al Witherell, Anderson.

BIDS REJECTED
TRUCKEE, Nevada Co., Calif. — State Department of Public Works rejected all bids for the construction of a new Quarantine Station out of Truckee. On bid opening lowest bid was submitted by H. O. Anderson, Truckee, at $2,799.

BIDS WANTED
SAN FRANCISCO.—Until September 30, 10 A. M., new bids will be received by the Directors of the Golden Gate Bridge & Highway District, Room 1000, 111 Sutter St., W. W. Felt, Secretary, for furnishing and installing two service elevators about 3½ ft. square, in the Marin and San Francisco towers of the Golden Gate Bridge.
Bids were previously opened October 31, 1934, at which time low bid was submitted by the Otis Elevator Co., 1 Beach St., at $94,842.
Plans and specifications obtainable from the above office.
Strauss & Paine, Inc., 111 Sutter St., engineers.

TO ASK BIDS
LOS ANGELES, Calif.—A. C. Pillsbury, 1049 Selby Ave., Westwood, has completed plans for an automobile racing plant to be built on a 400-acre site at 5901 Century Blvd. for Los Angeles Raceway; Zack Farmer, managing director, 621 So. Spring St. Segregated bids for the construction work will be taken by Mr. Pillsbury within a few days. The plant will consist of wood frame grandstands to seat approximately 50,000 persons, a two-story, steel and wood frame clubhouse and a two-mile, concrete-paved track. Cost, $275,000.

Contract Awarded
GRANDSTAND & BARN
Cost, $20,000
SANTA ROSA, Sonoma Co., Calif.
Grandstand to seat 1,000 and horse barn (100 stalls) wood frame construction.
Owner—Sonoma County Fair Ass'n.
Architect—Williams Herbert, Rosenberg Building, Santa Rosa.
Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.

CONSTRUCTION STARTED
BURBANK, Los Angeles, Calif.—Warner Bros.-First National Studios, Burbank, have started work on the erection of a new sound stage at 4000 S. Olive St., Burbank, for the company. It will be a wood frame and stucco structure, 135x160 feet in area, with a composition roof; cost, $42,000. The company will start work shortly on the erection of another new sound stage to cover an area of 315x120 feet and to be constructed of wood frame and stucco. The work is being done by the studio's department of permanent construction.

BIDS OPENED
SAN FRANCISCO, Calif.—Bethlehem Shipbuilding Co., 20th & Illinois Sts., San Francisco, at $45,127.05, submitted low bid to the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, for drydocking, painting, and repairing the U. S. Seagoing Hopper Dredge "San Pablo."
Complete bids follow:

Bethlehem Shipbuilding Co.	$45,127.00
Moore Dry Dock	48,149.30
General Engineering & Dry Dock Co.	49,119.55

20—MISC. SUPPLIES AND MATERIALS

TO PURCHASE MATERIALS
OAKLAND, Calif. — Materials for 150 cargo flats will be purchased in the open market by the City of Oakland Port Commission. Estimated cost, $840.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

LOS ANGELES CO., Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at $159,968 awarded contract by the State Division of Highways, Sacramento, for constructing a reinforced concrete girder bridge across the Los Angeles River at Atlantic Ave., about 7 miles north of Long Beach, consisting of thirteen 64-ft. spans and two 18-ft. cantilever spans on concrete piers with pile foundations.

CONTRACT AWARDED

FRESNO CO., Calif.—R. R. Bishop, 5017 E. Broadway, Long Beach, at $6,085 awarded contract by the State Division of Highways, Sacramento, for constructing a bridge across Lone Tree Channel, 13.8 miles east of Fresno.

CONTRACT AWARDED

TULARE CO., Calif.—Rexroth & Rexroth, 2110 C, Station A, Bakersfield, at $12,488 awarded contract by the State Division of Highways, Sacramento, for constructing a timber bridge, grading and applying road-mix surface treatment on about 0.34 mile between 0.4 mile and 0.7 mile north of Elda School.

BIDS REJECTED

SANTA CRUZ CO., Calif.—State Division of Highways, Sacramento, has rejected all bids received August 17 for constructing a bridge across Corralitos Creek, one mile east of Watsonville, and removing and disposing of the existing timber bridge.

L. C. Karstedt, Hotel Resetar, Watsonville, at $11,991.50 submitted low bid.

BIDS WANTED

HUMBOLDT CO., Calif.—Until September 15, 2 P. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of two bridges in District No. 1; one to be a steel bridge 60 ft. long with 12-ft. roadway with wooden approaches across Bear River near the Lowry place, and the disassembling of the steel bridge across Cook's Gulch near Petrolia and transporting and reconstructing it across Bear Creek near Ettersburg. Separate bids must be submitted on the two jobs.

Plans and specifications obtainable from the office of County Surveyor Frank E. Kelly, Second and K Sts., Eureka.

BIDS WANTED

KINGS COUNTY.—Until September 14, 10 a.m., bids will be received by the State Division of Highways, R. M. Gillis, State Highway Engineer, State Highway Bldg., Fresno, for the construction of a timber bridge with concrete deck across East Branch of Cross Creek, about 2 miles west of Corcoran, Kings County.

The work involves:

(1) 1 existing bridge to be removed and disposed of;
(2) 120 cu. yds. structure excavation;
(3) 11,000 lbs. bar reinforcing steel;
(4) 85 cu. yds. class "A" portland cement concrete (structure);
(5) 22 M. ft. board measure redwood timber, dense select all-heart structural grade;
(6) 6 M. ft. board measure redwood timber, select all-heart structural grade.

NOTE: It was previously reported incorrectly that bids would be opened on September 4.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

ORANGE CO., Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at $62,235.50 awarded contract by the State Division of Highways, Sacramento, for constructing a reinforced concrete bridge across the Santa Ana River on Bolsa Ave., 2.3 miles west of Santa Ana, consisting of seven 57-ft. girder spans, and two 19-ft. end spans on concrete piers, and approximately 0.2 mile of roadway to be graded and surfaced with plant mixed surfacing.

COMPLETE BID LISTING

VENTURA CO., Calif.—R. R. Bishop, 5017 E. Broadway, Long Beach, at $53,177, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing two bridges and approaches, one across Todd Barranca and the other across Hopper Creek at points 8.5 and 27.7 miles east of the junction with Route 2.

The work involves:

(1) 21 sta. clear and grubb;
(2) 200 M. gals. water;
(3) 2,400 cu. yds. roadway excav. without class.;
(4) 6,900 cu. yds. imported borrow;
(5) 1,000 cu. yds. struct. excav.;
(6) 21 sta. finishing roadway;
(7) 1,140 tons mineral aggregate
(8) 1,140 tons mineral aggregate (plant-mix surf.);
(9) 62 tons liq. asphalt MC-4 or MC-5 (plant-mix surf.);
(10) 3,000 sq. yds. preparing mix and shape roadbed detour;
(11) 24 tons liq. asphalt SC-2 (road-mix surf. treatment detour);
(12) 155,000 lbs. bar reinf. steel;
(13) 132 cu. yds. class A Port. cem. conc. (footing blocks);
(14) 835 cu. yds. class A Port. cem. conc. (structs.);
(15) 4 M ft. board measure Redwood timber, dense select, all heart, structural grade;
(16) 1,620 lin. ft. furnishing treated Douglas fir piles, including test piles;
(17) 80 each driving treated Douglas fir piles, including test piles;
(18) 120 lin. ft. 36-in. CMP;
(19) 40 each timber guide posts;
(20) 1 only timber detour bridge;
(21) 1 lot exist. bridges to be removed and disposed of;
(22) 60 lin. ft. bank protection fence;
(23) 1 lot misc. items of work.

NOTE: The State will furnish Corrugated Metal Pipe and Band Couplers as more explicitly set forth in the special provisions.

Total bids follow:

(A) R. R. Bishop, $53,177.

(B) R. E. Campbell, Los Angeles, $71,259.10.

	(A)	(B)
(1)	$ 25.00	$ 30.00
(2)	3.00	2.60
(3)	.60	.60
(4)	.70	.70
(5)	1.50	4.50
(6)	15.00	10.00
(7)	25.00	20.00
(8)	4.10	5.50
(9)	18.00	16.50
(10)	.15	.12
(11)	15.00	12.00
(12)	.047	.05
(13)	16.00	21.00
(14)	20.00	29.50
(15)	100.00	140.00
(16)	.75	.78
(17)	20.00	30.00
(18)	3.00	2.00
(19)	2.50	3.00
(20)	1000.00	5000.00
(21)	5000.00	5300.00
(22)	7.00	6.00
(23)	1000.00	650.00

LOW BIDDER

TULARE CO., Calif.—Peter J. McHugh, 1801 S St., Sacramento, at $8,012.50, submitted low bid to the State Division of Highways, R. M. Gillis, District Engineer, Fresno, for about 0.27 mile of grading, applying road-mix surface treatment, and constructing a reinforced concrete bridge in Tulare County between Olive School and one-fourth mile east.

Complete bids will be published shortly.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

23— CANALS

CONTRACT AWARDED

GUSTINE, Merced Co., Calif. — Stanislaus Concrete Products Co., Modesto, at $4,686.40 submitted only bid received and awarded contract by the Gustine City Council, W. L. Chappell, City Clerk, for the construction of earth levees and ditches, concrete pump houses, sump foundations and floors, surge tanks, spillways and overflows and concrete pipe sewers.

W. R. Sherman, Engineer, Newman.

29— STREETS AND HIGHWAYS

BIDS WANTED

SAN FRANCISCO.—Until September 16, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,943, for the widening and reconstruction of Beale St. be-

tween Market St. and the Embarcadero. Estimated cost, $34,145.00.

The work involves:

(1) Lump sum, excavation;
(2) 1650 sq. ft. basalt block pavement removed;
(3) 27,000 sq. ft. asphaltic concrete wearing surface removed;
(4) 2,000 sq. ft. asphalt-concrete or asphalt-basalt pavement removed;
(5) 5,000 lin. ft. granite curb reset;
(6) 1,500 sq. ft. granit curb redressed;
(7) 200 lin. ft. armored concrete circular curb;
(8) 750 lin. ft. granite curb in place (new, tangent);
(9) 9,000 sq. ft. one course concrete sidewalk;
(10) 4,000 sq. ft. asphalt macadam sidewalk;
(11) 2 each, brick catchbasins set to grade;
(12) 30 each, concrete curb inlets constructed;
(13) 24 each, brick catchbasins moved and reconstructed;
(14) 800 tons asphaltic concrete base and levelling course;
(15) 750 tons asphaltic concrete wearing surface;
(16) 100 tons asphaltic concrete conform pavement;
(17) 50 each, crosswalk markers reset;
(18) 800 each, crosswalk markers in place (new);
(19) 40,000 sq. ft. 8-inch Class "E" concrete pacement;
(20) 8 each, manhole frames and covers;
(21) 2,500 lin. ft. 1½-inch black enameled conduit;
(22) 4 each, low pressure fire hydrants moved;
(23) 6 each, high pressure fire hydrants moved;
(24) 4,500 lbs. cast iron pipe and specials;
(25) 500 lbs. pig lead furnished;
(26) 40 cu. yds. high pressure hydrant excavation and backfill;
(27) 1,100 lbs. wrought iron bolts, nuts and washers;
(28) 3 each, police and fire alarm boxes relocated;
(29) Lump sum, electric traffic signals relocated;
(30) 30 cu. yds. Class "B" concrete;
(31) 8 each, street and traffic signs reset;
(32) 6 each, brick catchbasins (new);
(33) 3 each, brick manholes (new);
(34) 340 lin. ft. 10-inch V.C.P. culvert.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 51, City Hall, upon cash deposit of $10.

BIDS OPENED

SIERRA CO., Calif.—Tieslau Bros., Inc., 1315 Allston Way, Berkeley, at $1,842.50 submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for furnishing and applying liquid asphaltic road material on Section A of Route 27, the Sierraville-Hobart National Forest Highway, Tahoe National Forest, Sierra County.

The work involves:

(1) 55 tons asphaltic road material, Type MC-2.

Complete bids follow:

Tieslau Bros., Inc., Berkeley: (1) $33.50; total, $1,842.50.

Silver State Constr. Co., Inc., Fallon, Nevada: (1) $35; total, $1,925.

Harms Bros., Doyle; (1) $39; total, $2,145.

Engineer's Estimate: (1) $26; total, $1,430.

BIDS OPENED

ELDORADO CO., Calif.—Union Paving Co., Call Bldg., San Francisco, at $8,100 submitted low bid to the Bureau of Public Roads, C. H.

LOS ANGELES CO. — 0.3 Mi. Grade and Pave—(State)

LOS ANGELES CO., Calif.—C. F. Robbins, 915 Merritt Bldg., Los Angeles, at $71,434.05, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with portland cement concrete, asphalt concrete and bituminous macadam armor coat on selected material base about 0.3 mile on Washington Blvd. between Spence Street and Downey Road, Los Angeles County.

The work involves:

(1) 17 sta. clear and grub right of way;
(2) 180 M. gals. water;
(3) 41,250 c.y. rdwy. excav., unclass.;
(4) 15 c.y. struc. excav.;
(5) 700 sq. yds. subgrade for pave.;
(6) 17 sta. finishing rdwy.;
(7) 2,725 tons selected imported material;
(8) 685 tons broken stone bituminous macadam (armor coat);
(9) 46 tons liquid asphalt 90-95 bituminous macadam (armor coat);
(10) 10 tons liquid asph. SC-1A (prime coat);
(11) 275 tons asphalt concrete;
(12) 615 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks, pavement and traffic separator);
(13) 5 c.y. Class A portland cement concrete (struc.);
(14) 590 lbs. bar reinf. steel (pave. and struc.);
(15) 300 each pavement dowels;
(16) 2,100 lbs. misc. iron and steel;
(17) 5,333 lbs. steel rails;
(18) 8 l.f. 18-in. standard reinf. conc. pipe;
(19) 100 c.y. existing concrete to be removed and disposed of;
(20) 1 only lighting system.

Total bids follow:

(A) C. F. Robbins, Los Angeles, $71,434.05.

(B) R. E. Campbell, Los Angeles, $76,218.49.

(C) C. O. Sparks & Mundo Engineering Co., Los Angeles, $76,267.65.

(D) Griffith Co., Los Angeles, $77,-226.65.

(E) Southern California Roads Co., Los Angeles, $78,887.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 15.00	$ 10.00	$ 5.00	$ 5.00	$ 5.00
(2)	1.50	1.50	1.50	1.25	2.00
(3)	1.245	1.38	1.45	1.46	1.50
(4)	2.00	2.00	2.00	2.50	2.00
(5)	.15	.20	.15	.13	.12
(6)	5.75	10.00	5.00	8.00	6.00
(7)	1.50	1.40	1.00	1.10	1.20
(8)	2.70	1.30	2.00	3.00	2.00
(9)	22.00	20.00	20.00	17.50	20.00
(10)	18.00	15.00	15.00	15.00	14.00
(11)	4.00	3.50	3.50	3.00	4.00
(12)	14.00	16.00	12.00	12.00	11.50
(13)	30.00	30.00	20.00	30.00	25.00
(14)	.06	.05	.10	.10	.06
(15)	.15	.12	.15	.20	.14
(16)	.20	.18	.18	.11	.18
(17)	.05	.03	.05	.05	.05
(18)	8.00	4.00	3.00	6.00	4.00
(19)	5.00	4.00	3.00	4.00	4.00
(20)	1000.00	750.00	1200.00	1000.00	1200.00

LOS ANGELES CO.—8 Mi. Grade and Pave—(State)

LOS ANGELES CO., Calif.—George R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, at $107,283.35, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with asphalt concrete about 8 miles on Foothill Blvd. between Azusa and Claremont.

The work involves:

(1) 421 sta. clear and grub right of way;
(2) 1,200 M. gallons of water;
(3) 21,000 c.y. rdwy. excav., unclass.;
(4) 5,000 c.y. mile overhaul;
(5) 48,000 sq. yds. preparing subgrade;
(6) 250 c.y. remove and dispose of existing concrete;
(7) 421 sta. finishing rdwy.;
(8) 6,100 tons mineral agg. (plant-mix surf.);
(9) 320 tons liquid asphalt SC-4 (do);
(10) 57 tons liquid asph. SC-2 (prime coat);
(11) 11,275 tons asphalt concrete (base and leveling course);
(12) 5,500 tons asphalt concrete (type A surface);
(13) 970 c.y. Class A portland cement concrete (curbs, gutters, driveways);
(14) 54 each culvert markers;
(15) 30 each guide posts.

Total bids follow:

(A) George R. Curtis Paving Co., $107,283.35.

(B) Griffith Co., Los Angeles, $113,-351.

(C) W. E. Hall, Alhambra, $114,-858.50.

(D) Oswald Bros., Los Angeles, $116,427.00.

(E) George Herz & Co., San Bernardino, $116,464.25.

(F) United Concrete Pipe Co., Los Angeles, $125,248.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 7.00	$ 6.00	$ 9.00	$ 9.50	$ 7.00	$10.00
(2)	2.00	1.75	2.00	2.00	1.20	2.40
(3)	.50	.53	.57	.51	.65	.80
(4)	.06	.10	.30	.20	.08	.12
(5)	.12	.15	.11	.15	.12	.14
(6)	2.00	2.50	3.00	3.00	5.00	2.50
(7)	5.00	3.00	3.00	3.50	5.00	5.00
(8)	2.62	1.95	2.42	2.50	2.10	2.30
(9)	9.20	11.00	12.00	10.00	11.00	12.50
(10)	15.30	14.50	15.00	15.00	12.00	23.00
(11)	3.03	3.50	3.30	3.30	3.35	3.40
(12)	3.26	3.55	3.90	3.65	3.69	3.60
(13)	11.00	13.00	12.00	12.50	14.00	14.00
(14)	2.50	2.00	3.00	2.25	3.00	3.00
(15)	2.50	2.00	3.00	2.00	3.00	3.00

Sweetser, District Engineer, Federal Office Bldg., San Francisco, for clearing Section H of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado County, a length of approximately 2.305 miles.

The work involves:
(1) 18 A. clearing;
(2) 14 A. cleanup clearing.

Complete bids follow:
Union Paving Co., S. F.: (1) $362.50; (2) $112.50; total, $8,100.
Wm. Zavalas, Oroville: (1) $500; (2) $140; total, $10,960.
Engineer's Estimate: (1) $500; (2) $50; total, $9,700.

COMPLETE BID LISTING

LOS ANGELES CO., Calif.—Sander Pearson, 711 16th St., Santa Monica, at $15,501.20, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing about 6.5 miles pavement borders of plant-mixed surfacing, between Brea and Pomona, Los Angeles County.

The work involves:
(1) 2,600 c.y. roadway excavation;
(2) 4,940 tons mineral aggregate (plant-mixed surfacing);
(3) 260 tons liquid asphalt MC-4 or MC-5 or MC-Extra Heavy (plant-mix surfacing).

Total bids follow:
(A) Sander Pearson, Santa Monica, $15,501.20.
(B) Southwest Paving Co., L. A., $16,887.00.
(C) Oswald Bros., L. A., $18,421.00.
(D) Griffith Co., L. A., $21,145.00.
(E) G. R. Curtis Paving Co., L. A., $23,608.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .80	$ 1.23	$ 1.40	$ .70	$ 1.25
(2)	1.98	1.95	2.15	3.07	3.20
(3)	14.00	15.60	16.00	16.00	17.50

CONTRACT AWARDED

RIVERSIDE CO., Calif.—Regal Oil Co., 2305 Orange Ave., Long Beach, at $13,930 awarded contract by the State Division of Highways, Sacramento, for applying liquid asphalt to existing pavement and shoulders on about 47.42 miles in Riverside County between Desert Center and Blythe.

September 10, 1936.

BIDS OPENED

YOLO COUNTY, Calif.—Heafey-Moore Co., 344 High St., Oakland, at $17,075 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for constructing crusher run base borders and applying seal coat thereto on about 4.1 miles between Kiesel and Sacramento Weir, Yolo County.

The work involves:
(1) 200 M. gals. water;
(2) 6,500 tons crusher run base borders;
(3) 11 tons liquid asphalt, SC-2 (prime coat);
(4) 17 tons liquid asphalt 90-95 (seal coat);
(5) 200 tons screenings (seal coat).

Total bids follow:
(A) Heafey-Moore Co., Oakland $17,075.00
(B) E. F. Hilliard, Sacramento 18,966.50
(C) Fredericksen & Westbrook, Lower Lake..... 19,185.00
(D) A. Teichert & Son, Inc., Sacramento 20,108.50
(E) E. A. Forde, San Anselmo 20,293.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 2.00	$ 1.60	$ 1.50	$ 2.50	$ 1.50
(2)	2.35	2.70	2.64	2.80	2.90
(3)	25.00	15.00	30.00	25.00	18.50
(4)	25.00	19.50	35.00	25.00	20.00
(5)	3.50	3.00	4.00	3.50	3.00

CONTRACT AWARDED

TULARE CO., Calif.—Hanrahan Co., Hobart Bldg., San Francisco, at $53,448 awarded contract by the State Division of Highways, Sacramento, for constructing borders of plant-mixed surfacing and road mix surface treatment to be applied to shoulders on about 13.8 miles of roadway located between Kingsbury and 12.2 miles southerly and between 0.6 mile and 2.4 miles south of Goshen Subway.

CONTRACT AWARDED

INYO CO., Calif.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at $10,225 awarded contract by the State Division of Highways, Sacramento, for placing imported borrow and applying road-mix surface treatment and seal coat on about 0.9 mile at various locations in Inyo County, between Little Lake and Cartago.

The unit bids were:
(1) 7,540 tons imported borrow; $0.75;
(2) 190 M. gals. water; $3.00;
(3) 11,000 sq. yds. prepare, mix and shape roadbed; $0.09;
(4) 100 tons liquid asphalt SC-3 (road-mix surface treatment); $22.60;
(5) 9 tons liquid asphalt MC-3 (seal coat); $40.00;
(6) 65 c.y. sand (seal coat); $6.00.

CONTRACT AWARDED

GLENN CO., Calif.—Union Paving Co., 624 Call Bldg., San Francisco, at $186,585 awarded contract by the State Division of Highways, Sacramento, for about 7.4 miles grading and paving with asphalt concrete in Glenn County between Artois and Orland.

CONTRACT AWARDED

COLUSA CO., Calif.—Hanrahan Co., Hobart Bldg., San Francisco, at $29,939 awarded contract by the State Division of Highways, Sacramento, for widening and surfacing with gravel and seal coat about 5.4 miles of roadway between Williams and 5.4 miles west of Williams.

LOS ANGELES CO.—0.9 Mi. Widen Firestone Blvd.—(State)

LOS ANGELES CO., Calif.—Sander Pearson, 711 16th St., Santa Monica, at $69,950.75, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.9 mile widening Firestone Blvd. through Downey and placing widening strips of Portland cement concrete and plant-mixed surfacing.

The work involves:
(1) 50 sta. clear and grub right of way;
(2) 460 M. gals. water;
(3) 13,000 c.y. rdwy. excav., unclass.;
(4) 7,800 tons imported selected material;
(5) 1,400 c.y. struc. excav.;
(6) 13,000 sq. yds. subgrade for pave.;
(7) 50 sta. finishing rdwy.;
(8) 2,400 tons mineral agg. (plant-mix surf.);
(9) 130 tons liquid asphalt MC-4 or MC-5 (do);
(10) 13 tons liquid asph. MC-2 (prime coat);
(11) 2,640 c.y. Class A portland cement concrete (pavement);
(12) 1 each Type C-20 single traffic lane pavement crossing device;
(13) 1 each Type B-20 do;
(14) 2 each Type B-20 double do;
(15) 5,200 each pavement dowels;
(16) 36,500 lbs. bar reinf. steel (pavement and struc.);
(17) 360 c.y. Class A portland cement concrete (struc.);
(18) 22,100 lbs. steel rail assemblies;
(19) 16,400 lbs. misc. iron and steel;
(20) 1.010 c.y. Class A portland cement concrete (curbs, gutters, sidewalks and driveways);
(21) 650 l.f. curb armor;
(22) 44 l.f. pipe handrail;
(23) 1 lot handrails, ornamental iron railing gates, chains and appurtenances (subway);
(24) 180 sq. yds. membrane waterproofing (subway);
(25) 1 lot drainage system (subway);
(26) 2,300 sq. yds. asph. paint binder;
(27) 1 lot electrical system (subway);
(28) 865 c.y. existing concrete to be removed and disposed of;
(29) 8 each manholes to be adjusted to grade;
(30) 6 l.f. 18-in. standard reinforced concrete pipe.

Total bids follow:
(A) Sander Pearson, $69,950.75.
(B) Griffith Co., Los Angeles, $80,869.25.
(C) Oswald Bros., Los Angeles. $83,173.75.
(D) Gogo & Rados, Los Angeles, $83,491.
(E) George R. Curtis Paving Co., Los Angeles, $87,661.
(F) United Concrete Pipe Co., Los Angeles. $98,152.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 16.00	$ 50.00	$ 40.00	$ 20.00	$ 37.50	$ 45.00
(2)	2.00	1.50	1.75	2.00	2.50	2.50
(3)	.40	.45	.70	.50	.75	.80
(4)	1.10	.75	1.20	1.20	1.13	1.10
(5)	.75	1.20	1.10	1.00	1.00	.95
(6)	.12	.12	.125	.12	.13	.15
(7)	5.00	6.00	6.00	10.00	5.00	15.00
(8)	1.96	2.50	2.50	3.00	2.50	2.81
(9)	15.00	15.00	14.25	16.00	16.80	25.00
(10)	20.00	20.00	21.50	20.00	23.00	38.00
(11)	6.50	7.80	7.40	8.00	7.50	9.80
(12)	40.00	100.00	150.00	100.00	100.00	200.00
(13)	75.00	135.00	150.00	100.00	125.00	275.00
(14)	120.00	250.00	250.00	150.00	250.00	500.00
(15)	.11	.14	.12	.14	.13	.12
(16)	.06	.06	.06	.08	.06	.06
(17)	16.75	25.00	20.00	18.00	25.00	20.00
(18)	.05	.07	.05	.07	.06	.08
(19)	.14	.17	.16	.15	.18	.20
(20)	11.00	12.50	11.00	12.00	12.15	13.00
(21)	.80	1.00	.80	1.00	1.00	1.00
(22)	3.00	3.00	3.00	3.00	3.00	4.50
(23)	770.00	825.00	800.00	1000.00	875.00	1250.00
(24)	.80	1.00	1.20	1.00	2.00	.55
(25)	240.00	275.00	250.00	400.00	320.00	500.00
(26)	.03	.02	.03	.03	.03	.03
(27)	375.00	700.00	650.00	500.00	625.00	625.00
(28)	1.75	1.25	2.75	2.00	2.50	2.50
(29)	10.00	15.00	10.00	20.00	12.50	15.00
(30)	2.50	2.50	4.50	2.50	2.50	7.00

BIDS WANTED

SOLANO CO., Calif.—Un... September 30, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.5 miles grading and paving with Portland cement concrete in Solano County between one mile west of Vacaville and 0.7 mile east of Vacaville.

The work involves:

(1) 132 sta. clear and grub right of way;
(2) 5 each shade trees moved and reset;
(3) 1,800 M. gals. water;
(4) 81,100 cu. yds. roadway excavation unclass.;
(5) 150 cu. yds. ditch and channel excavation;
(6) 1,800,000 sta. yds. overhaul;
(7) 1,370 cu. yds. struc. excav.;
(8) 125 cu. yds. exist. conc. remove and dispose of;
(9) 28 cu. yds. salvage surf. base;
(10) 28,500 sq. yds. subgrade for pave.;
(11) 132 sta. finishing rdwy.;
(12) 90 tons liquid asphalt SC-1a (roadbed seal);
(13) 145 tons asphaltic cement grade E (roadbed seal);
(14) 500 tons untreated crushed gravel or stone;
(15) 850 tons mineral aggregate (plant mix surf);
(16) 43 tons liquid asphalt ROMC-4 or ROMC-5 (plant mix surf);
(17) 6 tons liquid asphalt MC-2 (prime coat);
(18) 5 tons liquid asphalt MC-3 (seal coat);
(19) 39 tons screenings (seal coat);
(20) 82 tons liquid asphalt SC-2 (penetration oil treat.);
(21) 65 tons liquid asphalt ROMC-3 or ROMC-4 (road mix surf treat.);
(22) 7,700 sq. yds. preparing, mixing and shaping shoulders and roadbed;
(23) 59,500 lbs. bar reinf. steel (pave and strucs.);
(24) 215 cu. yds. Class "A" Portland cement conc. (strucs.);
(25) 7 cu. yds. Class "A" Portland cement conc. (railing);
(26) 930 lin. ft. furnishing conc. piles, including test piles;
(27) 26 each drive conc. piles, including test piles;
(28) 5,520 cu. yds. Class "B" Portland cement conc. (pave.);
(29) 11,500 each pave. dowels;
(30) 3,200 each pave. tie bolt assemblies;
(31) 7 each type A-10 single traffic lane pave. crossing devices;
(32) 16 each type B-10 single traffic lane pave. crossing devices;
(33) 236 lin. ft. 8-in. C.M.P.;
(34) 220 lin. ft. 12-in. C.M.P.;
(35) 682 lin. ft. 18-in. C.M.P.;
(36) 170 lin. ft. 18-in. C.M.P. (siphon);
(37) 152 lin. ft. 24-in. C.M.P.;
(38) 196 lin. ft. 24-in. C.M.P. (siphon);
(39) 82 lin. ft. 36-in. C.M.P.;
(40) 56 lin. ft. 54-in. C.M.P.;
(41) 5 each 8-in. spillway assemblies;
(42) 1 each 12-in. spillway assembly;
(43) 6 each 18-in. conc. joints (pipe siphons);
(44) 8 each 24-in. conc. joints (pipe siphons);
(45) 716 lin. ft. 8-in. perf. metal pipe (underdrains);
(46) 366 lin. ft. 12-in. perf. metal pipe (underdrains);
(47) 200 cu. yds. rock filling material (underdrains);
(48) 2 each 18-in. automatic drainage gates;
(49) 2 each cast steel frames and covers for drop inlets;
(50) 28 each culvert markers;
(51) 1.45 miles new property fence;
(52) 0.08 mile exist. fences moved and reset;
(53) 9 each drive gates;
(54) 43 each monuments complete in place;
(55) 2 each clearance markers.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Stockton.

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CONTRACT AWARDED

SAN DIEGO and IMPERIAL COUNTIES, Calif.—R. E. Hazard & Sons, 2548 Kettner Blvd., P. O. Box 1438, San Diego, at $67,812 awarded contract by the State Division of Highways, Sacramento, for placing plant-mix surfacing over existing pavement at various locations between 2.0 miles east of Alpine and 0.2 mile east of the San Diego-Imperial county line; shoulders to be constructed and road-mix surface treatment applied on a net length of about 8.4 miles.

BIDS OPENED

OAKLAND, Alameda Co. — Union Paving Co., Call Bldg., San Francisco, at $2,928.50 submitted low bid to the Oakland City Council, City Hall, for grading and paving on Sallon St., between 12th and 14th Sts.

The work involves:

(1) 11,424 sq. ft. grading;
(2) 105 l.f. concrete curb;
(3) 1,914 sq. ft. concrete pavement;
(4) 9,440 sq. ft. asphalt concrete pavement;
(5) One manhole with inlet top.

The bidders were:

(A) Union Paving Co., San Francisco.
(B) Ransome Co., Emeryville.
(C) W. H. Larson, Oakland.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 0.10	$ 0.056	$ 0.08
(2)	.70	.56	.60
(3)	.30	.234	.30
(4)	.11	.24	.27
(5)	100.00	80.00	150.00

DOUGLAS CO., Nev.—6.69 Mi. Highway Construction.—(State)

DOUGLAS COUNTY, Nevada. — Nevada Rock & Sand Co., Inc., 949 E. Fourth St., Reno, at $147,053.11, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for furnishing materials for and constructing approximately 6.. miles of highway in Douglas County, Route 3, Sections C1, C2, C3, between Minden and Cradlebaugh.

The work involves:

(1) 22,821 lin. ft. remove fence;
(2) 375 lin. ft. remove culvert pipe;
(3) 6 each remove culvert headwalls;
(4) 10,818 cu. yd. roadway excavation;
(5) 74,507 cu. yd. imported borrow;
(6) 36,049 cu. yd. select borrow;
(7) 550 cu. yd. structure excavation;
(8) 6.69 miles subgrade;
(9) 6.69 miles finish roadway;
(10) 20,940 tons plant-mix crushed gravel or stone base;
(11) 1,837 M. gal. water;
(12) 653 tons asphaltic road material, Type 93;
(13) 46 tons emulsified asphalt penetration;
(14) 75 tons asphaltic road material, Type SC1A;
(15) 13,017 tons plant-mix asphaltic surface;
(16) 3.93 miles salvage and relay asphaltic surface;
(17) 6.69 miles shoulders;
(18) 235 cu. yd. Class "A" concrete;
(19) 12 cu. yd. Class "B" concrete;
(20) 24,350 lbs. reinforcing steel;
(21) 138 lin. ft. 12-in. CMP;
(22) 236 lin. ft. 18-in. CMP;
(23) 232 lin. ft. 24-in. CMP;
(24) 90 lin. ft. 30-in. CMP;
(25) 323 lin. ft. relay culvert pipe;
(26) 10 each move pipe culvert headwalls;
(27) 30 each monuments;
(28) 21,9233 lin. ft. reconstruct fence;
(29) 52 each culvert markers;
(30) 13 each gates;
(31) Lump sum miscellaneous items.
(32) 648 tons screenings.

Total bids follow:

(A) Nevada Rock & Sand Co., Inc., Reno $147,053.311
(B) Pacific Constr. Co., S. F. 151,370.29
(C) Isbell Constr. Co., Reno 154,840.45
(D) George Pollock, Sacramento 163,765.97
(E) Engineer's Estimate 125,746.66

Unit bids follow:

	(B)	(B)	(C)	(D)	(E)
1	$ .03	$ .03	$ .04	$ .03	$ 0.02
2	1.00	1.00	1.00	.35	1.00
3	10.00	10.00	10.00	10.00	7.50
4	.40	.45	.40	.40	.30
5	.35	.48	.30	.50	.30
6	.35	.50	.35	.60	.40
7	2.00	1.50	1.50	1.50	1.50
8	200.00	300.00	200.00	300.00	200.00
9	100.00	200.00	100.00	300.00	100.00
10	1.45	1.30	1.80	1.30	1.20
11	1.25	1.00	1.25	1.50	1.50
12	20.00	23.00	21.00	25.00	21.00
13	25.00	32.00	32.00	25.00	30.00
14	16.50	20.00	18.50	25.00	19.00
15	2.10	1.50	2.60	1.70	1.40
16	1500.00	700.00	450.00	500.00	700.00
17	200.00	200.00	450.00	300.00	150.00
18	33.00	30.00	29.00	40.00	30.00
19	30.00	30.00	29.00	40.00	30.00
20	.06	.07	.06	.08	0.07
21	2.00	1.75	1.75	1.75	1.50
22	2.50	2.50	2.25	2.50	2.25
23	3.25	3.50	3.25	3.00	3.00
24	4.00	4.50	4.00	4.50	3.50
25	1.00	.80	.75	.50	0.75
26	12.50	10.00	10.00	20.00	10.00
27	3.00	3.50	3.50	5.00	3.50
28	.07	.10	.08	.08	0.08
29	3.00	3.00	3.00	3.50	3.00
30	50.00	50.00	50.00	20.00	50.00
31	750.00	200.00	400.00	1000.00	150.00
32	3.00	3.00	3.50	3.00	2.50

September 10, 1936.

BIDS OPENED

INYO COUNTY, Calif.—Basich Bros., 20550 Normandie Ave., Torrance, at $20,116.70 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and applying road-mix surface treatment and seal coat on about 1.7 miles between 2.5 miles and 0.7 mile south of Inyo-Mono County Line.

The work involves:

(1) 3,300 c.y. rdwy. excav., unclass.;
(2) 500 M. gals. water;
(3) 2,000 sta. yd. overhaul;
(4) 80 c.y. struc. excav.;
(5) 1,600 c.y. Type A, imported borrow;
(6) 7,400 c.y. Type B do;
(7) 179 tons liquid asphalt, SC-3;
(8) 22,300 sq. yds. preparing, mixing and shaping roadbed;
(9) 17 tons asphaltic emulsion (seal coat);
(10) 125 c.y. sand seal coat;
(11) 92 sta. finishing rdwy.;
(12) 6 l.f. 18-in. CMP;
(13) 30 l.f. 24-in. CMP;
(14) 44 l.f. 30-in. CMP;
(15) 8 l.f. 36-in. CMP;
(16) 148 l.f. clean and salvage existing CMP culverts;
(17) 8 each remove and dispose of headwalls;
(18) 5.5 c.y. Class A Portland cement concrete (struc.);
(19) 160 lbs. bar reinf. steel (struc.);
(20) 12 each culvert markers.

NOTE: The State will furnish corrugated metal pipe and band couplers as more explicitly set forth in the special provisions.

Total bids follow:

(A) Basich Bros., Torrance..$20,116.70
(B) A. S. Vinnell Co., L. A... 22,529.50

Unit bids follow:

	(A)	(B)
(1)	$ .30	$ .78
(2)	1.50	2.50
(3)	.02	.01
(4)	1.50	1.20
(5)	.80	.75
(6)	1.16	1.10
(7)	19.00	20.00
(8)	.08	.07
(9)	28.00	30.00
(10)	3.50	4.50
(11)	20.00	25.00
(12)	.50	1.20
(13)	.75	1.25
(14)	.80	1.40
(15)	1.00	1.40
(16)	.85	1.00
(17)	10.00	25.00
(18)	35.00	[illegible]
(19)	.07	.10
(20)	3.00	3.00

COMPLETE BID LISTING

ORANGE CO., Calif.—George R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, at $172,226.40, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about 8.9 miles between Newport Beach and Laguna Beach.

The work involves:

(1) 1,400 M. gals water;
(2) 37,000 cu. yds. rdwy. excav. without class.;
(3) 3,300 cu. yds. remove exist. bituminous macadam;
(4) 15,000 cu. yds. sand (subgrade treatment);
(5) 12,000 sq. yds. blending subgrade;
(6) 52,800 sq. yds. preparing subgrade;
(7) 471 sta. finishing roadway;
(8) 2,200 cu. yds. salvaged macadam base;
(9) 600 tons screenings salvaged macadam base;
(10) 11,700 tons mineral aggregate (plant-mix surf.);
(11) 614 tons liq. asphalt SC-4 (plant-mix surf.);
(12) 74 tons liq. asphalt SC-2 (prime coat);
(13) 34 tons liq. asphalt SC-1A (armor coat);
(14) 54 tons liq. asphalt 90-95 (armor coat);
(15) 2,000 tons screenings (armor coat);
(16) 10,400 cu. yds. class A Port. cem. conc. (pavement);
(17) 21,400 each pave. dowels;
(18) 7 each temporary pave. crossing devices, Type C-10, single lane;
(19) 2 each temporary pave. crossing devices, Type C-10, double lane;
(20) 39,600 lbs. bar reinf. steel.

Total bids follow:

(A) George R. Curtis Paving Co., $172,226.40.
(B) Gogo and Rados, Los Angeles, $173,270.00.
(C) Griffith Co., Los Angeles, $180,148.50.
(D) Oswald Bros., Los Angeles, $191,206.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 2.50	$ 1.00	$ 1.75	$ 2.00
(2)	.30	.45	.40	.50
(3)	.54	1.00	.55	.75
(4)	.60	.60	.75	.87
(5)	.06	.10	.10	.06
(6)	.10	.10	.12	.11
(7)	2.40	6.00	5.00	2.50
(8)	2.34	2.00	.45	2.00
(9)	2.16	2.10	3.00	2.75
(10)	2.78	3.00	2.35	3.15
(11)	8.80	10.00	10.00	9.50
(12)	14.70	10.00	15.00	14.00
(13)	14.50	12.00	16.75	15.50
(14)	23.00	20.00	21.00	20.00
(15)	3.00	2.30	2.75	2.45
(16)	7.75	7.25	8.54	8.10
(17)	.12	.12	.14	.11
(18)	48.00	100.00	60.00	75.00
(19)	96.00	125.00	100.00	150.00
(20)	.07	.08	.07	.06

LOW BIDDER

MONTEREY CO., Calif.—Oilfields Trucking Co., Box 751, Bakersfield, at $4,881.75 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying penetration oil treatment on about 7.1 miles between Big Creek and Anderson Canyon, Monterey County.

Complete bids will be published shortly.

SANTA CLARA CO. — 10.4 Mi. Grade and Pave.—(State)

SANTA CLARA CO., Calif.—Jones & King, Jackson St., Hayward, at $253,494, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and paving with asphalt concrete about 10.4 mi. between San Jose and Coyote, Santa Clara County.

The work involves:

(1) 510 M. gals. water;
(2) 16,450 cu. yds. rdwy. excav. without class.;
(3) 1,510 cu. yds. struct. excav.;
(4) 50,400 cu. yds. imported borrow;
(5) 703 cu. yds. exist. conc. remove and dispose of;
(6) 549 sta. finishing rdwy.;
(7) 19,950 tons crusher run base;
(8) 170 tons liq. asphalt SC-1A shoulders;
(9) 115 tons liq. asphalt SC-2 shoulders;
(10) 860 tons screenings shoulders;
(11) 117,000 sq. yds. asphaltic paint binder;
(12) 52,500 tons asphalt conc.;
(13) 19,200 lbs. bar reinf. steel;
(14) 2,600 lbs. struct. steel;
(15) 163 cu. yds. class A Port. cem. conc. (structs.);
(16) 15 cu. yds. class A Port. cement conc. (curbs and gutters);
(17) 66 lin. ft. 12-in. CMP;
(18) 280 lin. ft. 18-in. CMP;
(19) 40 lin. ft. 24-in. CMP;
(20) 6 each headwalls removed and reset;
(21) 120 lin. ft. 12-in. conc. pipe, remove, clean and relay;
(22) 220 lin. ft. 12-in. conc. pipe remove, clean and salvage;
(23) 296 lin. ft. exist. CMP culverts remove, clean and relaid;
(24) 353 lin. ft. exist. CMP culverts remove, clean and salvage;
(25) 1,065 lin. ft. laminated guard railing;
(26) 0.83 mile new property fence;
(27) 2 each manholes adjusted to grade;
(28) 1 each catch basins adjusted to grade;
(29) 20 each monuments complete in place.

Total bids follow:

(A) Jones & King, Hayward $253,494.00
(B) Hanrahan Co., S. F..... 273,661.30
(C) Union Paving Co., S. F... 293,425.75
(D) Basich Bros., Torrance.. 299,858.40
(E) David H. Ryan, San Diego 307,364.00
(F) A. J. Raisch, San Jose.. 318,229.50
(G) A. Teichert & Son, Inc., Sacramento 343,072.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 1.75	$ 1.50	$ 1.00	$ 1.00	$ 3.00	$ 1.50	$ 2.50
(2)	.30	.36	.48	.60	.60	.60	.58
(3)	1.25	1.40	1.25	1.25	1.50	2.00	1.25
(4)	.43	.50	.60	.50	.70	.60	.58
(5)	3.50	2.50	5.00	2.00	3.00	6.00	3.00
(6)	7.00	9.00	5.00	20.00	5.00	7.50	10.00
(7)	1.64	1.97	2.10	1.90	1.65	2.00	2.65
(8)	11.50	12.50	17.00	11.50	12.00	10.00	12.00
(9)	12.50	14.00	18.00	12.50	13.00	12.00	13.00
(10)	1.55	2.50	3.00	2.50	2.00	2.50	2.50
(11)	.015	.02	.02	.02	.03	.02	.15
(12)	3.26	3.37	3.54	3.70	3.85	4.00	4.27
(13)	.055	.06	.07	.06	.06	.05	.06
(14)	.08	.08	.10	.14	.10	.08	.07
(15)	19.00	22.00	20.00	20.00	22.00	20.00	22.50
(16)	16.50	20.00	20.00	15.00	22.00	20.00	20.00
(17)	1.25	1.25	1.50	1.50	2.00	1.50	1.50
(18)	1.80	1.70	2.00	2.00	2.50	2.00	2.00
(19)	2.75	2.70	3.00	2.50	3.50	3.00	3.00
(20)	10.00	12.00	10.00	20.00	15.00	10.00	15.00
(21)	.50	1.00	1.00	1.50	1.50	1.00	1.00
(22)	.50	.70	1.00	1.50	1.00	.50	1.00
(23)	.60	.70	1.00	.60	1.50	.75	1.00
(24)	.30	.50	1.00	.60	1.00	.50	1.00
(25)	1.00	1.00	1.25	2.00	1.50	1.50	1.20
(26)	550.00	770.00	800.00	600.00	600.00	800.00	600.00
(27)	15.00	18.00	20.00	25.00	10.00	10.00	20.00
(28)	15.00	18.00	20.00	25.00	15.00	10.00	20.00
(29)	3.50	3.00	3.00	3.00	2.00	3.00	3.00

CONTRACT AWARDED

SAN JOSE, Santa Clara Co.—A. J. Raisch, 368 Lincoln Ave., San Jose, at $12,768.03 submitted low bid and awarded contract by the San Jose City Council, John J. Lynch, City Clerk, for paving and improving San Carlos St. between Market St. and the Southern Pacific R. R. viaduct near Royal St.

The work involves:

(1) 1877 tons asphaltic concrete wearing surface;
(2) 95 tons asphaltic concrete leveling course;
(3) 14,168 sq. yds. paint binder coat;
(4) 124,533 sq. ft. existing asphaltic surface to be removed;
(5) 850 sq. ft. existing portland cement concrete strip and oil rail locations;
(6) 13 tons sheet asphalt, Type C, surface course.

NOTE: There is no item provided for the raising of approximately 17 manholes, construction cost to be figured by contractor as part of the laying of the pavement.

Total bids follow:

(A) A. J. Raisch, San Jose, $12,768.03.

(B) Union Paving Co., S. F., $12,849.35.

Unit bids follow:

	(A)	(B)
(1)	$ 4.95	$ 4.95
(2)	5.00	4.50
(3)	.015	.03
(4)	.02	.02
(5)	12.50	10.00
(6)	.10	.10

CONTRACT AWARDED

MONTEREY CO., Calif. — Granite Constr. Co., Ltd., Bin No. 9, Watsonville, at $18,646 awarded contract by the State Division of Highways, Sacramento, for surfacing with retread type surfacing and applying seal coat on portions of about 5.8 miles in Monterey County between San Ardo and King City.

CONTRACT AWARDED

KERN CO., Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $84,420.80 awarded contract by the State Division of Highways, Sacramento, for constructing crusher run base borders, surfacing roadbed with plant-mixed surfacing and applying road-mix surface treatment to shoulders on about 9 miles in Kern County between Bakersfield and the Mountain View School.

CONTRACT AWARDED

MONO CO., Calif.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at $25,773.15 awarded contract by the State Division of Highways, Sacramento, for applying seal coat on about 46.7 miles in Mono County, between Convict Creek and Antelope Valley.

CONTRACT AWARDED

INYO CO., Calif.—Oswald Bros., 366 E. Fifty-eighth St., Los Angeles, at $64,896.20 awarded contract by the State Division of Highways, Sacramento, for surfacing portions of about 18.6 miles with plant-mixed surfacing and applying penetration oil treatment to shoulders in Inyo County, between 1.2 miles north of Lone Pine and Big Pine.

CONTRACT AWARDED

MADERA CO., Calif. — Hanrahan Co., Hobart Bldg., San Francisco, at $31,385 awarded contract by the State Division of Highways, Sacramento, for construction of borders of plant-mix surfacing and road-mix surface treatment to be applied to the shoulders on about 7.3 miles of roadway between 0.6 mile and 7.9 miles north of Madera.

CONTRACT AWARDED

LOS ANGELES CO., Calif. — Matich Bros., Elsinore, at $218,501.80 awarded contract by the State Division of Highways, Sacramento, for 3.1 miles grading and paving with portland cement on Sepulveda Blvd., from Lincoln Blvd. to Centinela Ave.

CONTRACT AWARDED

SAN DIEGO CO., Calif.—Regal Oil Co., 2305 Orange Ave., Long Beach, at $2,309.50 awarded contract by the State Division of Highways, Sacramento, for applying liquid asphalt on shoulders for about 7.1 miles, between north city limits of San Diego and Linda Vista Road.

TO REFUSE AWARD

SANTA CLARA CO., Calif.—A. J. Raisch Co., 358 Lincoln Ave., San Jose, will refuse award of contract by State Division of Highways for grading and applying road-mix surface treatment on about 1.2 miles between State Route 68 and the north city limits of San Jose, due to work-relief labor requirement. The firm's low bid, submitted September 2, was $42,808. Second low bidder is Basich Bros., Torrance, at $62,557.

Complete bids reported September

30—RESERVOIRS & DAMS

September 8, 1936.

BIDS WANTED

TRUCKEE STORAGE PROJECT.—Until September 30, 10 A. M., bids will be received by the Bureau of Reclamation, L. J. Foster, Construction Engineer, Reno, Nevada, under Spec. No. 696, for the construction of the Boca Dam, an earth fill structure which will create a reservoir of about 40,000 acre-feet capacity,

KERN CO. — 11.7 Mi. Grade and Pave.—(State)

KERN COUNTY—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $245,578.20 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and paving with asphalt concrete about 11.7 miles between 10.5 miles south of Bakersfeld and Grove Street in Bakersfield, Kern County.

The work involves:

(1) Clear and grubb right of way;
(2) 2,600 M. gals water;
(3) 200 cu. yds. remove exist. conc.;
(4) 18,500 cu. yds. rdwy. excav. without class.;
(5) 590 cu. yds. struct. excav.;
(6) 210 cu. yds. ditch excav.;
(7) 56,000 cu. yds. imported borrow;
(8) 17,700 sq. yds. preparing subgrade;
(9) 550 sta. finishing rdwy.;
(10) 96,500 sq. yds. placing salvaged rock;
(11) 3,800 tons mineral aggregate (plant mix surf.);
(12) 160 tons liq. asphalt SC-4 (plant-mix surf.);
(13) 90 tons liq. asphalt SC-2 (prime coat);
(14) 550 tons liq. asphalt SC-2 (road-mix surf. treatment);
(15) 100,000 sq. yds. preparing mix and shape shoulders;
(16) 36,000 sq. yds. remixing rock surfacing;
(17) 32,100 tons asphalt conc. base and leveling course;
(18) 11,300 tons asphalt conc. type A surface course;
(19) 2,800 tons asphalt conc. type B surface course;
(20) 950 tons asphalt conc. type C surface course;
(21) 38,500 sq. yds. asphaltic paint binder;
(22) 33,600 lbs. bar reinf. steel;
(23) 260 cu. yds. class A Port. cement conc. (structs.);
(24) 36 lin. ft. 8-in. CMP;
(25) 16 lin. ft. 12-in. CMP;
(26) 48 lin. ft. 60-in. CMP;
(27) 4 each spillway assemblies;
(28) 210 lin. ft. laminated guard railing;
(29) 6 each culvert markers;
(30) 15 each guide posts;
(31) 56 each marker posts.

Total bids follow:

(A) Griffith Co., L. A. $245,578.20
(B) Gogo & Rados, L. A. 266,320.50
(C) David H. Ryan, San Diego 282,055.50
(D) V. R. Dennis Constr. Co., San Diego 289,270.00
(E) Basich Bros., Torrance 306,305.10
(F) Southern Calif. Roads Co., L. A. 310,436.70
(G) United Concrete Pipe Corp., L. A. 351,152.00
(H) Union Paving Co., S. F. 354,339.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	$2800.00	$3000.00	$2000.00	$3000.00	$2000.00	$5000.00	$6000.00	$1500.00
2	1.60	1.50	1.50	2.50	1.00	2.30	1.50	.80
3	2.00	2.00	2.50	3.00	2.00	4.00	5.00	3.00
4	.35	.40	.30	.60	.50	.40	1.50	.40
5	1.50	1.00	1.25	1.00	1.25	.75	1.50	1.00
6	1.00	1.00	1.00	1.00	1.00	.75	1.00	1.00
7	.50	.45	.56	.75	.50	.65	.90	.55
8	.12	.10	.08	.15	.12	.11	.11	.10
9	3.00	5.00	5.00	7.00	20.00	7.50	7.00	5.00
10	.07	.20	.08	.20	.30	.12	.20	.13
11	2.90	2.80	3.00	3.00	3.20	3.80	3.36	2.70
12	13.00	15.00	15.00	12.00	15.00	13.00	15.00	15.00
13	10.00	10.00	10.00	10.00	10.00	9.00	15.00	12.00
14	10.00	9.00	10.00	10.00	10.00	9.00	15.00	11.00
15	.065	.06	.055	.05	.08	.045	.07	.06
16	.06	.10	.055	.10	.10	.06	.18	.06
17	3.27	3.40	3.81	3.25	3.60	4.00	3.86	3.76
18	3.27	3.60	4.25	3.65	4.10	4.60	4.00	4.10
19	3.27	3.60	4.40	3.85	4.30	4.50	4.28	5.00
20	4.20	3.70	6.00	4.50	4.50	5.00	4.38	6.00
21	.02	.02	.03	.04	.02	.025	.03	.02
22	.05	.06	.05	.07	.06	.06	.07	.06
23	20.00	20.00	22.00	20.00	22.00	25.00	25.00	20.00
24	1.50	1.00	2.00	1.50	1.30	1.20	1.00	1.50
25	1.70	1.50	3.00	3.00	1.60	1.50	1.50	2.00
26	15.00	12.00	10.00	15.00	5.00	9.00	40.00	15.00
27	20.00	15.00	20.00	15.00	20.00	12.00	15.00	20.00
28	1.00	1.30	2.00	1.50	2.00	1.50	1.00	1.50
29	2.00	2.50	3.00	3.00	3.00	2.00	2.00	3.00
30	2.00	2.50	3.00	3.00	3.00	2.00	2.00	3.00
31	2.00	3.00	3.00	3.00	3.00	2.00	2.00	3.00

Truckee Storage Project, Nevada-California.

Principal items involved are:

(1) 225,000 c.y. stripping;
(2) 87,700 c.y. all classes open-cut excavation;
(3) 1,000,000 c.y. excavation, common, from borrow pits;
(4) 110,000 c.y. excavation, rock, from borrow pits;
(5) 5,000 c.y. tunnel excavation;
(6) 5,600 c.y. backfill;
(7) 870,000 c.y. earth fill in embankment;
(8) 115,000 c.y. rock fill on downstream slope of dam embankment;
(9) 32,200 c.y. riprap;
(10) 600 c.y. screened gravel under spillway floor;
(11) 1,400 c.y. concrete in tunnel lining;
(12) 6,995 c.y. concrete in other structures;
(13) 2,000 sq. yds. special finish of concrete surfaces;
(14) 6,200 cu. ft. pressure grouting;
(15) 1,060 c.y. dry rock and grouted paving;
(16) Placing 670,000 lbs. reinforcement bars;
(17) Drilling 6,850 l.f. grout and weep holes;
(18) Constructing 4,850 l.f. sewer-pipe drains;
(19) Furnishing and installing 16,000 lbs. steel tunnel liner plates;
(20) Installing 400,000 lbs. metalwork;
(21) Installing 3,300 l.f. electrical metal conduit;
(22) Installing 600 l.f. metal sealing strips.

Work shall be commenced within 30 calendar days and completed within 800 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Reno, Nevada; Denver, Colorado; or Washington, D. C.

* 30

31 — PIPE LINES & WELLS

CONTRACT AWARDED

RIVERSIDE CO., Calif. — L. E. Dixon Co. and Case Constr. Co., 609 South Grand Ave., Los Angeles, at $1,330,765, awarded contract by the Metropolitan Water District, Los Angeles, under Spec. No. 160, for constructing the Hayfield Pumping Plant of the Colorado River Aqueduct. The work is located in Riverside County about 35 miles east of Indio, and comprises the construction of the Hayfield pumping plant building, together with intake works, outlet structures, electrical switching station and other appurtenant works. The work has been divided into two schedules and no proposal will be considered for less than the whole of the work. The buildings are to be of reinforced concrete and steel construction and the switch and bus structures of galvanized structural steel erected on concrete foundations. With the exception of cement, reinforcement steel, and certain other materials, as provided in the specifications, the contractor will be required to furnish all labor, equipment, supplies, and tools to complete the work.

32—SEWERS & SEWAGE DISPOSAL PLANTS

September 10, 1936.

BIDS WANTED

HICKAM FIELD, T. H.—Until September 29, 1:30 P. M., P.S.T., bids will be received by the Constructing Quartermaster, Fort Mason, and at 11 A. M., H.S.T., by Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, Fort Kamehameha, T. H., under Bid No. W-397-37-5, for the construction of a sanitary sewer system, together with sewage pumping plants, buildings and outfall lines at Hickam Field.

Plans and specifications obtainable from the above offices upon deposit of $10.

CLARK CO. — Las Vegas Underpass.—(State)

CLARK COUNTY, Nevada. — Jack Casson, 22105 Meekland Ave., Hayward, at $173,241.60, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for constructing a concrete and steel underpass and approaches on Clark Ave. in Las Vegas, a length of approximately 0.18 mile.

The work involves:

(1) 52 lin. ft. fence removed;
(2) 244 lin. ft. culvert pipe removed;
(3) 2 culvert headwells removed;
(4) 18,300 cu. yd. roadway excav.;
(5) 2,486 cu. yd. select borrow;
(6) 7,475 cu: yd. struc. excav.;
(7) 0.178 mi. finish roadway;
(8) 550 cu. yd. crushed gravel or stone base;
(9) 4,450 sq. yd. salvage and relay asphalt surf.;
(10) 3415 cu. yd. class "A" concrete;
(11) 409 cu. yd. class "A" concrete (seal);
(12) 200 cu. yd. class "A" concrete (curbs and gutters);
(13) 190 cu. yd. class "C" concrete;
(14) 334,000 lbs. reinf. steel;
(15) 265,000 lbs. struc. steel;
(16) 114 lin. ft. 18-in. CMP (dipped);
(17) 228 lin. ft. 24-in. CMP (dipped);
(18) 128 lin. ft. 30-in. CMP (dipped);
(19) 52 lin. ft. reconst. fence;
(20) 24,600 sq. ft. membrane waterproofing, 3 ply;
(21) 15,500 sq. ft. membrane waterproofing, 5 ply;
(22) 233 lin. ft. 4-in. wrought iron pipe;
(23) 41 lin. ft. 8-in. wrought iron pipe;
(24) 133 lin. ft. 10-in. wrought iron pipe;
(25) 1,850 lin. ft. pipe railing;
(26) 850 lbs. castings;
(27) Lump sum, detour;
(28) Lump sum, lighting equipment;
(29) Lump sum, pumping equipment;
(30) 750 cu. yd. ballast.

Total bids follow:

(A) Jack Casson, Hayward 173,241.60
(B) Pacific Constr. Co., San Francisco 174,697.70
(C) Dodge Construction, Inc., Fallon 179,867.60
(D) J. F. Knapp, Oakland . 183,030.00
(E) Isbell Constr. Co., Reno 188,550.85
(F) George K. Thompson, Los Angeles 197,634.25
(G) Olaf Nelson, Logan, Utah 201,732.40
(H) Engineer's Estimate..... 176,487.65

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	.10	.05	.10	.50	.10	.10	.20	0.05
2	1.00	1.00	2.00	.25	1.50	.50	1.00	1.00
3	20.00	9.00	10.00	10.00	25.00	15.00	10.00	20.00
4	.45	.55	.60	.60	.50	.60	1.00	.50
5	.75	.90	1.00	2.00	.75	1.25	2.00	.60
6	3.00	2.75	2.50	2.40	3.00	3.50	4.00	3.50
7	1000.00	500.00	100.00	500.00	3000.00	1000.00	1000.00	500.00
8	2.00	2.90	1.50	2.50	1.50	1.75	2.00	1.50
9	.20	.25	.40	.50	.15	.50	.30	.15
10	18.00	18.00	20.00	20.00	21.00	23.65	20.00	19.00
11	18.00	14.00	16.00	15.00	20.00	20.00	20.00	18.00
12	18.00	16.00	18.00	20.00	18.00	20.00	20.00	18.00
13	17.00	12.00	16.00	12.00	17.00	12.00	20.00	15.00
14	.045	.045	.05	.05	.055	.05	.05	.045
15	.075	.10	.075	.08	.08	.075	.075	.065
16	3.00	2.50	2.50	2.00	2.00	2.00	2.00	3.00
17	4.00	2.75	3.00	3.00	3.00	2.30	3.00	3.50
18	5.00	3.50	4.00	3.50	4.00	3.50	5.00	4.25
19	.20	.10	.20	1.00	.20	.20	.50	0.10
20	.24	.25	.24	.25	.25	.11	.20	.25
21	.33	.30	.36	.30	.35	.18	.30	.35
22	2.00	1.75	2.00	2.00	2.25	4.00	1.00	2.25
23	3.00	2.50	4.50	3.00	2.75	6.00	4.00	2.75
24	3.50	3.00	6.00	4.50	3.25	8.00	6.00	3.25
25	2.25	2.50	2.50	2.50	2.40	1.90	2.50	2.00
26	.25	.20	.30	.10	.20	.10	.20	.20
27	1600.00	1200.00	1250.00	2000.00	1000.00	2500.00	1000.00	1500.00
28	3750.00	2600.00	2250.00	2500.00	2500.00	2500.00	2500.00	3500.00
29	2250.00	1800.00	2250.00	2500.00	2500.00	2200.00	2500.00	2700.00
30	2.00	1.25	1.50	2.25	2.00	2.90	2.20	1.00

33— WATER WORKS

BIDS OPENED

LOS ANGELES, Calif.—Bids for furnishing bell and spigot cast iron water pipe, Spec. X-46, were opened by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, Sept. 1. The items were:

(1) 1280 ft. 20-in. I.D. pipe, .88-in. wall thickness, del. f.o.b. trucks, Department's Hewitt St. pipe yard, within 35 days;
(2) 9300 ft. 24-in. I.D. pipe, .88-in. wall thickness, del. f.o.b. trucks, Department's Slauson and Compton Ave. pipe yard within 35 days;
(3) 13,800 ft. 16-in. I.D. pipe, wall thickness, .68-in., del. f.o.b. trucks Department's Slauson and Compton Ave. pipe yard;
(4) 4600 ft. 20-in. I.D. pipe, .80-in. wall thickness, del. f.o.b. trucks, Department's San Pedro pipe yard, 950 W. First St., San Pedro, within 45 days;
(5) 7040 ft. 16-in. I.D. pipe, .68-in. wall thickness, del. f.o.b. trucks, trench side on Saticoy St., Woodlake Ave. and Stagg St., between Fallbrook and Cohassett Aves., within 50 days;
(6) 4480 ft. 16-in. I.D. pipe, .68-in. wall thickness, del. f.o.b. trucks, trench side on Reseda Blvd., between Roscoe Ave. and Saticoy St., within 50 days;
(7) 3350 ft. 16-in. I.D. pipe, .68-in. wall thickness, del. f.o.b. trucks trench side on Canoga Ave., between Saticoy and Gault Sts., within 50 days;
(8) 2630 ft. 16-in. I.D. pipe, .68-in. wall thickness, del. f.o.b. trucks, trench side Saticoy St., between Havenhurst and Woodley Aves., within 60 days;
(9) 9780 ft. 16-in. I.D. pipe, .68-in. wall thickness, del. f.o.b. trucks, trench side on White Oak Ave., between Roscoe Blvd. and Van Owen St., within 60 days.

The bids were:

R. D. Wood & Co. (Florence P. & F. Co.)—(2) $5.87, (5) $3.18, (9) $3.18; 16 ft. or 20 ft. lengths.

American C. I. Pipe Co.—(1) $4.85, (2) $5.75, (3) $3.04, (4) $4.42, (5) $3.15, (6) $3.15, (7) $3.15, (88 $3.15, (9) $3.15; 16 ft. lengths.

U. S. Pipe & Foundry Co. — (1) $4.85, (2) $5.80, (3) $3.00, (4) $4.45, (5) $3.20, (6) $3.12, (7) $3.12, (8) $3.12, (9) $3.12; 12 ft. or 18 ft. lengths.

BIDS OPENED

VALLEJO, Solano Co., Calif.—U. S. Pipe & Foundry Corp., Monadnock Bldg., San Francisco, at $3,652.60 on Schedule A, and the Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco, at $2,972.50 on Schedule B, and at $980.50 on Schedule C, submitted low bids and recommended for award of contracts by the Vallejo City Council for furnishing cast-iron bell and spigot water pipe, f.o.b. City Corporation Yard, Virginia and Colusa Sts.

Bids were taken as follows:

Schedule A

(1) 2,500 l.f. 10-in. Class B & S pipe;
(2) One cross, 10x10x6x6-in., 4 bells, Class B;
(3) One cross, 10x10x4x4-in., 4 bells, Class B;
(4) One tee, 10x10x4-in., 3 bells, Class B;
(5) 4 sleeves, 14-in. size, Class B;
(6) One sleeve, 10-in. size, Class B;
(7) One tee, Class B, 14x4-in. hub end with 5-in. flange drilled extra heavy, American Standard.
(8) One Class B flange, 5x24-in., drilled extra heavy, American Standard.

Schedule B

(1) 6,500 l.f. 4-in. Class B & S pipe;
(2) One 4-in. double hub sleeve, capped 2 in.;
(3) One 4-in. x 90-degree band, Class B;
(4) 2 4-in. x 90-degree bends, Class B.

Schedule C

(1) 4,400 l.f. 2-in. Class B & S pipe, in 5-ft. lengths;
(2) 130 l.f. 2-in. Class B & S pipe, in 5-ft. lengths;
(3) 2 2-in. x 45-degree bends, B & S pipe;
(4) One 2-in. 1-16 bend.
(5) 3 2-in. plugs.

Total bids follow:

(1) U. S. Pipe & Foundry Co.; Schedule A, $3,652.60; Schedule B, $3,070.70; Schedule C, no bid.

(II) Pacific States Cast Iron Pipe Co.; Schedule A, $3,672.40; Schedule B, $2,972.50; Schedule C, $980.50.

Unit bids follow:

Schedule A

	(I)	(II)
(1)	$ 1.39	$ 1.40
(2)	20.30	20.30
(3)	27.00	18.85
(4)	16.90	16.90
(5)	12.10	12.50
(6)	6.15	6.15
(7)	46.75	47.50
(8)	12.10	12.70

Schedule B

	(I)	(II)
(1)	$ 0.47	$0.455
(2)	5.00	4.80
(3)	4.10	3.90
(4)	3.30	3.15

Schedule C

	(I)	(II)
(1)	——	$0.215
(2)	——	.24
(3)	——	.95
(4)	——	.95
(5)	——	.15

T. D. Kilkenny, City Engineer.

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

LUALUALEI, T. H.—Moses Akiona, 1145 Gulick Ave., Honolulu, T. H., at $9,500 (wire fencing) and $31,000 (non-climable fencing) submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., for wire fencing at the Naval Radio Station, Lualualei, T. H. Spec. No. 7943. Complete bids follow:

Moses Akiona	$ 9,500	$31,000
James Glover	12,500	32,700
John Hansen	14,400	36,800
Max W. Moody	14,844	45,465
W. S. Ching	15,877	35,000
Olaf Lagreid	18,950	.....
City Welding Shop	21,000	44,490
Walker & Olund	21,000	44,600
Ralph E. Woolley	22,900	43,200
Pioneer Const. Co.	23,000	43,000
George Hess	33,500	59,700

CONTRACT AWARDED

ALHAMBRA, Los Angeles Co., Calif.—Peterson Bros., Inglewood, at $673 awarded contract by Treasury Department for seeding and planting grounds at the U. S. Post Office, Alhambra. 34

35— TUNNELS

BIDS OPENED

CONTRA COSTA CO., Calif.—J. A. Piasecki, 345 Haight St., San Francisco, at $7,483, submitted low bid to the Contra Costa County Board of Supervisors, Martinez, for repair of tunnel on the Alameda-Contra Costa county line.

The work involves:

(1) 32,900 FBM timber;
(2) 850 lbs. miscellaneous iron.

Complete bids follow:

J. A. Piasecki, S. F.; lump sum bid—$7,483.

C. A. Lauritzen, Antioch—(1) $222; (2) $0.08; total, $7,996.80.

Karl S. Koller, Crockett—(1) $270; (2) $0.10; total, $8,968.

A. Soda & Son, Oakland—(1) 270; (2) $0.12; total, $8,985.

Bids held under advisement. 35

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PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1861	Fireman	Owner	2000
1862	Zimmerman	Owner	3000
1863	Hansen	Thrall	2000
1864	Coghlin	Hall	1000
1865	Monahan	Bay	4000
1866	Hansen	Thrall	2000
1867	Harry	Wright	3700
1868	Mugnaini	Owner	2000
No.	Owner	Contractor	Amt.
1869	Marinos	Early	3000
1870	Title	Owner	2400
1871	Murphy	McCarthy	6000
1872	Walters	Scott	3900
1873	Cryer	Wagner	15000
1874	Miller	Coburn	1500
1875	Galvin	McCarthy	6000
1876	Halsen	Owner	4000
1877	Hirschberg	Monson	2975
1878	Herzig	Owner	4000
1879	Herzig	Owner	4000
1880	Johnson	Owner	3500
1881	Beebe	Owner	2800
1882	Fahey	Duerner	3500
1883	Warden	Tassi	1000
1884	Traxler	Owner	1500
1885	Andre	Cuthbertson	1000
1887	Allen	Bienfield	10000
1888	Baker	Coburn	2000
1889	Allyne	Ferguson	1750
1890	Lunch	Murray	3200
1891	Wood	Gough	1850
1892	Grannis	Owner	12500
1893	Schmidt	Owner	3750
1894	Schmidt	Owner	3750
1895	McCarthy	Aetna	3000
1896	McCarthy	Aetna	3000
1897	Barber	Owner	4000
1898	O'Connor	Owner	10000
1899	Sullivan	Aetna	2000
1900	Mueller	Hallgren	5000

ALTERATIONS
(1861) 659 HAYES. Alter flats.
Owner—B. Fireman, 949 Fillmore.
Architect—Not Given. $2000

DWELLING
(1862) S ARMY, 133 W DIAMOND. 1-story and basement frame dwelling.
Owner—Frank J. Zimmerman, 3765 Army.
Architect—Not Given. $3000

DWELLING
(1863) NE PALOU, 150 W INGALLS. 1-story frame dwelling.
Owner—Leslie W. Hansen, 2940 22d Ave.
Architect—Not Given.
Contractor—H. A. Thrall, 185 Lee. $2000

ALTERATIONS
(1864) 167 SEARS. Alter dwelling.
Owner—J. Coghlin, Prem.
Architect—Not Given.
Contractor—Hugh Hall, 2288 3d St. $1000

DWELLING
(1865) N RIVERA, 95 W 30TH AVE. One-story and basement frame dwelling.
Owner—Chas. Monahan, 160 Russ St.
Architect—C. O. Clausen, 746 46th Ave.
Contractor—Bay Cities Bldg. Co., 160 Russ St. $4000

DWELLING
(1866) NE PALOU, 150 NW INGALLS. One-story frame dwelling.
Owner—Leslie W. Hansen, 2940 22d Ave.
Architect—Not Given.
Contractor—H. A. Thrall, 185 Lee. $2000

DWELLING
(1867) S WEST PORTAL, 245 W VICENTE. One-story and basement frame dwelling.
Owner—M. D. and A. T. Barry, 1735 Hyde.
Architect—Not Given.
Contractor—George R. Wright, 3729 Geary. $3700

ALTERATIONS
(1868) 2567 GOUGH. Alter market.
Owner—Dandolo Mugnaini, 753 Market. $2000
Architect—Not Given.

ALTERATIONS
(1869) 151 CLEMENT. Alter flats.
Owner—D. Marinos, care Contractor.
Contractor—Fred J. Early, Jr., 369 Pine St.
Architect—Not Given. $3000

ALTERATIONS
(1870) SE SUTTER AND GOUGH STS. Alter hotel.
Owner—Title Insurance and Guaranty, Trustee, 110 Montgomery.
Architect—Not Given. $2400

DWELLING
(1871) N. JERSEY, 100 W DOLORES. 2-sty and basement frame dwelling.
Owner—C. Murphy, care Contractor.
Contractor—Robert McCarthy, 1363 14th Ave.
Architect—Not Given. $6000

DWELLING
(1872) E. PORTOLA DRIVE, 649 S HIGH. 1-story and basement frame dwelling.
Owner—Edith G. Walters, 511 7th St.
Contractor—Harry E. Scott, 4520 Cabrillo.
Architect—Not Given. $3900

ALTERATIONS
(1873) SW COR. GEARY AND MASON. Alter store.
Owner—Mary Cryer, care Crocker 1st National Bank.
Contractor—G. Wagner, 181 S. Park.
Architect—Not Given. $15,000

ALTERATIONS
(1874) 370 TURK . Alter warehouse.
Owner—Violet M. Miller, Prem.
Contractor—Ira W. Coburn, 2048 Market.
Architect—Not Given. $1500

DWELLING
(1875) N PALOMA, 350 E JUNIPERO SERRA. 1-sty and basement frame dwelling.
Owner—J. M. Galvin, 1015 Masonic.
Contractor—Robert McCarthy, 1363 14th Ave.
Architect—Not Given. $6000

DWELLING
(1876) N ULLOA, 67 E 15TH AVE. One-story and basement frame dwelling.
Owner—A. Halsen, 2427 25th Ave.
Contractor—Not Given.
Architect—D. E. Jaekle, 126 Post St. $4000

ALTERATIONS
(1877) 2155 BEACH ST. Alter flats.
Owner—A. Hirschberg, Prem.
Contractor—Monson Bros., 475 6th Street.
Architect—Not Given. $2975

DWELLING
(1878) N CRESTLAKE, 423 W Sloat. One-story frame dwelling and basement.
Owner—A. J. Herzig, 700 Sloat Blvd.
Architect—D. E. Jaekle, 126 Post St. $4000

DWELLING
(1879) N. CRESTLAKE, 456 W SLOAT. 1-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd.
Architect—D. E. Jaekle, 126 Post St. $4000

DWELLING
(1880) E 18TH AVE, 130 N Wawona. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave.
Architect—Not Given. $3500

ALTERATIONS
(1881) 136 DIVISADERO ST. Alter flats.
Owner—H. W. Beebe, 1222 17th Ave.
Architect—Not Given. $2800

DWELLING
(1882) E HAMPSHIRE, 219 S 24th. One-story and basement frame dwelling.
Owner—Michael Fahey, 301 Evergreen.
Contractor—James C. Duerner, 301 Evergreen.
Architect—Not Given. $3500

ALTERATIONS
(1883) 663 and 667 MISSION. Alter store and loft.
Owner—F. and E. Warden, care Contractor.
Contractor—J. A. Tassi, 268 Market.
Architect—Not Given. $1000

ALTERATIONS
(1884) 2837 BRODERICK ST. Alter flats.
Owner and Contractor—H. H. Traxler, 2839 Broderick Street.
Architect—Not Given. $1500

ALTERATIONS
(1885) 564 FIFTH AVE. Alter flats.
Owner—Mrs. Andre, 564 Fifth Ave.
Architect—Not Given.
Contractor—Thomas A. Cuthbertson, 430 Noriega. $1000

DWELLING
(1886) NW COR. 15th AVENUE and Pacheco. Two-story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $7,000

DWELLING
(1887) S CAMINO DEL MAR 150 E Lake St. Two-story and basement frame dwelling.
Owner—Harry B. Allen Inc., 158 Sutter Street.
Architect—Hyman and Appleton, 140 Post Street. $10,000

ALTERATIONS
(1888) 730 17th AVE. Alter dwelling.
Owner—J. A. Baker, 2048 Market St.
Architect—Not Given.
Contractor—I. W. Coburn, 2048 Market Street. $2,000

ALTERATIONS
(1889) 2609 GOUGH Street. Alter dwelling.
Owner—Misses Allyne, premises.
Architect—Not Given.
Contractor—John Ferguson, 1739 Union Street. $1750

ALTERATIONS
(1890) 122 KEARNY ST. Alter restaurant.

Owner—Foster's Lunch, 122 Kearny.
Architect—Not Given.
Contractor — Austin Murray, 1055 Mission Street. $3200

ALTERATIONS
(1891) 2122 CABRILLO ST. Alter store and flat.
Owner—J. R. Wood, premises.
Architect—Not Given.
Contractor—Alf. F. Gough, 10 Washburn St. $1850

DWELLING
(1892) N JACKSON 35 E Locust St. Two - story and basement frame dwelling.
Owner—Fred R. Grannis, 2230 Sacramento Street.
Architect—F. F. Amandes, 414 Dewey Boulevard. $12,500

DWELLING
(1893) E VIRGIL 125 S 25th. One-story and basement frame dwelling.
Owner and Builder—Schmidt Bros., 2888 Folsom Street.
Architect—Not Given. $3750

DWELLING
(1894) W NEBRASKA 105 N Cortland. One - story and basement frame dwelling.
Owner and Builder—Schmidt Bros., 2888 Folsom Street.
Architect—Not Given. $3750

DWELLING
(1895) N GRAFTON 110 W Jules. One - story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny Street.
Architect—Not Given.
Contractor—Aetna Const. Co., 1730 24th Avenue. $3,000

DWELLING
(1896) N GRAFTON 135 W Jules. One - story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny Street.
Architect—Not Given.
Contractor—Aetna Const. Co., 1730 24th Avenue. $3,000

DWELLING
(1897) W SAN JUAN 76 N Cayuga. One - story and basement frame dwelling.
Owner—H. Barber, 225 College Ave.
Architect—Not Given. $4,000

FACTORY
(1898) E VAN NESS AVE. SOUTH 186 S 12th St. Class C factory.
Owner—Dennis O'Connor, 1107 Shrader Street.
Architect—G. A. Berger, 309 Valencia Street. $10,000

SERVICE STATION
(1899) SE COR. 25th and S. Van Ness Ave. Steel service station.
Owner—C. J. Sullivan, care 268 13th Street.
Architect—Not Given.
Contractor—Aetna Const. Co., 1272 18th Avenue. $2,000

DWELLING
(1900) E CASTENADA 100 N Pacheco. One-story and basement frame dwelling.
Owner—Frank Mueller, 295 Bay St.
Architect—Not Given.
Contractor—H. Halgren, 1594 29th Avenue. $5,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
No.	Owner	Cnotractor	Amt.
No.	Owner	Contractor	Amt.
1403	Walton	Mills	1600
1404	Holm	Owner	5000
1405	Madeiros	Tollifson	4600
1406	Kelty	Owner	6000
1407	Schetter	Campomenosi	14000
1408	Arnold	Beckett	6500
1409	Patterson	Bernard	7856
1410	Huberty	Henderson	12000
1411	Zens	Owner	1500
1412	Boyd	Owner	5000
1413	Mills	Owner	4300
1414	Strickler	Beckett	3500
1415	Tierney	Lincoln	4000
1416	Oakland	Sevenson	108000
1417	Ferro	Muller	3500
1418	Garret	Kraus	2700
1419	Wong	Lynn	35000
1420	Glickbarg	Stolte	7500
1421	Lattui	Owner	1200
1422	Samuel	Owner	100,000
1423	Bickell	Peterson	1000
1424	Davis	Lynn	8000
1425	Moore	Brown	1500
1426	Stephens	Davis	4500
1427	Moore	Hopper	17500
1428	Phillips	Jones	1500
1429	Johnston	Owner	2000
1430	Centoni	Chiselli	1000
1431	Petersen	Knight	6500
1432	Murray	DeVelbiss	15000
1433	Lehmkuhl	Norgrove	8269
1434	Fisher	Johnson	2500
1435	Kahns	Nordstrom	1500
1436	East	Owner	1700
1437	Rembardt	Tranmal	4566
1438	Bardwell	Owner	15000
1439	Dolan	Dolan	4000
1440	Lee	Rose	1000
1441	Griffith	Owner	1900
1442	Muller	Peters	2650

ALTERATION
(1403) 2611 TELEGRAPH AVE., OAKLAND. Alterations.
Owner—W. Walton, Russ Building, San Francisco.
Architect—Not Given.
Contractor—Mills Constr. Co., Russ Bldg., San Francisco. $1600

DWELLING
(1404) 10601 BEVERLY, OAKLAND. 1½-story 6-room dwelling.
Owner and Contractor—A. L. Holm, 1322 Madera Ave., Berkeley.
Architect—Not Given. $5000

DWELLING
(1405) 4723 FAIRFAX AVE., OAKLAND. 1-story 5-room dwelling.
Owner—M. Madeiros, 4639 Fairfax Avenue.
Architect—Not Given.
Contractor—C. Tollifson, 1720 39th Ave. $4600

DWELLING
(1406) NS GREENOCH, OAKLAND. 1-story 5-room dwelling.
Owner and Contractor—Howard Kelty, 1379 Hample St.
Architect—Not Given. $6000

RESIDENCE
(1407) 160 SANDRINGHAM, PIEDMONT. 2-story 8-room residence and garage.
Owner—Allen Schetter, F. M. Ball Canning Co.
Architect—Clarence Mayhew, 6026 Acacia.
Contractor—E. Campomenosi. $14,000

RESIDENCE
(1408) 124 LATHAM, PIEDMONT. 1-story 5-room residence and garage.
Owner—S. Arnold, 232 Monte Vista Ave.
Architect—E. L. Snyder, 2104 Addison St.
Contractor—A. T. Beckett, 224 Scenic Ave. $6,500

DWELLING
(1409) 1550 LE ROY. 2-story 7-rm. frame dwelling and garage.
Owner—R. C. Patterson, Prem.
Contractor—W. V. Bernard, 227 San Carlos.
Architect—J. H. Anderson, 3147 Claremont. $7856

OFFICE BUILDING
(1410) 2580 BANCROFT WAY. 1-story 14-room office building.
Owner—G. T. Huberty, 2710 Durant.
Contractor—H. K. Henderson, 20 Avis Road.
Architect—Julia Morgan. $12,000

ADDITIONS
(1411) 666 THE ALAMEDA. Additions.
Owner—Otto Zeus, Prem.
Architect—P. S. Dragon, 206 Allston Way. $1500

DWELLING
(1412) 39 AGNESS ST., OAKLAND. 2-story 6-room dwelling.
Owner—Mrs. Robert D. Boyd, 488 37th St.
Architect—Not Given.
Contractor—Mrs. Robt. D. Boyd, 488 37th St. $5000

SCHOOL
(1413) MILLS COLLEGE. 1-story frame school.
Owner and Contractor—Mills College, Premises.
Architect—Not Given. $4300

DWELLING
(1414) 669 BLAIR AVE., Piedmont. 2-story 8-room residence and garage.
Owner—L. H. Strickler, 411 Pala Avenue.
Architect—F. Confer, Claremont Ave.
Contractor—A. T. Beckett, 224 Scenic Ave. $3500

DWELLING
(1415) 429 KENTUCKY. 1-story 6-room frame dwelling and garage.
Owner—H. L. Tierney, 1615 Rose St.
Contractor—H. Lincoln & Sons, 1296 San Pablo.
Architect—Not Given. $4000

ALTERATIONS
(1416) 1260 TENTH ST., Oakland. Alterations to school.
Owner—Oakland School Dept., 1025 2nd Ave.
Contractor—Carl N. Swanson, 355 Stockton Ave., San Jose.
Architect—Not Given. $108,000

ADDITION
(1417) 1100 57th AVE., Oakland. Brick addition to factory.
Owner—Ferro Enameling Co., Prem.
Contractor—F. A. Muller, 1416 Jefferson.
Architect—Not Given. $3500

DWELLING
(1418) 6137 VALLEY VIEW, OAKLAND. One-story 4-room dwelling.
Owner—Paul Garret, 1260 Montgomery.
Architect—Not Given.
Contractor—W. J. Kraus, 1310 Marin Avenue. $2700

HOTEL
(1419) 801 WEBSTER ST., OAKLAND. Reinforced concrete hotel.
Owner—Art Wong, 877 McKinley St.
Architect—Not Given.
Contractor—W. F. Lynn, 1037 Ashmont Ave. $35,000

STORE
(1420) 2927 E 14th ST., OAKLAND. One-story 1-room store.
Owner—Glickbarg Motor Company.
Architect—Not Given.
Contractor—F. C. Stolte Co, 1405 San Antonio Ave., Alameda. $7,500

GREENHOUSE
(1421) 728 HIGH ST., OAKLAND. Greenhouse.
Owner and Builder—R. E. Lattui, 2839 23rd St., San Francisco.
Architect—Not Given. $1200

ADDITION
(1422) NW COR. HAWTHORNE and Webster, OAKLAND. Three story addition.
Owner and Builder—Samuel Merritt Hospital Association.
Architect—Not Given. $100,000

ALTERATIONS
(1423) 1800 E 21st ST., OAKLAND. Alteration and 1-story frame garage.
Owner—Mr. Rickell.
Architect—Not Given.
Contractor—J B. Petersen & Son, 4021 Auga Vista St. $1200

DWELLING
(1424) 6666 SIMS DR., OAKLAND. Two-story 8-room dwelling.
Owner—Mrs. Francis Davis, 2547 E 14th Street.
Architect—Not Given.
Contractor—W. F. Lynn, 1037 Ashmont Avenue. $8,000

ALTERATIONS
(1425) 1450 BROADWAY, OAKLAND. Alterations.
Owner—Moore, Ltd., 1450 Broadway.
Architect—Not Given.
Contractor—Henry Brown, 1387 East 32nd Street. $1500

DWELLING
(1426) 1101 GLENDORA, OAKLAND. One-story 6-room dwelling.
Owner—R. B. Stephens, 1151 Glendora.
Architect—Not Given.
Contractor—H. W. Davis, 5872 Morpeth. $4,500

ALTERATIONS
(1427) 2425 SHATTUCK AVENUE, BERKELEY. Alterations.
Owner—A. H. Moore, 2516 Durant.
Architect—S. Chas. Lee, 25 Taylor St., San Francisco.
Contractor—A. J. Hopper, 1769 Pleasant Valley Ave. $17,500

ADDITION
(1428) 6024 BROADWAY, OAKLAND. Addition.
Owner—L. S. Phillips, premises.
Architect—Not Given.
Contractor—W. D. Jones. $1500

DWELLING
(1429) 1340 E 26th ST., OAKLAND. One-story 4-room dwelling.
Owner and Builder—J. and M. T. Johnston, 1336 E 26th St., Oakland.
Architect—Not Given. $2,000

ADDITION
(1430) 1420 65th AVE., OAKLAND. Addition to dwelling.
Owner—R. Centoni, 1276 64th Avenue.
Architect—Not Given.
Contractor—M. G. Ciselli, Alameda. $1,000

DWELLING
(1431) LOT 439 FOREST Land Extension, OAKLAND. Two-story 6-room dwelling.
Owner—R. M. Petersen, 575 25th St.
Architect—Not Given.
Contractor—Harry C. Knight, 1435 Harrison St. $6500

DWELLING
(1432) 74 BEECHWOOD DR., OAKLAND. Two-story 7-room dwelling.
Owner—Mr. W. Murray, 400 Perkins St., Oakland.
Architect—Not Given.
Contractor—C. Dudley DeVelbiss, 400 Perkins St., Oakland. $5000

DWELLING
(1433) 898 CONTRA COSTA AVE., BERKELEY. One-story 6-room frame dwelling and garage.
Owner—C. F. Lehmkuhl, 859 The Alameda, Berkeley.
Architect—Not Given.
Contractor—C. M. Norgrove, 2220 Roosevelt, Berkeley. $8269

DWELLING
(1434) 1928 100th AVE., OAKLAND. 1-story 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor—Elmer Johnson, 450 Oaks Blvd., San Leandro.
Architect—Not Given. $2500

ALTERATIONS
(1435) 1500 SAN PABLO, OAKLAND. Sidewalk alterations.
Owner—Kahn's, Prem.
Contractor—David Nordstrom, Bldrs. Exch. Bldg.
Architect—Not Given. $1500

PUMPING PLANT
(1436) 6212 MT. BLVD., OAKLAND. Pumping plant.
Owner and contractor—East Bay Mu. Ut. Dist., 512 16th St.
Architect—Not Given. $1700

DWELLING
(1437) 5659 CABOT DRIVE, OAKLAND. 2-story 4-room dwelling.
Owner—H. N. Remhardt, 4231 Montgomery St., San Francisco.
Contractor—Enoch Tranmal, 483 Crescent St.
Architect—Not Given. $4566

DWELLING
(1438) 93 BEECHWOOD DRIVE, OAKLAND. 2-story 10-room dwelling.
Owner and Contractor—Charles E. Bardwell, Jr., 5910 Acacia Ave.
Architect—I. A. Anderson. $15,000

DWELLING
(1439) 1800 109th AVE., OAKLAND. 1-story 5-room dwelling.
Owner—Estella G. Dolan, 1108 Mandana.
Contractor—Leo. J. Dolan Co.
Architect—Not Given. $4000

ALTERATIONS
(1440) 682 33rd ST., OAKLAND. Alterations.
Owner—Dr. C. G. Lee, 605 [illegible]h St.
Contractor—A. H. Rose, 478 25th St.
Architect—Not Given. $1000

DWELLING
(1441) 2479 ALIDA ST., OAKLAND. 1-story 4-room dwelling.
Owner and Contractor—E. O. Griffith, 1207 60th Ave.
Architect—Not Given. $1900

DWELLING
(1442) 1365 ACTON, OAKLAND. 1-story 5-room frame dwelling and garage.
Owner—H. Muller, 6339 Contra Costa Road.
Contractor—Lester Peters, [illegible] Duncan Way.
Architect—Not Given. $2650

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
122	Bank	Grampolini	1344
123	Abrahamson	Vollstead	885

PAINTING
(122) BROADWAY & GRAND AVE, OAKLAND. Painting Broadway apartment building.
Owner—Bank of America Nat. Trust & Sav. Assn., 12th and Broadway, Oakland.
Architect—Not Given.
Contractor—Giampolini & Co., 1507 Grant Ave., San Francisco.
Filed Sept. 10, '36. Dated Sept. 1, '36. 15th of mo., 75% labor and matl. Usual 35 days, 25%.
TOTAL COST, $1344.00
Bond $1344. Sureties Standard Acci. Ins. Co. Forfeit $20 per day. Limit Oct. 1, 1936. Plans and specifications filed.

ALTERATIONS & ADDITIONS
(123) 1432-1440 SAN PABLO AVE., Oakland. Alterations and additions.
Owner—J. and H. Abrahamson, San Francisco.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Vollstead & Dressen.
Filed, Sept. 14, '36. Dated Aug. 25, '36.
6th of each month.....75%
Usual 35 days.....25%
TOTAL COST, $885.00
Bond, $1045. Limit, 30 days. Plans and specifications filed.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
123	Federated	Lynch	1155
124	Taravellier	DuPuy	16966

SUPPORTS
(123) 201 FIRST ST. Supports for street and sidewalk over basement.
Owner—Federated Metals Corp., 75 Folsom St.
Engineer—Victor B. Seidel.
Architect—Not Given.
Contractor—M. J. Lynch, Barnewald and Oakdale Aves.
Filed Sept. 3, '36. Dated Sept. 11, '36.
75% last of each week.
25% usual 35 days.
TOTAL COST, $1,155
Specifications filed. Plans not filed.

DWELLING
(124) NW CHURCH and Cumberland Sts. Two-story and basement frame dwelling.
Owner—Justin Taravellier.
Architect—Fabre & Hildebrand, 110 Sutter Street.
Contractor—Fred K. DuPuy, 110 Sutter Street.
Filed, Sept. 5, '36. Dated, Sept. 3, '36.
Roof on $4,200
Brown coated 4,200
Completion 4,310
Usual 35 days..... 4,245
TOTAL COST, $16,966
Forfeit, $10 per day. Limit, 110 days. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER flats, $650; 2733 Greenwich; owner, C. Oczka, Prem.; contractor, Dan C. Richardson, 4400 19th St.

SIGN, electric, $400; Kearny and Sutter Sts.; owner, Owl Drug Co., Prem.; contractor, Electrical Products Corp., 910 Harrison St.

FLUE, $25; 2471 25th Ave.; owner, A. Avila, Prem.; contractor, J. Camp and Co., 1093 [illegible]atoma.

ALTER dwelling, $10; 2522 14th Ave.; owner, Mrs. Rebecca Nalpantian, 2422 14th Ave.

ALTER store, $475; 501 Grant Ave.; owner, Daibutsu and Co., Prem.; contractor, James F. Miyoto, 1675-A Post St.

SIGN, electric, $60; 650 Fulton St.; owner, J. J. McLeod, Prem.; contractor, A. J. Raymond Co., 1066 Howard St.

STORAGE, 1-story, $300; SE Cor. 16th Ave. and Noriega; owner, Henry Doelger Builder, Inc., 320 Judah St.

ALTER store, $475; SW Cor. Post and Gough; owner, A. T. Leonard, Prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
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6.—Garages and Service Stations
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8.—Club Buildings
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13.—Public Buildings, Fire Houses and Jails
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16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Sub Bids Wanted
STORE AND APTS. Cost, $6,400
MILLBRAE, San Mateo Co., Calif. El Camino Real, 100 ft. N La Cruz.
Two-story frame and stucco store and apartment building (one 5-room and one 2-room apartment), tar and gravel roofing with some spanish tile, gas heating system, wood sash, hardwood floors in apts, cement floors in store, etc.
Owner—John Corrattie, South San Francisco.
Architect—Not Given.
Contractor—James C. Duerner, 301 Evergreen St., San Francisco.
Sub bids are wanted on all portions of the work.

Contract Awarded
APARTMENTS Cont. Price, $13,758
BURLINGAME, San Mateo Co., Cal. Almer Road.
Two-story frame and stucco apartment building (four 4-rm. apartments), flat tar and gravel roofing, hardwood floors, pine stairs, electric refrigeration, electric ranges, hot water heaters, individual gas burning hot air heating system, four-car garage, gravel roadway, chromium fixtures, etc.
Owner—Paul Gros.
Architect—Oscar R. Thayer, 110 Sutter Street, San Francisco.
Contractor—Oscar L. Cavanaugh, 432 Occidental Ave., San Mateo.
Complete bids published Aug. 19th.

Contract Awarded
STORE & APTS. Cost, $7,500
SAN FRANCISCO. Noe and Market.
Two - story frame and stucco store and apartment building (1 store and two 3-room apts.) composition roofing, gas hot air heating system, wood sash, tile baths & kitchens, plate glass front for store, etc.
Owner—Withheld.
Architect—D. E. Jaeklе, 126 Post St.
Contractor—A. C. Lindgren, 346 Lowell Street.

2— BONDS

BONDS SOLD
MONTEREY COUNTY, Calif. — First National Bank of Pacific Grove purchased bonds in the amount of $12,500, from the Santa Rita School District. Proceeds to finance construction of a school building for the Santa Rita School District.

3— CHURCHES

Bids Wanted
PEWS Cost, $5,500
SAN FRANCISCO, Calif. Mission Street, near Third.
New oak pews for St. Patrick's Church (to seat 850).
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.
Architect — Arnold Constable, 580 Market Street.

Low Bidder
ALTER CHURCH Cost, $3,700
SAN MATEO CO., Calif. North of Burlingame.
Alterations to church (Sunday School room, toilet facilities, etc.
Owner—Millbrae Methodist Episcopal Church.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.
Low Bidder—Thomas A. Cuthbertson, 430 Noriega St., San Francisco.

Plans Being Figured—Bids Close Sept. 22, 9 A. M.
CHURCH Cost, $50,000
SAN FRANCISCO. Octavia and Pine Streets.
Three-story frame church (wood exterior).
Owner—Buddhist Mission of North America.
Architect—G. G. Shimamoto, 1534 Geary Street.

Contract Awarded
ALTERATIONS Cost, $——
MORGAN HILL, Santa Clara Co.
Alterations to church building.
Owner—Christian Science Church.
Architect—Not Given.
Contractor — Fred Monroe, Morgan Hill.

Low Bidder
CHURCH
SAN JOSE, Santa Clara Co., Calif. North Fifth St., between Jackson and Taylor.
One - story wood frame Buddhist Church.
Owner—Buddhist Church (Rev. Jokai Kow, Pastor), San Jose.
Architect — G. G. Shimamoto, 1534 Geary St., San Francisco.
Low Bidder—S. Nishiura, Mtn. View —$21,854.50.
Bids held under advisement.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded
WAREHOUSE Cont. Price, $76,500
SACRAMENTO, Sacramento Co., Cal. Third and R Streets.
One-story reinforced concrete warehouse.
Owner — Thomson-Diggs Co., Sacramento.
Structural Engineer—T. Ronneberg, Crocker Bldg., San Francisco.
Contractor—William C. Keating, 1211 24th St., Sacramento.
Roofing—State Roofing Co., 2005 Y St., Sacramento.
Sheet Metal — Frank Z. Ahl Sheet Metal Works, 2112 P. St., Sacramento.
Glass—W. P. Fuller & Co., 1015 12th St., Sacramento.
Iron Work — Palm Bridge & Iron Works, 15th and S. Sts., Sacramento.
Grading — J. R. Reeves, 12th and American River, Sacramento.
Lumber — Friend & Terry Lumber Co., Front and T. Sts., Sacramento.
Painting—Willcoxen & Wilson, Sacramento.
Lathing and Plastering—T. A. Tuchfarber, 2115 36th St., Sacramento.
Steel Rolling Doors — The Kinnear Mfg. Co., 361 Brannan St., San Francisco.

September 16, 1936

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 370 Turk Street.
Alterations to warehouse.
Owner—Violet M. Miller, premises.
Architect—Not Given.
Contractor—I. W. Coburn, 2048 Market Street.

Planned
WAREHOUSE Cost, $——
FRESNO, Fresno Co., Calif. Tulare and Clovis Avenue.
New warehouse.
Owner—Geo. H. Malter, Tulare and Clovis Ave., Fresno.
Architect—Not Given.
Further details will be announced at a later date.

Contract Awarded
ADDITION Cost, $4,500
OAKLAND, Calif. 1100 57th Ave.
Brick addition to factory.
Owner—Ferro Enameling Co., 100 57th St., Oakland.
Architect—Not Given.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland.

Segregated Bids Wanted
FACTORY Cost, $60,000
EAST BAY DISTRICT, California.
One-story reinforced concrete and steel factory.
Owner—Name withheld.
Architect—Not Given.
Contractor—W. J. Owen, 3145 Pleitner Ave., Oakland.
Bids are wanted as follows:
Brickwork, sprinkler system, sewer, plywood, hardware, terra cotta, glass, grading, concrete, reinf. steel, structural steel, lumber, steel sash, roofing, plastering, electric wiring, plumbing, heating, painting, sheet metal, steel rolling doors, spur track, mill work, etc.

BIDS WANTED
SAN FRANCISCO, Calif. — Until September 23, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for alterations to warehouse located on Tehama St., near First. Specifications No. 4727. Estimated cost $3,300. Work involves removal of rubbish, grading floor and laying 3-in. concrete slab score in 6-in. squares; patch sidewalks and corrugated iron work; construct retaining wall and make miscellaneous repairs to plumbing, etc., painting, etc. Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall, upon deposit of $5.00.

PREPARING PLANS
VERNON, Los Angeles Co., Calif.— Leland Rosener, consulting engineer, 233 Sansome St., San Francisco, has prepared plans for the construction of a factory addition at 3601 Santa Fe Ave., Vernon, for Glass Containers, Inc. It will cover an area of 100x220 feet and will be of steel frame and timber construction, corrugated iron sides and roof, concrete floor, etc. Segregated contracts will be awarded.

PLANNED

LOS ANGELES, Calif. — Vincent Bendix, president of the Bendix Company, Chicago, this week announced that his company would build an automotive and airplane products factory in Los Angeles. Details will be announced within a few days

Contract Awarded
ADDITION Cost, $5,596
SACRAMENTO, Calif. 622 20th St.
Addition to building.
Owner—William A. Rapp Company, 622 20th St., Sacramento.
Architect—Starks and Flanders, Bk. of Amer. Bldg., Sacramento.
Contractor—W. E. Truesdale, 2116 H St., Sacramento.
Complete bids follow:
W. E. Truesdale.....$5,596.00
All of Sacramento.
Peterson & Steinbrenner..... 6,250.00
Chas. F. Unger..... 5,950.00
H. W. Robertson..... 6,100.00

Plans Completed
FACTORY Cost, $12,000
SAN FRANCISCO. E Van Ness Ave. S 12th Street.
One-story Class C factory building.
Owner—Dennis O'Connor, 1107 Shrader Street.
Architect—G. A. Berger, 309 Valencia Street.

5— FLATS

Contract Awarded
ALTERATIONS Cost, $3,500
SAN FRANCISCO. 2155 Beach St.
Alterations to flats.
Owner—A. Hirschberg, premises.
Architect—Not Given.
Contractor—Monson Bros., 475 Sixth Street.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 151 Clement St.
Alterations to flats.
Owner—D. Marinos.
Architect—Not Given.
Contractor—Fred J. Early, Jr., 369 Pine Street.

7— FEDERAL BUILDINGS

BIDS WANTED

MARE ISLAND, Calif.

Until Oct. 18, 11 a.m., bids are being received by the Bureau of Yards and Docks, Navy Dept, Washington, D C, for automatic equipment to convert four 300-h.p. oil-fired boilers now installed at the Navy Yard, Mare Island, to full automatic control and operation for both natural gas and fuel oil; Spec. No. 8238.

Plans and specifications may be obtained from above office and from the Commandant, Navy Yard, Mare Island, upon deposit of $10.00.
(570)

BIDS WANTED

PEARL HARBOR, T. H.—Bids are being received by Bureau of Yards & Docks, Navy Department, Washington, D. C., for furnishing and installing kitchen equipment at the Naval Fleet Air Base, Pearl Harbor, T. H.

Work includes ranges, fry kettles, steamers ,steam kettles, coffee urns, mixing machines, tables, cabinets, proof boxes, ovens, dough divider, troughs, bread slicer, mixing machines, flour handling equipment, dough mixer, racks, slicing and peeling machines, chopper, meat bone and fish cutting machine, dishwashing machines, waffle irons, hot plates refrigerators, shelves, combination counters and steam tables, pipe railing, hoods, fans and connections to existing service lines; Spec. No. 8220.

Plans and specifications may be obtained from above office and from Commandant, 14th Naval District, Pearl Harbor, and from the Commandant, 12th Naval District, Federal Office Bldg., San Francisco, upon deposit of $10.00.

Contract Awarded
POST OFFICE Cont. Price, $56,064
ONTARIO, Oregon.
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—B. H. Sheldon, Gresham, Oregon.
Complete bids published June 1.

CONTRACT AWARDED

RENO, Nev.—B. A. Cunningham, 112 State St., Reno, at $2,200 awarded contract by the Treasury Department for decorative painting in the U. S. post office at Reno.

BID OPENING POSTPONED

PEARL HARBOR, T. H. — Until November 25, 11 A. M. (date postponed from Sept. 30) bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for constructing a steel floating dry dock, 1016 feet long and 165 feet beam at Pearl Harbor, Spec. No. 8228.

Plans and specifications may be obtained from above office upon deposit of $1000.

Bidding data will be furnished only to responsible general contractors. Prospective bidders on sub-contracts for this dock will be required to obtain their information from, and to inspect plans and specification in the custody of, those general contractors. A list of general contractors who have taken out plans and specifications will be maintained on file at the Bureau of Yards and Docks, Navy Department, Washington, D. C., and this list may be consulted by prospective bidders on sub-contracts.

BIDS OPENED

SAN PEDRO, Los Angeles Co., Cal. —American Sign Co., 907 15th St., NW Washington, D. C., at $498 submitted low bid to Procurement Division, Public Buildings Branch at Washington, D. C., for directional signs in the U. S. post office and custom house at San Pedro.

Complete bids follow:
American Sign Co., 907 15th St. NW Washington, D. C.....$ 498
Mutual Metal Mfg. Co., Chicago 548
Sarver & Zoss, Inc., L. A..... 998
Schweitzer Bros., Inc., L. A..... 1,136

CONTRACT AWARDED

SANTA MARIA, Santa Barbara Co., Calif.—Lombard & Ludwig, Inc., 1436 Church St. NW., Washington, D. C., at $113 awarded contract by the Treasury Department for plaster models of the U. S. post office for Santa Maria.

BIDS WANTED

PHOENIX, Ariz.—Until Oct. 8, 10 A. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for construction of office cupboards and sink and for roofing platform, walkway, etc., at the U. S. post office at Phoenix.

Plans and specifications may be obtained from above office and from the Custodian of the Building, Phoenix.

BIDS OPENED

ANAHEIM, Orange Co., Calif.—William Gelfan, Los Angeles, at $174, submitted only bid to Treasury Department, Washington, D. C., for plastering, etc., in the U. S. Post Office at Anaheim.

Bid held under advisement.

Bids Rejected
POST OFFICE Cost, $75,000
AUBURN, Placer County, Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

All bids rejected, lowest bid being submitted by Wickes Engineering and Construction Company, at $69,-950.

Plans will be revised and new bids asked at a later date.

Plans Being Prepared
POST OFFICE Cost, $99,000
BRAWLEY, Imperial Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Department, Washington, D. C.

CONTRACT AWARDED

HOLLYWOOD, Los Angeles Co., Calif.—Public Building Contractors, Bronz, New York, at $494, awarded contract by Treasury Department for sliding grilles at the U. S. Post Office, Hollywood.

Plans Being Prepared
AGRICULTURAL BLDG. & P. O.
YERINGTON, Nevada.
U. S. Agricultural and post office building.
Owner—U. S. Government.
Plans by Supervising Architect of Treasury Dept., Washington, D.C.

Contract Awarded
INSPECTION STA. Cont. Pr., $16,427
FERRY, Washington.
United States Inspection Station.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Contractor—M. R. Ericksen, 5008 Admiral Way, Seattle, Wash.

Contract Awarded
Cont. Price, $16,300
SASABE, Arizona.
United States Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—F. Young, Jr., 4220½ W. Adams Blvd., Los Angeles.

CONTRACT AWARDED

SANTA CLARA, Calif. — Carl N. Swenson, 355 Stockton Ave., San Jose, at $6,500 awarded contract by Treasury Department, for exterior changes, etc., at the U. S. Post Office, at Santa Clara.

NO BIDS RECEIVED

McMINNVILLE, Oregon.—No bids were received by the Treasury Department, Washington, D. C., for basement changes, etc., in the U. S. Post Office, McMinnville, Oregon.

NO BIDS RECEIVED

HOLLYWOOD, Los Angeles Co., Calif.—No bids were received by the Treasury Department, Washington, D. C., for skylight shades, etc., for the U. S. Post Office, Hollywood.

September 16, 1936.

BLDG. MATERIALS APPROVED

SAN FRANCISCO.—Treasury Department approved awards on materials and equipment as following for the construction of the new mint under construction in San Francisco. Clinton Construction Co., 923 Folsom St., San Francisco, general contractors. Glassware, Gillinder Bros.; elevator machine, motor and controller, Shepard Elevator Co.; copper water pipe, Chase Brass & Copper Co.

BLDG. MATERIALS APPROVED

SELMA, Fresno Co., Calif.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at Selma. Wickes Engineering and Construction Co., 1441 Bluff St., Des Moines, Iowa, general contractor. Panel boards and main switch, Square D Mfg. Co.; rubber-covered wire, Habirshaw Cable & Wire Corp.; receptacles and flush switches, Harvey Hubbell.

BIDS WANTED

MARE ISLAND, Cal.—Until Oct. 7, 11 A. M., bids will be received by the Public Works Officer, Mare Island Navy Yard, for providing and installing new gates, safety devices and general repairs to 2 electric freight elevators, one located in the north end of Building No. 69, and one located in the south end of Bldg. No. 334 at the U. S. Navy Yard, Mare Island; Spec. No. 8361.

Plans and specifications may be obtained from above office and from the Chief of the Bureau of Yards & Docks, Navy Department, Washington, D. C., upon deposit of $5.00.
(560)

LOW BIDDERS

PORTLAND, Oregon.—George Isaacson & Company, Worcester Bldg., Portland, Oregon, at $79,990, submitted low bid to Public Buildings Branch, Washington, D. C., for the construction of the U. S. Post Office, East Portland Station, Portland, Oregon. Second low bid was submitted by Joseph H. Anderson, Portland, at $80,950.

Bids held under advisement.

Contract Awarded

LOS ANGELES, Calif.—Sarver & Zoss, Inc., 1015 W. Fourth St., Los Angeles, at $321,000, awarded contract by Veterans' Administration, for constructing acute building No. 205, at the Veterans' Administration Facility, Los Angeles.

Work includes roads, walks, grading and drainage, excavation, reinforced concrete, hollow building tile, cut stone, cast stone, slate stair treads, marble work, terrazzo, floor and wall tile, rubber tile, compressed asphalt tile, waterproofing, metal work, steel sash, steel stairs, steel cabinets and shelving, tile roofing, metal lathing, plastering, carpentry, acoustical treatment, insulation, metal weatherstrips, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevator, outside service, connections, etc.

8— CLUB BUILDINGS

Planned

LODGE & OFFICE BLDG. Cost, $200,000
SANTA ROSA, Sonoma Co., Calif. Mendocino Avenue.
Three-story lodge and office building (fireproof construction).
Owner—Santa Rosa Lodge of Odd Fellows.
Architect—Not selected.
Further details will be announced shortly.

9— HOSPITALS

Bids Wanted—To Close Oct. 10

ADDITION Cost, $37,000
RENO, Nevada.
Third wing addition to Washoe General Hospital (three-story addition, to house maternity ward and private rooms).
Owner—County of Washoe.
Architect—F. J. DeLongchamps, Gazette Bldg., Reno, Nevada.

BIDS OPENED

SAN FRANCISCO.—Eureka Electric Radio Company, 3469 Mission St., at $997.75, submitted low bid to Purchasing Office, City Hall, for furnishing and installing loud speaker system in the San Francisco Hospital. Complete bids follow:

Eureka Electric Radio Co.	$ 997.75
Remler Company, Ltd.	1,007.15
American Electric Construction Co.	1,067.08
Standard Electric Time Co.	1,662.00
C. C. Langevin Co.	1,881.26
International Business Machine Co.	1,934.35
Electric Corporation of San Francisco	1,210.25
General Seating Co.	1,268.20
Abbett Electric Co.	2,192.00

Bids held under advisement.

Preparing Working Drawings

HOSPITAL Cost, $32,000
MERCED COUNTY, Calif. Near Gustine.
Two-story frame, tile and concrete hospital building (22 beds), corrugated iron or asbestos roofing, warm air heating system, air conditioning system, etc.
Owner—West Side Hospital.
Architect—Russell Guerne deLappe, 5905 Keith Ave., Oakland.
Bids will be asked in about 45 days.

Contract Awarded

ADDITION Cont. Price, $16,183
WEIMAR, Placer Co., Calif.
Addition to tubercular sanatorium (frame and stucco construction).
Owner—Weimar Joint Sanatorium.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Contractor—H. W. Robertson, 3004 F. St., Sacramento.
Complete bids follow:

H. W. Robertson, Sacramento	$16,183
W. E. Truesdale, Sacramento	16,826
Peterson & Steinbrenner, Sacramento	16,880
Frank Maloney, Sacramento	17,173
L. Ubels, Ripon	17,660
Chas. Unger, Sacramento	18,658
Louis Wold, Auburn	17,200
Central Calif. Constr. Co., San Francisco	19,790
Lindgren & Swinerton, Inc., San Francisco	20,700

Bids Wanted—To Close Sept. 26, 10 A. M.

ASSEMBLY HALL, ETC. $176,000
RETSIL, Washington.
Two-story assembly hall, dining room and administration building (115 50 feet, with wing 35x50 feet), and one-story kitchen (6040 ft.) at Veterans' Home.
Owner—State of Washington.
Architect—Not given.
Plans and specifications may be obtained from Olof Olsen, Director of Finance, Budget & Business, Olympia, Washington.

Bids Wanted — To Close Sept. 26, 10 A. M.

ADDITION Cost, $.....
FORT STEILACOOM, Washington.
Kitchen and dining room at State Hospital.
Owner—State of Washington.
Architect—Heath Gove & Bell and Mock & Morrison, Perkins Bldg., Tacoma, Wash.
Plans and specifications may be obtained from Olof Olsen, Director of Finance, Budget and Business, Olympia, Washington.

Contracts Awarded

ADDITION Cost, $50,000
SEWARD, Alaska.
Addition to institutional bldg. (reinforced concrete and frame construction, etc.)
Owner—Jessee Lee Orphanage.
Architect—David R. Myers, 432 Central Bldg., Seattle.
Contractor—A. S. Hansen Co., 2200 25th St. South, Seattle.
Plumbing and Heating—West Coast Heating Co., 2021 3rd St., Seattle.

Bids Opened

ADDITION Cost, $——
TALMAGE, Mendocino Co., Calif.
Two-story reinforced concrete addition to Custodial Unit at State Hospital.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Low Bidder—K. E. Parker Company, 135 South Park, San Francisco.
Complete bids follow:
(1) deduct for omitting certain portions of work;
(2) do;
(3) do.

K. E. Parker Co., S. F.		$224,700
	(2)	12,828
	(2)	9,688
	(3)	5,194
Fred J. Early, Jr., S. F.		$229,871
	(1)	11,084
	(2)	9,161
	(3)	4,417
E. T. Lesure, Berkeley		$235,393
	(1)	12,465
	(2)	8,261
	(3)	4,826

Bids held under advisement.

As previously reported, electric work awarded to Central Electric Co., 179 Minna St., San Francisco, $5,695; heating and ventilating to Pacific Heating & Ventilating Co., 354 Hobart St., Oakland, $13,750; plumbing to Scott Co., 243 Minna St., S. F., $28,537.

PREPARING PLANS

SANTA MONICA, Los Angeles Co., Calif.—Architect Clinton Nourse, 1406 Bond St., Los Angeles, is preparing working drawings for a new unit to be added to the Santa Monica Hospital, located at Arizona Ave. and 26th St., Santa Monica. Cost, $125,000. General contract bids will be taken upon completion of the plans, about September 25.

CONTRACT AWARDED

SAN FRANCISCO.—Frederick W. Snook, 596 Clay St., San Francisco, at $814 awared contract by Treasury Department for additional toilet facilities at the Marine Hospital, 14th Ave. and Lake St.

BIDS REJECTED

ATWATER, Merced Co., Calif.—City of Atwater rejected all bids for furnishing and installing equipment for the Hospital and Nurses' Cottage located on the NW corner of Grove Ave. and Third Street, Atwater. New bids will be asked shortly.

W. E. Bedesen, Merced, Engineer.

Complete bids published September 8th.

10— HOTELS

Contract Awarded

HOTEL Cost, $40,000
OAKLAND, Alameda Co., Calif. 801 Webster Street.
Reinforced concrete hotel building.
Owner—Art Wong, 877 McKinley St., Oakland.
Architect—Not Given.
Contractor—W. F. Lynn, 1037 Ashmont Ave., Oakland.
(558) 10

September 15, 1936

Plans Completed

HOTEL COURT Cost, $30,000
EUREKA, Humboldt Co., Cal. Tydd Estate (56 acres).
Hotel Court (30 units) hotel building (25 rooms) landscaping, etc.
Owner—Mrs. May Gallow, Travelers Hotel, Eureka.
Architect—Newton Ackerman, Eure-

September 16, 1936

To Be Done By Day's Work
ALTERATIONS Cost, $3,000
SAN FRANCISCO. SE Sutter and Gough Streets.
Alterations to hotel building.
Owner—Title Insurance & Guaranty Co., 110 Montgomery Street.
Architect—Not Given.

Planned
ALTERATIONS Cost, $.....
HANFORD, Kings Co., Calif. Douty and Seventh Streets.
Alterations and additions to hotel building.
Owner—H. J. Werner, 2715 Lake St., San Francisco.
Architect—Care Owner.
Proposed work is in a preliminary stage.

Planned
HOTEL Cost, $100,000
SALINAS, Monterey Co., Calif. Monterey St., bet. Sausal and Gabilan Streets.
Three-story hotel building (65 rms.), four stores (reinforced concrete construction).
Owner—George Gensen, 231 Main St., Salinas.
Architect—Not Given.
Further details will be announced shortly.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Plans Being Prepared
COTTAGE Cost, $.....
MENLO PARK, San Mateo Co., Cal.
One-story frame and stucco residence (5 rooms), shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Name withheld.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be asked in two weeks.

BIDS WANTED
WILLOWS, Glenn Co., Calif.—Until October 1, 5 p.m., bids will be received by Louise B. Eubank, City Clerk, Willows, for reroofing of the City Hall in Willows.
Plans and specifications may be obtained from above office.

BIDS WANTED
SAN FRANCISCO.—Until September 28, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for builders' hardware for the Palace of Fine Arts.
Specifications and proposal blanks may be obtained from above office.

BOND ELECTION
REDDING, Shasta Co., Calif.—City of Redding will vote on September 29, on a proposal to issue bonds in the amount of $140,000, proceeds to finance construction of a new civic auditorium in Redding. Building will be reinforced concrete and steel construction and will have a seating capacity of 3000. Project will be financed in part with PWA funds, bringing the total cost of the building to $200,000.
Preliminary plans prepared by Architects Masten & Hurd, 233 Post St., San Francisco.

CONTRACT AWARDED
SAN LUIS OBISPO, Cal.—Schrader Iron Works, Inc., 1247 Harrison St., San Francisco, at $3,240 awarded contract by San Luis Obispo County Supervisors for structural steel and steel joists, furnished, delivered and incorporated in the Court House known as Unit No. 2 of San Luis Obispo County Court House under construction at Monterey and Osos Streets.
Plans were prepared by Architects Walker & Eisen, 437 S. Hill St., Los Angeles.
Second low bid was submitted by Soule Steel Co. through Pacific Coast Coal Co., San Luis Obispo, at $3,676.

CONTRACT AWARDED
SAN JOSE, Santa Clara Co., Cal.—Joe Provenzano, 201 S. Market St., San Jose, at $5,349 awarded contract by San Jose City Council for plastering the new library.
Complete bids follow:

Joe Provenzano, San Jose	(1)	$4,442
	(2)	5,349
Ira T. Bridges, Palo Alto	(1)	4,600
	(2)	5,864
Samuel Caccamo, San Jose	(1)	4,663
	(2)	5,891
F. V. Plummer, San Jose	(1)	4,695
	(2)	6,250
Louis Hoff, San Jose	(1)	5,150
	(2)	5,850

BIDS WANTED
SAN DIEGO, Cal.—Until Oct. 8, 10 A. M., bids will be received by San Diego county supervisors and San Diego city council for completing the city-county building in San Diego. Work has been finished to the first floor level by WPA forces and will be carried on from this point by contract, the cost of completing the structure being estimated at $660,000. Richard S. Requa, W. T. Johnson, Louis Gill and Sam W. Hammill, all of San Diego, architects; J. H. Davies, Long Beach,

Plans Being Figured—Bids Close October 5, 11 A.M.
JAIL Cost, $11,000
STOCKTON, San Joaquin Co., Calif. Channel and San Joaquin Sts.
Reinforced concrete addition to Co. jail (to accommodate 70), steel doors, etc.
Owner—County of San Joaquin.
Architect—E. Ernst, 9 West Cleveland St., Stockton.
Plans and specifications may be obtained from the county clerk and from the architect upon deposit of $10.00.
Previous bids received were rejected, lowest bid being submitted by Samuel Eyre, Tracy, at $12,560.

14— RESIDENCES

Plans Being Figured—Bids Close Sept. 21, 5 P. M.
RESIDENCES Cost, $7,500 each
BURLINGAME HILLS, San Mateo Co., Calif.
Two 2-story and basement frame and stucco residences (7 rooms and 2 baths each), shingle roofs, gas heating systems, wood and steel sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Plans Being Prepared
RESIDENCE Cost, $——
SAN RAFAEL, Marin Co., Calif.
Two-story and basement frame and stucco residence (8 rooms and 3 baths) split shake roof, oil burning heating system, wood sash, hardwood floors, tile floors in baths, papered walls, etc.
Owner—Dr. James Wetmore.
Architect—Harold Stoner, 41 Sutter St., San Francisco.
Bids will be asked in about ten days.

Plans Being Prepared
RESIDENCES Cost, $——
ROSS, Marin Co., Calif.
Two one-story and basement frame and stucco residences (7 rooms, 2 baths each) Spanish-Colonial style; split shake roof, oil heating system, wood sash, tile floors in bath rooms, papered walls.
Owner and Builder—Oscar M. Hueter, Laurel Grove Ave., Ross.
Architect—Harold Stoner, 41 Sutter St., San Francisco.
Bids will be asked about Sept. 21.

Plans Complete
RESIDENCE Cost, $6,500
HEALDSBURG, Sonoma Co., Calif.
One-story frame and stucco residence (5 rooms), wood shingle roof, gas heat, wood sash.
Owner—L. B. Wood.
Architect—John Easterly, Healdsburg and Santa Rosa.

Plans Being Figured
RESIDENCE Cost, $.....
SANTA ROSA.
One-story and basement frame and stucco residence (5 rooms), shingle roof, wood siding.
Owner—Mr. Huston.
Architect—John Easterly, Healdsburg and Santa Rosa.

Plans Being Prepared
RESIDENCE Cost, $6,500
SANTA ROSA.
One-story and basement frame and stucco residence (6 rooms), shingle roof, gas hot air heating system, wood sash.
Owner—Mr. McHugh.
Architect — John Easterly, Healdsburg and Santa Rosa.

Contract Awarded
RESIDENCE Cost, $6,000
SAN MATEO CO., Calif. Encina Avenue.
One-story frame and stucco residence.
Owner—E. W. Howard.
Architect—Not Given.
Contractor—R. D. Squires, R.F.D. 355, South Menlo Park.

Contract Awarded
RESIDENCE Cost, $5,500
PITTSBURG, Contra Costa Co., Cal. Central Avenue near Redwood.
One-story and basement frame and stucco residence (6 rooms) tile roof, gas heating system, hardwood floors, etc.; Spanish style.
Owner—Eugenio and Lean Salvetti.
Architect—Not Given.
Contractor—Horace and S. E. Silno, Pittsburg.

Contract Awarded
RESIDENCE Cost, $7,000
PALO ALTO, Santa Clara Co., Calif. 2245 Webster Street.
One-story frame and stucco residence.
Owner—Katherine D. Emery, 2201 Webster St., Palo Alto.
Architect—Not Given.
Contractor — Stedman & Stedman, 1818 Bryant St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $7,000
PALO ALTO, Santa Clara Co., Calif. 2274 Byron Street.
One-story and basement frame and stucco residence.
Owner—Marcus Stedman.
Architect—Not Given.
Contractor — Stedman & Stedman, 1818 Bryant St., Palo Alto.

Plans Being Revised
RESIDENCE Cost, $.....
BERKELEY, Alameda Co., Calif. No. Cragmont.
One-story and basement frame and stucco residence (5 rooms, bath and separate lavatory), tile bath, shingle roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Fred Burness.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
New bids will be asked shortly.

Plans Completed
RESIDENCE Cost, $.....
OAKLAND, Alameda Co., Calif. Rockwell (Brauer Tract).
Two-story frame and stucco residence (7 rooms, 3 baths), tile roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Guttman.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Bids will be asked in about one week.

Plans Completed
RESIDENCE Cost, $.....
OAKLAND, Alameda Co., Calif. Rockwell (Brauer Tract).
Two-story frame and stucco residence (7 rooms, 3 baths), tile roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Guttman.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Bids will be asked in about one week.

Contract Awarded
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Calif. 74 Beechwood Drive.
Two - story frame and stucco residence (7 rooms).
Owner—Wm. W. Murray, 400 Perkins St.. Oakland.
Architect—Not Given.
Contractor—C. Dudley DeVelbiss, 400 Perkins St., Oakland.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Cal. Forest Land Extension.
Two - story frame and stucco residence (six rooms).
Owner—R. M. Petersen, 575 25th St., Oakland.
Architect—Not Given.
Contractor—Harry C. Knight, 1435 Harrison St., Oakland.

Contract Awarded
RESIDENCE Cost, $8,269
BERKELEY, Alameda Co., Calif. 898 Contra Costa Avenue.
One - story frame and stucco residence (six rooms).
Owner—C. F. Lehmkuhl, 859 The Alameda, Oakland.
Architect—Not Given.
Contractor—C. M. Norgrove, 2220 Roosevelt, Berkeley.

Low Bidder
RESIDENCE Cost, $.....
BERKELEY, Calif. Le Conte Ave.
One-story and basement frame and stucco residence (5 rooms).
Owner—Name withheld.
Architect—Williams & Wastell, 374 17th St., Oakland.
Low Bidder—Albert Haskell, 255 Ridgway Ave., Oakland.

Contract Awarded
COTTAGE & GARAGE Cost, $.....
HILLSBOROUGH, San Mateo Co., Calif.
Gardner's cottage and garage.
Owner—Walter Foster, Hillsborough.
Architect—Angus McSweeney, 604 Mission St., San Francisco.
Contractor—Richard Minor, 1444 Burlingame Ave., Burlingame.

Sub Bids Being Taken
RESIDENCE Cost, $.....
SAN FRANCISCO, Calif. NW 29th Ave. and Rivera Street.
One-story and basement frame and stucco residence (5 rooms, breakfast room and social hall), shingle roof, gas heating system, wood sash, tile bath, hardwood floors, etc.
Owner—Happy Homes Realty Co., 2194 30th Ave.
Plans by Owner.
Sub bids are wanted on all portions of the work.

Contract Awarded
RESIDENCE Cost, $8,600
PALO ALTO, Santa Clara Co., Calif. Embarcadero Oaks.
Two-story frame and stucco residence.
Owner—E. C. and Mary Fitzgerald.
Architect—Not given.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

Plans Being Prepared
RESIDENCE Cost, $12,000
SAN FRANCISCO, Calif. St. Francis Woods.
Two-story and basement frame and stucco residence (8 rooms, 2 baths), shingle tile roof, gas heating system, steel sash, tiled baths, hardwood floors, etc.
Owner—Name withheld.
Architect—Fred. Reimers, 233 Post Street.
Bids will be asked in about two weeks.

Plans Being Prepared
RESIDENCE Cost, $——
NORTH BERKELEY, Alameda Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths), shingle roof, gas heating system, wood sash, tile baths, hardwood floors, etc.
Owner—Name Withheld.
Architect—Fred. Reimers, 233 Post St., San Francisco.
Bids will be asked in about three weeks.

Contract Awarded
RESIDENCE Cost, $75,000
ATHERTON, San Mateo Co., Calif.
Two-story wood frame residence (15 rooms, 10 baths), stables, two garages, tennis courts, roadwork, etc., (shingle roofing, hot water heating system, etc.).
Owner—B. B. Meek.
Architect—J. C. McKenzie, New York City.
Supervising Architect—Angus McSweeney, 604 Mission Street, San Francisco.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Contract Awarded
RESIDENCE Cost, $4,500
MODESTO, Stanislaus Co., Calif.
One-story frame and stucco residence (5 rooms), shingl roof, gas heating system, steel sash, hardwood floors, etc.
Owner—Mr. Brundy.
Architect—Russell Guerne deLappe, 5905 Keith Ave., Oakland.
Contractor—M. O. Ward, Rt. 1, Box 541, Modesto.

Plans Being Revised
RESIDENCE Cost, $10,000
ATHERTON, San Mateo Co., Calif.
Two-story wood frame residence, Colonial style, shingle roof, forced warm air heating system, wood sash, hardwood floors, tile wainscot in baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
New bids will be asked at a later date. On previous bid opening, lowest bid was submitted by Lengfeld & Olund, San Mateo.

CONSTRUCTION STARTED

PHOENIX, Ariz.—Bailey J. Russell, general manager of the Arizona Brewing Co., Phoenix, has started work on the erection of a residence on Catalina Ave., west of Seventh St., Phoenix, for himself. It will be a wood frame and stucco structure with tile roof, cork insulation, air conditioning system, four tiled bathrooms, etc. Cost, $25,000. Gilmore & Ekman, Security Bldg., Phoenix, architects.

Sub Contracts Awarded
RESIDENCE Cost, $7,000
SAN MATEO, San Mateo Co., Calif. Lot 8, Blk. 16, Aragon Tract.
One-story and basement frame and stucco residence.
Owner—R. C. Frey.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.
Electric—Medley Electric Co., San Mateo.
Painting—George Ames, San Mateo.
Lathing & Plastering—C. B. Henderson, San Mateo.

Plans Being Completed
RESIDENCE Cost, $5,500
SAN FRANCISCO, Calif. Merced Manor.
One-story and basement frame and stucco residence (6 rooms, 2 baths), tile roof, gas heating system, wood sash, tile baths and kitchen, etc.
Owner and Builder—James McCabe, 716 Ulloa Street.
Architect—D. E. Jaekle, 126 Post Street.
Sub bids will be taken within one week.

Plans Being Completed
RESIDENCE Cost, $5,000
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One-story and basement frame and stucco residence (6 rooms), tile and composition roofing, gas heating system, wood sash, hardwood floors, etc.
Owner and Builder—O. Harjulin, 867 Eddy St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Sub-bids will be taken within one week.

Contract Awarded
RESIDENCE Cost, $18,000
FRESNO, Calif. 315 Brown St.
Two-story and basement frame and stucco residence.
Owner—Alkar Setrakian.
Architect—Not Given.
Contractor—Max Rosenberg, 4127 Anza St., Fresno.

Contract Awarded
RESIDENCE Cost, $6,500
ALAMEDA, Calif. 2996 Southwood Drive.
One-story frame and stucco residence (5 rooms).
Owner—F. L. Burger, 2996 Southwood Drive, Alameda.
Architect—Not Given.
Contractor—Chris Hansen, 4500 Santa Clara Ave., Alameda.

Plans Completed
RESIDENCE Cost, $5,000
LOS ALTOS, Santa Clara Co., Calif.
One-story and basement frame and stucco residence (6 rooms, 2 baths) brick veneer and wood exterior, all shake roof, gas heating system, wood sash, hardwood floors, etc.
Owner—C. McGill, Radio Station KGGC, 230 Eddy St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Plans have been forwarded to the owner.

Contract Awarded
RESIDENCE Cost, $6,000
SAN MATEO, Calif. Avila Road.
One-story and basement frame and stucco residence.
Owner—R. D. Mattenson.
Architect—Not Given.
Contractor—Martin Peterson, 128 Lorton St., San Mateo.

Sub-Contracts Awarded
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. 33rd Avenue and Escolita Street.
Ten one-story and basement frame and stucco residences (5 rooms ea), tile and composition roofs, wood sash, gas heating systems, hardwood floors, tile baths and kitchens, etc.
Owner and Builder—Harrison & Traxler, 9 Sutter Street.
Architect—D. E. Jaekle, 126 Post St.
Roofing — Cantley Roofing Co., 666 Mission St.
Plumbing—Amsler & Hartson, 678 6th Ave.
Electric Wiring—State Electric Co., 556-A Waller St.
Heating — Colan Sheet Metal Co., 1060 Folsom St.
Glass—W. P. Fuller & Co., 301 Mission St.
Foundations—L. Vannucci, 374 Bayshore Blvd.
Lumber—Chapman Lumber Co., 44 Spear St.
Mill Work—Acme Mill Co.
Hardware—Mariani Hardware Co., 3364 Mission St.
Lathing and Plastering—M. J. King, 2343 Bay St.
Concrete—L. Vannucci, 374 Bayshore Blvd.

Contract Awarded
RESIDENCE Cost, $7,500
PIEDMONT, Alameda Co., Calif. 124 Latham Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—S. Arnold, 232 Monte Vista Ave., Piedmont.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Contract Awarded
RESIDENCE Cost, ;$8,000
BERKELEY, Alameda Co., Calif. 1550 LeRoy St.
Two-story frame and stucco residence (7 rooms).
Owner—R. C. Patterson.
Plans by J. H. Anderson, 3147 Claremont, Berkeley.
Contractor—W. V. Bernard, 227 San Carlos St., Oakland.

Contract Awarded
ALTERATIONS Cost, $3,800
SAN FRANCISCO. Western Addition.
Alterations and additions to residence (roof garden and solarium, elevator, servants' room in, heating and electrical work, tile work, painting, etc.
Owner—Robert M. Ayer.
Architect—A. H. Larsen, 333 Kearny St., San Francisco.
Contractor—Moore & Madsen, 557 Market Street.

Plans Being Prepared
ALTERATIONS Cost, $.....
SAN MATEO, Calif.
Alterations to residence (new baths, plumbing, etc.).
Owner—Name withheld.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Sub Contracts Awarded
RESIDENCE Cost, $6,500
SAN FRANCISCO, Calif. W. Beaumont, N. Turk Street.
Two-story and basement frame and stucco residence.
Owner—J. Brennan, 225 Benton St.
Plans by C. E. Baker, 155 Montgomery Street.
Contractor—Robert McCarthy, 1363 14th Ave.
Roofing—James Reilly, 20 Isabel St.
Plumbing—D. Harjes, 1657 Market Street.
Electric Wiring—B. J. Doherty, 1725 Church St.
Iron Grille Work—Arnke Iron Wks., 780 Brannan St.
Lumber—Smith Lumber Co., Fourth and Channel Sts.
Mill Work—Eureka Planing Mill, 1715 Mission St.
Concrete—D. O'Connor & Son., 1367 25th Ave.

Bids Opened
RESIDENCES
OAKLAND, Alameda Co., Winthrop and Holmes Streets.
Two one-story frame and rustic residences (3 rooms each); tar and gravel roofing, gas heating system, wood sash, hardwood floors, etc.).
Owner—Name withheld.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.
Low Bidder—W. Vernon Bernard, 227 San Carlos, Berkeley.
Complete bids follow:
W. Vernon Bernard, Berkeley....$7,119
Lawrence Sullivan, Oakland..... 7,169
Webb & Whalin, Oakland..... 7,297
Skovmand & Lewis, Oakland..... 7,915
A. Holyoake, Hayward..... 8,586
Bids held under advisement.

Sub-Contracts Awarded
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Lot 3 Blk. 15, Fairfax Street.
Two-story and basement frame and stucco residence.
Owner—Clifford R. Clark, 146 W. 3rd Ave., San Mateo.
Architect—Not Given.
Contractor—F. Ferrea, 712 5th Ave., San Mateo.
Roofing—H. Baer, 28th Ave., San Mateo.
Plumbing—A. Tyo, 201 South Blvd., San Mateo.
Electric Wiring—E. Cocconi, 319 Eldorado St., San Mateo.
Heating—Montgomery & Son, 47 S. Railroad Ave., San Mateo.
Sheet Metal—Montgomery & Son, 47 South Railroad Ave., San Mateo.
Tile Work—Geo. Webb, 5th Ave., San Mateo.
Glass—Peninsular Glass Co., 710 B. St., San Mateo.
Window Shades—W. Reid, 8th Ave., San Mateo.
Hardwood Floors—T. Taylor, 1105 El Camino Rl., San Mateo.
Brick and Stone Work—R. Farrell, Redwood City.
Foundations—V. Cocconi, 226 South Humboldt, San Mateo.
Lumber—Wisnom Co., San Mateo.
Mill Work—Nelson and Shirkey, Burlingame.
Hardware—Wisnom Co., San Mateo.
Painting—Peterson & Killelea, San Mateo.
Lathing and Plastering—J. D. Barr, 828 Alpine, Burlingame.
Concrete—V. Cocconi, 226 S. Humboldt, San Mateo.

Preparing Working Drawings
RESIDENCE Cost, $9,000
SAN FRANCISCO. Beach Street (Marina District).
Two-story and basement frame and stucco residence (7 rooms and 2 baths), asbestos shingle roof, gas heating system, wood and steel sash, tile baths, hardwood floors, etc.
Owner—Withheld.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco.
Bids will be asked in about 10 days.

Bid Opening Postponed
STORE AND APTS. Cost, $12,500
SAN FRANCISCO. West Portal Ave.
Two - story frame and stucco store and apartment building (one 6-room apartment and two stores) asbestos shingle and composition roofing, steel and wood sash, gas heating system, etc.
Owner—J. and P. Pinto.
Architect—Harold Stoner, 41 Sutter Street.
Bids were scheduled to be opened September 11 but have been postponed until a future date.

Bid Opening Postponed
RESIDENCE Cost, $7,500
SAN FRANCISCO. Castenada Ave. (Lot 16, Block 2862).
Two - story frame and stucco residence (7 rooms, 2 baths) composition roofing, gas heating system, wood sash, tiled baths, hardwood floors, etc.
Owner—P R. Upland.
Architect—Harold Stoner, 41 Sutter Street.
Bids were scheduled to be opened September 11 but have been postponed until a future date.

Bids Opened
RESIDENCE Cost, $.....
SEBASTOPOL, Sonoma Co., Calif.
One-story and basement frame and stucco residence (5 rooms), board and batten exterior, shake roof, wood sash, hardwood floors, etc.
Owner—George Carlisle.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—Sam Swindler, 353 Florence Ave., Sebastopol.
Complete bids follow:
Sam Swindler, Sebastopol.....$4,997
C. W. Shatto, Sebastopol..... 5,473
Harvey Chinnock, Sebastopol.. 5,587
Bids held under advisement.

Contract Awarded
RESIDENCE Cost, $9,000
OAKLAND, Alameda Co., Calif. 6666 Sims Drive.
Two - story frame and stucco residence (8 rooms).
Owner—Mrs. Francis Davis, 2547 E. 14th St., Oakland.
Architect—Not Given.
Contractor—W. F. Lynn, 1037 Ashmont Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $4,000
PITTSBURG, Contra Costa Co., Cal. East 17th St. bet. Summers and Norton.
One - story frame and stucco residence (5 rooms)
Owner—William and Mable Gordon.
Architect—Not Given.
Contractor—Horace and S. E. Silno, Pittsburg.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO, Calif. 730 17th Avenue.
Alterations to residence.
Owner—J. A. Baker, 2048 Market St.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St.

Contract Awarded
RESIDENCE Cost,$5,000
PITTSBURG, Contra Costa Co., Cal. Central near Birch Street.
One - story frame and stucco residence (6 rooms).
Owner—E. L. O'Hara, (city engineer) Pittsburg.
Architect—Not Given.
Contractor—Horace and S. E. Silno, Pittsburg.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
SAN FRANCISCO, Calif. NW 15th and Pacheco.
Two-story and basement frame and stucco residence.
Owner and Builder—Henry Doelger Builder, Inc., 320 Judah Street.
Architect—Not Given.

Sub Bids Wanted
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif. E. Hampshire, S 24th St.

One-story and basement frame and stucco residence.
Owner—Michael Fahey, 301 Evergreen St.
Architect—Not Given.
Contractor—James C. Duerner, 301 Evergreen Street.
Sub bids are wanted on all portions of the work.

Contract Awarded
RESIDENCES Cost, $5,000 ea.
SACRAMENTO, Calif. 418 Colonia Way and 431 4th St.
Two one-story frame and stucco residences.
Owner—Wright & Kimbrough, 817 J St., Sacramento.
Architect—Not Given.
Contractor—Mabrey & DeCuir, 2123 36th St., Sacramento.

Construction To Start Sept. 15th
DISPLAY HOME Cost, $.....
OAKLAND, Alameda Co., Calif. Claremont Circle.
Two-story frame and stucco display home (6 rooms, 2 baths), shake sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—Earl MacDonald and Herman Schoening, associated, 3812 Broadway, Oakland.
Construction will be done under the supervision of Herman Schoening.

Construction Started
RESIDENCE Cost, $15,000
MORGAN HILL, Santa Clara Co., Calif.
One-story adobe residence (10 rooms, 4 baths), shake roof, oil burning hot air heating system, wood sash, hardwood and plank floors, tile baths, etc.
Owner—Not Given.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Name withheld; care of Architect.

Contract Awarded
RESIDENCE Cost, $9,500
BERKELEY, Alameda Co., Calif. 898 Contra Costa Avenue.
One - story frame and stucco residence (six rooms).
Owner—C. F. Lehmkuhl, 859 The Alameda, Oakland.
Architect—James Narbett, 462 31st St., Richmond.
Contractor — C. M. Norgrove, 2220 Roosevelt, Berkeley.

Contract Awarded
RESIDENCE Cost, $4,000
PITTSBURG, Contra Costa Co., Cal. East 17th St. bet. Summers and Norton.
One - story frame and stucco resirence (five rooms).
Owner—William and Mabel Gordon.
Architect—James Narbett, 462 31st St., Richmond.
Contractor—Horace and S. E. Siino, Pittsburg.

Contract Awarded
RESIDENCE Cost, $5,500
PITTSBURG, Contra Costa Co., Cal. Central Avenue near Redwood.
One - story and basement frame and stucco residence (six rooms) tile roof, gas heating system, hardwood floors, etc.; Spanish style.
Owner—Eugenio and Jean Salvetti.
Architect—James Narbett, 462 31st St., Richmond.
Contractor—Horace and S. E. Siino, Pittsburg.

Sub-Bids Being Taken.
RESIDENCE Cost, $5,000
SAN FRANCISCO. Ulloa St. near 14th Avenue.
One - story and basement frame and stucco residence (six rooms, two baths) tile and composition roofing, gas heating system, wood sash, hardwood floors, tile baths.
Owner and Builder—A. Halsen, 2427 25th Avenue.
Architect—D. E. Jaekle, 126 Post St.

Sub-Bids Being Taken.
RESIDENCES Cost, $4,000 each
SAN BRUNO, San Mateo Co., Calif.
Two one - story and basement frame and stucco residences (5 rooms each) shake roof, gas heating system, hardwood floors, tile baths, etc.
Owner and Builder—R. Delucchi, 3275 San Bruno Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St. San Francisco.

Sub-Bids Being Taken
RESIDENCE Cost, $4,500
SAN FRANCISCO. 33rd and Vicente Street.
Two one-story and basement frame and stucco residences (5 rooms each) tile and composition roofing, gas heating system, wood sash, hardwood floors, tile baths.
Owner—Henry Horn.
Architect—D. E. Jaekle, 126 Post St.
Contractor—G. W. Morris, 95 Pinehurst Way.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif. Corbett Avenue.
One-story and basement frame and stucco residence (5 rooms), tile and composition roofing, gas heating system, wood sash, hardwood floors, etc.
Owner—Name withheld.
Architect—D. E. Jaekle, 126 Post St.
Contractor—A. C. Lindgren, 346 Lowell St.

Sub Bids Being Taken
RESIDENCE Cost, $5,500
SAN FRANCISCO, Calif. Merced Manor.
One-story and basement frame and stucco residence (6 rooms, 2 baths), tile roof, gas heating system, wood sash, tile baths and kitchen, etc.
Owner and Builder—James McCabe, 716 Ulloa Street.
Architect — D. E. Jaekle, 126 Post Street.

Sub Bids Being Taken
RESIDENCE Cost, $5,000
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One-story and basement frame and stucco residence (6 rooms), tile and composition roofing, gas heating system, wood sash, hardwood floors, etc.
Owner and Builder—O. Harjulin, 867 Eddy St., San Francisco.
Architect — D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Prepared
RESIDENCE Cost, $13,000
SALINAS, Monterey Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths), tile roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Mr. Mattos.
Architect—C. J. Ryland, Carmel & Monterey.

To Be Done By Day's Work
RESIDENCE Cost, $4,500
SACRAMENTO, Calif. 4200 11th Avenue.
One-story frame and stucco residence.
Owner—Lafe Millspaugh, 400 U St., Sacramento, Calif.
Architect—Not Given.

15— SCHOOLS

CONTRACT AWARDED
LOS ANGELES, Cal.—Campbell & Kelly, 340 Byrne Bldg., awarded the contract by Los Angeles board of education at $78,920 for construction of a two-story reinforced concrete girls' gymnasium building at Manual Arts high school, 4131 S. Vermont Ave. John and Donald B. Parkinson, architects.

Plans Completed
SCHOOL Cost, $360,000
PALO ALTO, Santa Clara Co., Calif. Middlefield Rd. and Santa Arita.
Two-story reinforced concrete Junior High School to accommodate 1,000; administration office, 27 classrooms, boys' and girls' gymnasium, auditorium to seat 1000; cafeteria to accommodate 600 and library.
Owner—Palo Alto School District.
Architect—Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Plans will be forwarded to State Division of Architecture, Sacramento, and upon approval bids will be asked.

Prospective Bidders
SCHOOL Cost, $70,000
ALBANY, Alameda Co., Calif.
Third unit at Albany School (classrooms, study hall, administrative offices, cafeteria) reinforced concrete construction, composition roofing, steel joists, steam heating system, etc.
Owner—Albany High School District.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Following have procured plans:
N. H. Sjoberg & Sons, 5604 East 16th St., Oakland.
Gould & Kane, Albany.
E. T. Leiter & Sons, 811 37th St., Oakland.
E. J. Freethy, Richmond.
Geo. J. Maurer, 50 York Dr., Piedmont.
Villadsen Bros., 2059 Webster St., Oakland.
John E. Branagh, 116 Monticello Ave., Piedmont.
Monson Brothers, 475 6th St., San Francisco.
Central California Const Co., 155 Burroughs St., San Francisco.
Geo. Swanstrom, 1615 78th Ave., Oakland.
Carl N. Swenson, 355 Stockton Avenue, San Jose.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

BIDS OPENED
WOODLAND, Yolo Co., Calif.—San Joaquin Lumber Company, P.O. Box 71, Stockton, at $1,539, submitted low bid to Woodland High Sch. District for construction of new composition roof on the main building and shop building, and making repairs on roof of boys' gymnasium building at the high school, Woodland.
P. L. Dragon and C. R. Schmidts, 2068 Allston Way, Berkeley, architects.
Complete bids follow:

San Joaquin Lumber Co., Stockton	$1,539
Woodland Lumber Co., Woodland	1,826
J. G. Motroni, Woodland	1,985

Contract to be awarded to low bidder within a few days.

LOW BIDDER
LOS ANGELES, Calif. — Berger Mfg. Co., 420 S. San Pedro St., Los Angeles, submitted low bid to Los Angeles board of education, at $2,017.94, for rehabilitating, furnishing and installing steel locker equipment in the new classroom building at Nathaniel Narbonne high school, 25,423 Redondo-Wilmington Blvd., Lomita, and for furnishing, delivering and in-

talling steel locker equipment in new classroom building at Van Nuys high school, 6535 Cedros Ave., Van Nuys.

TO ASK BIDS

LAS VEGAS, Nevada.—Las Vegas board of education will call for bids within two weeks for fire escapes to be installed on the new Las Vegas high school. Estimated cost of the fire escapes is $5,000.

CONTRACT AWARDED

LOS ANGELES, Calif.—Wm. P. Neil Co., 4671 E. 49th St., awarded contract, at $98,372, by Los Angeles board of education, for new main reinforced concrete building and auditorium to be erected at the Commonwealth Avenue school, 210 S. Virgil Ave. W. L. Risley, 220 S. Westmoreland Ave., architect; Ralph E. Marvin, 6362 Marvin Ave., structural engineer, and O. W. Ott, Washington Bldg., mechanical engineer.

BIDS WANTED

LOS ANGELES, Calif.—Until October 7, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a new 2-story reinforced concrete administration building, classroom building, domestic science building, assembly hall, physical eduation building and shops to be erected at Lincoln Park District junior high school, 3311 N. Figueroa Street. Cost, $400,000. John C. Austin and Frederic M. Ashley, Architects; G. H. Schulte, Structural Engineer, and Ralph E. Phillips and C. A. Sanborn & Co., Mechanical Engineers.

LOW BIDDER

LOS ANGELES, Calif.—W. W. Petley, Room 210, 624 S. La Brea Ave., submitted low bid to Los Angeles board of education, at $319,950, for a reinforced concrete administration, auditorium, physical education and cafeteria buildings to be erected at Berendo junior high school, 1445 S. Berendo St. Edward Cray Taylor and Ellis Wing Taylor, architects, and O. W. Ott, mechanical engineer.

Plans Awaiting Approval

ALTERATIONS Cost, $35,000
MILL VALLEY, Marin Co., Calif.
Alterations and additions to Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)
Owner—Mill Valley School District.
Architect — Walter Falch, Hearst Bldg., San Francisco.
Plans have been forwarded to State Division of Architecture, Sacramento, and upon approval bids will be asked.

Contract Awarded

RECON. AUDITORIUM
Cont. Price, $69,721
Reconstruction and earthquake proofing of high school auditorium (enlarge the seating capacity to 1250, improve acoustics, dressing rooms, etc.).
Owner—Salinas Union High School District.
Architect—Chas. Butner, 51 Main St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Complete bids published Sept. 10th.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Industrial Ornamental Iron & Bronze Works, 552 Noe St., at $635.50 awarded contract by Department of Public Works for repair fire escape and constructing new iron gate at the Daniel Webster School, Missouri St., between 19th and 20th Sts. Spec. No. 4644.

Plans Awaiting Approval

SCHOOL Cost, $7,000
POLLOCK PINES, Eldorado, Calif.
One-story frame school building (1 classroom).
Owner—Cedargrove School District.
Architect—Charles Dean, California State Life Bldg., Sacramento.
Plans have been forwarded to the State Division of Architecture, and upon approval bids will be asked.

BIDS OPENED

SAN FRANCISCO, Calif.—Empire Roofing Company, 239 Trumbull St., at $998, submitted low bid to Department of Public Works for removing old roofing and constructing new tar and gravel roof at the Ungrades School, Hayes and Pierce Streets. Complete bids follow:

Empire Roofing Company	$ 998
J. W. Bender Roofing & Paving Co.	1,169
Alta Roofing Company	1,198
Malot & Peterson	1,258

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO, Calif.—J. W. Bender Roofing & Paving Company, 18th and Bryant Streets, at $469, submitted low bid to Department of Public Works for removing old roofing and constructing new tar and gravel roof at the Garfield School, Kearny and Filbert Streets. Complete bids follow:

J. W. Bender Roofing & Paving Co.	$469
Empire Roofing Co.	477
Malot & Peterson	489
Alta Roofing Company	522

Bids held under advisement.

BIDS WANTED

LOS ANGELES, Calif.—Until September 28, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the 1923 and 1926 portions of the main building and auditorium at the Lillian Street school, 5917 Lillian St. Cost, $75,300. A. S. Nibecker, Jr., architect, and Geo. J. Fosdyke and J. E. Byers, structural engineers.

LOW BIDDER

LOS ANGELES, Calif.—Wigg Construction Co., 721 Opal St., Redondo Beach, submitted low bid to Los Angeles board of education, at $96,900, for six standard 3-unit classroom bungalows, one standard double bungalow, crafts building and physical education building to be erected at El Sereno District high school, 2911 Eastern Ave.

BIDS WANTED

LOS ANGELES, Calif.—Until October 2, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, for a new rein. concrete assembly building and additions and alterations to shop building at the Thomas Jefferson high school, 1319 E. 38th St. Cost, $153,000. Morgan, Walls & Clements, Architects.

BONDS FOR SALE

MAGALIA, Butte Co., Calif.—Magalia Elementary School District will sell bonds in the amount of $5,800 September 21, 2 P. M. Proceeds to finance construction of a two-classroom school building in Magalia.
Preliminary plans prepared by Architect George Sellon, California State Life Building, Sacramento.
(194) 1st report July 30, 1936.

LOW BIDDER

LOS ANGELES, Calif.—Herbert M. Baruch Corp., 625 S. Olive St., at $585,821, submitted low bid to Los Angeles board of education, for classroom buildings "A" and "B," administration building "C", boys' physical education and shop building "D" and assembly building to be erected at the Hollenbeck junior high school, 602 S. Soto St. A. F. Rosenheim, architect; R. McC. Beanfield, structural engineer, and Ralph E. Phillips, mechanical engineer.

Seek Funds

GYMNASIUM Cost, $30,000
EAST NICOLAUS, Sutter Co., Calif.
One-story frame and stucco gymnasium.
Owner—Sutter Union High School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Application will be filed with the PWA for a loan and grant to finance structure.

New Bids Wanted

ADDITION Cost, $2,000
SACRAMENTO CO., Calif.
Addition to school (add one classroom).
Owner—Sylvan School District (Mrs. Itha Leonard, Clerk).
Architect — Chas. Dean, California State Life Bldg., Sacramento.
No bids were received Sept. 11, 8 p.m. New bids are now being taken, and a date for opening will be announced shortly.

Grant Approved

SCHOOL Cost, $7,500
TALMAGE, Mendocino Co., Calif.
New school building.
Owner—River Union Elementary School District.
Architect—Not Given.
PWA approved grant of $3,375.

Contract Awarded

RESIDENCE Cost, $6,000
PACIFIC GROVE, Monterey Co., Cal.
Fairway Homes Tract.
One-story frame and rustic residence
Owner—Not Given.
Architect—Not Given.
Contractor—Hugh Comstock, Carmel.

BOND ELECTION

ONTARIO, San Bernardino Co., Cal.—Chaffey high school trustees have called an election for Oct. 2 at which time it is proposed to vote bonds in the sum of $195,000, proceeds to be used to pay part of the construction costs of a proposed new auditorium at Chaffey high school in Ontario. It would be erected as a WPA project at an estimated total cost of $400,000. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects.

BIDS WANTED

LOS ANGELES, Cal.—Until Oct. 9, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a 2-story reinforced concrete physical education building to be erected at Thomas Starr King junior high school, 1400 Myra Ave. Cost, $70,000. Paul R. Williams, architect, W. E. Wilson, structural engineer.

Prospective Bidders

ADDITION Cost, $25,000
PETALUMA, Sonoma Co., Calif.
Addition to domestic science and music building (add four rooms), frame and stucco construction, built-up roofing, etc.
Owner—Petaluma High School Dist.
Architect—Brainard Jones, 226 Washington St., Petaluma.
Following have procured plans. Bids close Sept. 22, 5 P. M.:
Walter Singleton, 501 Fourth St., Petaluma.
Oliver M. Rousseau, 321 Kearny St., San Francisco.
Empire Construction Co., Ltd., Russ Bldg., San Francisco.

W. C. Tait, 883 Market St., San Francisco.
Bids will be opened at 7:30 p.m. on September 22nd.
Plans and specifications may be obtained from the architect upon deposit of $10.00

Funds Allotted
ADDITION Cost, $85,440
LEMOORE, Kings Co., Calif.
Frame and stucco addition to elementary school (ten classrooms).
Owner—Lemoore Elementary School District.
Architect—Ernest J. Kump, Rowell Building, Fresno.
PWA approved grant of $39,273 to assist financing.

Funds Allotted
ADDITIONS Cost, $25,350
WATSONVILLE, Santa Clara Co., Calif.
One-story frame and stucco addition to Roache School (5 classrooms), plaster interior partitions, composition shingle roofing, Oregon pine flooring, hot air heating system, gas furnace, etc.
Owner—Roache School District.
Architect—A. W. Story, Pajara Valley Bank Bldg., Watsonville.
PWA approved grant of $11,407 to assist financing. Bids will be asked shortly.

Grant Approved
SCHOOL Cost, $16,360
FAIR OAKS, Sacramento Co., Calif.
One-story frame and stucco school (four classrooms).
Owner—Orangeville School District.
Architect—Chas. F. Dean, California Life Bldg., Sacramento.
PWA approved grant of $7,380 to assist financing.

BIDS OPENED
WOODLAND, Yolo Co., Calif.—San Joaquin Lumber Co., P.O. Box 71, Stockton, at $1,016, submited low bid to Woodland High School District for construction of new composition roof on the T. E. Dingle School, at Woodland. P. L. Dragon and C. R. Schmidts, 2068 Allston Way, Berkeley, Architects.
Complete bids follow:
San Joaquin Lumber Co., Stockton $1,016
Woodland Lumber Co., Woodland 1,090
J. G. Motroni, Woodland 1,463
Contract will be awarded to low bidder within a few days.

BIDS OPENED
WOODLAND, Yolo Co., Calif.—Fred McGrew, 710 Main St., Woodland, at $1,182, submitted low bid to the Woodland High School District, for furnishing metal bicycle rack for the T. E. Dingle School, at Woodland.
Complete bids follow:
Fred McGrew, Woodland $1,182
J. G. Motroni, Woodland 1,219
Bids will be rejected.

LOW BIDDER
LOS ANGELES CO., Calif.—J. E. Burrell & Son, 750 W. Anaheim St., Long Beach (651-298), submited he low bid to the Los Angeles board of education September 14, at $102,995, for a new two-story classroom building to be erected at the Sixty-sixth Street school, 309 E. 67th St. Gene Verge, architect; Wm. D. Coffey, structural engineer.

FUNDS ALLOTTED
MONTEREY CO., Calif.—PWA approved grant of $10,000 to the Santa Rita School District to assist financing construction of a new school building for the Santa Rita School District. Estimated total cost is $22,222.

Preliminary plans prepared by Fred Swartz, Monterey and Carmel.

BIDS WANTED
LOS ANGELES, Calif.—Until October 14, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., Los Angeles, for a reinforced concrete administration building, cafeteria, shops, retaining walls and steps and ground improvements at the Verdugo Road District junior high school, 3010 Estara Ave., Eagle Rock district. Cost, $400,000. Edwin Bergstrom, architect; Laurence J. Waller, structural engineer, and E. L. Ellingwood, mechanical engineer.

Contract Awarded
GYMNASIUM Cont. Price, $29,787
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco gymnasium at high school.
Owner—Cloverdale Union High Sch. District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa, Cal.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Complete bids published June 19th.

LOW BIDDER
LOS ANGELES, Calif.—Herbert M. Baruch Corp., 625 S. Olive St., submitted low bid to Los Angeles board of education, at $146,587, for reconstruction of the main building, north building and auditorium at the Wilton Place school, 745 S. Wilton Place. Theodore R. Jacobs, architect, and Donald F. Schugart, structural engineer.

Bids Opened
GYM, SHOP, ETC. Cost, $50,000
COVELO, Mendocino Co., Calif.
One-story gymnasium building, one-story shop building and small auditorium (frame and stucco construction), built-up roof, maple and pine floors, oil hot air heating system, etc.
Owner—Round Valley High School District.
Architect—C. A. Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—A. O. Lightford, Upper Lake. $52,280.
Complete bids follow:
(1) Ded. if agricultural building is omitted.
(2) Ded. if Lamella roof is used in place of steel roof trusses.
(3) Add if insulation material is used in ceiling of gymnasium.

A. O. Lightford, Upper Lake		$51,980
	(1)	9,900
	(2)	1,800
	(3)	300
John E. Branagh, Oakland		$51,900
	(1)	10,100
	(2)	1,800
	(3)	600
B. A. Howkins, S. F.		$55,446
	(1)	9,336
	(2)	1,700
	(3)	700
Lindgren & Swinerton, Sac.		$56,941
	(1)	9,750
	(2)	200
	(3)	1,700
N. H. Sjoberg & Sons, S. F.		$57,331
	(1)	10,116
	(2)	580
	(3)	692
L. Dioguardi, Sebastopol		$57,444
	(1)	10,500
	(2)	900
	(3)	400
Oliver M. Rousseau, S. F.		$57,500
	(1)	10,550
	(2)	1,150
	(3)	—

Recommendation has been made to the Department of Indian Affairs that contract be awarded to A. O. Lightford accepting alternate 3.

BIDS WANTED
SAN FRANCISCO, Calif.—Until September 25, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing gymnasium equipment for the girls' gymnasium at the Polytechnic High School.
Specifications and proposal blanks may be obtained from above office.

Grant Approved
RECON. SCHOOL Cost, $89,336
CROCKETT, Contra Costa Co., Calif.
Reconstruction of John Swett High School.
Owner—Carquinez Elementary School District.
Architect—Not Given.
PWA approved grant of $40,201.

Grant Approved
AUDITORIUM Cost, $18,000
SAN PABLO, Contra Costa Co., Cal.
New school auditorium.
Owner—San Pablo School District.
Architect—Not Given.
PWA approved grant of $8,100.

Grant Approved
ADDITION Cost, $20,000
GREENFIELD, Monterey Co., Calif.
Additions to high school.
Owner—Greenfield Union High School District.
Architect—Not Given.
PWA approved grant of $9,000.

Grant Approved
GYM. and POOL Cost, $155,000
DALY CITY, San Mateo Co., Calif.
One-story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring), reinforced concrete swimming pool (40x75 feet).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine Street, San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Mechanical and Electrical Engineer—Robert L. St. John, 544 Market St., San Francisco.
PWA approved grant of $69,545.
Plans are awaiting approval of State Division of Architecture, Sacramento, and bids will be asked shortly.

Plans Being Figured—Bids Close Sept. 29, 11 A. M.
ADDITION Cost, $60,000
NORTH SACRAMENTO, Calif.
Addition to high school building add 15 classrooms reinforced concrete construction.
Owner — Grant Union High School District.
Architect—Harry Devine, Cronan Bldg., Sacramento.
PWA has approved grant of $28,136.
Plans and specifications may be obtained from the architect upon deposit of $25. Following have procured plans:
Azevedo Const. Co., 920 "O" St.
Campbell Const. Co., 800 "R" St.
P. F. Bender, 1012 Del Paso Blvd.
H. W. Robertson, 3004 "F" St.
Chas. F. Unger, 2426 7th Ave.
All of Sacramento.

CONTRACT AWARDED
SAN FRANCISCO.—J. W. Bender Roofing and Paving Co., 18th and Bryant Streets, at $469 awarded contract by the Dept. of Public Works for removing old roofing and constructing new tar and gravel roof at the Garfield School, Kearny and Filbert Streets.
Complete bids published Sept. 14.

CONTRACT AWARDED
SAN FRANCISCO.—Empire Roofing Co., 239 Trumbull St., at $998.00, awarded contract by Department of

Public Works for removing old roofing and constructing new tar and gravel roof at the Ungraded School, Hayes and Pierce Streets.
Complete bids published Sept. 14.

BIDS WANTED
SAN FRANCISCO.—Until Sept. 23, 1:45 P. M., informal bids will be received by Department of Public Works, Room 251, City Hall, for moving bungalow on grounds of the Aptos Junior High School, Upland Drive and Aptos Avenue.
Further information may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th Street.

BIDS WANTED
SAN FRANCISCO.—Until Sept. 23, 1:45 P. M., informal bids will be received by Department of Public Works, Room 251, City Hall, for installation of felt shingle roof over present shingles at the Hearst School building, Fillmore and Hermann Sts.
Further information may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th Street.

Plans Being Completed
RECON. SCHOOL Cost, $115,000
TAFT. Kern Co., Calif.
Reconstruction of north and south wings of high school.
Owner—Taft Union High School District.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.
Plans will be forwarded to State Division of Architecture, Sacramento, for approval in about ten days.

Plans Being Figured—Bids Close on October 2, 8 P.M.
ADDITION Cost, $2,000
SACRAMENTO CO., Calif.
Addition to school (add one classroom).
Owner—Sylvan School District (Mrs. Itha Leonard, Clerk).
Architect — Chas. Dean, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architect. No deposit required.
On previous bid opening, no bids were received.

BIDS OPENED
SAN FRANCISCO.—C. C. W. & H. H. Haun, 666 Mission Street, at $6,327, submitted low bid to Department of Public Works, Room 251, City Hall, under Spec. No. 4651, for the construction of a retaining wall and fencing for the Garfield Primary School, Kearny and Filbert Streets.
The work will involve No. 9 gauge 2-in. mesh copper bearing steel chain link fence.
Complete bids follow:

C.C.W. & H.H. Haun	$6,327
Mission Concrete Constr. Co.	6,473
Empire Construction Co	6,770
F. C. Amoroso & Sons	7,794
M. J. Lynch	7,800
Monson Brothers	8,200

Bids under advisement.

16—BANKS, STORES AND OFFICES

Plans Being Prepared
STORES Cost, $.....
SAN MATEO, Calif. Third Avenue.
One-story reinforced concrete store building (2 stores).
Owner—Martin Stelling, 155 Montgomery St., San Francisco.
Architect—Earle Bertz, 681 Market St., San Francisco.

Planned
STORES Cost, $.....
BURLINGAME, San Mateo Co., Cal. Burlingame Ave.
One-story reinforced concrete store building (6 stores).
Owner—Martin Stelling, 15 Montgomery St., San Francisco.
Architect—Not selected.

Contract Awarded
BUILDING Cost, $10,000
BAKERSFIELD, Kern Co., Calif. SE 18th and L Streets.
One-story reinforced concrete bldg. (66x40 feet).
Owner—Pioneer Allen Company.
Architect—Not Given.
Contractor—Virgil Young, 725 Grace St., Bakersfield.

Preparing Working Drawings
STORE Cost, $30,000
SANTA CRUZ, Santa Cruz Co., Cal.
New store building (reinforced concrete construction).
Owner—Morris Abrams, Santa Cruz.
Architect—C. J. Ryland, Monterey and Carmel.

Sub Contracts Awarded
STORES Cost, $25,000
SANTA CRUZ, Santa Cruz Co., Cal.
One-story reinforced concrete store building (4 stores), tar and gravel roofing, concrete floors, terra cotta front, etc.).
Owner—Pacific States Amusement & Realty Co., Santa Cruz.
Architect—Not Given.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor — Salih Bros., 25 Taylor St., San Francisco.
Terra Cotta—N. Clark & Son, 116 Natoma St., San Francisco.
Lumber—Hebbron Lumber Co., Santa Cruz.

Contract Awarded
BUILDING Cost, $12,000
LAKEPORT, Lake Co., Calif. Main and Fifth Streets.
Two-story frame and stucco newspaper building (plate glass front, steam heating system, concrete flooring covered with masonite floor covering, etc.
Owner—The Lakeport Press, Lakeport.
Architect—John I. Easterly, 320 Grant St., Healdsburg and Santa Rosa.
Contractor—H. L. George, Big Valley.

Contract Awarded
STORE Cost, $10,000
OAKLAND, Alameda Co., Calif. 2927 East 14th Street.
One-story store building.
Owner—Glickberg Motor Company.
Architect—Not Given.
Contractor—F. D. Stolte Co., 3449 Laguna Ave., Oakland.

Contract Awarded
MARKET Cost, $15,000
MODESTO, Stanislaus Co., Calif. J and 12th Streets.
One-story market building (200x140 feet).
Owner—Carl W. Shannon, Modesto.
Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.
Contractor—Cotner Tomnitz & King, Rt. 4, Box 1209, Modesto.

Additional Sub-Contracts Awarded
ALTERATIONS Cost, $.....
SAN FRANCISCO, Calif. Kearny and Sutter Streets.
Alterations and additions to ten-story building (work involves painting, plastering, decorating, carpentry, etc.).
Owner—Sherman Clay & Co. (Dwight F. McCormick, vice-president and general manager).
Architect—W. W. Wurster, 260 California St.
Consulting Interior Designers — Parrish & Co., New York City.
Contractor—Jas. L. McLaughlin, 251 Kearny St.
Mill Work—Anderson Bros. Planing Mill.
Plastering—A. Knowles.
Store Fixtures—Ostlund & Johnson.
Glass—W. P. Fuller & Co., 301 Mission St.
Plumbing and Heating—Scott Co., 243 Minna St.
Electric—Edward Lynch, 2080 Sutter St.
As previously reported.
Marble — Vermont Marble Co., 525 Market St.
Terrazzo—American Terrazzo Co., 36 Wood St.
Misc. Metal — National Orn. Iron Works, 70 Chesley St.
Steel framing awarded to Western Iron Works, 141 Beale St.

Bids Opened
BUILDING Cost, $——
STOCKTON, San Joaquin Co., Cal. SW Hunter and Lindsay Streets.
One-story and basement office bldg. (to house motor vehicle dept. and highway patrol) 50x100-ft.
Owner—Fillmore Marks, Stockton.
Lessee—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Low Bidder—J. C. Meyers, Route 1, Box 439, Stockton.
Complete bids follow:

J. C. Meyers, Stockton	$11,603
Sam Eyre, Tracy	11,850
Percy Hunt, Stockton	12,650
Ecker Bros., Stockton	12,990
J. F. Watson, Stockton	13,300

Bids held under advisement.

Preparing Preliminary Plans
LABOR TEMPLE Cost, $100,000
OAKLAND, Alameda Co., Calif. NW Eleventh and Grove Streets.
Four-story reinforced concrete labor temple (100-foot frontage).
Owner—Labor Temple Assn. of Alameda County.
Architects—Will G. Corlett, Bank of America Bldg., Oakland, and J. W. Plachek, Mercantile Building, Berkeley.

Planned
STORE Cost, $.....
VALLEJO, Solano Co., Calif. South Tennessee St., bet. Tuolumne and Ventura.
One-story frame and stucco store building (2 stores).
Owner—W. Elliott, 829 Sutter St., Vallejo.
Architect—Not Given.

PLANNED
LOS ANGELES, Calif.—Los Angeles county mechanical engineer has filed with the county supervisors plans for a proposed building for county engineering departments to be built on the west side of Spring St., near Sunset Blvd. It would be a seven-story, Class A structure, costing approximately $931,000. Application will be made to PWA for a 45 per cent grant.

Planned
ALTERATIONS Cost, $.....
BURLINGAME, San Mateo Co., Cal. Burlingame Avenue.
Alterations and additions to building.
Owner—Edward R. Martin, 1461 Burlingame Ave., Burlingame.
Architect—Not Selected.
Further details will be announced in about thirty days.

To Be Done By Day's Work
ALTERATIONS Cost, $2,500
SAN FRANCISCO, Calif. 2567 Gough Street.
Alterations to market.
Owner—Dandolo Mugnaini, 753 Market Street.
Architect—Not Given.

Planned
ADDITION Cost, $.....
RIO DEL MAR, Santa Cruz Co., Cal.
Dining room annex at Country Club (to accommodate 400).
Owner—Rio Del Mar Country Club (Walter McGowan, Gen. Mgr.), Russ Bldg., San Francisco.
Plans by Eng. Dept. of Owner.
Further details will be announced at a later date.

Contract Awarded
HEATING SYSTEM Cost, $.....
ALTURAS, Modoc Co., Calif.
Hot water heating system for bank and office building (oil burner).
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Const. Dept. of Owner.
Contractor—L. J. Kruse, 6247 College Ave., Oakland.

Contract Awarded
ALTERATIONS Cost, $.....
MILLBRAE, San Mateo Co., Calif.
Alterations and additions to store building for branch bank. (Work involves bank fixtures, wood and plaster partitions, plumbing, gas heating, electric, painting and decorating.)
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Const. Dept. of Owner.
Contractor—Fink & Schindler, 552 Brannan Street.

Contract Awarded
ALTERATIONS Cost, $15,000
SAN FRANCISCO, Calif. S.W. Geary and Mason Streets.
Alterations to store building.
Owner—Mary Cryer, % Crocker First National Bank.
Architect—Not Given.
Contractor—George Wagner, 181 South Park Street.

Owner Taking New Bids
ALTERATIONS Cost, $7,500
SAN FRANCISCO. 517 Cortland Ave.
Alterations to 2 flats and 2 stores.
Owner—Mr. E. Judice, 517 Courtland Ave.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
ALTERATIONS Cost, $8,000
SAN MATEO, Calif. Lot 3, Bl. O. B. Street.
Alterations to store building.
Owner—Louis Sauset, 1011 B. St., San Mateo.
Architect—Not Given.
Contractor—Harry Kime, 118 12th Ave., San Mateo.

PLANS BEING FIGURED
LOS ANGELES, Calif.—Architect Claude A. Faithful, 1820 Buckingham Rd., is taking bids from a selected list of contractors for the structural portion of a building to be built at 1055 N. Kingsley Dr. for the Pacific Old People's Home. The plastering, roofing, painting and mechanical work will be let separately at a later date. The building will be a two-story and basement structure, 89x128 feet, of concrete and steel construction.

Contract Awarded
BUILDING Cost, $.....
LAKEPORT, Lake Co., Calif. Main and Fifth Streets.
Two-story frame and stucco newspaper building (plate glass front, steam heating system, concrete flooring covered with masonite floor covering, etc.).
Owner—The Lakeport Press, Lakeport.
Architect—Not Given.
Contractor—H. L. George, Big Valley.

Contract Awarded
OFFICE BLDG. Cost, $15,000
BERKELEY, Alameda Co., Calif. 2580 Bancroft Way.
One-story office building (14 rooms).
Owner—G. T. Huberty, 2710 Durant St., Berkeley.
Architect—Miss Julia Morgan, Merchants Exchange Building, San Francisco.
Contractor—H. K. Henderson, 20 Avis Road, Oakland.

Low Bidders
BUILDING Cost, $40,000
OAKLAND, Alameda Co., Calif. 826 West Street.
Two-story brick and steel building (to house offices and hiring hall of Teamsters' Union).
Owner—Teamsters' Union (Chas. W. Real, Secretary).
Architect—J. B. Anthony, 1849 Arch St., Berkeley.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—Kelly & Tulloch, 335 8th St., Oakland.
Second low bid was submitted by Victor Kaufenberg, Pittsburg.
Bids held under advisement.

Contract Awarded
BUILDING Cost, $2,000,000
SAN FRANCISCO, Calif. Tenth and Market Streets.
Seven-story reinforced concrete bldg. to house Western Furniture Exchange, with 11-story tower; 52,800 sq. ft. of floor space to each floor. (Approximately 200 tons of structural steel involved.)
Owner—Capital Company, 625 Market Street.
Plans by Construction Department of Owners.
Structural Engineer—L. H. Nishkian, 525 Market St.
Mechanical Engineer—Leland & Haley, 58 Sutter St.
Contractor—Cahill Bros., 206 Sansome Street, San Francisco.
Grading—Sibley Grading & Teaming Co., 165 Landers St., San Francisco.
Sub bids are now being received on elevators and terra cotta.

17— THEATRES

Contract Awarded
ALTERATIONS Cost, $20,000
BERKELEY, Alameda Co., Calif. 2425 Shattuck Ave.
Alterations to theatre building.
Owner—A. H. Moore, 2516 Durant Ave., Berkeley.
Architect—S. Chas. Lee, 25 Taylor St., San Francisco.
Contractor—Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.

Plans Completed
THEATRE Cost, $60,000
BRENTWOOD, Contra Costa Co., Calif. First Street.
Stadium type theatre to seat 1,000; concrete construction, steel trusses; wood frame interior; air conditioning system, steam heating plant.
Owner—Petersen Theatre Circuit, 25 Taylor St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Bids will be asked in about one week.

Planned
THEATRE Cost, $——
CONCORD, Contra Costa Co., Calif.
Reinforced concrete theatre (to seat 800).
Owner—Petersen Theatre Circuit, 25 Taylor St., San Francisco.
Architect—Not Given.
Contractor and Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

PLANNED
BEVERLY HILLS, Los Angeles Co., Calif.—G. Warren Schloat, 820 W. M. Garland Bldg., Los Angeles, will build a rein. concrete theater and store building at 9030 Wilshire Blvd., Beverly Hills, for John Schmid. Architect Wilfred B. Verity, 820 W. M. Garland Bldg., is completing plans for the structure. Cost $50,000.

Contract Awarded
THEATRE Cost, $30,000
PATTERSON, Stanislaus Co., Calif.
One-story reinforced concrete theatre building (to seat 400).
Owner—Mr. Fink, Patterson.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—W. Knutson, 229 N. 3d St., Patterson.

18— WHARVES & DOCKS

Contract Awarded
OAKLAND, Calif.—Ben C. Gerwick, 112 Market St., San Francisco, at $4,659, awarded contract by City of Oakland Port Commission, for driving 207 piles, 66 to 77 feet long, for foundation for bulkhead wall, Ninth Avenue Pier Extension, Oakland.

Complete bids follow:

Ben C. Gerwick	$4,659
Healy Tibbitts Constr. Co	4,790
Duncanson Harrelson Con. Co.	5,120
A. W. Kitchen Co.	5,133
M. B. McGowan	5,500

All of San Francisco.

Bids Wanted—To Close Sept. 24, 2 P. M.
PIER Cost, $700,000
SAN FRANCISCO. Pier 19, foot of Filbert Street.
Reinforced concrete pier to replace present structure and a steel frame shed with concrete walls, redwood roof sheathing and composition roofing.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank K. White, Ferry Bldg., San Francisco.
Bids are being taken as follows:
(1) Demolish present Pier and construction of new one. Work involves jacket piles and concrete deck, etc.
(2) Furnish and place 24,000 tons of Class B rock.
Plans and specifications may be obtained from the above office upon deposit of $20.00.

19—MISC. CONSTRUCTION

CONSTRUCTION TO START SHORTLY

BURBANK, Los Angeles Co., Cal.—Warner Brothers - First National Studios, Burbank, will start work immediately on the construction of several new buildings at 4000 S. Olive St., Burbank. Included in the group is an office building to cost $61,000, electrical and technical buildings to cost $41,000, addition to a storage building to cost $8000 and a shower and dressing room building to cost $4000.

Plans Being Figured
ALTERATIONS Cost, $——
SAN FRANCISCO, Calif. Sixth Ave. and Geary Street.
Alterations to undertaking establishment.
Owner—Ashley & McMullen, Inc., 399 6th Ave.
Architect—Johnson & Wethered, Sir Francis Drake Hotel, San Francisco.
Frank J. Reilly, 6350 Fulton St., is figuring the plans and desires subbids on all portions of the work.

PREPARING PRELIMINARY PLANS

HOLLYWOOD, Los Angeles Co., Calif.—Maury Diggs, 415 Chamber of Commerce Bldg., is preparing preliminary plans for a horse racing plant to be built near the intersection of National and Sawtelle boulevards for the Hollywood Turf Club; Al Green, president; Maurice E. McLoughlin, secretary-treasurer. Improvements will include a clubhouse and a grandstand to seat 20,000 persons.

Additional Sub Contracts Awarded

ABBATOIR Cost, $20,000

SOUTH SAN FRANCISCO, San Mateo Co., Calif. Evans and Mandell Streets.

Class B abbatoir (41x61 ft.), reinforced concrete and structural steel construction.

Owner—South San Francisco Packing & Provision Co.

Engineer—James Smith, 251 Kearny St., San Francisco.

Contractor — James L. McLaughlin, 251 Kearny St., San Francisco.

Plumbing—J. V. Young, 194 Otis St.

Glass—Central Hardware & Glass Co.

As previously reported, structural steel contract awarded to Western Iron Works, 141 Beale St., San Francisco.

Sub Contracts Awarded

AUTO COURT Cost, $10,000

SAN MATEO, San Mateo Co., Calif. Bay Shore Highway.

Owner—A. B. Cobb.

Architect—Not Given.

Contractor—Peninsula Builders, 1150 Burlingame Ave., Burlingame.

Roofing—Izmirian Roofing & Sheet Metal Works, San Mateo.

Plumbing—Frank McGuire, San Mateo.

Electric Wiring—E. Cocconi, San Mateo.

Heating & Sheet Metal—Izmirian Roofing & Sheet Metal Works, San Mateo.

Lumber—San Mateo Planing Mill Co., San Mateo.

Mill Work—McElroy Cheim Lumber Co. and San Mateo Planing Mill, San Mateo.

Hardware — Burlingame Hardware Co., Burlingame.

Painting—Frank Greyer, San Bruno.

Lathing & Plastering—Walter Badie, San Carlos.

PREPARING PLANS

LOS ANGELES, Calif.—A. W. McBain, superintendent of buildings for the Railway Express Agency, 85 Second St., San Francisco, is preparing plans for all interior work for the two-story, reinforced concrete building under construction near Aliso and Alameda Sts., on the site of the new railway terminal, for the express company. The interior work will consist of partitions, plastering, elevators, fixtures, heating, plumbing, electrical work, etc. The structural part of the building is being built by the Los Angeles Union Terminal Co., with A. J. Barclay in charge.

PERMITS APPLIED FOR

SAN FRANCISCO, Calif.—Foster & Kleiser Company, 1675 Eddy Street, applied for permits to construct roof signs at the following locations:

74 Rincon Street; estimated cost, $2,800.

511 Harrison Street; estimated cost, $1,200.

425 2nd Street; estimated cost, $1,800.

274 Brannan Street; estimated cost, $5,625.

444 5th Street; estimated cost, $1,740.

375 Fremont Street; estimated cost, $2,825.

333 Bryant Street; estimated cost, $3,750.

Plans Being Prepared

ALTERATIONS Cost, $8,000

BAKERSFIELD, Kern Co., Calif. Union Avenue.

Alterations and additions to dance pavilion (new flooring, etc.).

Owner—L. E. Nance and L. R. Buchanan, Bakersfield.

Architect—Charles H. Biggar, Haberfelde Building, Bakersfield.

PLANNED

CORONA, Los Angeles Co., Calif. —Santa Fe Railway, Kerckhoff Bldg. Los Angeles, will open bids the latter part of this month for a new railway station to be built at Main St. and Ramona Ave., Corona. It will be a Spanish style structure, 76x191 feet in area; frame and stucco construction, tile and composition roofing, etc. Cost, $30,000.

To Ask Bids About Oct. 1st

TOLL PLAZA Cost, $300,000

SAN FRANCISCO, Calif. Golden Gate Bridge.

Toll Plaza (16 toll houses, administration building and services, probably concrete construction).

Owner—Golden Gate Bridge Co., 111 Sutter Street (J. B. Strauss, Chief Engineer).

Engineer—Jos. B. Strauss, Engineer, Golden Gate Bridge Co., 111 Sutter St., San Francisco.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES.—Bids for furnishing 140,000 lbs. fabricated steel and other metal work incidental to the complete framework for the River Avenue highway bridge (also known as Rosemead Blvd.) over Rubio Wash, near San Gabriel, Circ. Prop. No. 165, opened by the U. S. Engineer, 751 S. Figueroa St., Sept. 15, were:

Bethlehem Fabricators, Inc.....$6398

Bethlehem Steel Co..... 8008

Consolidated Steel Corp..... 9534

Minn.-Moline Power Impl. Co..... 9646

All bidders offered terms net.

BIDS OPENED

IMPERIAL DAM.—Following submitted bids to U. S. Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Custom House, Denver, for furnishing six aluminum metal sash windows and two aluminum rolling doors for installation in the gate control houses, Piers 2 and 4, All-American canal headworks, Imperial Dam, All-American canal system, Boulder Canyon project.

(1) Six aluminum metal sash windows; (2) two aluminum rolling doors.

Newman Bros., Inc., Cincinnati, O.—(1) $2,595.00; (2) no bid.

General Bronze Corp., Long Island City, N. Y.—(1) $2,980.00; (2) no bid.

The Kawneer Co., Niles, Mich.—(1) $3,180.00; (2) no bid.

Geo. W. Johnson Mfg. Co., Kansas City, Mo.—(1) no bid; (2) $1,680.00.

The Kinnear Mfg. Co., Columbus, O. —(1) no bid; (2) $1,680.00.

Cornell Iron Works, Inc., Long Island City, N. Y.—(1) no bid; (2) $1,680.00.

BIDS OPENED

LOS ANGELES, Calif.—Consolidated Steel Corp., at $23,638.40 (terms net), submitted low bid to the U. S. Engineer, 751 S. Figueroa St., for furnishing 332,000 lbs. fabricated steel and other metal work incidental to the steel framework in the floor system in the Central Avenue bridge, f.o.b. crossing of Central Ave., and Verdugo Wash, Glendale. Circ. Prop. No. 154. The other bids were:

Bethlehem Fabricators, Inc.—$23,870.80; terms net.

Bethlehem Steel Co — $24,269.20; terms net.

BIDS OPENED

OAKLAND, Alameda Co., Calif.—J. Catucci, 1212 18th Ave., Oakland, at $0.57 per ton submitted low bid to the Oakland City Council, City Hall, for furnishing approximately 10,000 tons of base aggregates.

Complete bids follow:

J. Catucci, $0.57 per ton.

L. M. Cluff, $1.24 per ton.

Hutchinson Co., $1.28 per ton.

BIDS OPENED

LOS ANGELES, Calif.—Bids for furnishing 270,000 lbs. fabricated steel and other metal work incidental to the steel frame work in the floor system of the Glenoaks Blvd. bridge, f.o.b. crossing of Glendale Blvd., over Verdugo Wash, Glendale, under Circ. Prop. No. 155 opened by the U. S. Engineer Office, Los Angeles, were:

Bethlehem Fabricators, $19,953. Terms net.

Consolidated Steel Corp, $19,710. Terms net.

Bethlehem Steel Co., $20,034. Terms net.

LOW BIDDER

TUCUMCARI, N. M.—Southwestern Portland Cement Co., El Paso, submitted the apparent low bid to the U. S. Engineer Office, Tucumcari, N. M., for furnishing 250,000 bbls. Portland cement to cover the first year's cement requirements on the Conchas Dam (now being advertised) on the South Canadian River, 27 miles north of Newkirk, N. M.

The items are:

(1) 245,000 bbls. Portland cement in bulk weighing 376 lbs. per bbl.;

(2) 5,000 bbls. Portland cement in sacks weighing 94 lbs. per sack.

Bids received f.o.b. cars at bidder's shipping point with an alternate bid for f.o.b. cars at Newkirk, N. M.

Serial No. W911-37-24.

BIDS OPENED

SACRAMENTO. — Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 37-41, for furnishing 335,000 ft. b.m. 1x4-in. lumber for mattress construction.

Santa Fe Lumber Co., S.F.—$7,872.50; delivery at Eugene, Cottage Grove, or Dayton, Oregon; first shipment in 25 calendar days; complete delivery within 60 calendar days; discounts 2%, 10 days, 1%, 20 days.

Union Lumber Co., S. F.—$11,725 f.o.b. Loydal, Calif.; $8,040 f.o.b. Fort Bragg; first shipment in 80 days; balance at intervals of 6 calendar days; discount, 2%, 10 days.

McCormick Supply Co., S. F.—$6,499; f.o.b. Eugene; first shipment in 25 calendar days and balance at intervals of 7 calendar days; discount, 2%, 10 days.

J. H. Chamberlin & Sons, Cottage Grove, Oregon—$6,365, delivery at Cottage Grove; first shipment in 25 calendar days and balance at intervals of 7 calendar days; discount, 2%, 10 days.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excavs.
23.—Irrigation Proj.
24.—St. Light. Systems
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26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

COMPLETE BID LISTING

KINGS CO., Calif.—F. O. Bohnett Co., Box 54, Campbell, at $7,010, as previously reported, submitted low bid to the State Division of Highways, R. M. Gillis, District Engineer, Fresno, for the construction of a timber bridge with concrete deck across East Branch of Cross Creek, about two miles west of Corcoran, Kings County.

The work involves:

(1) 1 existing bridge to be removed and disposed of;
(2) 120 c.y. structure excavation;
(3) 11,000 lbs. bar reinforcing steel;
(4) 85 c.y. class A portland cement concrete (structure);
(5) 22 MBM redwood timber, dense select all-heart structural grade;
(6) 6 MBM redwood timber, select all-heart structural grade.

Total bids follow:

(A) F. O. Bohnett, Campbell..$7,010.00
(B) R. Hodgeson & Sons, Porterville 7,022.50
(C) Midstate Constr. Co., Fresno 7,285.00
(D) W. C. Horn, Pomona..... 8,353.00
(E) Peter J. McHugh, Sacramento 8,735.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	200.00	200.00	400.00	476.00	1000.00
(2)	1.50	1.50	2.00	3.00	3.00
(3)	.075	.065	.06	.079	.08
(4)	25.00	27.50	25.00	28.00	33.00
(5)	140.00	125.00	140.00	158.00	135.00
(6)	100.00	140.00	130.00	132.00	120.00

CONTRACT AWARDED

SANTA CLARA CO., Calif.—Rocca & Co., Box 444, San Rafael, at $55,-917, awarded contract by the State Division of Highways, Sacramento, for constructing five bridges across Guadalupe River and overflow channels about 3 miles north of San Jose.

CONTRACT AWARDED

VENTURA CO., Calif.—R. R. Bishop, 5017 E. Broadway, Long Beach, at $53,177, awarded contract by the State Division of Highways, Sacramento, for constructing two bridges and approaches, one across Todd Barranca, and the other across Hopper Creek, at points 8.5 and 27.7 mi. east of the junction with Route 2.

BIDS WANTED

ELDORADO COUNTY, Cal.—Until September 25, 2 P. M., bids will be received by Eldorado County Board of Supervisors, Arthur J. Koletzke, Clerk, Court House, Placerville, for the construction of a reinforced concrete bridge across north fork of the Cosumnes River near Somerset.

Plans and specifications obtainable from the above office upon deposit of $10.00.

LOW BIDDER

LEWIS COUNTY, Wash.—Williams & Douglas, Kalispell, at $69,922 submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for constructing a treated timber bridge with concrete deck, two viaducts of reinforced concrete, together with approach grading, Randle - Yakima Highway, Columbia National Forest, Lewis Co.

The length of the project is approximately 0.0587 mile grading and 0.036 mile bridge.

BIDS WANTED

MONO COUNTY, Calif.—Until September 22, 3 p.m., as previously reported, bids will be received by the State Division of Highways, S. W. Lowden, Acting District Engineer, Bishop, for constructing a reinforced concrete and timber bridge across East Walker River, about 6.5 miles north of Bridgeport, and grading road approaches.

The work involves:

(1) 1,050 c.y. roadway excavation unclassified;
(2) 200 sta. yds. overhaul;
(3) 125 c.y. structure excavation;
(4) 40 l.f. 24-in. CMP;
(5) 54 c.y. Class A Portland cement concrete (structures);
(6) 6,000 lbs. bar reinforcing steel (structures);
(7) 14 M. FBM Redwood timber, dense select, all-heart structural grade;
(8) M. FBM Redwood timber, select all-heart structural grade;
(9) One culvert marker;
(10) 6 each, monuments;
(11) 11 stations finishing roadway.

NOTE: The state will furnish corrugated metal pipe and band couplers which will be delivered to the contractor at Minden, Nevada.

BIDS WANTED

SAN BENITO CO., Calif.—Until September 23, 2 p.m., bids will be received by the San Benito County Board of Supervisors, Elmer Dowdy, Clerk, Court House, Hollister, for the construction of a 48-ft. combination bridge with reinforced concrete abutments and with wings, over Tres Pinos Creek at Elkhorn.

Plans and specifications obtainable from the office of County Surveyor A. M. McCray.

COMPLETE BID LISTING

TULARE COUNTY, Calif.—Peter J. McHugh, 1801 "S" St., Sacramento, at $8,012.50, as previously reported, submitted low bid to the State Division of Highways, R. M. Gillis, District Engineer, Fresno, for about 0.27 mile of grading, applying road-mix surface treatment, and constructing a reinforced concrete bridge in Tulare County between Olive School and one-fourth mile east.

The work involves:

(1) 160 M. gals. water;
(2) 2,000 c.y. rdwy. excav., unclass.;
(3) 1,000 sta. yds. overhaul;
(4) 225 c.y. structure excavation;
(5) 1,400 c.y. imported borrow;
(6) 14.5 stations finishing roadway;
(7) 3,500 sq. yds. preparing, mixing and shaping roadbed;
(8) 30 tons liquid asphalt SC-2 (road mix surface treatment);
(9) 4 tons liquid asphalt SC-2 (prime coat);
(10) 14,000 lbs. bar reinf .steel (struc.)
(11) 112 c.y. Class A portland cement concrete (structures);
(12) 108 l.f. timber railing;
(13) 0.4 mile removing and resetting existing property fences;
(14) 4 each, monuments complete in place.

Total bids follow:

(A) Peter J. McHugh, Sacramento $8,012.50
(B) N. M. Ball Sons, Berkeley 8,214.50
(C) R. R. Bishop, Long Beach.

The bid of R. Hodgeson & Sons, Porterville, was irregular and was not declared.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 2.00	$ 1.90	$ 3.00
(2)	.50	.70	.80
(3)	.03	.01	.05
(4)	2.00	1.50	3.00
(5)	.50	.75	1.00
(6)	15.00	10.00	15.00
(7)	.15	.08	.16
(8)	21.00	18.00	20.00
(9)	25.00	19.00	25.00
(10)	.05	.06	.07
(11)	24.00	25.00	26.00
(12)	5.00	2.00	3.00
(13)	200.00	500.00	400.00
(14)	8.00	4.00	3.00

BIDS WANTED

CONTRA COSTA CO., Calif.—Until October 5, 11 A. M., bids will be received by the Contra Costa County Board of Supervisors, Martinez, for the construction of a bridge across San Ramon Creek at Alamo Cemetery. Estimated cost, $8,500.

The structure will have a timber deck on I beams and H columns.

The work involves:

(1) 36,600 ft. b.m. timber;
(2) 111,000 lbs. structural steel;
(3) 607 lbs. reinforcing steel;
(4) 8 yds. concrete;
(5) 15 yds. excavation.

Plans and specifications obtainable from the office of County Surveyor R. R. Arnold, Martinez.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Calif.—C. F. Robbins, 915 Merritt Bldg., Los Angeles, at $32,269.25 awarded contract by the State Division of Highways, Sacramento, for construction of a steel stringer bridge with concrete deck across Chino Drainage Canal, about 4.0 miles south of Pomona, and 0.27 mile of grading and applying road-mix surface treatment.

BIDS OPENED

HUMBOLDT CO., Calif.—Mercer-Fraser Co., 2nd and Commercial Sts., Eureka, at $2,745, submitted low bid to the State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for repairs to the existing bridge across south fork of Trinity River, about one mile west of Salyer, Humboldt County.

The work involves:

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

(1) 22 c.y. structure excav.;
(2) 14 c.y. portland cement concrete, Class A;
(3) 3,000 lbs. bar reinf. steel;
(4) 0.6 M. ft. b.m. miscel. timber, in place;
(5) 2,000 lbs. structural steel;
(6) 7 c.y. remove concrete;
(7) One lot jacking operation.

Total bids follow:

(A) Mercer-Fraser Co., Eureka $2,745
(B) E. S. Mackins, Eureka..... 2,934

Unit bids follow:

	(A)	(B)
(1)	$ 3.00	$ 3.50
(2)	48.00	50.00
(3)	.07	.08
(4)	100.00	95.00
(5)	.15	.15
(6)	28.00	30.00
(7)	1241.00	1350.00

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

SACRAMENTO, Calif.—Until September 23, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-48, for furnishing and operating one dragline excavator on bank grading and levee work at various places along the Sacramento River from near Colusa to the vicinity of Walnut Grove. Plant must have a 60-ft. boom, 1.5 c.y. capacity bucket, and 85-h.p. engine.

Specifications obtainable from the above office.

BIDS OPENED

SAN FRANCISCO, Calif.—Hydraulic Dredging Co., Ltd., Central Bank Bldg., Oakland, at $137.50 per hour, Schedule A, for the first three months; and at $123 per hour, Schedule B, for subsequent months after first three, submitted the only bid received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. ER-868-37-12, for the lease and operation of one cutter-head pipe-line dredge in San Francisco Bay, in the vicinity of Yerba Buena Shoals.

Pipe lines not in excess of 6,500 ft. long will be required. Two thousand feet of pontoon discharge, line, with satisfactory pontoons and connections, will be required at times. A minimum of 1,000 ft. of suitable shore pipe will be required.

The dredge will be required for three to six months.

TO ASK BIDS

NAPA COUNTY, Cal.—Bids will be asked within the next two months by the U. S. Engineer Office, Custom House, San Francisco, for dredging the Napa River from the Third St. Bridge in Napa to Mare Island.

Lieut. Col. J. A. Dorst, District Engineer.

CONTRACT AWARDED

PETALUMA, Sonoma Co., Calif.—F. C. Ward, Petaluma, at $800, submitted the only bid received and awarded contract by the Petaluma City Council for constructing bulkheads on the north side of Petaluma River at the ends of Redwood and Levee Streets, Petaluma.

BIDS OPENED

NEWPORT BEACH, Orange Co., Calif.—L. F. Dow, 111 W. 7th St., Los Angeles, at $177,775.62, submitted low bid to the Newport Beach City Council for construction of a seawall to encircle Balboa Island, a PWA project.

Complete total bids follow:

L. F. Dow Co., L. Angeles $177,775.62
Griffith Co., Los Angeles.... 196,025.93
Case Const. Co., Alhambra.. 235,489.15
R. L. Patterson, city engineer.

23— CANALS

COMPLETE BID LISTING

WAPATO, Wash.—Barnard - Curtiss Co., 504 Globe Bldg., Minneapolis, at $64,900 submitted low bid to N. W. Irsfeld, Project Manager, Wapato Project, for excavation and enlargement of the main drain, involving 1,035,000 c.y. of excavation of earthwork, dismantling and removing 12 timber bridges and 11 metal flumes and demolishing and removing concrete siphon.

Complete bids follow:

Barnard-Curtiss Co, Minneapolis ..... $ 64,900
Klug & Brumbach, Easton..... 67,925
Haas-Doughty & Jones, S. F... 73,435
Morrison-Knudsen Co., Boise.. 78,017
Elliott & Co., Seattle..... 79,762
Achord, Gibson and Shearer, Portland 101,275
Macri & Co., Seattle..... 114,625
Winston Bros., Minneapolis.... 114,725
V. R. Dennis Const. Co., San Diego 115,112
P. L. Crooks & Co., Portland.. 115,785
Guthrie-McDougall Co., Portland 126,450
W. E. Callahan Const. Co., Dallas, Texas 146,050
J. A. Terteling & Sons, Boise, 153,265
L. Romano Eng. Corp. Seattle 166,975

CONTRACT AWARDED

STANISLAUS COUNTY, Calif. — Award of a contract to the California Gunite Construction Co., 1006 North Sycamore Ave., Los Angeles, at $121,402.14, for lining and improving existing canal structures in the Turlock Irrigation District, has been approved by A. D. Wilder, State Director of PWA. A grant of 30% of the cost has been allotted by the PWA.

R. V. Meikle, Chief Engineer, Turlock.

COMPLETE BID LISTING

ALL-AMERICAN CANAL.—George Pollock Co., Forum Bldg., Sacramento, at $121,925, as previously reported, submitted low bid to the Bureau of Reclamation, Federal Bldg., Yuma, R. B. Williams, Construction Engineer, under Spec. No. 695, for the construction of earth lining on the All-American Canal, Station 606 plus 75 to Station 783 plus 75, All-American Canal System, Boulder Canyon Project.

The work is located from about 7 miles northeast to about four miles north of Yuma, and the principal items of work involved are:

(1) 215,000 c.y. compacted earth lining;
(2) 45,000 c.y. uncompacted do.

Complete bids follow:

G. Pollack Co., Sacramento—(1) $0.52; (2) $0.225; total, $121,925.

George J. Bock, Los Angeles—(1) $0.60; (2) $0.25; total, $140,250.

Peterson Constr. Co., Minneapolis—(1) $0.65; (2) $0.30; total, $153,250.

V. R. Dennis Constr. Co., San Diego—(1) $0.72; (2) $0.25; total, $166,050.

David H. Ryan, San Diego—(1) $0.83; (2) $0.24; total, $189,250.

24— STREET LIGHTING SYSTEMS

BIDS OPENED

FRESNO, Fresno Co., Calif.—Following bids received by the Fresno City Commission, H. S. Foster, City Clerk, for the construction of lighting systems for the Roeding Park Tennis Courts:

(a) 2 cts.; (b) 4 cts.; (c) 8 cts.

Robinson Electric, 136 N. Van Ness Ave., Fresno—(a) $2,620; (b) $3,999; (c) $6,950.

Inland Light Co.—(a) $2900; (b) $4,303; (c) $7,425.

Fresno Electric Co.—(a) $2,956; (b) $4,739; (c) $8,319.

Snider Electric Co.—(a) $3,042; (b) $4,653; (c) $7,625.

Electric Constr. Co.—(a) $3,066; (b) $4,734; (c) $7,637.

BIDS OPENED

SAN FRANCISCO.—MacDonald & Kahn Co., Inc., 200 Financial Center Bldg., San Francisco, at $14,392, submitted low bid to the Public Utilities Commission, City Hall, under Municipal Railway Contract No. 173, for moving and resetting concrete, trolley poles, lengthening spans, adjusting trolley wires, adapting manholes and painting poles on Van Ness Ave. from Market St. to North Point Street.

The work involves:

(1) 244 poles set in earth;
(2) 4 poles set in basements.

Complete bids follow:

MacDonald & Kahn Co., Inc., S. F.—(1) $58; (2) $60; total, $14,392.

H. S. Tittle Co., S. F.—(1) $61.50; (2) $61.50; total, $15,252.

September 16, 1936.

BIDS WANTED

SAN FRANCISCO.—Until September 24, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Electric Power Bureau Contract No. 13, for constructing a street lighting system in Beale Street, between Market and the Embarcadero, and installing conduit in Spear Street, between Howard and the Embarcadero, and in Steuart St., between Mission and the Embarcadero.

The work involves:

(1) 29 electroliers, complete with auto-transformers;
(2) 13,700 ft. 1½-in. conduit;
(3) 9,500 ft. primary cable;
(4) 2 pull boxes.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason Street, upon deposit of $10.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO, Calif.—Crowley Launch & Tug Boat Co., at $7.50 per hour, submitted the only bid received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for the lease of one Diesel powered motor launch, with operator, for use in transporting approximately 65 men and stores, etc., to the trip, operating from Pier 3½ to Yerba Buena Shoals and Yerba Buena Island.

The lease will be executed for a period of 6 months with an extension privilege for a like period of time.

BIDS OPENED

GRAND COULEE DAM, Wash.—Following bids received by the U. S. Bureau of Reclamation, Denver, under Spec. No. 825-D, for furnishing: (1) ve 150-kva., 11,500- to 230/460-volt transformers; and (2) two 15,000-volt fused disconnecting switches for pumping plants for cooling concrete at Grand Coulee Dam, Columbia Basin Project:

Maloney Elec. Co., St. Louis, (1) $3,453.

R. E. Uptegraff Mfg. Co., Pittsburgh, (1) $3,622.

Gardner Elec. Mfg. Co., Emeryville

Calif., (1) $3,465; fob Emeryville; discount, ½%.

Standard Transformer Co., Warren Ohio, (1) $3,760.

American Transformer Co., Newark, N. J., (1) $3,973.70.

Pennsylvania Transformer Company, Pittsburgh, (1) $4,058.55.

Wagner Elec. Corp., St. Louis, (1) $4,058.50.

Kuhlman Elec. Co., Bay City, Mich. (1) $4,058.50.

Allis-Chalmers Mfg. Co. Pittsburgh (1) $4,058.55.

General Electric Co., Schenectady, (1) $4,058.55; (2) $590.96.

Tinling & Powell, Inc., Spokane, (1) $4,058.50; (2) $734.24; discount, 1 per cent.

Myers Elec. Supply Co., Inc., Los Angeles, (1) $3,760; (2) $674.96; (1 and 2) $4,375.

Line Material Co., South Milwaukee, (1) $4,058.50; (2) $734.24.

Westinghouse Elec. & Mfg. Co., Denver, (1) $4,060.20; (2) $754.46.

High Tension Co., Inc., Phillipsburg, N. J., (2) $685.75; discount, one per cent.

Railway & Industrial Engr. Company, Greensburg, Pa., (2) $687.40.

Southern States Equip Co., Birmingham, (2) $754.22.

Delta-Star Elec. Co., Chicago, (2) $674.96.

Schwietzer & Conrad, Inc., Chicago (2) $772.66.

Pacific Elec. Mfg. Corp., San Francisco, (2) $591.26.

Johnson Mfg. Co., Atlanta, Ga., (2) $734.25.

Royal Elec. Mfg. Co., Chicago, (2) $597.00.

Elec. Engrs. Equip. Co., Melrose Park, Ill., (2) $726.86.

Elec. Power Equip. Co., Philadelphia, (2) $685.96; alt., $562.00.

Bowie Switch Co., San Francisco, (2) $591.26.

All bids fob Coulee, Wash., net; unless otherwise noted.

26— RAILROADS

BIDS WANTED

SAN FRANCISCO.—Until September 25, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Municipal Railway Contract No. 165, for the reconstruction of the Market Street tracks between Geary and Sutter Streets.

The work involves:

(1) 2,230 ft. removing existing track and pavement, single track;
(2) 2 each, installing and removing temporary crossovers;
(3) 860 c.y. excavation below pavement;
(4) Lump sum, installing drainage system;
(5) 500 c.y. furnishing crushed rock ballast;
(6) 159 c.y. breaking and distributing concrete sub-ballast;
(7) 2,230 ft. constructing girder rail track, including hauling materials, but exclusive of excavation, paving and bonding, single track;
(8) Lump sum, installing special work at Geary Street;
(9) Lump sum, installing special work at Second Street;
(10) 80 each, furnishing and installing thermit weld joints;
(11) 11 each, furnishing and installing 300,000 C.M. copper joint bonds;
(12) 38 each, furnishing and installing 6-ft. 4/0 copper cross bonds;
(13) 1,150 l.f. furnishing and installing 4/9 copper solid wire for special work;
(14) 20,100 sq. ft. asphaltic pavement on concrete base;
(15) 4,000 sq. ft. asphaltic conform pavement, consisting of asphaltic concrete wearing surface, including removal of existing asphalt surface;
(16) 1,500 sq. ft. concrete base for asphaltic conform pavement, including the removal of the existing base;
(17) 2,300 ft. concrete stringer, single track.

Sixty days will be allowed for completion of the work, with a penalty of $100 per day for additional day; a bonus of $100 per day, for not exceeding 10 days, will be allowed for each day the work is completed prior to the sixty-day limit.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason Street.

27—FIRE ALARM SYSTEM

GRANT APPROVED

SACRAMENTO, Sacramento Co., Calif.—PWA has approved a grant of $120,703 to the City of Sacramento to aid on construction of a fire and police alarm system. Total cost of the system is estimated at $268,230.

A bond issue of $130,000 was approved by voters November 5, 1935.

29— STREETS AND HIGHWAYS

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until October 7, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 1.1 miles grading and surfacing with screened gravel on gravel base and constructing a reinforced concrete bridge on steel pile foundations in Mendocino County between Eleven Oaks and Willits.

The work involves:

(1) 900 M. gals. water;
(2) 13,700 c.y. rdwy. excav., unclass.
(3) 91,000 sta. yds. overhaul;
(4) 600 c.y. struc. excav.;
(5) 270 c.y. ditch excav.;
(6) 7,000 c.y. imported borrow;
(7) 60 sta. finishing rdwy.;
(8) 9,000 c.y. gravel base;
(9) 2,960 c.y. screened gravel (surf.)
(10) 49 tons liquid asphalt SC-1A (prime coat);
(11) 14 tons liquid asph. MC-3 (seal coat);
(12) 130 c.y. screenings (seal coat);
(13) 54,320 lbs. bar reinf. steel;
(14) 333 c.y. Class A Portland cement concrete (struc.);
(15) 34 c.y. do (footing blocks);
(16) 650 l.f. furnishing steel piles, including test piles;
(17) 30 each driving do;
(18) 170 l.f. 18-in. CMP;
(19) 84 l.f. 24-in. CMP;
(20) 66 l.f. 36-in. CMP;
(21) 300 l.f. 8-in. perf. metal pipe (underdrains);
(22) 55 c.y. rock filling material (do)
(23) 2 each cast steel frames and covers;
(24) 8 each culvert markers;
(25) 190 l.f. timber handrailing;
(26) 2.2 miles new property fence;
(27) 4 each drive gates;
(28) 1 only existing reinf. concrete bridge to be removed;
(29) 1 lot misc. bridge items;
(30) 14 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka.

CONTRACT AWARDED

FRESNO CO., Calif.—L. A. Brisco, Arroyo Grande, at $46,988.40, awarded contract by the State Division of Highways, Sacramento, for constructing about 9.8 miles crusher run base borders, applying non-skid surface treatment to existing pavement and portion of borders, and applying road-mix surface treatment to the shoulders between the south city limits of Fresno and Floral Ave.

CONTRACT AWARDED

YOLO COUNTY, Calif.—Heafey-Moore Co., 344 High St., Oakland, at $17,075, awarded contract by the State Division of Highways, Sacramento, for constructing crusher run base borders and applying seal coat thereto on about 4.1 miles between Kiesel and Sacramento Weir, Yolo County.

BIDS WANTED

LOS ANGELES CO., Calif.—Until September 30, 10 a.m., bids will be received by the Los Angeles Board of Public Works for the opening and improvement of Second Ave., or Main St., Venice, from 100 ft. north of Navy St. to San Juan Ave. The road will be paved a length of 35,000 lin. ft. to a width of 56 to 58 ft. The right of way will be 80 ft. Pavement will be asphaltic concrete. The project involves two pedestrian tunnels.

CONTRACT AWARDED

KERN CO., Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $245,578.20, awarded contract by the State Division of Highways, Sacramento, for grading and paving with asphalt concrete about 11.7 mi. between 10.5 miles south of Bakersfield and Grove Street in Bakersfield, Kern County.

CONTRACT AWARDED

NAVAJO COUNTY, Ariz. — Packard Contr. Co., Phoenix, at $67,194.20 awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Phoenix, for constructing bridge and approaches and grading and placing subgrade reinforcement on about 3.229 miles, Route 30, Sections B1 and C of Globe-Showlow National Forest Highway.

CONTRACT AWARDED

SANTA BARBARA CO., Calif.—Heafey-Moore Co., 344 High Street, Oakland, at $44,899, awarded contract by the State Division of Highways, Sacramento, for surfacing portions of about 43.8 miles between Las Cruces and Lompoc and between Zaca and Painted Caves Road.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Geo. R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, at $107,283.35, awarded contract by the State Division of Highways, Sacramento, for grading and paving with asphalt concrete about 8 miles on Foothill Blvd., between Azusa and Claremont.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Sander Pearson, 711 16th St., Santa Monica, at $15,501.20, awarded contract by the State Division of Highways, Sacramento, for constructing about 6.5 miles pavement borders of plant-mixed surfacing, between Brea and Pomona, Los Angeles County.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Sander Pearson, 711 16th Street, Santa Monica, at $69,950.75, awarded contract by the State Division of Highways, Sacramento, for about 0.9 mi. widening Firestone Blvd., through Downey, and placing widening strips of portland cement concrete and plant-mixed surfacing.

CONTRACT AWARDED

IMPERIAL CO., Calif.—R. E. Hazard & Son, P.O. Box 1438, San Diego,

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until October 8, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about one mile grading and surfacing with plant-mixed surfacing, and constructing a reinforced concrete girder bridge in Riverside County at Snow Creek.

The work involves:

(1) 550 M. gals. water;
(2) 53,700 c.y. roadway excav., unclassified;
(3) 2,320 c.y. struc. excav.;
(4) 11,800 sta. yus. overhaul;
(5) 27,500 c.y. selected material;
(6) 51 sta. finishing roadway;
(7) 212 tons liquid asphalt, 90-95 (plant-mix surf.);
(8) 4,235 tons mineral aggregate (plant-mix surf.);
(9) 12 tons liq. asphalt, 90-95 (seal coat surf.);
(10) 140 tons screenings (seal coat, surf.);
(11) 123 tons liq. asphalt, ROMC-3 or ROMC-4 (road-mix, surface treat.);
(12) 11,900 sq. yds. preparing, mixing and shaping shoulders and detour;
(13) 5 tons liq. asphalt, ROMC-3 or ROMC-4 (seal coat, shoulders);
(14) 47 tons sand (seal coat, shoulders);
(15) 238,000 lbs. bar reinf. steel;
(16) 1,160 c.y. class A portland cement concrete (structures);
(17) 26 c.y. class A portland cement concrete (railing);
(18) 184 lbs. bronze;
(19) 40 l.f. 8-in. CMP;
(20) 336 l.f. 24-in. CMP;
(21) 3 each spillway assemblies;
(22) 7 each culvert markers;
(23) 64 each guide posts;
(24) 300 l.f. laminated guard railing;
(25) 1 only bridge removed and disposed of;
(26) 1 lot misc. bridge items;
(27) 22 each monuments, complete, in place.

NOTE: The State will furnish corrugated metal pipe and spillway assemblies, as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

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at $14,865, awarded contract by the State Division of Highways, San Diego, for gravel surfacing and applying liquid asphalt on about 7.6 miles in Imperial County between one mile east of Heber and three miles east of Imperial.

BIDS OPENED

FRESNO & TULARE COS., Calif.—Tieslau Bros., Inc., 1315 Allston Way, Berkeley, at $14,962, submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for clearing Section A of the Fresno-General Grant Park approach Road, Sequoia National Forest, Fresno and Tulare Counties, a length of 3.934 miles.

The work involves:

(1) 39 acres clearing;
(2) Extra work, cleanup and selective clearing.

Complete bids follow:

Tieslau Bros., Berkeley—(1) $358; (2) $1,000; total, $14,962.
George J. Bock, L. A.—(1) $472; (2) $1,000; total, $19,408.
Union Paving Co., S. F.—(1) $537; (2) $1,000; total, $21,943.
A. G. Raisch, S. F.—(1) $587; (2) $1,000; total, $23,893.
Engineer's Estimate—(1) $350; (2) $1,000; total, $14,670.

CONTRACT AWARDED

INYO CO., Calif.—Square Oil Co., Inc., 916 Adobe St., Los Angeles, at $0.043 per gal., submitted low bid and awarded contract by the Inyo County Board of Supervisors, Dora Merithew, Clerk, Court House, Independence, for treating with liquid asphalt about 1.5 miles of the Lone Pine Depot Road, one-half mile north of the town of Lone Pine.

The work will require 26,500 gals. of liquid asphalt, SC-2.

Complete bids follow:

Square Oil Co., L. A.—$0.043 per gal.
Paulsen & March, L. A.—$1.93 and $1.86 per bbl.
Lambs Transportation Co., Long Beach—$0.04429 per gal.
Gilmore Oil Co., Los Angeles—$0.047 per gal.
Oilfields Trucking Co., Bakersfield—$0.0495 per gal.
Union Oil Co., L. A.—$5 per ton, 247 gals. per ton.

COMPLETE BID LISTING

MONTEREY CO., Calif.—Oilfields Trucking Co., Box 751, Bakersfield, at $4,881.75, as previously reported, submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for applying penetration oil treatment on about 7.1 miles between Big Creek and Anderson Canyon, Monterey Co.

The work involves 345 tons liquid asphalt, SC-2, in place.

Complete bids follow:

Oilfields Trucking Co., Bakersfield—(1) $14.15 per ton; total, $4,881.75.
L. A. Brisco, Arroyo Grande—(1) $17.40; total, $5,071.50.
A. E. Garcia, Jr., Irvington—(1) $20.75; total, $7,158.75.
Tieslau Bros., Berkeley—(1) $21.50; total, $7,417.50.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Calif.—Gilmore Oil Co., 2423 E. 28th St., Vernon, at $1,914.25 submitted low bid to the State Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, and awarded contract by the State Division of Highways, Sacramento, for furnishing and applying asphaltic emulsion on about 11.6 miles of state highway between Yermo and Baker, San Bernardino County.

The work involves:

(1) 95 tons asphaltic emulsion, 90-95, in place.

Complete bids follow:

Gilmore Oil Co.—(1) $20.15; total, $1914.25.
Square Oil Co., Los Angeles—(1) $22; total, $2090.
Lamb's Transfer Co., Long Beach—(1) $22.11; total, $2100.45.
Paulsen & March, Los Angeles—(1) $23; total, $2185.
American Bitumuls Co., Los Angeles—(1) $24; total, $2280.

BIDS WANTED

LEWIS & PIERCE COS., Wash.—Until September 23, 10 a.m., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for 7.806 miles surfacing on the Mt. Ranier National Park East Side Highway, Lewis and Pierce Counties.

The principal items of work involved are:

(1) 1 A. clearing;
(2) 1 A. grubbing;
(3) 15,250 c.y. unclass. excav.;
(4) 8,400 tons subgrade reinforcement;
(5) 8.3 mi. fine grading subgrade and shoulders;
(6) 29,700 tons crusher run material;
(7) 6,000 c.y. mi. overhaul;
(8) 1,300 M. gals. watering;
(9) 40 days roller operation;
(10) 3,000 l.f. wood guard rail, Type 7;
(11) 36 A. roadside cleanup;
(12) 160 sq. yds. paved culvert inlets, Type 1;
(13) Lump sum, extra and miscellaneous force account work.

Plans and specifications obtainable from the above office upon deposit of $10.

COMPLETE BID LISTING

MONTEREY COUNTY, Calif.—A. J. Raisch, 368 Lincoln Ave., San Jose, at $10,566 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for treating with liquid asphalt about 20.1 miles between Gonzales and Chular and between Hilltown and Monterey in Monterey County.

The work involves:

(1) 205 tons liquid asphalt ROMC-3, in place (road-mix surface treatment);
(2) 54,300 sq. yds. prepare, mix and shape shoulders;
(3) 205 tons liquid asphalt, SC-2, in place (penetration oil treatment).

Total bids follow:

(A) A. J. Raisch, San Jose..$10,566.00
(B) L. A. Brisco, Arroyo Grande 10,779.20
(C) Oilfields Trucking Co., Bakersfield 11,064.80
(D) Granite Construc. Co., Ltd., Watsonville..... 11,724.00
(E) A. E. Garcia, Jr., Irvington 11,519.25

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$20.00	$20.43	$18.25	$21.00	$22.65
(2)	.07	.07	.085	.08	.07
(3)	13.00	13.61	13.21	15.00	15.00

CONTRACT AWARDED

STOCKTON, San Joaquin County, Calif.—Heafey-Moore Co., 344 High St., Oakland, at $15,134.99 submitted low bid and awarded contract by the Stockton City Council, B. L. Trahern, City Clerk, City Hall, for the improvement of the north one-half of South Tuxedo Avenue from Avondale subdivision to Pershing Avenue, and of the south one-half of South Tuxedo Avenue from Manchester Avenue to Pershing Avenue.

The work involves:

(1) 1,995.33 c.y. excavation;
(2) 102.2 c.y. fill;
(3) 2,848.44 l.f. combined curb, gutter and sidewalk;
(4) 48,632.99 sq. ft. pavement.

Total bids follow:

(A) Heafey-Moore Co., Oakland $15,134.99
(B) John Haehman, Stockton 15,894.03
(C) Stuart M. McGaw, Stockton 16,034.49
(D) Wood & Bevanda, Stockton 18,539.30

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$0.50	$0.40	$0.50	$0.50
(2)	.40	.50	.50	.40
(3)	2.90	2.55	2.70	2.90
(4)	.12	.16	.15	.19

BIDS WANTED

SANTA BARBARA COUNTY, Cal.—Until September 22, 2 P. M., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for removing and disposing of trees on about 1.4 miles in Santa Barbara County between Puente Drive and Maria Ignacio Creek.

Specifications obtainable from the above office.

BIDS WANTED

VENTURA COUNTY, Calif.—Until September 23, 2 P. M., bids will be received by the State Division of Highways, S. V. Cortelyou, District Engineer, Room 808, State Bldg., Los Angeles, for about 0.3 mile grading and surfacing with plant-mixed sur-

facing in Ventura County, at Teague-McKevett Crossing, about one-half mile East of Santa Paula.

The work involves:

(1) 16 stations clearing and grubbing right of way;
(2) 250 M. gals. water;
(3) 200 c.y. structure excavation;
(4) 8,800 c.y. imported borrow;
(5) 30 c.y. removing and disposing of existing concrete;
(6) 16 stations finishing roadway;
(7) 1,000 tons mineral aggregate (plant-mixed surfacing);
(8) 52 tons liquid asphalt MC-4 or MC-5 (plant-mixed surfacing);
(9) 6 tons liquid asphalt MC-2 (prime coat);
(10) 210 lbs. bar reinforcing steel;
(11) 8 c.y. Class A Portland cement concrete (structures);
(12) 114 l.f. 24" C.M.P.;
(13) 46 l.f. 48" C.M.P.;
(14) 60 l.f. removing and salvaging corrugated metal pipe culverts;
(15) 6 each culvert markers.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

SANTA CLARA CO., Calif.—Jones & King, Jackson St., Hayward, at $253,494, awarded contract by the State Division of Highways, Sacramento, for grading and paving with asphalt contract about 10.4 miles between San Jose and Coyote, Santa Clara County.

BIDS WANTED

LAKE COUNTY, Calif.—Until September 22, 2 P. M., bids will be received by the State Division of Highways, J. W. Vickery, District Engineer, 546 West Wabash Ave., Eureka, for about 1.3 miles surfacing with gravel and applying seal coat, in Lake County between one mile and 2.3 miles north of Kelseyville.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

SACRAMENTO COUNTY, Calif.—Al W. Simmonds, 3427 J St., Sacramento, at $2,470 awarded contract by the State Division of Highways, Sacramento, for traffic striping at various locations in District III, about 425 miles of traffic stripe to be applied to existing pavement in Sacramento, Placer, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, El Dorado, and Nevada Counties.

Complete bids published September 1.

CONTRACT AWARDED

SHASTA COUNTY, Calif.—D. McDonald, 204 23d St., Sacramento, at $163,019.60 awarded contract by the State Division of Highways, Sacramento, for grading and surfacing with crusher run base and plant-mixed surfacing about 4.7 miles between Shasta and Redding.

CONTRACT AWARDED

YOLO COUNTY, Calif.—E. F. Hilliard, 1355 43d St., Sacramento, at $9,750 awarded contract by the State Division of Highways, Sacramento, for applying armor coat on about 4.3 miles between Putah Creek and Davis, Yolo County.

CONTRACT AWARDED

SOLANO COUNTY, Calif.—L. C. Seidel, 4722 Market St., Oakland, at $72,459 awarded contract by the State Division of Highways, Sacramento, for widening about 11.9 miles existing roadbed, and placing untreated crushed gravel or stone borders and applying armor coat, between Denverton and Rio Vista, Solano County.

CONTRACT AWARDED

KINGS COUNTY, Calif.—Leo F. Piazza, 296 N. 6th St., San Jose, at $36,471.50 awarded contract by the State Division of Highways, Sacramento, for about 6 miles constructing crusher run base borders and applying plant-mix surfacing, between Route 10 and Hub.

CONTRACT AWARDED

RIVERSIDE COUNTY, Calif. — Square Oil Co., 916 Adobe St., Los Angeles, at $5,747.50 awarded contract by the State Division of Highways, Sacramento, for furnishing and applying liquid asphalt to the existing shoulders and roadsides on about 32 miles in Riverside County between Edom and the Riverside-Imperial County line.

CONTRACT AWARDED

INYO COUNTY, Calif.—Basich Bros., 20550 Normandie Ave., Torrance, at $23,314.80 awarded contract by the State Division of Highways, Sacramento, for grading and applying road-mix surface treatment on about 1.7 miles and constructing a timber bridge, between two miles east of Lone Pine and one mile east of Owens River.

NO BIDS RECEIVED

WILLOW GLEN, Santa Clara Co., Calif.—No bids were received by the Willow Glen City Clerk September 8 for surfacing with asphalt armor coat about 0.4 mile on Cherry Ave., from Willow Street to Minnesota Ave., involving 66,000 sq. ft. asphalt surfacing.

H. N. Bishop, 505 S. Bayview Ave., Sunnyvale, city engineer.

CONTRACT AWARDED

SISKIYOU & SHASTA COS., Cal. —C. F. Fredericksen & Son, Lower Lake, at $5,369, awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Bldg., San Francisco, for 22.209 mi. of bituminous treatment (light surface application) on portions of Sections D of Route 11, the Mt. Shasta-Mt. Lassen National Forest Highway, Siskiyou and Shasta Counties.

CONTRACT AWARDED

SHASTA CO., Calif.—Larsen Bros., 5220 21st Ave., Sacramento, at $69,-438, awarded contract by the Bureau of Public Roads, Federal Bldg., San Francisco, C. H. Sweetser, District Engineer, for 4.849 mi. grading and placing of subgrade reinforcement with bituminous treatment (light surface application) on Section I of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta County.

Complete bids published August 14th.

CONTRACT AWARDED

MONO CO., Calif.—Regal Oil Co., 2305 Orange, Long Beach, at $4,420, awarded contract by the Bureau of Public Roads, Federal Bldg., San Francisco, for 6.823 miles bituminous treatment (light surface application) on Section A of Route 81, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County.

CONTRACT AWARDED

SAN BENITO, Monterey, San Luis Obispo and Santa Babara Cos., Cal. —S. A. Cummings, 4170 Falcon St., San Diego, at $3,874.50 awarded contract by the State Division of Highways, Sacramento, for applying traffic stripe to about 665 miles of pavement at various locations in District V.

CONTRACT AWARDED

SANTA CRUZ CO., Cal.—Earl W. Heple, 494 Delmas Ave., San Jose, at $11,248.50 awarded contract by the State Division of Highways, Sacramento, for constructing a bridge across Scott Creek and a culvert across Mill Creek, between Davenport and Santa Cruz-San Mateo Co. line in Santa Cruz County.

CONTRACT AWARDED

SANTA CLARA CO., Calif.—A. J. Raisch Co., 358 Lincoln Avenue, San Jose, at $42,808 awarded contract by the State Division of Highways, Sacramento, for grading and applying road-mix surface treatment on about 1.2 miles between State Route 68 and the north city limits of San Jose.

NO BIDS RECEIVED

GILROY, Santa Clara Co., Calif.—No bids were received by the Gilroy City Council, E. F. Rogers, City Clerk, for improvement of Old Gilroy St. from Monterey St. to the city limits.

CONTRACT AWARDED

COCONINO CO., Arizona. — Ken Hodgman, 714 Plymouth, Pasadena, at $73,859.40, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Flagstaff-Fredonia Highway, F.A. 95-J, AFE 8963.

The work, which is to begin about 22½ miles northeast of Flagstaff and extend 5½ miles northeasterly, consists of the grading, draining and placing of base course, and is to be completed on or before January 15,

September 14, 1936.

BIDS WANTED

LEWIS AND PIERCE COUNTIES, Washington.—Until September 23, 10 a. m., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for 7.806 miles surfacing on the Mt. Rainier National Park East Side Highway, Lewis and Pierce Counties.

The principal items of work involved are:

(1) 1 A. clearing;
(2) 1 A. grubbing;
(3) 15,250 c.y. unclass. excavation;
(4) 8,400 tons subgrade reinforcement;
(5) 8.3 mi. fine grading subgrade and shoulders;
(6) 29,700 tons crusher run material;
(7) 6,000 c.y. mi. overhaul;
(8) 1,300 M. gals. watering;
(9) 40 days roller operation;
(10) 3,000 l.f. wood guard rail type 7;
(11) 36 A. roadside cleanup;
(12) 160 sq. yds. paved culvert inlets, type 1;
(13) Lump sum, extra and miscellaneous force account work.

Plans and specifications obtainable from the above office upon deposit of $10.

PREPARING SPECIFICATIONS

SACRAMENTO COUNTY, Calif.—Captain A. W. Parker, constructing quartermaster, Post Office Terminal Building, Fifth and I Streets, Sacramento, is preparing specifications for grading the landing field at the Sacramento Supply and Repair Base of the Army Air Corps. Area 1 mile by 1½ mile to be leveled. Work will involve moving more than 500,000 c.y. material.

Probably will be ready for contracting within 60 days.

September 14, 1936.

BIDS WANTED

SAN FRANCISCO.—Until September 23, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,962, for the widening and reconstruction of Bryant Street, between Second and Fifth Streets. Estimated cost, $39,935.

The work involves:

(1) 120 c.y. rock fill;
(2) 39,000 sq. ft. basalt block pavement removed;
(3) 900 sq. ft. asphalt concrete pavement, consisting of a concrete base and an asphaltic wearing surface removed;
(4) 3,000 sq. ft. asphaltic concrete wearing surface removed;
(5) 4,600 lin. ft. curbs reset;
(6) 900 sq. ft. granite curb redressed;
(7) 150 lin. ft. new granite curb, in place;
(8) 190 lin. ft. armored concrete curb;
(9) 26 brick catchbasins reset or reconstructed;
(10) 26 concrete curb inlets reconstructed;
(11) 1 brick catchbasin constructed;
(12) 12 low pressure hydrants moved;
(13) 1 high pressure hydrant moved;
(14) 6 hyrdant excavations;
(15) 700 lbs. cast-iron pipe—specials;
(16) 170 lbs. wrought-iron bolts, nuts, washers;
(17) 100 lbs. pig lead furnished;
(18) 5 street and traffic signs moved;
(17) 14 manhole frames and covers installed;
(20) 2 fire and police boxes moved;
(21) 1,909 lin. ft. 1½-in. black conduit;
(22) 34,500 sq. ft. 8-in. class E concrete pavement;
(23) 100 lin. ft. 10-in. VCP culvert constructed;
(24) 14,500 sq. ft. two-course concrete sidewalk;
(25) 2,000 sq. ft. asphalt-macadam walk, consisting of a 4-in. rock macadam base and a 1-in. asphaltic concrete wearing surface;
(26) 2,500 tons asphaltic concrete base and levelling course;
(27) 1,300 tons asphaltic concrete wearing surface;
(28) 110 tons asphaltic concrete conform pavement;
(29) 45 c.y. class B concrete;
(30) 300 new cross-walk markers, in place;
(31) 5,040 sq. ft. white lacquer traffic lines and zones;
(32) 500 lin. ft. 6-in. VCP side sewer constructed.

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall, upon cash deposit of $10. * 29

CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—A. G. Raisch, 1 DeHaro St., San Francisco, at $59,378.27, submitted low bid and awarded contract by the Vallejo City Council, for paving 14 blocks of city streets, including:
(1) Sonoma St., from Georga St. to Maryland St.;
(2) Alameda St., from Georga St. to Kentucky St.;
(3) Lemon St., from Port r St. to Mare Island Straits;
(4) Branciforte St., from Georga St. to Maine St.;
(5) Main St., from east line of Branciforte St., 124 ft. easterly.

The work involves:
(1) 7,377 c.y. grading;
(2) 3,050 tons slurry base;
(3) 227,735 sq. ft. asphaltic concrete case, 4-in. thick;
(4) 227,735 sq. ft. asphaltic concrete ton, 2-in. thick;
(5) 256.2 c.y. portland cement concrete gutters;
(6) 220.8 c.y. concrete curb and gutter;
(7) 136.3 c.y. concrete, alley wings;
(8) one manhole;
(9) 2,780 l.f. curb armor;
(10) 2 catch basins, Type A;
(11) 5 catchbasins, Type B;
(12) 10 l.f. 12-in. vitrified clay pipe;
(13) 40 l.f. 15-in. vitrified clay pipe;
(14) 176 l.f. 24-in. vitrified clay pipe.

Total bids follow:
(A) A. G. Raisch, S. F.....$59,378.27
(B) Basich Bros., Torrance.. 67,096.50

Unit bids follow:

	(A)	(B)
(1)	$ 0.70	$ 0.80
(2)	1.90	2.66
(3)	.105	.12
(4)	.06	.06
(5)	13.00	15.00
(6)	13.00	16.00
(7)	11.00	16.00
(8)	70.00	75.00
(9)	.16	.30
(10)	240.00	125.00
(11)	120.00	100.00
(12)	2.00	3.00
(13)	3.00	3.50
(14)	8.00	4.00

T. D. Kilkenny, City Engineer. * 29

BIDS WANTED

SAN FRANCISCO.—Until September 23, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,978, for the improvement of the westerly one-half of 36th Ave., between Ulloa and Vicente Streets. Estimated cost, $3,860.

The work involves:
(1) 40 l.f. 8-in. V.C.P. side sewer;
(2) 600 l.f. unarmored concrete curb;
(3) 12,000 sq. ft. asphaltic concrete pavement, consisting of 4-in. asphaltic concrete base and a 2-in. asphaltic concrete wearing surface.

Plans and specifications obtainable from the office of City Engineer John Casey, upon cash deposit of $10. * 9

CONTRACT AWARDED

SANTA CLARA CO., Calif.—A. J. Raisch and Earl W. Heple, 494 Delmas Ave,. San Jose, at $225,112.45 awarded contract by the State Division of Highways, Sacramento, for grading and paving with portland cement concrete about three miles between Agnew and San Jose

BIDS OPENED

SAN DIEGO CO., Calif.—Daley Corp., 4430 Boundary St., San Diego, at $283,922.45, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 2.7 miles grading and paving with Portland cement concrete in San Diego County on El Cajon Ave., San Diego, from Texas Street to Euclid Avenue.

The work involves:
(1) 3 each, removing and replanting trees;
(2) 1,200 M. gals. water;
(3) 14,660 c.y. removing and disposing of existing pavement, curbs and sidewalks;
(4) 3,000 sq. yds. removing and disposing of existing asphalt concrete pavement surface;
(5) 25,600 c.y. rdwy. excav., unclass.
(6) 385 c.y. struc. excav.;
(7) 31,000 c.y. imported borrow;
(8) 66,100 sq yds. subgrade for pave.;
(9) 2,100 tons crusher run base;
(10) 5,600 tons of mineral aggregate (plant-mixed surfacing);
(11) 235 tons liquid asphalt, MC-5 or MC-extra heavy;
(12) 185 tons Grade E asph. cement (membrane seal);
(13) 26 tons emulsified asphalt (penetration type);
(14) 13,430 c.y. Class A Portland cement concrete (pavement);
(15) 650 c.y. Class A do (pavement plug);
(16) 1,075 c.y. do (curbs, gutters and sidewalks);
(17) 70 c.y. Class A White Portland cement concrete (pedestrian island curbs, and safety blocks);
(18) 17,990 each, pavement dowels;
(19) 33,300 lbs. bar reinf. steel (pave.)
(20) 2,450 l.f. 4-in. standard tile underdrain;
(21) 315 c.y. rock filling material;
(22) 4 each, pavement crossing devices, Type B-20;
(23) 45 each, adjusting existing manholes to grade.

Total bids follow:
(A) Daley Corp., San Diego—$283,-922.45.
(B) Basich Bros., Torrance—$285,-390.60.
(C) V. R. Dennis Constr. Co., San Diego—$299,973.
(D) Griffith Co., Los Angeles—$304,-929.90.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$20.00	$25.00	$11.00	$25.00
(2)	1.50	.60	1.50	2.00
(3)	.66	2.50	1.10	1.25
(4)	.75	.25	.60	1.00
(5)	.54	.40	.65	.55
(6)	2.50	1.50	2.20	2.00
(7)	.80	.57	.75	.76
(8)	.12	.10	.12	.12
(9)	3.90	3.50	4.70	3.50
(10)	4.50	3.50	5.00	4.25
(11)	18.70	22.00	16.50	15.00
(12)	50.00	30.00	30.00	18.00
(13)	90.00	35.00	66.00	50.00
(14)	10.12	10.25	10.93	11.78
(15)	10.00	10.00	11.30	11.00
(16)	15.25	16.00	15.50	15.00
(17)	93.00	16.00	66.00	75.00
(18)	.15	.14	.14	.15
(19)	.075	.065	.08	.08
(20)	.25	1.50	.22	.25
(21)	3.00	4.50	3.00	3.50
(22)	125.00	35.00	50.00	250.00
(23)	15.00	25.00	5.50	15.00

BIDS WANTED

MARICOPA CO., Ariz.—Until September 25, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Phoenix-Yuma Highway, F.A. 30-E (1937); A.F.E. 8008. The work, which is located in Phoenix on 17th Avenue between Jefferson St. and Van Buren St., and on Van Buren St. between 17th Ave. and 15th Ave., consists of widening and resurfacing existing pavement with asphaltic concrete, constructing concrete pipe and curb and gutter, and other incidental work, and is to be completed on or before Feb. 28, 1937. The principal items are:
43000 sq. yds. grading under pavement;
1460 tons asphaltic concrete (base course);
1275 tons asphaltic concrete (top course);
350 tons asphaltic surface finish;
460 sq. yds. 6-in. concrete pavement;
530 sq. yds. pavement cut and replaced;
1200 tons aggregate base course (CIP);
3550 lin. ft. combined curb and gutter;
308 lin. ft. 12-in. plain concrete pipe;
1671 lin. ft. 24-in. reinf. concrete pipe;
325 lin. ft. 27-in. reinf. concrete pipe;
807 lin. ft. 30-in. reinf. concr. pipe;
1050 sq. yds. removal of pavement;
3300 lin. ft. removal of combined curb and gutter.

Plans may be obtained from the State Highway Engineer, T. S. O'Connell. Certified or cashier's check for 5% must accompany each proposal.

CONTRACT AWARDED

YAVAPAI CO., Ariz.—George W. Orr, El Paso, Texas, at $69,172, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Prescott-Jerome Highway, F.A. 96-C, Reop. (1937), A.F.E. 7922. The work, which begins at the National Forest boundary, about 22 miles

northeast 200. Work involves removal of rubly about 5½ miles, consists of grading the roadway and furnishing and placing aggregate base course and is to be completed on or before Feb. 28, 1937. 29

BIDS REJECTED

LOS ANGELES CO, Calif.—State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, has rejected all bids received Aug. 24 for applying plant-mixed surfacing to shoulders on about 3.5 miles on Rosemead Blvd. between San Gabriel Blvd and Ramona Blvd.

BIDS WANTED

KLAMATH CO., Oregon. — Until September 23, 10 a.m., bids will be received by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, W. H. Lynch, District Engineer, for 2.917 miles grading on the Rim Road, Crater Lake National Park, Klamath County.

The principal items of work involved are:

(1) 30 A. clearing;
(2) 18 A. grubbing;
(3) 163,700 c.y. unclass. excav.;
(4) 268,000 sta. yds. overhaul;
(5) 2.917 mi. finishing earth graded road;
(6) 11,000 c.y. mi. overhaul;
(7) 30 A. roadside cleanup;
(8) 14,000 l.f. rounding cut slopes;
(9) 200 c.y. masonry retaining walls and headwalls;
(10) 20 c.y. masonry guard rail, Type 2;
(11) 1,500 l.f. culverts (alt.);
(12) Lump sum, extra and miscellaneous force account work.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS WANTED

KERN CO., Calif.—Until September 28, 10 a.m., bids will be received by the State Division of Highways, R. M. Gillis, District Engineer, State Highway Bldg., Fresno, for about 0.23 mile grading and surfacing with crusher run base and road-mix surfacing in Kern County, at railroad crossing one mile east of Rosedale.

The work involves:

(1) 350 M. gals. water;
(2) 40 c.y. roadway excav., unclass.;
(3) 100 c.y. ditch excav.;
(4) 200 c.y. struct. excav.;
(5) 5,200 c.y. imported borrow;
(6) 25 c.y. removing exist. conc.;
(7) 12 stations finishing roadway;
(8) 800 tons crusher run base;
(9) 410 tons mineral aggregate (road-mix surfacing);
(10) 20 tons liq. asphalt, ROMC-3 (road-mix surfacing);
(11) 6 tons liq. asphalt, SC-2 (prime coat);
(12) 2,600 sq. yds. preparing, mixing and shaping shoulders;
(13) 22 tons liq. asphalt, SC-2 (road-mix surface treatment);
(14) 2,700 lbs. bar reinf. steel (structures);
(15) 30 c.y. Class A portland cement concrete (structures);
(16) 60 l.f. 18-in. CMP;
(17) 154 l.f. 48-in. CMP;
(18) 20 l.f. laminated guard railing;
(19) 4 each culvert markers;
(20) 41 each, guide posts;
(21) 500 sq. yds. asphaltic paint binder.

NOTE: The state will furnish corrugated metal pipe and band couplers which will be delivered to the contractor at Bakersfield.

Plans and specifications obtainable from the above office. • 29

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Union Paving Co., Call Bldg., San Francisco, at $2,928.50, awarded contract by the Oakland City Council for grading and paving on Sallon St., between 12th and 14th Sts.

Complete bids published September 8th. •

September 14, 1936.

CONTRACT AWARDED

NAVAJO COUNTY, Arizona.—Lee Moor Contracting Co., El Paso, Texas, at $18,647.22 awarded contract by the Arizona State Highway Commission, Phoenix, for grading and draining about 2 miles on the Globe Showlow Highway commencing at a point 17.7 miles northeast of the Navajo County line and extending northeasterly in Navajo County. 29

September 14, 1936.

CONTRACT AWARDED

LINN COUNTY, Oregon.—Roy L. Houck, Salem, at $57,430 awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for 3.95 miles grading and surfacing and furnishing 2,900 c.y. crushed material in stockpiles, on the Crawfordsville-Holly Section of Halsey-Sweethome Secondary Highway.

Bids were opened July 23 and referred to the engineer. 29

September 14, 1936.

CONTRACT AWARDED

JACKSON COUNTY, Oregon. — McNutt Bros., Eugene, at $92,790 awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for 1.58 miles grading on the Wall Creek-Siskiyou Section of Pacific Highway.

Bids were opened July 23 and referred to the engineer. 29

CONTRACT AWARDED

COLUMBIA COUNTY, Oregon. — Mountain State Constr. Co., Eugene, at $33,640 awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for 1 mile grading and surfacing and construction of an 87-foot standard frame trestle bridge on the Treharne Section of Nehalem Secondary Highway.

Bids were opened July 23 and referred to the engineer.

BIDS OPENED

LOS ANGELES CO., Calif.—C. R. Butterfield, 1401 N. Gaffey St., San Pedro, at $21,951.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about 0.5 mile between Route 19 and Anaheim Spadra Road, Los Angeles County.

The work involves:

(1) 28 sta. clear and grubb right of way;
(2) 250 M. gals. water;
(3) 1,100 cu. yds. rdwy. excav. without class.;
(4) 15,100 cu. yds. imported borrow;
(5) 250 cu. yds. struct. excav.;
(6) 20 cu. yds. ditch and channel excavation;
(7) 22 tons grade E asphaltic cement (membrane seal);
(8) 6,100 sq. yds. subgrade for pave.;
(9) 28 sta. finishing rdwy.;
(10) 1,210 cu. yds. class A Port. cem. conc. (pavement);
(11) 42 cu. yds. class A Port. cem. conc. (structs.);
(12) 8,800 lbs. bar reinf. steel (pave and structs.);
(13) 2,450 each pavement dowels;
(14) 180 lin. ft. 24-in. CMP;
(15) 12 each culvert markers.

Total bids follow:

(A) C. R. Butterfield, San Pedro—$21,951.50.
(B) Sander Pearson, Santa Monica—$28,650.
(C) Dimmitt & Taylor, Los Angeles—$28,865.50.
(D) Griffith Co., Los Angeles—$32,045.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$8.00	$4.00	$20.00	$15.00
(2)	3.00	3.00	2.00	2.00
(3)	.38	.35	.35	.60
(4)	.38	1.00	.70	1.10
(5)	1.00	1.25	1.20	2.00
(6)	1.00	1.00	1.20	1.50
(7)	32.00	22.00	25.00	30.00
(8)	.15	.12	.15	.15
(9)	10.00	6.00	15.00	10.00
(10)	8.25	7.25	10.00	7.50
(11)	30.00	20.00	30.00	25.00
(12)	.06	.065	.08	06
(13)	.12	.12	.15	.14
(14)	3.00	.45	1.00	2.50
(15)	4.00	2.25	2.50	2.00

BIDS OPENED

SAN FRANCISCO.—A. C. Lo Prest Co., 560 7th St., San Francisco, at $145 each, total $580, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1642, for furnishing 4 feed water regulators for the San Francisco Hospital.

Paul W. Beggs & Son, at $151.25 each, total $605, submitted the only other bid. •

CONTRACT AWARDED

MULTNOMAH COUNTY, Oregon. —Parker-Schram Co., Couch Bldg., Portland, at $243,418 awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for 1.38 miles grading and paving and construction of concrete viaduct and retaining walls, on the Ross Island Bridge-Schiller St. Section of East Portland-Oregon City Highway.

Bids were opened June 26 and referred to the engineer. 29

BIDS WANTED

SAN DIEGO CO., Calif.—Until October 9, 2 p.m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for 3.326 miles grading and placing selected material subgrade reinforcement on Section E of Route 73, the Laguna National Forest Highway, Cleveland National Forest, San Diego County.

The principal items of work involved are:

(1) 57,000 c.y. unclass. excav.;
(2) 650 c.y. do. for structures;
(3) 15,600 c.y. do. for borrow;
(4) 30,100 sta. yds. overhaul;
(5) 17,300 c.y. mi. haul;
(6) 1,756 l.f. CMP;
(7) 42 c.y. concrete;
(8) 900 lbs. reinf. steel;
(9) 4 Type A spillway inlets;
(10) 6,000 l.f. Type 1 protection ditch;
(11) 52 culvert markers.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS OPENED

LOS ANGELES CO., Calif.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, at $129,722.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with asphalt concrete about 1.2 mi. between Polyhi Court and Stanley Avenue in the cities of Long Beach and Signal Hill, Los Angeles Co.

The work involves:

(1) 3,300 c.y. rdwy. excav., unclass.;
(2) 500 M. gals. water;
(3) 2,000 sta. ys. overhaul;
(4) 80 c.y. struc. excav.;
(5) 1,600 c.y. Type A, imported borrow;
(6) 7,400 c.y. Type B do;
(7) 179 tons liquid asphalt, SC-3;
(8) 22,300 sq. yds. preparing, mixing and shaping roadbed;
(9) 17 tons asphaltic emulsion (seal coat);

(10) 125 c.y. sand seal coat;
(11) 92 sta. finishing rdwy.;
(12) 6 l.f. 18-in. CMP;
(13) 30 l.f. 24-in. CMP;
(14) 44 l.f. 30-in. CMP;
(15) 8 l.f. 36-in. CMP;
(16) 148 l.f. clean and salvage existing CMP culverts;
(17) 8 each remove and dispose of headwalls;
(18) 5.5 c.y. Class A Portland cement concrete (struc.);
(19) 160 lbs. bar reinf. steel (struc.);
(20) 12 each culvert markers.

Total bids follow:

(A) Sully-Miller Contracting Co., Long Beach—$129,722.50.
(B) Oswald Bros., Los Angeles—$133,462.
(C) Griffith Co., Los Angeles—$145,-012.50.
(D) United Concrete Pipe Corp., Los Angeles—$146,211.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)....	$ 20.00	$ 10.00	$ 20.00	$ 10.00
(2)....	1.50	1.50	1.50	3.00
(3)....	2.00	2.50	2.00	3.00
(4)....	.45	.65	.60	1.30
(5)....	.75	.85	1.20	.70
(6)....	1.60	2.00	1.60	1.30
(7)....	.15	.11	.15	.15
(8)....	10.00	5.00	10.00	7.00
(9)....	3.00	2.75	3.50	4.00
(10)....	18.00	14.00	18.00	10.00
(11)....	30.00	30.00	30.00	20.00
(12)....	3.10	3.10	3.10	3.50
(13)....	3.25	3.40	3.30	3.70
(14)....	.02	.02	.02	.02
(15)....	.06	.05	.10	.05
(16)....	22.00	20.00	25.00	15.00
(17)....	.15	.16	.20	.15
(18)....	75.00	100.00	75.00	100.00
(19)....	2.50	2.00	2.50	3.00
(20)....	3.00	2.30	3.00	4.00
(21)....	11.50	11.00	13.50	12.00
(22)....	.80	.85	.80	1.00
(23)....	2.50	2.50	2.50	2.00
(24)....	12.00	9.00	12.00	25.00
(25)....	.50	1.00	.90	.40
(26)....	1000.00	1000.00	1000.00	1000.00
(27)....	400.00	250.00	400.00	500.00
(28)....	900.00	650.00	900.00	600.00

BIDS OPENED

SAN FRANCISCO.—M. Bertolino, 32 Shotwell St., San Francisco, at $225, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 4653, for the removal of three eucalyptus trees on the south side of 19th St., 50 feet west of Market St.

D. C. McCabe, S. F., at $475, submitted the only other bid.

BIDS WANTED

SANTA CLARA CO., Calif.—Until September 21, 11 a.m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, County Clerk, Court House, San Jose, for approximately 2 miles of surfacing on the Stevens Creek Road.

The work involves:
(1) 334,870 sq. ft. asphaltic concrete surfacing;
(2) 4,300 tons asphaltic concrete base material.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1.00 per set.

BIDS WANTED

SANTA CLARA CO., Calif.—Until September 21, 10 a.m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for paving about 0.5 mile of Pastoria Ave. in District No. 5.

The work will involve 54,050 sq. ft. of asphaltic concrete pavement.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of $1.00 per set.

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until September 30, 2 p.m., bids will be received by the State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino County, for about 2.9 miles removing and resetting palm trees in San Bernardino County, between Colton and the San Bernardino Co. line.

The work involves:
(1) 16 Washingtonia Filifera palm trees under 25 ft. in height removed and reset;
(2) 4 Washingtonia Filifera palm trees over 25 ft. in height removed and reset (from road VIII-SBd-26-D);
(3) 8 Washingtonia Filifera palm trees over 25 ft. in height, removed and reset;
(4) 19 Washingtonia Robusta palm trees over 50 ft. in height, removed and reset;
(5) 8000 l.f. 5/16-in. guy wire in place;
(6) 188 Deadmen in place.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

MOHAVE CO., Ariz.—George W. Orr, El Paso, Texas, at $57,847, submitted low bid and awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on the Ashfork-Kingman Highway, F.A. 118-B; A.F.E. 6674. The work, which is to begin at the southwest end of NRH 80-J in Mojave Co. and is to extend southwesterly 1.7 miles to connect with WPGH 118-A, consists of the grading and draining and placing of base course material and is to be completed on or before December 15, 1936.

The principal items are:
21,290 c.y. roadway excav.;
1,000 c.y. slides and overbreakage;
1,950 c.y. drainage excavation;
860 c.y. structural excavation;
9,580 c.y. imported borrow;
3,300 c.y. selected material;
700 M. gals. water;
560 c.y. concrete;
90,450 lbs. reinf. steel;
900 l.f. CMP, various sizes;
17,700 l.f. standard line fence;
4,000 l.f. road guard;
519 c.y. rock basket riprap.

Pearson & Dickerson, Prescott, at $59,432, submitted second low bid.

BIDS WANTED

SAN FRANCISCO.—Until September 30, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,977, for the improvement of the easterly one-half of Parker Ave., between Euclid Ave. and Geary Blvd. Estimated cost, $5,955.

The work involves:
(1) 450 l.f. stone curb reset;
(2) 24 l.f. armored concrete curb;
(3) 2 street and traffic signs reset;
(4) 1 brick catchbasin, complete;
(5) 9,500 sq. ft. two-course concrete sidewalk;
(6) 9,100 sq. ft. 6-in. class F concrete pavement base;
(7) 27 tons asphaltic concrete base and levelling course;
(8) 205 tons asphaltic concrete wearing surface;
(9) 22 sidesewer traps set back.

Plans and specifications obtainable from the office of City Engineer John Casey upon cash deposit of $10.00.

BIDS WANTED

SAN FRANCISCO.—Until September 30, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,968, for the widening and reconstruction of California St. between Presidio Ave. and Arguello Blvd. Estimated cost, $22,021.

The work involves:
(1) 72,000 sq. ft. asphaltic concrete wearing surface removed;
(2) 3,020 l.f. granite curb reset;
(3) 700 sq. ft. granite curb redressed;
(4) 350 l.f. granite curb in place (new, tangent);
(5) 165 l.f. armored concrete circular curb;
(6) 9 each, brick catchbasins moved and reconstructed;
(7) 9 each, concrete curb inlets constructed;
(8) 1 each, brick catchbasins (new);
(9) 4 each, low-pressure fire hydrants moved;
(10) 5 each, street and traffic signs reset;
(11) 25,500 sq. ft. 8-in. class E concrete pavement;
(12) 5,200 sq. ft. two-course concrete sidewalk;
(13) 426 tons asphaltic concrete base and levelling course;
(14) 950 tons asphaltic concrete wearing surface;
(15) 70 tons asphaltic concrete conform pavement;
(16) 50 l.f. 10-in. VCP culvert;
(17) 4 each, catchbasin gratings;
(18) 5 each, manhole frames and covers;
(19) 100 each, crosswalk markers, in place (new);
(20) 35 c.y. class B concrete.

Plans and specifications obtainable from the office of City Engineer John Casey, upon deposit of $10.00.

BIDS WANTED

BURLINGAME, San Mateo Co., Calif.—Until October 5, 8 p.m., bids will be received by the Burlingame City Council, J. R. Murphy, City Clerk, City Hall, for the widening and resurfacing of Oak Grove Ave. between El Camino Real and Crossway Road. Estimated cost, $8,000.

Bids will be taken as follows:
(1) Asphaltic concrete:
  (a) 360 tons, leveling course;
  (b) 303 tons, Type B wearing surface;
(2) Portland cement concrete, Class A:
  (a) 80 c.y. curbs;
  (b) 222 c.y. gutters;
  (c) 16 c.y. driveways;
  (d) 10 c.y. sidewalks;
(3) 34 only sanitary sewer lateral cleanouts (wyes);
(4) 500 c.y. excavation;
(5) 4,000 sq. ft. removal of existing surfacing.

Plans and specifications obtainable from the office of City Engineer Cecil Longson upon deposit of $5.00.

BIDS OPENED

SAN FRANCISCO.—A. G. Raisch, 1 DeHaro St., San Francisco, at $32,-411.50, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,943, for the widening and reconstruction of Beale Street, between Market Street and the Embarcadero.

The work involves:
(1) Lump sum, excavation;
(2) 1650 sq. ft. basalt block pavement removed;
(3) 27,000 sq. ft. asphaltic concrete wearing surface removed;
(4) 2,000 sq. ft. asphalt-concrete or asphalt-basalt pavement removed;
(5) 5,000 lin. ft. granite curb reset;
(6) 1,500 sq. ft. granit curb redressed;
(7) 200 lin. ft. armored concrete circular curb;
(8) 750 lin. ft. granite curb in place (new, tangent);
(9) 9,000 sq. ft. one course concrete sidewalk;
(10) 4,000 sq. ft. asphalt macadam sidewalk;
(11) 2 each, brick catchbasins set to grade;

(12) 30 each, concrete curb inlets constructed;
(13) 24 each, brick catchbasins moved and reconstructed;
(14) 800 tons asphaltic concrete base and levelling course;
(15) 750 tons asphaltic concrete wearing surface;
(16) 100 tons asphaltic concrete conform pavement;
(17) 50 each, crosswalk markers reset;
(18) 800 each, crosswalk markers in place (new);
(19) 40,000 sq. ft. 8-inch Class "E" concrete pacement;
(20) 8 each, manhole frames and covers;
(21) 2,500 lin. ft. 1½-inch black enameled conduit;
(22) 4 each, low pressure fire hydrants moved;
(23) 6 each, high pressure fire hydrants moved;
(24) 4,500 lbs. cast iron pipe and specials;
(25) 500 lbs. pig lead furnished;
(26) 40 cu. yds. high pressure hydrant excavation and backfill;
(27) 1,100 lbs. wrought iron bolts, nuts and washers;
(28) 3 each, police and fire alarm boxes relocated;
(29) Lump sum, electric traffic signals relocated;
(30) 30 cu. yds. Class "B" concrete;
(31) 8 each, street and traffic signs reset;
(32) 6 each, brick catchbasins (new);
(33) 3 each, brick manholes (new);
(34) 340 lin. ft. 10-inch V.C.P. culvert.

Total bids follow:
(A) A. G. Raisch, S. F.....$32,411.50
(B) M. J. Lynch, S. F..... 33,120.00
(C) Chas. L. Harney, S. F..... 34,946.00
(D) Mills Constr. Co., S. F... 36,601.00

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$1000.00	$1500.00	$2000.00	$1750.00
(2)	.04	.03	.10	.07
(3)	.04	.03	.03	.07
(4)	.12	.08	.10	.08
(5)	.50	.40	.35	.45
(6)	.50	.60	.70	.40
(7)	.75	1.00	1.00	1.00
(8)	1.75	1.70	2.00	2.00
(9)	.13	.13	.10	.13
(10)	.08	.08	.08	.08
(11)	10.00	20.00	10.00	15.00
(12)	5.00	8.00	10.00	8.00
(13)	40.00	50.00	50.00	55.00
(14)	4.00	4.00	4.20	4.50
(15)	4.00	4.50	4.50	4.50
(16)	5.00	4.50	4.60	4.50
(17)	.10	.05	.08	.15
(18)	.20	.20	.25	.30
(19)	.28	.28	.30	.32
(20)	25.00	25.00	30.00	25.00
(21)	.67	.70	.70	.60
(22)	40.00	35.00	50.00	40.00
(23)	30.00	35.00	50.00	40.00
(24)	.15	.10	.11	.12
(25)	.10	.05	.05	.06
(26)	3.00	2.00	3.00	2.00
(27)	.12	.12	.12	.13
(28)	50.00	50.00	50.00	40.00
(29)	150.00	200.00	150.00	200.00
(30)	7.00	8.00	7.00	8.00
(31)	2.00	2.00	5.00	5.00
(32)	60.00	85.00	90.00	75.00
(33)	70.00	85.00	90.00	100.00
(34)	1.00	1.50	1.50	1.00

Bids held under advisement.

BIDS WANTED

NYE COUNTY, Nev.—Until Sept. 30, 2:00 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for the construction of a portion of the state highway system in Nye County, Route 4, Sections A2, and B, from the east boundary of Nevada National Forest to approximately 9 miles east, a length of approximately 8.9 miles.

The work involves:
(1) 98 l.f. remove culvert pipe;
(2) 1 each, remove wooden culvert;
(3) 53,000 c.y. roadway excavation;
(4) 40,822 sta. yds. overhaul;
(5) 1,985 c.y. select borrow;
(6) 14,173 c.y. imported borrow;
(7) 550 c.y. structure excavation;
(8) 8.9 miles subgrade;
(9) 8.9 miles finish roadway;
(10) 33,600 tons crushed gravel or stone surface;
(11) 230 c.y. Class A concrete;
(12) 42 c.y. Class B concrete;
(13) 35 c.y. cement rubble masonry;
(14) 360 c.y. hand-laid riprap (grouted);
(15) 24,200 lbs. reinforcing steel;
(16) 580 l.f. 18-in. CMP (dipped);
(17) 544 l.f. 24-in. do;
(18) 46 l.f. 30-in. do;
(19) 92 l.f. 36-in. do;
(20) 28 each, monuments;
(21) lump sum, move corral.

The plans and specifications are obtainable from the office of the State Highway Engineer upon deposit of $5, of which amount $2.50 will be returnable, and on file at the office of the Bureau of Public Roads Federal Office Bldg., San Francisco.

BIDS OPENED

TULARE CO., Calif.—N. M. Ball Sons' Co., P.O. Box 404, Berkeley, at $14,609, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.44 mile grading and applying road-mix surface treatment and constructing a timber bridge in Tulare County, between 1.75 miles and 2.25 miles east of Porterville.

The work involves:
(1) 100 M. gals. water;
(2) 250 c.y. roadway excavation, unclassified;
(3) 50 c.y. structure excavation;
(4) 1950 c.y. imported borrow;
(5) 23 stations finishing roadway;
(6) 5 tons liquid asphalt SC-2 (prime coat);
(7) 50 tons liquid asphalt SC-2 (road-mix surface treatment);
(8) 5,800 sq. yd.s prepare, mix, and shape roadbed;
(9) 20,000 lbs. bar reinforcing steel;
(10) 100 c.y. Portland cement concrete Class A (structures);
(11) 31 M. ft. B.M., treated Douglas fir timber;
(12) 2.5 M. ft. B.M. Redwood timber, dense, select, all-heart structural grade;
(13) 1,345 l.f. furnish treated Douglas fir piles, including test piles;
(14) 53 each driving piles, including test piles;
(15) 60 c.y. light riprap;
(16) 0.65 mi. remove and reset property fence;
(17) 1 only bridge and bulkhead remove and dispose;
(18) 10 monuments.

Total bids follow:
(A) N. M. Ball Sons' Co., Berkeley $14,609.00
(B) Peter J. McHugh, Sacramento 17,389.00

Unit bids follow:

	(A)	(B)
(1)	$ 1.85	$2.50
(2)	1.00	.85
(3)	1.50	2.00
(4)	.80	1.25
(5)	10.00	10.00
(6)	16.00	25.00
(7)	17.00	20.00
(8)	.08	.12
(9)	.055	.05
(10)	22.00	27.00
(11)	110.00	125.00
(12)	120.00	165.00
(13)	1.00	.90
(14)	30.00	30.00
(15)	3.00	6.00
(16)	400.00	200.00
(17)	500.00	1000.00
(18)	3.00	6.00

BIDS OPENED

BIDS OPENED

INYO CO., Calif.—Basich Bros., 20550 Normandie Ave., Torrance, at $43,555.00, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading, surfacing with salvaged material, and applying road-mix surface treatment on about 2.3 miles, in Inyo County, between 4 and 1.7 miles south of Fish Springs.

The work involves:
(1) 1,600 M. gals. water;
(2) 27,600 c.y. roadway excavation, without classification;
(3) 350 c.y. structure excavation;
(4) 50,000 sta. yds. overhaul;
(5) 10,000 c.y. imported borrow;
(6) 2,600 c.y. salvaged surfacing;
(7) 1,500 c.y. selected shoulder material;
(8) 120 sta. finishing roadway;
(9) 65 tons liquid asphalt, SC-2 (prime coat);
(10) 140 tons liquid asphalt, SC-3 (road-mix surface treatment);
(11) 120 sta. mixing and shaping roadbed;
(12) 24 tons asphaltic emulsion, Grade E (seal coat);
(13) 180 c.y. sand (seal coat);
(14) 300 lbs. bar reinf. steel;
(15) 10 c.y. Class A Portland cement concrete (structures);
(16) 506 l.f. 24-in. corrugated metal pipe;
(17) 24 l.f. existing corrugated metal pipe culverts removed, cleaned and salvaged;
(18) 20 each, culvert markers;
(19) 15 each, monuments complete in place.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Total bids follow:
(A) Basich Bros., Torrance..$43,555.00
(B) Oswald Bros., Los Angeles 49,393.50

Unit bids follow:

	(A)	(B)
(1)	$3.00	$2.40
(2)	.60	.72
(3)	2.00	2.10
(5)	.70	.68
(6)	.90	1.70
(7)	.70	1.30
(8)	20.00	5.00
(9)	16.00	25.00
(10)	22.00	24.00
(11)	18.00	17.00
(12)	30.00	50.00
(13)	4.00	5.40
(14)	.08	.10
(15)	40.00	52.50
(16)	.70	.90
(17)	.70	.90
(18)	3.00	3.00
(19)	5.00	4.50

BIDS WANTED

SAN FRANCISCO.—Until September 30, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,982, for furnishing and installing wood piles and excavating the Richardson Avenue approach to the Golden Gate Bridge in the Presidio. Estimated cost, $23,000.

The work involves:
(1) 33,275 l.f. wood piles, below cutoff;
(2) 2,395 c.y. excavation.

Plans and specifications obtainable from the office of City Engineer John Casey.

SANTA BARBARA CO., Calif.—Heafey-Moore Co., 344 High Street, Oakland, at $123,321.50 (Alt. A), submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and paving with asphalt concrete or natural asphalt concrete about 1.5 miles and constructing a reinforced concrete bridge between one mile north of Rincon Creek and Carpinteria.

No bids were received on Alternate B.

(1) 81 sta. clearing and grubbing right of way;

(2) 700 M. gals. water;
(3) 28,000 c.y. roadway excavation, without classification;
(4) 395,000 sta. yds. overhaul;
(5) 30 c.y. ditch and channel excavation;
(6) 710 c.y. struct. excavation;
(7) 870 c.y. existing concrete removed and disposed of;
(8) 81 sta. finishing roadway;
(9) 19,900 sq. yds. preparing subgrade;
(10) 304 tons liq. asphalt, SC-2 (shoulders and road approaches);
(11) 20,100 sq. yds. preparing, mixing and shaping shoulders and road approaches;
(12) 144,600 lbs. bar reinf. steel;
(13) 791 c.y. Class A Portland cement concrete (structures);
(14) 13.5 c.y. Class A Portland cement concrete (railing);
(15) 1,840 l.f. furnishing reinforced concrete piles, including test piles;
(16) 52 each, driving piles, including test piles;
(17) 175 lbs. copper strips;
(18) 520 tons paved gutters and aprons;
(19) 120 l.f. 8-in. corrugated metal pipe;
(20) 258 l.f. 18-in. corrugated metal pipe;
(21) 48 l.f. 30-in. corrugated metal pipe;
(22) 236 l.f. existing culverts removed, cleaned and relaid;
(23) 279 l.f. existing culverts removed, cleaned and salvaged;
(24) 7 each, spillway assemblies;
(25) 3 each, drop inlet covers and frames;
(26) 80 l.f. laminated guard railing;
(27) 15 each, culvert markers;
(28) 41 each, guide posts;
(29) 0.2 mile property fence;
(30) 1 each, drive gate;
(31) 0.5 mile moving and resetting existing property fences;
(32) 8,450 sq. yds. asphaltic paint binder;
(33) 1 lot, miscellaneous items of work;
(34) 17 each, monuments complete in place.

ALTERNATE ITEMS

Alternative "A"

(35) 7,230 tons asphalt concrete (base and leveling course);
(36) 3,280 tons asphalt concrete (Type "A" surface course).

Alternative "B"

(37) 7,230 tons natural asphalt concrete (base and leveling course);
(38) 3,280 tons natural asphalt concrete (surface course).

NOTE: Alternative "A" sets forth the necessary items for the construction of the pavement with asphalt concrete as set forth in the standard specifications. Alternative "B" sets forth the necessary items for paving the same area with natural asphalt concrete.

Total bids follow:

(A) Heafey-Moore Co., Oakland $123,321.50
(B) Oswald Bros., Los Angeles 130,411.00
(C) Southwest Paving Co., Inc., Roscoe 131,817.91

Unit bids follow:

	(A)	(B)	(C)
(1)	$25.00	$30.00	$15.00
(2)	2.00	2.50	2.00
(3)	.40	.50	.90
(4)	.01	.005	.005
(5)	2.00	1.50	1.25
(6)	1.50	1.50	1.25
(7)	3.00	2.50	2.50
(8)	10.00	6.00	5.00
(9)	.10	.15	.14
(10)	10.00	9.50	8.25
(11)	.10	.07	.08
(12)	.05	.06	.07
(13)	24.00	28.00	24.00
(14)	60.00	78.00	60.00
(15)	2.50	2.60	1.80
(16)	45.00	55.00	90.00
(17)	.50	.45	.38
(18)	4.00	5.70	5.80
(19)	2.25	1.25	2.00
(20)	2.75	2.20	3.20
(21)	4.50	4.00	4.52
(22)	1.00	.90	1.60
(23)	1.00	.50	1.05
(24)	20.00	20.00	20.00
(25)	60.00	50.00	50.00
(26)	1.50	2.00	1.60
(27)	3.00	2.75	1.95
(28)	3.00	2.50	1.95
(29)	600.00	750.00	640.00
(30)	20.00	25.00	24.00
(31)	500.00	600.00	500.00
(32)	.03	.03	.03
(33)	1,500.00	300.00	260.00
(34)	5.00	3.50	3.50
Sub-Total	$70,838.50	$76,713.00	$84,642.81
Alternate A			
(35)	4.90	5.00	4.37
(36)	5.20	5.35	4.75

BIDS OPENED

SACRAMENTO COUNTY, Cal.—J. A. Casson, 319 Warren St., Hayward, at $59,405.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.2 miles surfacing with bituminous treated surfacing and 4.1 miles surfacing with crusher run base in Sacramento Co. between H Street subway and Auburn Blvd.

The work involves:

(1) 22,000 tons crusher run base;
(2) 650 M. gals. water;
(3) 2550 tons mineral aggregate (bituminous treated surf.);
(4) 150 tons asphaltic emulsion (bituminous treated surf.);
(5) 10 tons asphaltic emulsion (paint binder and seal coat);
(6) 55 tons liquid asph. SC-2 (prime coat);
(7) 120 tons sand (seal coat and prime coat);
(8) 58 tons liquid asph. 90-95 (seal coat);
(9) 700 tons screenings (seal coat).

Total bids follow:

(A) J. A. Casson, Hayward, $59,405.
(B) Heafey-Moore Co., Oakland, $61-445.00.
(C) George Pollock, Sacramento, $63-795.00.
(D) A. Teichert & Son, Sacramento, $65,760.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$1.88	$2.00	$2.10	$2.20
(2)	2.00	2.00	1.50	2.50
(3)	3.50	3.50	3.40	3.25
(4)	20.00	15.00	18.00	18.00
(5)	20.00	25.00	23.00	25.00
(6)	12.00	20.00	18.00	15.00
(7)	3.00	3.00	3.50	3.00
(8)	20.00	20.00	20.00	18.50
(9)	3.00	3.00	3.50	3.20

BIDS OPENED

MONO COUNTY, Cal.—C. A. Baker 621 El Camino Ave. North Sacramento, at $8,358.40 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading about 2.4 miles between Bridgeport and 2.4 miles northerly in Mono County.

The work involves:

(1) 18,100 c.y. roadway excavation, unclassified;
(2) 7,600 c.y. imported borrow;
(3) 10,000 sta. yds. overhaul;
(4) 500 c.y. structure excavation;
(5) 150 c.y. excavation;
(6) 392 l.f. 24-in. CMP;
(7) 138 l.f. 36-in. CMP;
(8) 54 l.f. 48-in. CMP;
(9) 0.85 mi. remove and reset existing fence;
(10) 60 l.f. clean and salvage existing CMP culvert;
(11) 14 ea. culvert markers;
(12) 131 stations finish roadway;
(13) 20 each monuments.

NOTE: The State will furnish Corrugated Metal Pipe as more explicitly set forth in the special provision.

Total bids follow:

(A) C .A. Baker, North Sacramento, $8,358.40.
(B) Isbell Const. Co., Reno, $13,833.
(C) Basich Bros., Torrance, $14,050.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ .21	$ .40	$ .30
(2)	.27	.45	.60
(3)	.025	.02	.01
(4)	.80	1.50	1.50
(5)	.80	1.00	1.50
(6)	.70	.75	1.50
(7)	1.00	1.25	1.50
(8)	1.50	2.25	2.00
(9)	500.00	300.00	700.00
(10)	1.00	1.00	.75
(11)	3.00	3.00	3.00
(12)	5.00	8.00	10.00
(13)	3.00	4.00	4.00
			29

BIDS WANTED

HUMBOLDT CO., Nev.—Until Sept. 30, 2:30 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for the construction of a portion of the state highway system in Humboldt County, Route 8, Section A1, within the city of Winnemucca, a length of approximately 0.26 mile.

The work involves:

(1) 141 l.f. remove culvert pipe;
(2) 2 each, remove trees;
(3) 4,460 c.y. roadway excavation;
(4) 1,744 c.y. select borrow;
(5) 50 c.y. structure excavation;
(6) 0.26 mile finish roadway;
(7) 165 c.y. Class A concrete;
(8) 180 lbs. reinforcing steel;
(9) 132 l.f. 8-in. CMP;
(10) 146 l.f. 12-in. CMP;
(11) 3 ea., adjust water meter boxes;
(12) 1,500 lbs. castings.

The plans and specifications are obtainable from the office of the State Highway Engineer upon deposit of $5, of which amount $2.50 will be returnable, and on file at the office of the Bureau of Public Roads Federal Office Bldg., San Francisco.

30—RESERVOIRS & DAMS

COMPLETE BID LISTING

TUCUMCARI, N. M.—Bent Bros., Inc., 418 S. Pecan St., Los Angeles, and Griffith Co., 502 L. A. Railway Bldg., Los Angeles, bidding jointly, at $4,587,676.25, as previously reported, submitted low bid to the U. S. Engineer Office, Tucumcari, N.M., for construction of the main dam and wing dams of the Conchas Dam project located on the South Canadian River approximately 27 miles north of Newkirk, N. M. Work includes construction of a concrete gravity dam and two earth wing dams contiguous thereto.

The concrete gravity dam is to be approximately 220 ft. high and approximately 1250 ft. long. The wing dams consist of rolled earth embankments protected by rock fill slopes which will extend from the dam abutments to high ground. Earth dykes beyond the wing dams and an emergency spillway to be located in the north dyke will not be included in the work under the proposed contract.

Complete total bids follow:

Bent Bros. Inc., and Griffith Co., Los Angeles—$4,587,676.25.
The Kais Co., Las Vegas—$4,688,-037.40
W. E. Callahan Constr. Co., Los Angeles, and J. P. Shirley, Dallas, Texas—$4,787,368.60.
Walsh Constr. Co., Los Angeles—$4,-812,913.15.
Spillway Builders, Inc., Kansas City, Mo.—$4,819,516.40.

General Construction Co. and J. F. Shea Co., Inc., Seattle, Wash., and Los Angeles, Calif.—$4,830,000.
Utah Constr. Co., Ogden, Utah—$5,246,407.30.
Engineer's Estimate—$4,595,547.54.

BIDS WANTED

TRUCKEE STORAGE PROJECT.—Until September 30, 10 A. M., as previously reported, bids will be received by the Bureau of Reclamation, L. J. Foster, Construction Engineer, Reno, Nevada, under Spec. No. 696, for the construction of the Boca Dam.

Principal features involved in the construction are a dam across the Little Truckee River, a concrete-lined tunnel under the right abutment of the dam, through which the river will be diverted during the construction of the dam and in which the outlet works will be constructed, and an open-channel spillway at the left abutment of the dam. The dam will be approximately 1,650 ft. long at the crest and will have a maximum height of about 110 ft. The main body of the dam will consist of a moistened and rolled embankment of clay, sand, and gravel. The downstream slope of the earth embankment will be covered with a heavy rock fill. The upstream slope of the embankment above the beam at elevation 5,525 will be covered with a three-foot layer of rock riprap. The outlet tunnel between the trash-rack structure and the gate chamber will have a circular section 12 feet in diameter and will be about 412 feet long. The tunnel between the gate chamber and the needle-valve house at the outlet tunnel will have a wide horseshoe-shaped section 10-feet 6-inches in height and 14 feet in width and will be approximately 305 feet long. Two 4-foot by 4-foot high-pressure hydraulically-operated emergency gates will be installed in a tunnel plug over which the gate chamber will be located and from which two 50-inch diameter welded plate-steel outlet pipes installed in the downstream portion of the tunnel will lead to two 42-inch diameter balanced needle valves located in the needle-valve house. The gate control mechanism for the emergency gates will be located in the needle-valve house from which the control piping will run, through the tunnel, to the gate chamber. The spillway, in the left abutment of the dam, will be a concrete-lined open channel terminating in a concrete-lined spillway stilling basin, and will have a total length of approximately 555 feet. The spillway will be controlled by two radial gates each 19 feet long and 16 feet high, installed at the crest of the spillway. Provision will be made for a roadway on the crest of the dam and across the spillway gate-structure.

Bids will be taken as follows:

(1) Lump sum, diversion and care of river during construction and unwatering foundations;
(2) 65,000 c.y. excavation, stripping borrow pits;
(3) 160,000 c.y. excavation, common, stripping for embankment;
(4) 56,000 c.y. excavation, common, for spillway and for tunnel inlet and outlet;
(5) 19,500 c.y. excavation, rock, for spillway and for tunnel inlet and outlet;
(6) 5,000 c.y. excavation, all classes, in outlet tunnel;
(7) 11,000 c.y. excavation, common, for embankment toe drains and for cut-off trenches with sloping sides;
(8) 300 c.y. excavation, rock, for embankment toe drains and for cut-off trenches with sloping sides;
(9) 300 c.y. excavation, common, for cut-off walls in trenches with vertical sides;
(10) 600 c.y. excavation, rock, for concrete cut-off wall footings and for cut-off walls in trenches with vertical sides;
(11) 1,000,000 c.y. excavation, common, in borrow pits and transportation to embankment;
(12) 110,000 c.y. excavation, rock, in borrow pits and transportation to embankment and spillway;
(13) 5,600 c.y. backfill;
(14) 870,000 c.y. earth fill in embankment;
(15) 115,000 c.y. rock fill on downstream slope for embankment;
(16) 31,000 c.y. riprap on upstream slope of embankment and inlet channel to spillway;
(17) 1,200 c.y. dumped riprap in spillway channel;
(18) 600 c.y. screened gravel under spillway floor;
(19) 700 l.f. constructing 12" diam. sewer-pipe drains with uncemented joints, embedded in gravel;
(20) 2,300 l.f. constructing 8" diam. sewer-pipe drains with uncemented joints, embedded in gravel;
(21) 1,800 l.f. constructing 6" diam. sewer-pipe drains with uncemented joints, embedded in gravel;
(22) 50 l.f. constructing 4" diam. sewer-pipe drains with uncemented joints, embedded in porous concrete;
(23) 350 l.f. drilling weep holes;
(24) 2,700 l.f. drilling grout holes not more than 25 ft. deep;
(25) 1,800 l.f. drilling grout holes more than 25 ft. deep and not more than 50 ft. deep;
(26) 2,000 l.f. drilling grout holes more than 50 ft. deep and not more than 100 ft. deep;
(27) 1,900 lbs. installing grout pipe and fittings;
(28) 6,200 c.f. pressure grouting;
(29) 1,500 l.f. drilling holes for anchor bars and grouting bars in place;
(30) 1,300 c.y. concrete in cut-off walls in trenches with sloping sides;
(31) 250 c.y. concrete in cut-off walls in trenches with vertical sides;
(32) 110 c.y. concrete in trash-rack structure and transition;
(33) 1,400 c.y. concrete in tunnel lining;
(34) 400 c.y. concrete in gate chamber;
(35) 1,680 c.y. concrete in floors of spillway and outlet works channels;
(36) 2,330 c.y. concrete in spillway and outlet works channels, except floors;
(37) 200 c.y. concrete in substructure of needle-valve house;
(38) 55 c.y. concrete in superstructure of needle-valve house;
(39) 630 c.y. concrete in parapet and curb walls;
(40) 670,000 lbs. placing reinforcement bars;
(41) 600 l.f. installing metal sealing strips;
(42) 16,000 lbs. furnishing and installing steel tunnel-liner plates;
(43) 2,000 sq. yds. special finishing of concrete surfaces;
(44) Lump sum, construction of needle-valve house, except concrete;
(45) 28,000 lbs. installing trash-rack metalwork;
(46) 95,000 lbs. installing high-pressure hydraulically-operated slide gates and metal conduit linings;
(47) 8,000 lbs. installing control apparatus for high-pressure slide gates;
(48) 150,000 lbs. installing outlet pipes;
(49) 48,000 lbs. installing needle valves;
(50) 40,000 lbs. installing radial gates and operating mechanisms;
(51) 16,000 lbs. installing metal stairways, walkways, and gratings;
(52) 4,500 lbs. installing pipe handrails;
(53) 9,000 lbs. installing miscellaneous metalwork;
(54) 3,300 l.f. installing electrical metal conduit 1½" or less in diameter;
(55) Lump sum, installing electrical conductors, ground wires, and apparatus.

Work shall be commenced within 30 calendar days and completed within 800 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Reno, Nevada; Denver, Colorado; or Washington, D. C., without charge to prospective bona fide bidders; to others, $2 per copy not returnable. A set of plans and specifications is on file at the office of the DAILY PACIFIC BUILDER and may be examined by interested persons. * 30

AGREEMENT APPROVED

EUREKA, Humboldt Co., Cal.—The Eureka City Council has approved an agreement with the T. E. Connolly-Hanrahan Company establishing unit prices for extra work on the headworks unit of the Mad River Dam. The agreement will not be effective until approved by the State dam engineer and the PWA.

C. C. Kennedy, 74 New Montgomery St., San Francisco, project engineer. Evan D. Gardner, city engineer. *

LOW BIDDER

TUCUMCARI, N. M.—Bent Bros., Inc., 418 S. Pecan St., Los Angeles, and Griffith Co., 502 L. A. Railway Bldg., Los Angeles, bidding jointly, at $4,587,676.25 submitted the apparent low bid received by the U. S. Engineer Office, Tucumcari, N. M., for construction of the main dam and wing dams of the Conchas Dam project located on the South Canadian River approximately 27 miles north of Newkirk, N. M. Work includes construction of a concrete gravity dam and two earth wing dams contiguous thereto.

The concrete gravity dam is to be approximately 220 ft. high and approximately 1250 ft. long. The wing dams consist of rolled earth embankments protected by rock fill slopes which will extend from the dam abutments to high ground. Earth dykes beyond the wing dams and an emergency spillway to be located in the north dyke will not be included in the work under the proposed contract.

Capt. Hansa Kramer, District Engineer.

Complete bids will be published shortly.

NO BIDS RECEIVED

PROVO RIVER PROJECT, Utah.—No bids were received by the Bureau of Reclamation, Federal Bldg., Salt Lake City, under Spec. No. 829-D, for excavation for investigation of the Deer Creek dam site, Provo River Project, about 15 miles northeast of Provo.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

HICKAM FIELD, T. H.—As previously reported, bids will be received until September 29, 1:30 p.m., P.S.T., by the Constructing Quartermaster, Fort Mason, and until 11 a.m., H. S. T., by the Purchasing & Contracting Officer, Hickam Field, T. H., under Bid No. W 397-37-5, for the construction of a sanitary sewer

system, together with sewage pumping plants, buildings and outfall lines at Hickam Field, Fort Kamehameha, T. H. Captain H. B. Nurse, Constructing Quartermaster, Hickam Field.

Bids will be taken as follows:

(I)—Construction complete of the sanitary sewer system, four pump houses, buildings, etc.

(II)—(Alt.) Deduct if all pumping equipment in Pumping Stations Nos. 2 and 4 is omitted.

(III)—(Alt.) Add or deduct if concrete manholes are built in lieu of brick manholes.

(IV)—(Alt.) Add or deduct if asbestos-cement pipe is used in lieu of cast-iron pipe.

(V)—(Alt.) Add or deduct if centrifugally cast, reinforced concrete pipe is used in lieu of cast-iron pipe.

(VI)—Unit prices, to be used as a basis in making additions to, or deductions from, the contract price provided any deviation from the drawings and specifications is made.

(1) Excavation per c.y., general, unclassified;
(2) Backfill per c.y., compacted;
(3) 12-in. cast-iron pipe, per l.f.;
(4) 12-in. asbestos-cement pipe, per l.f.;
(5) 12-in. concrete pipe, per l.f.
(6) 10-in. cast-iron pipe, per l.f.;
(7) 10-in. asbestos-cement pipe, per l.f.;
(8) 10-in. concrete pipe, per l.f.;
(9) 18-in. vitrified clay pipe, per l.f.;
(10) 15-in. do.;
(11) 12-in. do.;
(12) 10-in. do.;
(13) 8-in. do.;
(14) 6-in. do.;
(15) Cast-iron specials, per lb.;
(16) Brick, common cement, per M.;
(17) Concrete, Type A, including forms, per c.y.;
(18) Concrete, Type B, per c.y.;
(19) Reinforcing steel, per ton;
(20) Manhole castings, per lb.;
(21) Brick manholes, complete, 5-ft. deep, each;
(22) Brick manholes, over 5 ft. deep, per ft. of depth;
(23) Concrete manholes, 5 ft. deep, each;
(24) Concrete manholes, over 5 ft. deep, per ft. of depth.

NOTE: Pipe specials for vitrified clay and concrete pipe will be paid for at twice the price per length of pipe.

Plans and specifications obtainable from the above office upon deposit of a certified check payable to the Finance Officer, Fort Mason, or to the Finance Officer, Fort Shafter, T. H., if obtained at Hickam Field. 32

FUNDS GRANTED

EUREKA, Humboldt Co., Calif.—A grant of $22,606 to the City of Eureka to assist in financing construction of sanitary outfall sewers in Washington St. from Broadway to the Government bulkhead has been approved by the PWA. Total cost of the project is estimated at $50,-235.

A bond issue of $40,000 was approved June 22.

Evan D. Gardner, city engineer.

FUNDS GRANTED

SAN FRANCISCO.—The PWA has approved a grant of $76,500 to the City of San Francisco to aid in construction of the second unit of the Alemany Sewer, estimated to cost $170,000.

John Casey, city engineer.

33— WATER WORKS

BIDS WANTED

NORTH LAS VEGAS, Nevada.—Until Sept. 29, 2 p.m., bids will be received by the board of county commissioners of Clark County, acting as a town board for the Town of North Las Vegas, Clark County, Nevada, at its office in the Court House, Las Vegas, for the construction of the North Las Vegas waterworks project, a PWA job, in accordance with plans and specifications which may be obtained at the office of the engineer, C. D. Baker, Title Insurance Bldg., 115 S. 4th St., Las Vegas, Nev., upon deposit of $5. Certified or cashier's check or surety bid bond for 5% must accompany each project. Lloyd S. Payne, county clerk and ex-officio clerk of the board of county commissioners, acting for the Town of North Las Vegas. The PWA has allocated to this work a grant of $15,545 and loan of $19,000, the latter to be financed by a bond issue.

PREPARING PLANS

STOCKTON, San Joaquin Co., Cal.—State Architect George B. McDougall, Public Works Bldg., Sacramento, is preparing plans and specifications for well and pump water supply system improvements at the Stockton State Hospital. Estimated cost, $8,000.

PREPARING PLANS

SACRAMENTO CO., Calif.—Captain A. W. Parker, constructing quartermaster, Post Office Terminal Building, Fifth and I Streets, Sacramento, is preparing plans and specifications for drilling wells and installing water system at the Sacramento Supply and Repair Base of the Army Air Corps. Work probably will be ready for contracting within 90 days.

AWARD RECOMMENDED

LONG BEACH, Calif.—California Pipe & Supply Co. has been recommended for award of contract by R. M. Dorton, Long Beach city manager, for furnishing 125,000 ft. grade A plain and seamless steel pipe in random lengths from 18 to 22 ft. The items were:

(1) 30,000 ft. 1-in. plain end line pipe;
(2) 30,000 ft. 1¼-in. plain end line pipe;
(3) 10,000 ft. 2-in. plain end line pipe;
(4) 40,000 ft. 3-in. plain end line pipe;
(5) 5,000 ft. 4-in. plain end line pipe;
(6) 10,000 ft. 6-in. plain end line pipe.

The bids were:

Petroleum Equipment Co. (mill value, freight not included)—(1) $1,-826; (2) $2484; (3) $1387; (4) $10,-556; (5) $1716.50; (6) $6048; discount, 2%.

California Pipe & Supply Co.—(1) $2190; (2) $2961; (3) $1644; (4) $12,-680; (5) $2095.50; (6) $7382; discount, 2½%.

Nine identical bids were submitted by Crane Co., Santa Fe Pipe & Supply Co., Grinnell Co. of the Pacific, A. M. Castle & Co., Hickey Pipe & Supply Co., National Supply Co., Oil Well Supply Co., Republic Supply Co. and Midway Supply Co. at (1) $2190; (2) $2961; (3) $1644; (4) $12,680; (5) $2095.50; (6) $7382; discount, 2%.

CONTRACTS AWARDED

VALLEJO, Solano Co., Calif.—U. S. Pipe and Foundry Corp., Monadnock Bldg., San Francisco, at $3,-652.60 for Schedule A, and the Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco, at $2,-972.50 for Schedule B, and at $980.50 for Schedule C, awarded contracts by the Vallejo City Council for furnishing cast-iron bell and spigot water pipe, f.o.b. City Corporation Yard, Virginia and Colusa Streets.

Complete bids published September 10th. T. . Kilkenny, City Engineer.

FUNDS ALLOTTED

ATWATER, Merced Co., Cal.—The PWA has allotted a grant of $35,182 to the City of Atwater to aid in financing a municipal waterworks system estimated to cost $78,172. A bond issue of $50,000 was approved Dec. 3, 1935.

Work will involve construction of about 8.2 miles of pipe line, a 75,000-gallon tank, and two pumps with 50-h.p. motors.

W. E. Bedesen, 135 21st St., Merced, city engineer.

BIDS WANTED

SAN FRANCISCO.—Until September 24, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under S. F. W. D. Spec. No. 125, for laying 6-in. and 12-in. cast-iron mains in University Terrace.

The work involves:

(1) 4,150 l.f. excavation and backfill for trench, 17x36 inches;
(2) 49 c.y. additional excavation and backfill;
(3) 20 sq. ft. additional pavement removal and replacement;
(4a) 2,450 l.f. installation of 6-in. bell and spigot cast-iron pipe;
(4b) 1,700 l.f. installation of 2-in. bell and spigot cast-iron pipe;
(5) 4,925 lbs. installation of fittings, etc.;
(6) 675 l.f. making joints, bell and spigot;
(7a) 200 sq. ft. asphaltic concrete repavement;
(7b) 450 sq. ft. sidewalk repavement;
(8) Lump sum, pipe and service connections.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason St., upon deposit of $10.

BIDS WANTED

SAN FRANCISCO.—Until September 24, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under S. F. W. D. Spec. No. 126, for laying 8-in. cast-iron mains in Hunter's Point and Golden Gate Heights Districts.

The work involves:

(1) 3,020 l.f. excavation and backfill for trench, 17x16 inches;
(2) 40 c.y. additional excavation and backfill;
(3) 50 c.y. additional pavement removal and replacement;
(4) 3,020 l.f. installation of pipe, 8-in. bell and spigot, cast iron;
(5) 3,750 lbs. installation of fittings, etc.
(6) 475 l.f. making joints, bell and spigot;
(7) 3,075 sq. ft. repavement;
(8) Lump sum, pipe and service connections.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason Street, upon deposit of $10.

34— PARKS AND PLAYGROUNDS

September 14, 1936.

BIDS WANTED

TURLOCK, Stanislaus Co., Calif.—Until September 28, 10 a.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting at the U. S. Post Office, Turlock.

Specification may be obtained from above office and from the Custodian of the Building, Turlock. 34

CONTRACT AWARDED

HOLLYWOOD, Los Angeles Co., Calif.—City Wide Lawn Service Co., Inglewood, at $496 awarded contract by Treasury Department for seeding and planting at the U. S. Post Office, Hollywood.

September 17, 1936

BID OPENING POSTPONED

PHOENIX, Ariz.—Until Sept. 28, 10 A. M. (date postponed from Sept. 18) bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting at the U. S. post office at Phoenix. 34

35— TUNNELS

September 14, 1936.

BIDS WANTED

WASHINGTON COUNTY, Utah.—Until September 22, 10 A. M., bids will be received by the Bureau of Public Roads, B. J. Finch, District Engineer, Federal Building, Ogden, Utah, for tunnel lining or improving 1.155 miles of the East Rim Road, Project 1-A2 and 3, Zion National Park, Washington County, Utah.

The principal items of work involved are:

(1) 270 c.y. gallery excavation;
(2) 3,298 l.f. tunnel enlargement;
(3) 465 l.f. removal of timber tunnel lining;
(4) 1,644 l.f. Type A tunnel lining;
(5) 750 c.y. concrete in Type B lining;
(6) 520 c.y. concrete in galleries;
(7) 252 l.f. concrete in Type C lining;
(8) 468 c.y. concrete in Type D lining;
(9) 114,620 lbs. structural steel;
(10) 567,400 lbs. reinforcing steel;
(11) 155 l.f. remove concrete curb;
(12) 155 l.f. concrete curb;
(13) 530 c.y. gunite;
(14) 500 c.y. sand backfill;
(15) Extra work, repacking.

Plans and specifications obtainable from the above office upon deposit of $10. 35

NO BIDS RECEIVED

ALAMEDA-CONTRA COSTA COS.—No bids were received by the Directors of Joint Highway District No. 13, Wallace B. Boggs, Chief Engineer, Oakland, for completion of the Broadway Low-Level Tunnel.

Directors of the District are meeting with the Bureau of Public Roads to determine what action will be taken. The district has $1,600,000 available for completion of the work.

The original tunnel contract was abandoned June 13 by Six Companies of California, Inc., with work about 70 per cent completed. The contract was let May 29, 1934, on a bid price of $3,683,931. Progress payments to the date of abandonment totaled $2,170,000.

The north bore of the 2910-foot twin tunnels has been excavated a distance of 1844 feet from the west portal and 80 feet from the east portal, leaving 953 feet to finish. The south bore has been excavated 2426 feet from the west portal and 80 feet from the east portal. Concrete lining has been completed to within 150 feet of the headings in the west portion of each tunnel.

Portal buildings are 90 per cent complete and mechanical work 50 per cent.

The project is being financed with a bond issue of Joint Highway District No. 13 and a grant of 30 per cent of the cost of labor and materials from PWA. • 35

LOS ANGELES CO.—18.7 MI. PAVE. WIDENING—(State)

LOS ANGELES CO., Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $249,803, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for widening with Portland cement concrete pavement about 18.7 miles between Monterey Park and Pomona, Los Angeles County.

The work involves:

(1) 2,800 M. gals water;
(2) 48,000 cu. yds. rdwy. excav. without class.;
(3) 50 cu. yds. struct. excav.;
(4) 825 cu. yds. ditch and channel excav.;
(5) 111,700 sq. yds. subgrade for pavement;
(6) 45,500 sq. yds. subgrade blending;
(7) 6,400 cu. yds. blending material;
(8) 14,000 tons imported subgrade material;
(9) 987 sta. finishing rdwy.;
(10) 12,800 tons mineral aggregate (plant-mixed surf.);
(11) 675 tons liq. asphalt SC-4 (plant-mix surf.);
(12) 82 tons liq. asphalt SC-2 (prime coat);
(13) 23,250 cu. yds. class A Port. cem. conc. (pavement);
(14) 85,000 lbs. bar reinf. steel (pavement and struct.);
(15) 48,000 each pavement dowels;
(16) 11 cu. yds. class A Port. cement conc. (struct.);
(17) 16 lin. ft. 30-in. CMP;
(18) 20 lin. ft. 36-in. CMP;
(19) 510 each guide posts;
(20) 250 each exist. guide posts to be moved and reset;
(21) 7 each pavement crossing devices, Type C-10, single lane;
(22) 5 each pavement crossing devices, Type C-10, double lane.

Total bids follow:

(A) Griffith Co.—$249,803.
(B) David H. Ryan, San Diego—$261,618.50.
(C) Oswald Bros., Los Angeles—$267,670.
(D) Gogo & Rados, Los Angeles—$274,750.75.
(E) Basich Bros., Torrance—$283,576.
(F) J. E. Haddock, Ltd., Pasadena—$288,422.50.
(G) United Concrete Pipe Corp., Los Angeles—$294,639.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 1.50	$ 1.50	$ 1.80	$ 2.00	$ .60	$ 2.00	$ 1.37
(2)	.45	.50	.52	.46	.60	.70	.70
(3)	1.75	1.50	1.25	1.00	1.00	2.00	1.00
(4)	.60	1.00	.60	.75	.70	1.50	.50
(5)	.10	.11	.10	.09	.09	.11	.15
(6)	.08	.10	.075	.08	.06	.05	.04
(7)	.85	.60	.62	.65	.60	.70	.65
(8)	.90	1.00	1.15	1.05	.60	1.00	.70
(9)	3.00	9.00	4.00	4.00	10.00	10.00	6.00
(10)	1.65	1.80	2.30	2.35	3.00	2.16	2.22
(11)	12.00	9.00	9.00	10.00	14.00	10.00	12.50
(12)	15.00	15.00	10.00	15.00	10.00	9.00	15.00
(13)	6.15	6.25	6.40	6.76	6.75	6.60	7.10
(14)	.065	.065	.065	.07	.05	.085	.06
(15)	.13	.10	.105	.11	.05	.12	.06
(16)	30.00	30.00	25.00	20.00	20.00	30.00	30.00
(17)	3.25	4.00	3.50	6.00	4.50	3.25	5.00
(18)	5.00	6.00	5.00	7.50	4.80	4.75	8.00
(19)	1.75	1.50	1.80	2.50	2.00	2.50	2.00
(20)	1.75	1.00	1.20	1.00	1.00	2.00	1.50
(21)	35.00	50.00	70.00	100.00	25.00	75.00	150.00
(22)	70.00	100.00	135.00	150.00	25.00	125.00	250.00

SALT RIVER PROJECT—DIVERSION DAM.—(Govt.

SALT RIVER PROJECT, Arizona.—Daley Corp., 4430 Boundary St., San Diego, at $82,935, as previously reported, submitted low bid to the Bureau of Reclamation, E. S. Koppner, Engineer, Producer Bldg., Phoenix, for constructing a diversion dam for the power canal, Salt River project. The work is located about 20 miles northwest of Globe, Arizona.

The work involves:

(1) Diversion and care of river during construction and unwatering foundations, lump sum;
(2) 27,000 cu. yds. excavation, all classes for structures;
(3) 9,000 cu. yds. excavation in borrow pits, and transportation to embankment;
(4) 1,200 cu. yds. excavation of old concrete;
(5) 6,500 cu. yds. backfill;
(6) 7,000 cu. yds. earth fill in embankment;
(7) 5,800 cu. yds. riprap;
(8) 900 lin. ft. drilling holes for anchor bars and grouting bars in place;
(9) 4,100 cu. yds. concrete;
(10) 250,000 lbs. placing reinforcement bars.

Total bids follow:

(A) Daley Corp., San Diego, $82,935.
(B) Tiffany Constr. Co., Phoenix, $108,100.
(C) Pearson & Dickerson Contr., Inc., Prescott, $112,650.50.
(D) T. A. Allen Constr. Co., Los Angeles, $113,283.00.
(E) N. G. Hill & Co., Phoenix, $138,900.00.
(F) Case Constr. Co., Bent Bros., Inc., and L. E. Dixon Co., Los Angeles, $154,470.00.
(G) Pleasant-Hasler Constr. Co., Phoenix, $155,770.00.
(H) Morrison-Knudsen Co., Inc., Los Angeles, $187,225.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	4,100.00	3,000.00	13,750.00	5,550.00	2,000.00	5,000.00	7,260.00	15,000.00
(2)	.33	.55	.70	.30	1.00	1.50	.80	2.00
(3)	.24	.40	.28	.33	.30	.30	.72	.50
(4)	4.20	3.00	4.20	5.10	10.00	6.10	7.00	6.00
(5)	.40	.30	.525	.37	.40	.40	.90	.50
(6)	.30	.40	.525	.21	.40	.30	.90	.20
(7)	2.30	3.00	2.80	1.90	3.00	3.00	3.60	3.00
(8)	1.50	1.00	.77	1.00	2.00	1.00	1.00	1.75
(9)	9.35	12.50	11.20	17.53	16.00	17.00	18.00	19.00
(10)	.02	.035	.01	.0115	.02	.025	.02	.02

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Calif.—Until Sept. 22, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-83, for furnishing 1,000 FBM Douglas fir lumber; 100 lbs. common nails, 81 tons crushed rock, 12 tone river sand, 21 bbls. Portland cement, 110 tons of crusher run base binder rock, 14 tons clean screenings, 1,000 gals. emulsion asphalt, and 50 tons of natural rock asphalt.

Specifications obtainable from the above office.

FORT PECK, Montana. — Until September 25, bids will be received by the U. S. Engineer Office, Postal Telegraph Bldg., Kansas City, Mo., under Circular No. 3, for furnishing 761,000 lbs. wrought iron trash racks for the Fort Peck Tunnel intake structures.

Specifications obtainable from the above office.

FORT MASON.—Until September 25, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-78, for furnishing wood boxes and slack pine barrels, etc.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until September 21, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-35, for the lease of one Diesel-powered towboat, with operator, subject to call when required, for use in towing barges between San Francisco and Rio Vista and in the Bay area.

The lease wil lbe executed for a period of 6 months, with an extension privilege for a like period of time.

Specifications obtainable from the above office.

CALIFORNIA STATE

REDDING, Shasta Co., Cal.—Until Sept. 28 bids will be received by G. E. Siebert, Supt. of Equipment, Shop 2, Division of Highways, Redding, for the sale of the following equipment:

CHC 4434 Truck, 1½-ton capacity, Chevrolet Chassis, Model 1933;
CHC 4467 Automobile, Ford Tudor Sedan, Model 1933;
CHC 4767 Truck, 1½-ton capacity, Ford Chassis, Model BB46, 1933;
CHC 72 Compressor, Ingersoll-Rand, portable, 310 c.f. cap., on running gear;
CHC 41 Plow, for snow, Rotary Snow King, Model 747 C. B. for use with truck;
CHC 81 Plow, for snow; Rotary Snow King Model 830, with revolving chutes, complete;
CHC 457 Tractor, Caterpillar 30, with street plates.

All of the equipment may be inspected at the Division of Highways' Yards at Redding from 7:30 A. M. to 4:30 P. M. on any working day.

RECLAMATION SERVICE

ALL - AMERICAN CANAL.—Until October 2, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 836-D, for furnishing and delivering fob the cars at shipping point and/or Potholes, Calif., the trash-rack metalwork for the Gila Valley Canal headworks at the Imperial Dam, All-American Canal System.

The trash-rack metalwork will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bonda fide bidders; to others, $0.75, not returnable.

SALT RIVER PROJ., Ariz.—Until October 1, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 835-D, for furnishing and delivering fob cars at shipping point and/or Mesa, Ariz., nine motor-driven, worm-gear, reduction units and nine sets of miscellaneous parts for alterations to radial-gate hoists; materials for alterations to nine radial gates; and spiral stairways for the spillways at the Horse Mesa Dam, Salt River Project.

All materials and equipment will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bonda fide bidders; to others, $1.75, not returnable.

Visalia School District

VISALIA, Tulare Co., Calif.—Until September 28, 8 p.m., bids will be received by E. E. Baker, Clerk, Visalia Union High School District, for furnishing six chemistry tables, each to be 12 feet long and of standard width to be placed in line with stone sink, etc., and one instructor's table, to be equipped with electrical convenience outlet in rail over knee space and shall have hot and cold water faucets.

SACRAMENTO COUNTY

SACRAMENTO, Sacramento Co., Calif.—Until September 21, 10 a.m., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento, for furnishing 3,000 tons cementing road rock f.o.b. county trucks on Sutter Island along Sutter Slough.

Specifications obtainable from the office of County Engineer John Rooney.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

LUMBER, Balsa, lignum-vitae and mahagony; East and West Yards. Sch. 8704; Sept. 22.
LUMBER, box and crate; East and West Yards. Sch. 8702; Sept. 22.
VALVES, steel; East and West Yards. Sch. 8735; Sept. 15.
MACHINES, electrically operated vegetable peeling; East and West Yards. Sch. 8742; Sept. 22.
GAS, dichlorodifluoromethane; Mare Island. Sch. 900-9976; Sept. 25.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

WASHINGTON, D. C.—Until Sept. 22, bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., under Schedule No. 8754, for furnishing one motor-driven engine lathe; fob San Diego.

Information obtainable from above office and from Headquarters, 12th Naval District, Federal Office Bldg San Francisco.

MET. WATER DISTRICT

LOS ANGELES, Calif.—Until Oct. 15, 10 A. M., bids will be received by the Metropolitan Water District, 306 West Third St., Los Angeles, for furnishing oil circuit breakers for the main pumping plants of the Colorado River Aqueduct. Specifications 169 The oil circuit breakers and appurtenances to be furnished have been grouped in the bidding sheet under four items as shown in the list below. Bids may be submitted for item 1 only or for items 2, 3 and 4 only, but items 2, 3 and 4 will not be awarded separately from one another. The list follows:

(1) 4 3-pole breakers, 230,000 volts, 1200 amperes;
(2) 16 3-pole breakers, 15,000 volts, 1200 amperes;
(3) 9 3-pole breakers, 15,000 volts, 600 amperes;
(4) 5 trucks.

Specifications may be obtained at room 1007, 306 West Third St., upon payment of $2 per set, not returnable. Certified or cashier's check for amounts as shown below must accompany each proposal. With item (1) a guaranty of $20,000 will be required, and with items 2, 3, and 4, $7500. F. E. Weymouth, General Manager and Chief Engineer. J. M. Gaylord, Chief Electrical Engineer.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until September 25, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1646, for furnishing 3,000 ft. of 3-in., and 3,000 ft. of 2-in., open bell cast-iron pipe for the Water Department.

Specifications obtainable from the above office.

RECLAMATION BUREAU

SHOSHONE PROJECT, Wyoming. Until September 22, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 833-D, for furnishing and delivering f.o.b. cars at the shipping point and/or cars at Cody, Wyoming, three 200 kv-a, single phase, 60-cycle, 33,000 to 2,400-volt transformers for the construction substation, Heart Mountain Division, Shoshone Project, Wyoming.

The apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

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IN THIS ISSUE

PWA Grants to Release $6,668,000 Work

University Mound Reservoir Bids Oct. 15

Building Permits, Advance Reports of Building and Engineering Projects

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BIDS OCT. 15 TO COMPLETE S. F. RESERVOIR

Utilities To Contract Lining and Roofing Storage Basin

A call for bids to be opened October 15 was issued yesterday by the San Franicsco Public Utilities Commission for constructing the concrete lining, roof and control works for University Mound Reservoir, to be financed in part with PWA funds.

Contractors may submit bids on two alternate propositions. Proposition A calls for the use of lightweight aggregate in the concrete for girders, joists and roof slab, and natural concrete for all other work. Proposition B requires the use of natural concrete throughout.

The reservoir is located in the area bounded by Bacon, University, Bowdoin and Woolsey Streets.

The contract calls for preparing the bottom surface and trimming the inner slopes and crest of the existing excavated reservoir basin; placing the concrete lining; constructing the concrete roof, inlet-and-outlet conduit and tower, spillway, and elevated sidewalk structure on Bacon Street; furnishing and installing slide gates, flap gate and special castings in the tower; and furnishing and installing a traveling water screen complete with pumps, piping and electrical equipment.

Other work to be done includes: furnishing and installing welded steel pipe and concrete pipe with certain appurtenances; installing certain valves, piping and fittings furnished by the city, regrading and paving Bacon Street, and constructing woven-wire fence around the reservoir.

The reservoir will be 745 feet wide and 722 feet long and will provide storage space for 83,000,000 gallons of water.

The contract for excavation of the reservoir was completed in August, 1935, for Granfield-Farrar & Carlin at the contract price of $95-500. Principal items were: 415,000 cubic yards excavation and 178,000 cubic yards excavation for embankment.

J. F. KNAPP LOW ON ORANGE JOB

(SPECIAL TO DAILY PACIFIC BUILDER)

LOS ANGELES, Sept. 24.—J. F. Knapp, Oakland, today submitted the low bid here to the State Division of Highways for constructing a reinforced concrete girder bridge on Ocean Avenue at the Santa Ana River in Orange County. His bid was $66,575. Byerts & Dunn, Los Angeles, at $71,841 submitted second low bid. Other low bids on today's openings were: John Strona, Pomona, at $108,890 for a reinforced concrete bridge over San Gabriel River, near Santa Fe Springs; R. E. Hazard & Sons, San Diego at $32,911 for grading and surfacing 2.8 miles in San Diego County.

Ben Gerwick Low On Foundation Work for Pier 19

Ben C. Gerwick, Inc. was the low bidder yesterday at $406,100 for constructing the substructure of the new Pier 19 to be erected at the foot of Filbert Street for the State Board of Harbor Commissioners. The contract includes demolition of the existing structure, furnishing and driving piling and placing 24,000 tons of rock.

Following are the bids received:

Ben C. Gerwick, Inc.	$406,100
A. W. Kitchen	418,727
Healy-Tibbitts Const. Co.	426,800
Clinton Construction Co.	429,900
Duncanson-Harrelson Co.	452,383
MacDonald & Kahn Co.	528,200

Award of a contract to the low bidder was recommended to PWA by the harbor board. This is the first contract to be let in the PWA-aided program for replacing Piers 9 and 19 with modern structures. The board issued a call for bids for the substructure contract on Pier 9, located at the foot of Vallejo Street, to be opened October 8.

Cost of replacement of the two piers is estimated at $1,500,000, of which PWA is providing 45 per cent of the cost of labor and materials.

PWA APPROVES NEW PROJECTS TO COST $297,000

Additional Grants Raise State Share In New Program To $6,668,000

PWA grants to thirteen additional projects in California were announced yesterday by State Director A. D. Wilder on authority of a telegram from Assistant PWA Administrator Horatio B. Hackett. The projects include five in Northern California on which an estimated $297,000 is to be expended.

Yesterday's list of grants brings the number of approvals for the state since the first of July to 51, according to Mr. Wilder. The total allocated to these projects, including grants and one loan of $16-000 is $2,981,946. They have a total estimated cost of $6,668,611.

Taft school district received the largest share of the Northern California allotments approved yesterday. Grants were made to two building projects, one for reconstruction of the north and south wings of the high school to cost $118,000, and one for constructing a two-story reinforced concrete addition to the administration building to cost $47,500. Plans for both jobs are being prepared by the office of William H. and Harold Weeks, San Francisco.

An allotment of $37,800 was given toward an $80,000 building project at the Tulare-Kings tubercular sanitarium, maintained in Springville, Tulare County, by the two counties. It will be used for a frame and stucco ward building for which plans are being completed by Architect Ernest J. Kump, Fresno.

A grant was approved toward a $22,000 elementary school building for the Terminus School District in San Joaquin County. Architect E. G. Ernst, Stockton, is preparing plans for the building, which will contain four classrooms and an activity room.

Tulelake School District in Siskiyou County received a loan of $16,000 and a grant of the balance of the cost of a building estimated at $29,100, for which plans are being prepared by Architect Howard Perrin, Klamath Falls.

STEEL SHOPS LEAD INCREASE IN EMPLOYMENT

State's Monthly Labor Survey Measures Industrial Gains

Structural and ornamental steel shops in California reported a 95 per cent gain in total weekly payrolls during August in comparison with the same month a year ago, according to the monthly survey by the State Division of Labor Statistics. This group led all industries directly connected with the construction industry in employment gains.

Shops reporting to the states were employing 2956 workers last month, a gain of 75 per cent over the number on payrolls in August 1935. The total weekly payroll was $81,274, a gain of 95 per cent and the average weekly earnings $27.-49, a gain of 11 per cent.

Planing mills and sash and door factories were employing 5,844 workers in August, a gain of 9 per cent; weekly payrolls totalled $145-518, a gain of 13 per cent; average earnings were $24.90, a gain of 4 per cent.

The lime, cement and plaster producers reported a gain of 10 per cent in employment; 26 per cent in payrolls and 15 per cent in weekly earnings.

Brick, tile and pottery group increases were 21 per cent in employees; 31 per cent in payrolls; 8 per cent in weekly earnings.

Miscllaneous sheet metal product shops gains as follows: employees 25 per cent; weekly payrolls, 45 per cent; average earnings, 16 per cent.

The increases in these groups of industries all were above the average improvement shown in reports from 1,725 representative manufacturing establishments. The total increase in employment from August 1935 was 7 per cent; 12 per cent in total payrolls; 5 per cent in average earnings.

In August, 1936, the average number of hours worked per week, in manufacturing establishments throughout the state, was 40.7; the average hourly rate of pay was 62 cents, and the average weekly earnings per employee were $24.33.

For public utilities, the comparison between August, 1935, and August, 1936, shows an increase of 8.4 per cent in employment, 12.3 per cent in payrolls, and 3.6 per cent in average weekly earnings. For the same period, the increases reported for wholesale and retail trade were 81. per cent in employment, 10.1 per cent in payrolls, and 1.8 per cent in average weekly earnings.

School Building Bonds Approved In Watsonville

Bond issues that will finance two additions to the Watsonville school plant were approved by voters at a special election August 19.

Overwhelming majorities voted in favor of a $70,000 issue for a new gymnasium at the high school and a $100,000 issue for a new grammar school building. The amounts voted will be used as the city's share of a PWA project in each instance, the government having been asked to make 45 per cent grants toward a cost of $175,000 for the new elementary building and $125,000 for the gymnasium.

Plans for the gymnasium are being prepared by the office of W. H. and Harold Weeks, San Francisco architects; for the other building by Architect A. W. Storey, Watsonville.

Porterville Vote To Decide $140,000 School Project

A special election has been called October 6 in Porterville elementary school district on a proposed bond issue of $84,000 to provide funds for constructing a new school building. If the bonds are successful it is expected a PWA grant will be received toward a total cost of $140,000.

The building as tentatively planned contains seven classrooms, library and administrative offices, sewing, domestic science, drawing, science, manual training and music rooms.

A site has been selected in the northwestern section of the city.

Nine Appointed To Contra Costa Planning Board

A new planning commission of nine members has been named by the Contra Costa county board of supervisors to take office immediately.

Erickson J. Bornholdt of Antioch and J. P. Connors of Crockett, were named for terms of one year each, E. H. Ward of Pittsburg and George Moye of Lafayette were appointed for two-year terms, Keith O. Narbett of Richmond was named for a three-year term, and City Engineer O. K. Smith of Martinez was appointed for a four-year term.

Other members are Supervisor H. L. Cummings, District Attorney Francis P. Healey and County Engineer R. R. Arnold.

Connors and Smith were members of the old commission.

COUNTY PERMIT ACT EFFECTIVE IN SACRAMENTO

Supervisors Enact Emergency Law to Govern Commercial Structures

An ordinance requiring permits to erect any commercial structure in the unincorporated area af Sacramento County has been adopted as an emergency measure by the board of supervisors, becoming effective immediately.

County Executive Chas. W. Deterding, Jr., said it will be operative until a county plan can be developed under the recently organized planning commission. The county plan is aimed to prevent the erection of unsightly and undesirable structures.

Deterding explained the ordinance does not require the issuance of a permit for the erection of a residence, but that no commercial building can be constructed without obtaining the permit.

"We have no intention of restricting the home owner," Deterding said. "Our only purpose is to prevent unsightly and undesirable structures and businesses from being started in areas where they have no place. For instance, if a junk yard was started near the new air depot while we were awaiting the development of the county plan, no action could be taken to force its removal. This ordinance gives us protection."

VALLEJO BUILDING CODES EFFECTIVE

New plumbing, building and electrical codes are effective in Vallejo, with jurisdiction over permits required by all three acts transferred from the city clerk to the city building inspector.

Carl Recknagel is building inspector and will issue permits, collect fees and supervise inspection. Application for permits is to be made at the city engineer's office.

The codes were adopted a month ago by the city council, which had employed Hugh Pomeroy as consultant in the preparation of building codes and a new zoning ordinance. The latter act will become operative October 1.

BUREAU DIRECTORY WILL LIST 27,000

The annual official directory of licensed contractors will be ready for distribution shortly, according to Registrar Earl S. Anderson.

The directory list is approximately 27,000 contractors, classified as to the type of work in which they specialize. A separate volume is arranged by counties, listing all contractors in each of the 58 counties by crafts. Price of the directory, including both alphabetical and geographical volumes, is $4.00.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1901	Stoneson	Owner	5000
1902	Del Carlo	Owner	2500
1903	Melone	Owner	4500
1904	Gurley	Owner	2000
1905	Happy	Owner	4200
1906	Sutro	Owner	1000
1907	Bay	Owner	4000
1908	Walter	Owner	6000
1909	Dierks	Bothe	1200
1910	Andrews	Risu	4000
1911	Bauer	California	3000
1912	De Benedetti	Behm	2890
1913	Harrington	Coburn	2000
1914	State	Owner	1000
1915	Struthers	Owner	3000
1916	Struthers	Owner	3000
1917	Struthers	Owner	3000
1918	Struthers	Owner	3000
1919	Struthers	Owner	3000
1920	Struthers	Owner	3000
1921	Standard	Owner	3500
1922	Standard	Owner	3500
1923	Standard	Owner	3500
1924	Standard	Owner	3500
1925	Standard	Owner	3500
1926	Standard	Owner	3500
1927	Standard	Owner	3500
1928	Standard	Owner	3500
1929	Standard	Owner	3500
1930	Standard	Owner	3500
1931	Standard	Owner	3500
1932	Standard	Owner	3500
1933	Portana	Yrigoyen	4000
1934	Roman	Cahill	60000
1935	Armanini	Oliva	4000
1936	Capitol	Langfelder	7000
1937	Papenha'n	Papenha'n	4000
1938	Woods	Owner	1500
1939	Michael	Owner	4000
1940	Collin	Disston	3770
1942	Stolz	Vukicevich	6000
1941	Merello	Owner	5000
1943	Edmonds	Lindsay	4000
1944	Edmonds	Lindsay	4000
1945	Wilson	Owner	1500
1946	Bothin	Slegrist	3700
1947	Cohn	Early	2500
1948	Merello	Carraro	4000
1949	Mugg	Rousseau	5000
No.	Name	Contractor	Amt.
1950	Brehm	Huenergardt	5000
1951	Golden	Electrical	1200
1952	White	Pasqualetti	1500
1953	Hooey	Erickson	4850
1954	Ajel	Cahill	3500
1955	Robles	Oliva	1490
1956	Bacigalupi	Owner	1000
1957	Baldwin	Empire	1000

DWELLING
(1901) W. JUNIPE--O SERRA BLVD., 283 N OCEAN. 2-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $5000

ALTERATIONS
(1902) 2020 OAKDALE AVE. Alter flats.
Owner—E. Del Carlo, Prem.
Architect—Not Given. $2500

ALTERATIONS
(1903) 944 FOLSOM. Alter salesroom.
Owner—The Melone Co., 157 San Marcos St.
Architect—Not Given. $4500

ALTERATIONS
(1904) 17 URANUS TERRACE. Alter dwelling.
Owner—John E. Gurley, 350 Post.
Architect—Chas. F. Maury, Monadnock Bldg. $2000

DWELLING
(1905) NW Cor. 29TH AVE. AND RIVERA. 1-story and basement frame dwelling.
Owner—Happy Home Co., 2194 30th Ave.
Architect—Not Given. $4200

ALTERATIONS
(1906) 1000 PT. LOBOS AVENUE. Alter swimming pool.
Owner—A. G. Sutro, Prem.
Architect—Not Given. $1000

DWELLING
(1907) NW 30TH AVENUE AND RIVERA. 1-story and basement frame dwelling.
Owner—Bay Cities Bldg. Co., 160 Russ St.
Architect—C. O. Clausen, 746 46th Ave. $4000

DWELLING
(1908) W. MAYWOOD DRIVE, 345 N. BRENTWOOD. 2-story and basement frame dwelling.
Owner—Paul A. Wolter, Jr., 190 Maywood Drive.
Architect—Earl MacDonald, 110 Sutter St. $6000

ALTERATIONS
(1909) 1840 TARAVAL. Alter garage.
Owner—Harry Dierks, 117 Market.
Contractor—John Bothe, 245 Parker Ave.
Architect—Not Given.
Engineer—Harold B. Hammill, 381 Bush St. $1200

ALTERATIONS
(1910) 1552 CHURCH Street. Alter apartments.
Owner—H. Andrews, care contractor
Architect—Not Given.
Contractor—E. O. Risu, 528 Douglas. $4,000

SUPPORTING STRUCTURE
(1911) S FRANCISCO 122 W Powell. Steel supporting structure.
Owner—Bauer Switzer Hop & Malt Co., 530 Sacramento St.
Architect—Not Given.
Contractor—California Steel Prod. Co. 490 Bay St. $3,000

ALTERATIONS
(1912) 838 GRANT AVE. Alter flats.
Owner—J. L. De Benedetti, 500 Sansome Street.
Architect—Not Given.
Contractor—J. Behm & Co., 139 Oak Street. $2890

ALTERATIONS
(1913) 120 GUERRERO Street. Alter dwelling.
Owner—A. Harrington, premises.
Architect—Not Given.
Contractor—I. W. Coburn, 2048 Market Street. $2,000

BLEACHERS
(1914) NW COR. 15th and Valencia. Bleachers.
Owner—State College, 124 Buchanan.
Architect—Not Given. $1,000

DWELLING
(1915) NE SCOTIA 191 SE Silver. One - story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission Street.
Architect—Not Given. $3,000

DWELLING
(1916) NE SCOTIA 113 SE Silver. One - story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission Street.
Architect—Not Given. $3,000

DWELLING
(1917) NE SCOTIA 165 SE Silver. One - story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission Street.
Architect—Not Given. $3,000

DWELLING
(1918) NE SCOTIA 139 SE Silver. One - story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission Street.
Architect—Not Given. $3,000

DWELLING
(1919) NE SCOTIA 61 SE Silver. One - story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission Street.
Architect—Not Given. $3,000

DWELLING
(1920) NE SCOTIA 87 SE Silver. One - story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission Street.
Architect—Not Given. $3,000

DWELLING
(1921) E 27th AVE. 100 N Moraga. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1922) N LAWTON 95 W 43rd Ave. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1923) E 36th AVE. 150 N Vicente. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1924) E 36th AVE. 75 N Vicente. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1925) E 36th AVE. 50 N Vicente. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1926) E 36th AVE. 175 N Vicente. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1927) N Lawton 108 W 43rd Ave. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1928) NW COR. 43rd Ave. and Lawton. One - story and basement frame dwelling.

Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1929) E 36th AVE. 25 N Vicente. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1930) E 36th AVE. 125 N Vicente. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1931) E 27th AVE. 125 N Moraga. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1932) E 36th AVE. 100 N Vicente. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(1933) S PALOU AVE. 275 E Lane. One - story and basement frame dwelling.
Owner—J. Portana, 2073 Quesada.
Architect—Not Given.
Contractor—Joe Yrigoyen, 31 Thornton Avenue. $4,000

CONVENT
(1934) NE COR. GEARY and 8th Ave. Three-story Class B convent.
Owner—Roman Catholic Archbishop of S., F., 1100 Franklin Street.
Architect—J. J. Foley, 770 5th Ave.
Contractor — Cahill Bros., 206 Sansome Street. $60,000

DWELLING
(1935) E HARRISON 150 S 25th St. One - story and basement frame dwelling.
Owner—L. Armanini, 542 Vienna.
Architect—Not Given.
Contractor—John Oliva, 542 Vienna. $4,000

ALTERATIONS
(1936) 550 MONTGOMERY St. Alter office.
Owner—Capital Co., 625 Market St.
Architect—Not Given.
Contractor—Langfelder & Schuster, 280 Wawona. $7,000

DWELLING
(1937) W VERNON 225 N Shields. One - story and basement frame dwelling.
Owner—Fred Papenhausen, 21 Divisadero Street.
Architect—Not Given.
Contractor—H. Papenhausen 595 Victoria. $4,000

ALTERATIONS
(1938) 3819 17th ST. Alter dwelling.
Owner—N. S. Woods, 3579 17th St.
Architect—Not Given. $1,500

DWELLING
(1939) SW COR. UPLAND DRIVE and Pinehurst. One - story and basement dwelling.
Owner—Michael & Bomerer, 762 DeHaro Street.
Architect—Conrad T. Kett, 519 California Street. $4,000

ALTERATIONS
(1940) 3048-3050 BAKER ST. Alter flats.
Owner—Jean Collin, 64 Toledo.
Architect—Not Given.
Contractor—A. D. Disston, 666 Mission Street. $3,770

ALTERATIONS
(1041) 555 SUTTER ST. Alter restaurant.
Owner—J. Merello, 555 Sutter Street.
Architect—Not Given. $5,000

ALTERATIONS
(1942) 4125-27-29-31 18th ST. Alter stores and flats
Owner—A. Stolz, 4125 18th Street.
Architect—John F. Beuttler, 110 Sutter Street.
Contractor — M. E. Vukicevich, 666 Mission Street. $6,000

DWELLING
(1943) N CLEMENT 100 E 31st Ave. One - story and basement frame dwelling.
Owner—J. W. Edmonds, 677 43rd Ave.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford. $4,000

DWELLING
(1944) N CLEMENT 125 E 31st Ave. One - story and basement frame dwelling.
Owner—J. W. Edmonds, 677 43rd Ave.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford. $4,000

DWELLING
(1945) S THORNTON 200 E Diana. One - story and basement frame dwelling.
Owner & Builder—Mrs. Rachel Wilson, 533 Thornton.
Architect—Not Given. $1500

ALTERATIONS
(1946) 37 CLEMENTINA St. Alter warehouse.
Owner—Bothin Real Estate Co., 604 Mission Street.
Engineer—Norman B. Green, Sharon Building.
Contractor—F. R. Siegrist, 604 Mission Street. $3700

SERVICE STATION
(1947) SE COR. COLUMBUS Ave. and Francisco St. Steel service station.
Owner—Ella Cohn, care contractor.
Architect—Not Given.
Contractor—Fred J. Early, Jr., 369 Pine Street. $2,500

DWELLING
(1948) S UNDERWOOD 350 E Lane. One - story and basement frame dwelling.
Owner—Joe Merello, care contractor.
Architect—Not Given.
Contractor—G. Carraro & Sons, 750 Felton Street. $4,000

DWELLING
(1949) W BEACH ST. 150 E Webster. One - story and basement frame dwelling.
Owner—W. C. Mugg, care contractor.
Architect—Not Given.
Contractor—Oliver M. Rousseau, 321 Kearny Street. $5,000

DWELLING
(1950) N SAN MARCOS, 218 W from Steps. 2-story and basement frame dwelling.
Owner—Dr. C. A. Brehm, 480 Post.
Contractor—D. C. Huenergardt, 120 Montalvo.
Architect—Not Given. $5,000

SIGN
(1951) SW COR. 4TH & BRYANT. Electric sign.
Owner—Golden State Dairy Products, Premises.
Contractor—Electrical Products Corporation, 910 Harrison.
Architect—Not Given. $1200

ALTERATIONS
(1952) NE FULTON AND LAGUNA. Alter store.
Owner—The White House, Sutter, near Kearny.
Contractor—J. A. Pasqualetti, 1745 Filbert.
Engineer—W. H. Ellison, Pacific Bldg.
Architect—Not Given. $1500

DWELLING
(1953) NE COR. SAN LEANDRO & OCEAN. 1-story and basement frame dwelling.
Owner—N. J. Hooey, care Contractor.
Contractor—Henry Erickson, 972 Chenery.
Architect—Not Given. $4850

ALTERATIONS
(1954) 280 NATOMA. Alter factory.
Owner—Ajel Mfg. Co., Prem.
Contractor—Cahill Bros., 206 Sansome.
Architect—Hyman & Appleton, 68 Post St. $3500

DWELLING
(1955) 2215 BRYANT ST. Alter dwelling.
Owner—William Robles, 2974 23rd St.
Contractor—Victor Oliva, 2731 24th St.
Architect—Not Given. $1490

ALTERATIONS
(1956) 1042 KEARNY. Alter restaurant.
Owner—Mr. Bacigalupi, Prem.
Architect—Not Given. $1000

DWELLING
(1957) 10 NORTHVIEW COURT. Alter dwelling.
Owner—M. Baldwin, care Contractor.
Contractor—Empire Construction Co., Ltd., Russ Bldg.
Architect—Not Given. $1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1443	Sigwald	Owner	9800
1444	Craig	Owner	1500
1445	Sephton	Potter	1500
1446	Bethlehem	Owner	2500
1447	Klitgaard	Norling	2000
1448	Bear	Pickrell	2000
1449	Pierce	Anderson	3500
1450	Moore	Van Ness	3850
1451	Rose	Pearsons	8000
1452	Gets	Rose	1960
1453	Bragg	Pressler	4300
1454	Taylor	Owner	6000
1455	Magdalen	Owner	45000
1456	Loomis	Lynn	2000
1457	Holmes	Parks	6000
1458	Kloss	Herndon	6000
1459	Johnson	Owner	3500
1460	Dunn	Cone	3400
1461	Lightbody	Owner	3000
1462	Drysdale	Owner	13000
1463	Welch	Owner	2500
1464	Scammell	Owner	5300
1465	Hass	Jensen	6000
1466	Pollard	Owner	2900
1467	Dignon	Erickson	2850
1468	Ratto	Haulman	6000
1469	Sephton	Potter	1500
1470	Phelan	Pickrell	4000
1471	Beck	Haulman	3500
1472	Klitgaard	Norling	2000
1473	Young	Pickrell	5000
1474	Mehrtens	Haulman	4500
1475	Pierce	Anderson	3500
1476	Capwell	Nicholson	1800
1477	Polk	Owner	1200
1478	Surano	Owner	3500
1479	MacDonald	Bristol	5000
1480	Bruasco	Tollefsen	5500
1481	Steffensen	Steffensen	9000
1482	Associated	Stolte	4500
No.	Name	Contractor	Amt.
1483	Schoening	Schoening	6000
1484	Fisher	Johnson	2500
1485	Colcord	Rich	4793
1486	Lamberson	Owner	1000
1487	Vierra	Hansen	5000

DWELLING
(1443) 542 BLAIR AVENUE, PIEDMONT. Two-story 7-room dwelling and garage.
Owner and Builder—Sigwald Bros., 916 Alma Ave.
Architect—Ray Keefer, 770 Wesley Ave., Piedmont. $9800

ALTERATIONS
(1444) 1244 HAWTHORNE ST., ALAMEDA. Alterations.
Owner and Builder—Homer Craig, Jr., 1244 Hawthorne Street.
Architect—Not Given. $1,500

ALTERATIONS
(1445) 1212 VERSAILLES, ALAMEDA. Alterations.
Owner—Mrs. Chas. Sephton, premises.
Architect—Not Given.
Contractor—Arthur W. Potter, 6175 Overdale Ave., Oakland. $1500

BOILER HOUSE
(1446) EAST END WORK Street, ALAMEDA. Boiler house.
Owner and Builder—Bethlehem Ship Bldg. Corp., premises.
Architect—Not Given. $2,500

ALTERATIONS
(1447) 825 PARU ST., ALAMEDA. Alterations.
Owner—C. J. Klitgaard, premises.
Architect—Not Given.
Contractor—Albert F. Norling, 1911 Buena Vista Ave. $2,000

ADDITION
(1448) 2169 PACIFIC AVE., ALAMEDA. Addition.
Owner—L. C. Bear, 2169 Pacific Ave.
Architect—Not Given.
Contractor—J. H. Pickrell, 1821 Alameda Ave. $2,000

DWELLING
(1449) 2618 CALHOUN, ALAMEDA. One-story 5-room dwelling.
Owner—J. R. Pierce, 2618 Calhoun.
Architect—Not Given.
Contractor—Walter Anderson, 1014 Doris Court. $3,500

DWELLING
(1450) 5465 RATH AVE., OAKLAND. 1-story 5-room dwelling.
Owner—A. R. Moore, 4656 E. 14th Street.
Contractor—L. E. Van Ness & Son, 4920 Park Blvd.
Architect—Not Given. $3850

DWELLING
(1451) 1027 PARK LANE, OAKLAND. 2-story 7-room dwelling.
Owner—E. Rose, 2448 Sacramento St., Berkeley.
Contractor—Parsons & Williams, 2268 80th Ave.
Architect—C. W. McCall, 1404 Franklin St. $8000

SERVICE STATION
(1452) 5350 FOOTHILL BLVD., OAKLAND. 1-story steel service Station.
Owner—S. Gets, San Francisco.
Contractor—M. Rose, 6329 Shattuck Avenue.
Architect—Not Given. $1960

DWELLING
(1453) 7300 WYMAN ST., OAKLAND. 1-story 6-room dwelling.
Owner—M. O. Bragg, Prem.
Contractor — Walter Pressler, 1419 Excelsior Ave.
Architect—Not Given. $4300

DWELLING
(1454) 726-28 BEATIE ST., OAKLAND. 1-story 10-room 2-family dwelling.
Owner and Builder—T. S. Taylor, 1622 Harrison St.
Architect—Not Given. $6000

BUILDING
(1455) 1225 MILVIA, OAKLAND. 2-story 8-room Class B Building.
Owner and Builder—St. Mary's Magdalen, Berryman & Milvia.
Architect — Arnold Constable, San Francisco. $45,000

ALTERATIONS
(1456) 3830 GRAND AVE., OAKLAND. Alterations.
Owner—Dr. F. M. Loomis, 350 29th St., Oakland.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland. $2000

DWELLING
(1457) GRIZZLY PEAK Blvd., BERKELEY. Two-story 6-rm. frame dwelling and garage.
Owner—A. Holmes, 624 Euclid Ave., Berkeley.
Architect—E. L. Snyder, 2104 Addison St., Berkeley.
Contractor—R. Parks, 2104 Addison St., Berkeley. $6,000

DWELLING
(1458) 747 CRESTON RD., BERKELEY. Two-story 5-rm. residence.
Owner—Mrs. C. L. Kloss, 670 Woodmont, Berkeley.
Architect — Fred. Reimers, 233 Post St., San Francisco.
Contractor—Hagen Herndon, 4148 Boyo St., Oakland. $6,000

DWELLING
(1459) 27 EL CARMELO CIRCLE, OAKLAND. One-story five-room dwelling.
Owner and Builder—O. W. Johnson, 3721 Young Ave., Oakland.
Architect—Not Given. $3500

ALTERATIONS
(1460) 506 15th ST., OAKLAND. Alterations and repairs.
Owner—Mr. C. and M. T. Dunn.
Architect—E. T. Foulkes, 357 12th St. Oakland.
Contractor—Wilbur C. Cone, 608 16th St., Oakland. $3400

DWELLING
(1461) 3406 62nd AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder — Perley Lightbody, 3400 Morrison St., Oakland.
Architect—Not Given. $3000

FLATS
(1462) 547-553 BODEN WAY, OAKLAND. Two 2-story 10-room flats.
Owner & Builder—Geo. H. Drysdale, 607 Beacon St.
Architect—Not Given. $6500 ea.

DWELLING
(1463) 1818 103rd AVE., OAKLAND. 1-story 5-room dwelling.
Owner & Builder—A. C. Welch, 1808 103rd Ave.
Architect—Not Given. $2500
Also 1-story garage, $75.

DWELLING
(1464) 2471 CORDOVA ST., OAKLAND. 2-story 6-room dwelling.
Owner & Builder—J. W. Scammell, 3161 Fruitvale Ave.
Architect—Not Given. $5300
Also 1-story garage, $200.

DWELLING
(1465) 378 PERKINS ST., OAKLAND. 1-story 4-room dwelling.
Owner—Mrs. Myrtle Hass, Palmer Court, Alameda.
Contractor—Jensen & Pedersen, 3443 Adeline St.
Architect—Kent & Hass, 525 Market St., San Francisco. $6000

DWELLING
(1466) 1914 CROSBY AVE., OAKLAND. 1-story 5-room dwelling.
Owner & Builder—Ray B. Pollard, 1912 Crosby Ave.
Architect—Not Given. $2900

DWELLING
(1467) 1722 TREGLOAN PL., ALAMEDA. One-story 5-room dwelling.
Owner—Lennie Dignon, 1131 Fountain St., Alameda.
Architect—Not Given.
Contractor—J. Erickson, 129 Pearl St., Alameda. $2,850

DWELLING
(1468) 706 PACIFIC AVE., ALAMEDA. Two-story 6-room dwelling.
Owner—A. P. Ratto, 706 Pacific Ave., Alameda.
Architect—Not Given.
Contractor—P. R. Haulman, 1243 Broadway, Alameda. $6,000

ALTERATIONS
(1469) 1212 VERSAILLES AVENUE, ALAMEDA. Alterations.
Owner—Mrs. Charles Sephton, 1237 Park Ave., Alameda.
Architect—Not Given.
Contractor—Arthur W. Potter, 6175 Overdale Ave., Oakland. $1,500

DWELLING
(1470) FREMONT DR., ALAMEDA. One - story five-room dwelling.
Owner—Wm. Phelan, Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1736 Alameda Ave., Alameda. $4,000

BUNGALOW
(1471) 10 WILLOW ST., ALAMEDA. One-story 5-room bungalow.
Owner—K. A. Beck, 1016 Willow St., Alameda.
Architect—Not Given.
Contractor—P. R. Haulman, 1243 Broadway, Alameda. $3,500

ALTERATIONS
(1472) 825 PARU, ALAMEDA. Alterations.
Owner—C. J. Klitgaard, 825 Paru St., Alameda.
Architect—Not Given.
Contractor—Robert F. Norling, 1911 Buena Vista, Alameda. $2,000

DWELLING
(1473) OTIS DR., ALAMEDA. One-story 5-room dwelling.
Owner—. A. Young, 1279 Walnut St., Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1736 Alameda Ave., Alameda. $5,000

DWELLING
(1474) 963 PEARL ST., ALAMEDA. Two-story 6-room dwelling.
Owner—C. G. Mehrtens, 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. R. Haulman, 1243 Broadway, Alameda. $4,500

BUILDING
(1475) 2618 CALHOUN ST., ALAMEDA. One-story 5-room frame building.
Owner—J. R. Pierce, Oakland.
Architect—Not Given.
Contractor—W. H. Anderson, 1014 Doris Court, Alameda. $3,500

September 23, 1936.

Contract Awarded

ALTERATIONS Cost, $7,000
SAN FRANCISCO. 4125-4127-4129-31 18th Street.
Alter stores and flats.
Owner—A. Stolz, 4125 18th Street.
Architect—John F. Beuttler, 110 Sutter Street.
Contractor — M. E. Vukicevich, 666 Mission Street.
(618) 14

ALTERATIONS
(1476) SE COR. 15th and Clay Sts., OAKLAND. Alterations.
Owner—Capwell, Sulivan & Furth.
Architect—Not Given.
Contractor—D. W. Nicholson, 550 Blossom Way, San Leandro. $1800

ADDITION
(1477) 3550 69th AVE., OAKLAND. Addition.
Owner and contractor—H. R. Polk.
Architect—Not Given. $1,200

DWELLING
(1478) 932 44th ST., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Steve Surano, 930 44th St., Oakland.
Architect—Not Given. $3500

DWELLING
(1479) 5546 MASONIC AVE., OAKLAND. One-story 4-room dwelling.
Owner—Mr. and Mrs. N. H. MacDonald.
Architect—Miller and Warnecke, Financial Center Bldg., Oakland.
Contractor—Mark Bristol & Co., 1038 McKinley Ave., Oakland. $5,000

DWELLING
(1480) 96 SONIA ST., OAKLAND. Two-story 6-room dwelling.
Owner—John Brusasco, 4526 West St. Oakland.
Architect—Not Given.
Contractor—C. Tollefsen, 1720 39th Ave., Oakland. $5500

FLATS
(1481) 2741-43 PARK BLVD., OAKLAND. Two-story 10-room flats.
Owner—Frank Steffensen, 1300 Webster St., Oakland.
Architect—Not Given.
Contractor—A. Steffensen, 1300 Webster St., Oakland. $9,000

SERVICE STATION
(1482) 2999 TELEGRAPH Avenue, BERKELEY. One-story 2-room service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland. $4500

DWELLING
(1483) 58 SONIA ST., OAKLAND. 2-story 6-room dwelling.
Owner & Builder—H. A. Schoening, 3133 Carlsen St.
Architect—H. A. Schoening and E. R. MacDonold, 3812 Broadway. $6000

DWELLING
(1484) 1952 100th AVE., OAKLAND. 1-story 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro.
Architect—Elmer Johnson, 450 Oakes Blvd., San Leandro. $2500
Also 1-sty frame garage, $125.

DWELLING
(1485) 4216 WILLSHIRE BLVD., OAKLAND. One-story 6-room dwelling.
Owner—Fred Colcord, Diamond Ave., Oakland.
Contractor—James L. Rich, 556 37th Street.
Architect—H. Roy Kelley, 1102 Architects Bldg., Los Angeles. $4793
Also 1-story frame garage, $207.

ALTERATIONS
(1486) 5478 COLLEGE AVENUE, OAKLAND. Alterations.
Owner and Builder—Mrs. Virginia Lamberson, Prem. $1000

DWELLING
(1487) 1865 GREENOCK AVENUE, OAKLAND. One-story five-room dwelling.
Owner—L. L. Vierra, Prem.
Contractor—C. Hansen, 1500 Santa Clara Ave., Alameda.
Architect—Not Given. $5000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
No.	Owner	Contractor	Amt.
125	Michel	McSheehy	1600

ALTERATIONS
(125) 1420 GEARY ST. Alter flats.
Owner—Edward Michel, Prem.
Contractor—James B. McSheehy, 137 Clifford Terrace, San Francisco.
Dated Sept. 14, '36. Filed Sept. 18, '36.
Tar & Gravel roof on $500
Plastering installed 500
Completion 600
TOTAL COST, $1,600
Limit 60 days. Specifications filed.

BUILDING CONTRACTS

ALAMEDA COUNTY

124	Fair	Fitzmaurice	5355
125	Dunn	Cone	3400
126	Albright	Kavanagh	5640

CURB, GUTTER, ETC.
(124) TRACT 515, Piedmont. Curb and gutter, pavement, sidewalks and storm water inlets, etc.
Owner—Albert A. Fair, Inc.
Architect—Not Given.
Contractor—J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Filed and dated Sept. 17, 1936.
Monthly progress payments.
TOTAL COST, $5355.50
Bond: Performance, $2700; Labor & Material, $2700. Sureties. Fidelity & Deposit Co. Plans and Specifications filed.

ALTERATIONS
(125) 15th and SAN PABLO Ave., Oakland. Alterations.
Owner—Margaret T. and Mary C. Dunn.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Wilbur C. Cone, 608 16th St., Oakland.
Filed, Sept. 18, '36. Dated, Sept. 16, '36
Payments not given.
TOTAL COST, $3,400
Bond, $1700. Sureties, Massachusetts Bonding Co. Plans and Spec. filed.

DWELLING
(126) PTN LOT 28 BLK 4, Thousand Oaks Heights, Berkeley. Two-story frame dwelling and garage.
Owner—Harold L. and Phyllis B. Albright, 511 San Carlos, Oakland.
Architect—F. Soderberg, 276 Perkins, Oakland.
Contractor—D. S. Kavanagh, 1729 Francisco St., Berkeley.
Filed, Sept. 22, '36. Dated, Sept. 22, '36
Frame sheathed $1410.00
Plastered 1410.00
Completion 1410.00
Usual 35 days 1410.00
TOTAL COST, $5,640.00
Limit, 75 days. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

FLUE, $49; 451-53 Lombard Street; owner, A. Beanchini, premises; contractor, National Sheet Metal Works, 3168 Mission St.

BILLBOARD, $7; N Folsom 80 W 4th St.; onwer and contractor, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $7; 4738 Geary; owner, West Coast Adv. Co., 1430 Divisadero.

ALTER dwelling, $950; 3332 California St.; owner, D. Cruden, 3332 California; contractor, Robert G. Black, 1935 Cabrillo.

ALTER apts., $100; 1192 Green St.; owner, P. Mazzaferri, premises.

SIGN, electric, $100; 218 Fremont St.; owner, Philco Radio Corp., premises; contractor, Laib, 7th and Folsom Sts.

AUTO laundry, $60; 130 Hayes St.; owner, C. K. Parker, premises; contractor, Sibley Grading and Teaming Co., 135 Landers St.

ALTER dwelling, $300; 1436 Moraga; owner, B. C. Schmuki, premises; contractor, L. U. Grant, 658 3rd Avenue.

FLUE, $100; S Marina Blvd. 118 W Broderick; owner, B. Liebman, 1555 Francisco; contractor, National Sheet Metal Works, 3168 Mission St.

SIGN, electric, $400; 3029 Fillmore; owner, Fredericksen Hardware, premises; contractor, Electrical Prod. Corp., 910 Harrison.

ALTER apts., $700; NW Cor. 6th Avenue and Lake St.; owner, A. Mensor, NW Cor. 6th Ave. and Lake St.; contractor, Bothe Construction Co., 246 Parker Ave.

ALTER dwelling, $800; 1061 Broadway; owner, M. A. Busse, premises; engineer, W. H. Ellison, Pacific Bldg.

GARAGE, private, $150; rear 2784 Diamond; owner, B. F. Chambers care 617 Tomkings Ave.

FLUES, $50; Cor. Ravenwood and Fernwood; owner, Paul Wolters, Jr., care Anglo Calif. National Bank; contractor, Henry Ernst & Sons, 551 Hayes St.

FLUES, $100; 37-41 Ford St.; owner, Dolores Realty Co., 3090 16th St.; contractor, New Mission Sheet Metal Works, 3401 Mission St.

ALTER apts., $150; 2500 Van Ness; owner, C. B. Seamen, premises; contractor, T. MacDermand, 2175 Lombard.

SIGN, electric, $100; 154 McAllister; owner, Argyle Pharmacy, premises; contractor, Elec. Products Corp., 910 Harrison St.

FLUE, $100; S Marina Blvd. 100 W Broderick; owner, B. Liebman, 1555 Francisco; contractor, National Sheet Metal Works, 3168 Mission St.

BILLBOARD, $10; SE Columbus & Francisco; owner, West Coast Adv. Co., 1430 Divisadero.

ALTER store, $500; 660 Washington Street; owner, Frank Yick, 670 Washington St.

ALTER store, $700; 211 4th St.; owner, H. Cowen, 645 Rus Building; contractor, Mills Const. Co., 645 Russ Bldg.

ALTER dwelling, $700; 340 Hazelwood; owner, P. E. Allan, premises; contractor, W. B. Hocking, 2216 Clement St.

SIGN, electric, $175; 4609 Mission St.; owner, The Blossom Cafe, premises; contractor, Pioneer Electric Co., 370 Van Ness Ave. South.

GARAGE, private, $150; 3800 California St.; owner, G. Nelson, 3806 California; contractor, Hermie E. Muser, 2516 California St.

BILLBOARD, $13; E Valencia 115 N McCoppin; owner and builder, Foster & Kleiser Co., 1675 Eddy.

SIGN, electric, $300; 2215 Powell St.; owner, Kalua Club, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

SIGN, electric, $160; 1709 Buchanan; owner, Eagle Cafe, 1709 Buchanan St.; contractor, Brumfield El. Sign Co., 965 Folsom St.

ALTER dwelling, $100; 32 Ellert St.; owner, J. B. Selcido, premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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8.—Club Buildings
9.—Hospitals
10.—Hotels
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13.—Public Buildings, Fire Houses and Jails
14.—Residences
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17.—Theatres
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19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Project Abandoned
APARTMENTS Cost, $——
SAN MATEO, San Mateo Co., Calif.
Three two-story and basement frame and stucco apartment buildings (three 3-room apts. each) shingle tile roofing, electric heating system, hardwood floors, tile baths.
Owner—J. Evan Bethune.
Architect—Arthur Brown, Jr., 251 Kearny St., San Francisco.
At previous bid opening the following were low bidders:
General Work—G. W. Williams Co., 315 Primrose Road, Burlingame, $67,850.
Plumbing—O'Mara and Stewart, 218 Clara St., San Francisco, $3,722.
Electric—Medley Electric Co., 1136 Chula Vista Avenue, Burlingame $1,828.
Complete bids published Aug. 5.

Contract Awarded
ALTER APARTMENTS Cost, $5000
SAN FRANCISCO, Cal. 1552 Church Street.
Alter apartments.
Owner—H. Andrews, care Contractor.
Architect—Not Given.
Contractor—E. O. Risu, 528 Douglas St., San Francisco.

Sub-Contracts Awarded
APARTMENTS Cost, $15,000
BURLINGAME, San Mateo Co., Cal. El Camino Real.
Two-story frame and stucco apartment building.
Owner—Wetstone and Keam, 1501 Forest View, Burlingame.
Architect—Not Given.
Contractor—Aetna Const. Co., 1730 24th Ave., San Francisco.
Plumbing—Scott Co., 243 Minna St., San Francisco.
Electric Wiring—Cocconi Electric Co. San Mateo.
Heating—Scott Co., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Window Shades—Uneeda Shade Co., 155 Church St., San Francisco.
Hardwood Floors — Schultze Hardwood Floor Co., San Mateo.
Iron Grille Work—San Mateo Forge, San Mateo.
Brick and Stone Work—Karlberg & Bosin, 367 Bayshore Blvd., San Francisco.
Lumber—Smith Lumber Co., Fourth and Channel Sts., San Francisco.
Mill Work—Warden Brothers.
Lathing & Plastering—Lee Nix, 4127 Kirkham St., San Francisco.
Concrete—H. E. Casey Co., San Mateo.

Plans Being Completed
APARTMENTS Cost, $200,000 ea.
SAN FRANCISCO, Calif. Western Addition.
Two 6-story steel frame and reinforced concrete apartment buildings (36 3 and 4-room apartments in each building), cast concrete and cement exterior, canvas walls and ceilings, gas fired steam heating system, parquet floors, electric refrigeration, automatic elevators, garbage chutes from each apartment, gas stoves, Standard plumbing fixtures, all tile baths, etc.
Owner—Name withheld.
Architect—Albert H. Larsen, 333 Kearny St.
Bids will be asked in about ten days.

3— CHURCHES

Contract Awarded
ALTERATIONS Cost, $25,000
VALLEJO, Solano Co., Calif.
Alterations and additions to St. Vincent's Ferrers Church. (Rev. J. J. Butler, Rector.)
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect — Arnold Constable, 580 Market St., San Francisco.
Contractor — Arthur Erickson, 1304 Sutter St., Vallejo.
Heating bids are held under advisement.

Contract Awarded
CHURCH Cont. Price, $20,488.45
SAN JOSE, Santa Clara Co., Calif. North Fifth St., between Jackson and Taylor.
One-story wood frame Buddhist Church.
Owner—Buddhist Church (Rev. Jokai Kow, Pastor), San Jose.
Plans by G. G. Shimamoto, 1534 Geary St., San Francisco.
Contractor—S. Nishiura, Mt. View.

Contract Awarded
CONVENT Cost, $60,000
SAN FRANCISCO, Calif. NE Geary St. and 8th Ave.
Three-story Class B reinforced concrete Sisters' residence (26 bedrooms, chapel to seat 30), composition roofing, steam heating oil burning system, terra cotta tile partitions in basement, solid plaster partitions throughout the building, art glass in chapel, gum finish in interior.
Owner—Roman Catholic Archbishop, 1100 Franklin Street.
Architect—John J. Foley, 770 Fifth Avenue.
Contractor—Cahill Bros., 206 Sansome St.

4— FACTORIES & WAREHOUSES

Additional Contracts Awarded
WAREHOUSE Cost, $50,000
SACRAMENTO, Sacramento Co., Cal. North Sixteenth Street.
One-story brick warehouse (160x240 feet) concrete floors and foundations, etc. (CCC supply depot).
Owner and Builder—A. R. Meister, 204 N 16th St., Sacramento.
Plans by Owner.
Lessee—U. S. Government.
Concrete—Angelo & Frank, 3029 9th Ave., Sacramento.
Sheet Metal—Park Sheet Metal W'ks, 2562 Sacramento Blvd., Sacto.
Sand Fill—Wm. Powell, Sacramento.
Heating—Sunland Oil Co., Sacto.
Hardware—Dunham, Carrigan and Hayden, San Francisco.
As previously reported lumber contract awarded to Friend & Terry, Front and S Sts., Sacramento; corrugated iron to Thomson-Diggs Co., 3rd and R Sts., Sacramento; brick work to Sacramento Brick Co., Front and M Sts., Sacramento.

September 18, 1936.

Plans Being Figured
FACTORY Cost, $12,000
SAN FRANCISCO. E. Van Ness Avenue, S 12th St.
One-story reinf. concrete factory building.
Owner—Dennis O'Connor, 1107 Shrader Street.
Architect—G. A. Berger, 309 Valencia Street.

Preparing Plans
DISTILLERY
Cost, incl. equipt., $90,000
MARYSVILLE, Yuba Co., Calif.
New fruit distillery.
Owner — Feather River Distilleries, Inc. (W. H. Bryant, Gen. Mgr.).
Engineer—Oscar Krenz, 612 Bryant St., San Francisco.
Further details will be announced in about thirty days.

Plumbing and Sheet Metal Bids Being Taken
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass mfg. plant (brick and insulux glass construction), concrete foundations, corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, vice-president in charge).
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Mgr. of Const.—P. J. Walker Company, Sharon Bldg., San Francisco.
Mechanical Engineer—A. R. McLaren, 611 Howard St., San Francisco.
Electrical Engineers—Kuchel & Sievers, 468 5th St., San Francisco.
Plumbing and sheet metal bids are now being received by P. J. Walker Company.
Brick and Insulux—Larsen & Larsen 633 Bryant St., San Francisco.
As previously reported:
Underground Sewage System—Herman Lawson, 465 Tehama St., San Francisco.
Readymix Concrete — Transit Concrete Co., Ltd., 6th and Berry Sts., San Francisco.
Concrete work (Building No. 7, Batch Plant) awarded to Barret & Hilp, 918 Harrison St., San Francisco; structural steel (entire job) to Moore Dry Dock Co., foot of Adeline St., Oakland; piling to Raymond Concrete Pile Co., 333 Montgomery St., San Francisco; excavation, filling and grading to Heafey-Moore Co., 344 High St., Oakland, and chimneys to Alphons-Custodis Chimney Const. Co., New York City.

Contract Awarded
ADDITION Cost, $40,000
EMERYVILLE, Alameda Co., Calif.
Addition to linoleum plant (concrete, steel and tile construction).
Owner—Paraffine Companies, Inc.
Engineer—Leland Rosener, 233 Sansome St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

FIRE LOSS
REDDING, Shasta Co., Cal.—Fire destroyed the Redding Creamery on Sept. 19. Damage estimated at $30,000.

Contract Awarded
STEEL SUPPORTING STRUCTURE Cost, $4000
SAN FRANCISCO, Calif. Francisco and Powell Streets.
Steel supporting structure.
Owner—Bauer Switzer Hop and Malt Co., 530 Sacramento St., San Francisco.
Architect—Not Given.
Contractor—California Steel Products Co., 490 Bay St., San Francisco.

Planned
ADDITION Cost, $19,000
SEBASTOPOL, Sonoma Co., Calif.
Construct three-unit dryer.
Owner—California Prune Growers' Association (Frank C. Randall, Sebastopol, Cal.).
Architect—Not Given.

Contract Awarded
LOADING PLANT Cost, $4,000
STOCKTON, San Joaquin Co., Calif. 720 West Church Street.
Tank truck loading plant.
Owner—Hancock Oil Co., 102 S. Wilson Way, Stockton.
Architect—Not Given.
Contractor—J. A. Allen, 22 S. Sutter St., Stockton.

Contract Awarded
WAREHOUSE Cost, $4,500
SAN FRANCISCO. 37 Clementina.
Alter warehouse.
Owner—Bothin Real Estate Co., 604 Mission Street.
Engineer—Norman & Green, Sharon Building.
Contractor—F. R. Siegrist, 604 Mission Street.

BIDS OPENED
SAN FRANCISCO.—H. A. Cohen, at $3,318.64, submitted low bid to Department of Public Works, Room 251, City Hall, for alterations to warehouse located on Tehama Street, near First. Specifications No. 4727. Estimated cost, $3,300. Work involves removal of rubbish, grading floor and laying 3-in. concrete slabs score in 6-in. squares, patch sidewalks and corrugated iron work; construct retaining wall and make miscellaneous repairs to plumbing, etc., painting, etc.
Complete bids follow:

H. A. Cohen	$3,318.64
O. Monson	3,960.00
Frank J. Reilly	4,141.00
F. C. Amoroso & Sons	4,657.00

Bids held under advisement.

5— FLATS

Contract Awarded
ALTERATIONS Cost, $1,600
SAN FRANCISCO. 1420 Geary St.
Alterations to flats.
Owner—Edward Michel, premises.
Architect—Not Given.
Contractor—James B. McSheehy, 137 Clifford Terrace, San Francisco.

To Be Done By Day's Work
ALTERATIONS Cost, $3000
SAN FRANCISCO, Calif. 2020 Oakdale Ave.
Alterations to flats.
Owner and Builder—E. Del Carlo, Premises.
Architect—Not Given.

To Be Done By Day's Work
FLATS Cost, $7,000 each
OAKLAND, Cal. 547-553 Boden Way.
Two 2-story frame and stucco flats.
Owner and Builder—Geo. H. Drysdale, 607 Beacon St., Oakland.
Architect—Not Given.

Contract Awarded
ALTER FLATS Cost, $3000
SAN FRANCISCO, Calif. 838 Grant Avenue.
Alter flats.
Owner—J. L. DeBenedetti, 500 Sansome St., San Francisco.
Architect—Not Given.
Contractor—J. Behm and Co., 139 Oak St., San Francisco.

Contract Awarded
FLATS Cost, $10,000
OAKLAND, Alameda Co., Cal. 2741-2743 Park Boulevard.
Two-story frame and stucco flats (10 rooms).
Owner—Frank Steffensen, 1300 Webster St., Oakland.
Architect—Not Given.
Contractor—A. Steffensen, 1300 Webster St., Oakland.

6—GARAGES & SERVICE STATIONS

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Calif.—Lindgren & Swinerton, Inc., 605 W. Olympic Blvd., Los Angeles, awarded contract by Shell Oil Co. for constructing four new pumping stations and constructing additions to six existing stations on the route of the 300-mile pipe line from Bakersfield to Martinez. The new stations will be built at Bakersfield, Wasco, Mid, and Kettleman.

Contract Awarded
STEEL SERVICE STATION Cost, $3,000
SAN FRANCISCO, Calif. Columbus and Francisco Streets.
Steel service station.
Owner—Ella Cohn, care Contractor.
Architect—Not Given.
Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

Contract Awarded
GASOLINE SERVICE STA. $4,000
SAN JOSE, Santa Clara Co., Calif. 1551 W. San Carlos.
Gasoline Service Station.
Owner—Frank Pimentel.
Architect—Not Given.
Contractor—A. E. Orton, 938 Addison Ave., San Francisco.

Contract Awarded
ALTERATIONS Cost, $6,000
STOCKTON, San Joaquin Co., Calif. 642 North Eldorado Street.
Alterations to public garage.
Owner—E. A. and Zoe D. Test, 1637 North Hunter St., Stockton.
Architect—Not Given.
Contractor—Lewis & Green, Bank of America Bldg., Stockton.

Contract Awarded
SERVICE STATION Cost, $6,000
BERKELEY, Alameda Co., Cal. 2999 Telegraph Avenue.
One-story service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

7— FEDERAL BUILDINGS

Contract Awarded
SERVICE STATION Cost, $4,500
BURLINGAME, San Mateo Co., Cal. Broadway and Laguna.
Service station.
Owner—George E. Hann.
Architect—Not Given.
Contractor—John W. Huggard, 915 Rialto Bldg., San Francisco.

Contract Awarded
ALTER GARAGE Cost, $1500
SAN FRANCISCO. 1840 Taraval St.
Alter garage.
Owner—Harry Dierks, 117 Market St.
Engineer—Harold B. Hammill, 581 Bush Street.
Contractor—John Bothe, 245 Parker.

Contract Awarded
SERVICE STATION Cost, $3,000
SAN FRANCISCO. SE 25th Street and Van Ness Ave. South.
Steel service station.
Owner—C. J. Sullivan, 268 13th St.
Architect—Not Given.
Contractor—Aetna Const. Co., 1272 18th Avenue.

BIDS WANTED
MARTINEZ, Contra Costa Co., Calif.—Until September 24, bids will be received by Treasury Department, Washington, D. C., for plaster models of the U. S. Post Office for Martinez.

Wrecking Contract Awarded
POST OFFICE Cont. Price, $70,000
MARTINEZ, Contra Costa Co., Calif. Court and Ward Streets.
One-story and mezzanine floor U. S. Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Contractor — George Petersen, 1841 Bancroft Ave., San Leandro.
Wrecking—C. F. Roberts, 937 Market St., Oakland.
Upon completion of razing present building on site, construction will start.

PLANS COMPLETED
FRIANT, Fresno Co., Calif.—Plans have been completed by U. S. Reclamation Service, A. M. Torpen, Division Engineer, for the government camp to house Reclamation Service employes during construction of Friant Dam, a unit of the Central Valley Water Project. The camp site is near theh town of Friant and about a mile below the dam site. Forty-five buildings are to be erected, including groups of 2-, 4-, and 6-room houses, two dormitories, and an administration building. They will be of temporary construction.
The work will be advertised probably as a single contract as soon as final approval is given by Chief Engineer R. F. Walter.

CONTRACT AWARDED
PORTLAND, Ore.—Public Building Contractors, Bronx, New York City, at $2,144 awarded contract by the Treasury Department for furnishing and installing detention cells in the U. S. court house at Portland.

BIDS WANTED
EUREKA, Humboldt Co., Cal.—Until October 14, 11 A. M., bids will be received by Public Works Officer, Mare Island Navy Yard, for excavating, closing openings, covering hot water heating pipes, installing new sash in basement heating room windows in Bldg. E-1, and for miscellaneous replacements and repairs to plumbing fixtures and fittings in various buildings at the U. S. Naval Direction Finder Station, Table Bluff (Eureka); Spec. No. 8309.
Plans and specifications may be obtained from above office.

Bids Rejected.
POST OFFICE Cost, $65,000
VACAVILLE, Salono Co., Calif.
U. S. Post Office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Plans will be revised and new bids asked at a later date. On previous bid opening only bid was submitted by Robert McCarthy, 1363 14th Ave., San Francisco, at $67,000.

NEW BIDS WANTED

McMINNVILLE, Oregon — Until Oct. 9, 10 A.M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for basement changes, etc., in the U.

Plans and specifications may be obtained from above office and from S. Post Office, McMinnville, Oregon. the Custodian of the Building.

BIDS WANTED

LOS ANGELES, Calif.—Until Oct. 27, 1:30 p.m., bids will be received by Veterans' Administration, Room 765, Arlington Bldg., Washington, D. C., for constructing additions to Kitchen Building No. 163, at Veterans' Administration Facility, Los Angeles, California. Work will include roads, walks, grading and drainage, excavating, reinforced concrete, hollow building tile, brickwork, cast stone, enameled wall blocks, slate stair treads, terrazzo, floor tile, compressed asphalt tile, waterproofing, metal work, steel stairs, steel cabinets, shelving and partitions, steel sash, built-up roofing, roof ventilators, skylights, metal lathing, plastering, carpentry, acoustical treatment, insulation, platform scales, insect screens, painting, glazing, hardware, plumbing, heating, electrical work, outside service connections, electric elevator reconstruction and electric dumbwaiter, refrigerating and ice-making plant, etc.

Separate bids will be received for (1) General Construction, including Plumbing, Heating and Electrical Work; (2) Electric Elevators, and (3) Refrigerating and Ice-Making Plant.

Plans and specifications may be obtained from the above office and the Supervising Superintendent of Construction, Veterans' Administration Facility. Palo Alto, Calif. No deposit required.

BIDS WANTED

MARE ISLAND, Calif.—Until October 14, 11 a.m., bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for automatic equipment to convert four 300-hp. oil-fired boilers now installed at the Navy Yard, Mare Island, to full automatic control and operation for both natural gas and fuel oil; Spec. No. 8238.

Plans and specifications may be obtained from above office and from the Commandant, Navy Yard, Mare Island, upon deposit of $10.00.

Sub Contracts Awarded

FEDERAL JAIL Cont. Price, $897,000
SAN PEDRO, Los Angeles Co., Calif. Reservation Point.
New Federal Jail to serve Southern California and Arizona.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Contractor—Robert E. McKee, 108 W. 6th St., Los Angeles.

The plant will be built in the shape of a rectangle and will cover an area of 680x250 ft. It will consist of a number of units constructed around a central court, including an administration building, storage warehouse, shops, power house, dormitories, recreation rooms, cell blocks, auditorium, mess hall, service rooms, etc.

Detention Steel Windows—Wm. Bayley Co., Springfield, Ohio.
Roofing—Wiberite Roofing Co., 8410 S. Hoover St., Los Angeles.
Plumbing—Lohman Bros., 232 South Spring St., Los Angeles.
Electric Wiring—Newbery Electric Corp., 315 W. 9th St., Los Angeles.
Heating—Lohman Bros., 232 South Spring St., Los Angeles.
Sheet Metal—L. Bleeker Sheet Metal Works, 1222 E. Slauson Avenue, Los Angeles.
Glass—Tyre Bros., 3010 S. San Pedro, Los Angeles.
Refrigeration System—A-1 Ice Machine Co., 3515 W. Washington, Los Angeles.
Excavation & Grading—Lawson Construction Co., RKO Bldg., Los Angeles.
Piling & Foundations—Pan Pacific Piling & Construction Co., 2145 E. 25th St., Los Angeles.
Mill Work—Pacific Mfg. Co., Santa Clara.
Hardware — Bennett Montgomery Hardware Co., 323 S. San Pedro St., Los Angeles.
Lathing & Plastering — Bolster & Bonham. 118 N. Juanita, Los Angeles.
Transit Mix Concrete — Graham Bros., 2425 Fowler St., Los Angeles.
Terra Cotta Units — Pacific Clay Products Co., 306 W. Ave. 26, Los Angeles.
Reinforced Steel—Soule Steel Co., 6200 Wilmington, Los Angeles.
Misc. & Orn. Iron & Tubular Doors—Southgate Iron Works, 8150 Mabrisa, Huntington Park.
Hollow Metal Work & Partitions—Forderer Cornice Works, 269 Potrero Ave., San Francisco.

COMPLETE BIDS

PORTLAND, Oregon. — As previously reported, George Isaacson & Company, Worcester Bldg., Portland, Oregon, at $79,990, submitted low bid to Public Buildings Branch, Washington, D. C., for the construction of the U. S. Post Office, East Portland Station, Portland, Oregon. Second low bid was submitted by Joseph H. Anderson, Portland, at $80,950.

Bids held under advisement.

Complete bids follow:

George Isaacson & Co.	$79,990
Joseph H. Anderson	80,950
Hoffman Constr. Co.	88,385
J. H. Settergren	87,000
Oscar R. Wayman	88,933
Dougan & Hammond Con. Co.	89,700
Benjamin H. Sheldon	89,912
A. J. Bingham & Son	90,967
Robertson, Hay & Wallace	92,333
Quinn Constr. Co.	92,950
George H. Buckler Co.	93,000
Drake Waymann & Voss, Inc. (All of Portland, Ore.)	94,990
Schuler & McDonald, Inc., Oakland, Calif.	96,773
Robinson, Scott & Scott, Portland, Ore.	99,990

New Bids Wanted—To Close Oct. 6th, 1 P. M.

INSPECTION STA. Cost, $16,500
DANVILLE, Washington.
United States Inspection Station.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

On previous bid opening lowest bid was submitted by M. L. Ericksen, Seattle, at $16,179.

BIDS OPENED

PHOENIX, Ariz.—Standard Electric Time Co., Springfield, Mass., at $1,893 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing clock system in the U. S. post office at Phoenix.

Other bids were:

Stromberg Elec. Co. Chicago	$1,998.50
Hurwitz Elec. Co., Baltimore, Maryland	4,442.00

Bids held under advisement.

Contract Awarded

FEDERAL BLDG. Cont. Pr., $306,000
KETCHIKAN, Alaska.
U. S. Federal Building (to house post office, court house, custom house and jail).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Contractor—J. B. Warrack, 1331 3rd Ave., Seattle, Wash.

Site Selected

POST OFFICE Cost, $210,000
MONROVIA, Los Angeles Co., Calif. N. Pal mAve., bet. Enceniter & Ivy Aves.
U. S. Post Office building.
Owner—United States Government.
Plans by Supervising Architect of Treasury Department, Washington, D. C.

Bids Wanted — To Close October 30, 1 P.M.

POST OFFICE Cost, $100,000
SUNNYSIDE, Washington.
U. S. Post Office building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Plans and specifications may be obtained from above office. No deposit required for one set.

BIDS WANTED

PEARL HARBOR, T. H.—Until November 4, 11 a.m., bids will be received by Bureau of Yards & Docks, Navy Department, Washington, D. C., for furnishing and installing kitchen equipment at the Naval Fleet Air Base, Pearl Harbor, T. H.

Work includes ranges, fry kettles, steamers, steam kettles, coffee urns, mixing machines, tables, cabinets, proof boxes, ovens, dough divider, troughs, bread slicer, mixing machines, flour handling equipment, dough mixer, racks, slicing and peeling machines, chopper, meat bone and fish cutting machine, dishwashing machines, waffle irons, hot plates, refrigerators, shelves, combination counters and steam tables, pipe railing, hoods, fans and connections to existing service lines; Spec. No. 8220.

Plans and specifications may be obtained from above office and from Commandant, 14th Naval District, Pearl Harbor, and from the Commandant, 12th Naval District, Federal Office Bldg., San Francisco, upon deposit of $10.00.

8— CLUB BUILDINGS

BIDS WANTED

TUCSON, Arizona—Morgan McDermott Post, American Legion, Tucson will take bids next month for club building to be built at the corner of Court and Pennington Sts., Tucson. Cost, $30,000.

Contracts Awarded

ALTERATIONS Cost, $.....
SAN FRANCISCO, Calif. Palace Hotel.
Alterations to club.
Owner — Transportation Club, Palace Hotel.
Architect — Albert Schroepfer, 244 Kearny Street.
General Work—Braas & Kuhn Co., 1917 Bryant St.
Rubber Tiling—D. A. Pancoast, 26 O'Farrell St.
Ventilating—Scott Co., Inc., 243 Minna St.
Upholstering—F. H. Harder Manufacturing Co., 298 7th St.
Painting & Decorating—A. C. Wocker, 1370 Sutter St.
Lighting Fixtures—A. J. Casello, 1507 Sutter St.

9— HOSPITALS

Commissioned To Prepare Plans

HOSPITAL Cost, $60,000
HOLLISTER, San Benito Co., Calif.
New county hospital.

Architect—Robert Stanton, Hotel Del Monte, Del Monte.
Application will probably be filed with the PWA for a grant to assist in financing.

Bid Opening Postponed
ADDITION Cost, $37,000
RENO, Nevada.
Third wing addition to Washoe General Hospital, (three-story addition, to house maternity ward and private rooms).
Owner—County of Washoe.
Architect—F. J. DeLongchamps, Gazette Bldg., Reno, Nevada.
Bids were scheduled to be opened Oct. 10, but hospital trustees have been informed that available funds cannot be used for building purposes A bond election will probably be called to finance addition.

Bids Wanted — To Close October 1, 3 P. M.
HOSPITAL Cost, $.....
MERCED, Calif.
Two-story Class C addition to hospital (20 beds).
Owner—Mercy Hospital, Merced, Cal.
Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.
Bids will be taken as follows:
(1) General work;
(2) Electrical work;
(3) Plumbing;
(4) Heating;
(5) Linoleum;
(6) Elevators.
Plans and specifications may be obtained from the architect upon deposit of $15.00 for general plans; $20.00 for heating and plumbing, and $10.00 for electric. No deposit required for linoleum and elevator plans. It was previously reported that bids would be opened Oct. 2, but date has been changed to October 1st.

Funds Allotted
WARD BLDG. Cost, $80,108
SPRINGVILLE, Tulare Co., Cal. Tulare-Kings Counties Joint Tubercular Sanitarium.
Frame and stucco ward building.
Owner—County of Tulare.
Architect — Ernest Kump, Rowell Bldg., Fresno.
PWA has approved a grant of $37-800 to assist in financing.

Bids Opened
HOSPITAL Cost, $20,000
COALINGA, Fresno Co., Calif.
One-story and basement hollow tile fireproof hospital (15 to 18 beds), composition roof, linoleum floor covering, etc.
Owner—Pleasant Valley Hospital Association.
Architect — W. D. Coates, Rowell Bldg., Fresno.
Complete bids follow:

General Work

T. C. Irwin, 269 Fulton St., Fresno	$20,820	
	(1) ded.	2,687
Midstate Construction Co., Fresno	$21,034	
	(1) ded.	2,750
R. W. Brown, Fresno	$21,255	
	(1) ded.	3,188
Harris Cons. Co., Fresno	$21,521	
	(1) ded.	3,100
R. P. Moore, Fresno	$21,867	
	(1) ded.	2,690

Plumbing

Frank Hudson, Fresno	$1,952
B. A. Newman, Fresno	2,145
A. Stadille, Madera	2,150
Barrett Hicks Co., Fresno	2,483

Electric

American Electric Cons. Co., 462 Bryant St., S. F.	$3,340
Davis Elec. Co., Coalinga	3,360
R. L. Stansfield, Lindsay	4,030

Bids held under advisement until Sept. 28th.

BIDS WANTED
PHOENIX, Ariz.—Until Oct. 23, 10 A. M., bids will be received by Department of the Interior, Purchasing Office, 18th and F Sts., N.W., Washington, D. C., for the construction of a concrete block dormitory building, residence and dining hall at Phoenix Sanatorium, Phoenix. Certified check or bond for 5% must accompany each bid. Plans and specifications may be obtained from the above office upon deposit of a certified check or money order for $25 for each set.

Bid Opening Postponed Until Oct. 1, 10 A. M.
ADDITIONS Cost, $1,500
NAPA, Calif.
Additions and improvements at Napa County Infirmary Buildings (add rooms, etc.).
Owner—County of Napa.
Architect—LeRoy Hunt, 989 2nd St., Napa.
Plans and specifications may be obtained from the County Clerk.

Preparing Sketches
HOSPITAL
HOLLISTER, San Benito Co., Calif.
New County Hospital.
Owner—County of San Benito.
Architect—Robert Stanto, Hotel Del Monte, Del Monte.
Application will be filed with the PWA for a grant to assist in financing.

BID OPENING POSTPONED
SANTA ROSA, Sonoma Co., Calif. —Until October 7, 10 a.m. (date postponed from Sept. 21), bids will be received by the Sonoma Co. Board of Supervisors for furnishing and installing hospital equipment in the new Sonoma County Hospital, Santa Rosa. Plans prepared by Architect John I. Easterly, 302 Grant Street, Healdsburg and Santa Rosa.
Bids are being taken as follows:
(1) Electric fixtures;
(2) Radio equipment;
(3) Electric clocks;
(4) Strip heaters;
(5) Refrigeration and ice plant equipment;
(6) Incinerator;
(7) Sterilizing equipment;
(8) Venetian blinds;
(9) Metal lockers;
(10) Surgical and ward equipment;
(11) Sheeting;
(12) Bedding and linens;
(13) X-Ray and dark room equipment;
(14) Furniture;
(15) Kitchen equipment;
(16) Kitchen range;
(17) Kitchen utensils;
(18) Laboratory equipment;
(19) Surgical instruments;
(20) Water softener and chlorinator.
Bids are being received on separate items and on a lump sum basis.
Plans and specifications may be obtained from the architect and from the county clerk, courthouse, Santa Rosa, upon deposit of $10.00. A set is also on file in the offices of the San Francisco Builders' Exchange, 666 Mission Street, and the Oakland Builders' Exchange, 354 Hobart St.

BIDS WANTED
SAN FRANCISCO.—Until September 29, 10 a.m., bids will be received by Custodian, U. S. Marine Hospital, 14th Ave. and Lake Street, for window ventilators at the Marine Hospital.
Specifications may be obtained from above office.

10— HOTELS

Contract Awarded
ADDITION Cost, $12,500
SAN RAFAEL, Marin Co., Calif. B Street.
Alterations and additions to Class C hotel building (install new bar, etc.), steel and concrete construction.
Owner—Tony Savoini, San Rafael.
Architect—Italo Zanolini, care Contractor.
Contractor—DeLuca & Son, Inc., 1745 Filbert St., San Francisco.

Low Bidders
HOTEL Cost, $.....
ANGELS CAMP, Calaveras Co., Cal.
Four-story reinforced concrete or brick hotel building (30 rooms), steam heating system, air conditioning system, etc.
Owner—Hotel Bazinett.
Architect—Glenn Allen, 412 E. Main St., Stockton.
Moore & Roberts, 693 Mission St., San Francisco, submitted low bid on brick alternate.
Sam Eyre, Tracy, submitted low bid on concrete alternate.
Electric, plumbing and heating bids under advisement.

BID OPENING POSTPONED
SEATTLE, Washington.—Until October 1, 3 p.m. (date postponed from Sept. 9), bids will be received by H. D. Van Eaton, Supervisor, Division of Purchasing, Department of Finance, Budget and Business, Insurance Building, Olympia, for furnishing living room and reception room furniture, rugs, curtains, over-draperies, Venetian blinds, etc., for Women's Residence Hall, and upholstered furniture for Health Center Building, University of Washington Campus, Seattle, Wash.
Specifications may be obtained from above office.

11—ICE AND COLD STORAGE PLANTS

CONTRACT AWARDED
COVINA, Los Angeles Co., Calif.—Frank Nance, 427 Adams Park Dr., Covina, awarded contract for erection of pre-cooling plant at Azusa Orange Company's packing house, at Azusa Ave. and the Southern Pacific tracks, Covina.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS OPENED
SAN FRANCISCO.—Ed. B. Ward & Co., 270 Fremont St., at $1,360 submitted low bid to the Department of Public Works, City Hall, for remodeling of steam curtain at the Municipal Opera House. Chas. Sawyer, city architect.
Complete bids follow:

Edward B. Ward & Co.	$1,360
M. J. Reeves Heating Co.	1,479
Knittle Brothers	2,114

Bids under advisement.

Preparing Working Drawings
COUNTY BLDG. Cost, $190,000
SANTA CRUZ, Santa Cruz Co., Cal.
Three-story reinforced conc. county jail (30 cells) and office building (120x85 feet.)
Owner—County of Santa Cruz.
Architect—Albert Roller, Crocker 1st National Bank Bldg., San Francisco.
Plans will be completed in about three weeks.

BIDS WANTED
LOWER LAKE, Lake Co., Calif.—Until Sept. 29, bids will be received by the County Clerk's office for the construction of a new justice court house building for the Lower Lake District

BIDS REJECTED
CHESTER, Plumas Co., Calif.—C. H. Coyne, Quincy, Calif., at $6,180.00

submitted only bid to John Donnen-Wirth, County Clerk, Quincy, for the construction of a jail for Chester. Bids rejected. 3

Contract Awarded
FIREHOUSE Cont Price, $24,732
COALINGA, Fresno Co., Calif.
Two-story firehouse.
Owner—City of Coalinga.
Architect—F. L. Swartz, Brix Bldg., Fresno.
Contractor—Midstate Const. Co., 245 Clinton St., Fresno.
Complete bids follow:
Midstate Const. Co., Fresno.....$24,732
T. C. Irwin, Fresno..... 24,989
R. W. Brown, Fresno..... 24,956
Harris Const. Co., Fresno..... 25,345
Fisher & McNulty, Fresno..... 25,180
W. J. Ochs, Fresno..... 25,775
Hogdson & Son, Porterville..... 25,885
J. Frank Brown, Fresno..... 27,290
R. E. Lewis, Corcoran..... 28,362

Planned
AUDITORIUM Cost, $——
SAN MATEO, San Mateo Co., Calif.
New civic auditorium.
Owner—City of San Mateo.
Architect—Not Selected.
Further details will be announced shortly.

BOND ELECTION PLANNED
MENDOCINO CO., Calif.—Mendocino County will vote in November, on a proposal to issue bonds in the amount of $60,000, proceeds to finance construction of a new county jail.

CONTRACT AWARDED
SAN FRANCISCO.—Ed. B. Ward & Co., 270 Fremont St., at $1,360, awarded contract by the Department of Public Works, City Hall, to remodel steam curtain at the Municipal Opera House. Chas. Sawyer, city architect. 2

Preparing Working Drawings
COUNTY BLDG. Cost, $190,000
SANTA CRUZ, Santa Cruz Co., Calif.
Three-story reinforced conc. county jail (30 cells) and office building (120x85 feet).
Owner—County of Santa Cruz.
Architect—Albert Roller, Crocker 1st National Bank Bldg., San Francisco.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans will be completed in about three weeks.

BIDS WANTED
FRESNO, Fresno Co., Cal.—Until October 1, 11 A. M., bids will be received by H. S. Foster. City Clerk, Fresno, for furnishing and installing a public address system in the Fresno Memorial Auditorium.
Plans and specifications may be obtained at Rm. 8, City Hall, Fresno.

BIDS WANTED
FRESNO, Fresno Co., Cal.—Until October 1, 11 A. M., bids will be received by H. S. Foster, City Clerk. Fresno, for furnishing and installing freight elevator in the Fresno Memorial Auditorium.
Plans and specifications may be obtained at Rm. 8, City Hall, Fresno.

14— RESIDENCES

Sub Contracts Awarded
RESIDENCE Cost, $6,600
CARMEL POINT, Monterey Co., Calif.
One-story frame residence (6 rooms), stone veneer, shake roof, plaster interior, air conditioning system, central heat, hardwood and linoleum floors, copper pipe and flashing, etc.
Owner—Dr. D. H. Anderson, Carmel.
Architect—Not Given.
Contractor—Hugh Comstock, Carmel.
Roofing—Carmel Building Specialties Co., Carmel.
Plumbing—A-D-H Company, Carmel.
Electric Wiring—Langlais Electric Co., Pacific Grove.
Heating—Carmel Building Specialties Co., Carmel.
Sheet Metal—A-D-H Company, Carmel.
Glass—Carmel Building Specialties Co., Carmel.
Hardwood Floors—E. G. Finn Hardwood Co., Watsonville.
Iron Grille Work—Forge In The Forest, Carmel.
Grading—Frank De Amaral, Carmel Highlands.
Lumber—M. J. Murphy, Carmel.
Painting—Leo C. Weber, Pacific Grove.
Lathing and Plastering — George J. Turner, Pacific Grove.
Linoleum—Rudolph's Furniture Co., Monterey.

Contract Awarded
RESIDENCE Cost, $7,000
SAN MATEO, San Mateo Co., Calif. 303 Seville Way.
One - story frame and stucco residence.
Owner—Harold B. Phelps.
Architect—Not Given.
Contractor—San Mateo Inv. Co., 2562 S. El Camino, San Mateo. 4

Contract Awarded
RESIDENCE Cost, $6,000
HALF MOON BAY, San Mateo Co., Calif. Poplar and Hi-way.
One - story frame and stucco residence.
Owner—N. Radabough, Main Highway, Half Moon Bay.
Architect—Not Given.
Contractor—R. J. Lewis, care owner.

Plans Being Figured—Bids Close Sept. 29, 10 A. M.
RESIDENCE Cost, $——
SAN FRANCISCO. Darien Way and Manor Drive.
Two - story frame and stucco residence (7 rooms, 2 baths) composition roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—A. D. McLean.
Architect—Vincent Rainey, 233 Post.
Fred K. DuPuy, 110 Sutter St., is figuring the plans and desires sub-bids on all portions of the work.

Contract Awarded
RESIDENCE Cost, $6,000
REDWOOD CITY, San Mateo Co., Calif. 23 Hillview Avenue.
One - story frame and stucco residence.
Owner—Herman Phillips.
Architect—Not Given.
Contractor—H. T. Coykendale, 128 Hudson St., Redwood City. 4

Contract Awarded
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
Two - story frame and stucco residence (8 rooms and 3 baths).
Owner—W. A. Doble.
Architect—D. D. Stone, 381 Bush St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. W San Juan N Cayuga.
One - story and basement frame residence.
Owner and Builder—H. Barber, 225 College Avenue.
Architect—Not Given.

Plans Being Revised
RESIDENCE Cost, $——
BERKELEY, Calif. Le Conte Ave.
One-story and basement frame and stucco residence (5 rooms).
Owner—Name withheld.
Architect—Williams & Wastell, 374 17th St., Oakland.
New bids to be asked later.
On previous bid opening, lowest bid was submitted by Albert Haskell, 255 Ridgway Ave., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $4,500
SAN FRANCISCO. E Virgil S 25th Street.
One - story and basement frame residence.
Owner and Builder—Schmidt Bros., 2888 Folsom Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $4,500
SAN FRANCISCO. W Nebraska N Cortland Avenue.
One - story and basement frame residence.
Owner and Builder—Schmidt Bros., 2888 Folsom Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,485
MILL VALLEY.
One-story frame residence (6 rooms, sleeping porch and garage).
Owner—Donald Sias, Mill Valley.
Architect—John H. Meigs, Sausalito.
Contractor—Melvin H. Klyce, 34 Eugene St., Mill Valley. 4

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. E Castenada N Pacheco.
One - story and basement frame residence.
Owner—Frank Mueller, 295 Bay St.
Architect—Not Given.
Contractor—A. Haigren, 1594 29th Avenue.

Being Done By Day's Work
RESIDENCE Cost, $15,000
GRASS VALLEY, Nevada Co., Calif.
Two-story and basement frame and brick veneer residence (7 rooms, 3 baths), composition shingle roofing, gas heating system, steel sash, hardwood floors, tile baths; 3-car garage.
Owner—A. B. Snyder, Brockington Court, Grass Valley.
Architect—Jens C. Petersen, 812 26th St., Sacramento.

Contract Awarded
RESIDENCE Cost, $——
LOS ALTOS, Santa Clara Co., Calif. Los Altos Golf & Country Club.
One-story frame residence (4 rooms).
Owner—C. J. Eaton.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Contractor—Dudley Construction Co., care Architect.

Contract Awarded
RESIDENCE Cost, $3,400
CARMEL VALLEY, Monterey Co., Calif.
One-story rough redwood residence (4 rooms and bath, with garage); redwood shake roof; redwood interior; cement floors; fireplaces; standard plumbing goods.
Owner—Herbert Cerwin, Carmel, Calif.
Architect—Not Given.
Contractor—Hugh Comstock, Carmel, Calif.

Contract Awarded
RESIDENCE Cost, $5,700
MONTEREY PENINSULA COUNTRY CLUB, Monterey Co., Calif.
One-story stucco and rustic residence (8 rooms, 3 baths); redwood shake roof; plaster and wood interior; hardwood floors; central heating system; standard plumbing goods.

Owner—Wm. B. Gibson, San Francisco, Calif.
Architect—Not Given.
Contractor—Hugh Comstock, Carmel, Calif.

Sub-Contracts Awarded
RESIDENCE Cost, $6,000
SACRAMENTO, Sacramento Co., Cal. 5547 J Street.
Two-story frame and stucco residence.
Owner—A. Puccinelli, 1111 33rd St., Sacramento.
Architect—Not Given.
Contractor—J. A. Saunders, 1045 45th Street, Sacramento.
Plumbing—A. Romack.
Electric Wiring—Frank Mervin.
Tile—Reliable Tile Company.
Glass—T. E. Caln Company.
Window Shades — Sacramento Window Shade Co.
Hardwood Floors—Safe Way Flooring Company.
Iron Grille Work—Palm Iron W'ks.
Brick & Stone Work—Rich. Schmidt.
Foundations—Carl Fiedler.
Lumber—Dolan Lumber Company.
Mill Work—Capitol Lumber Co.
Hardware—Shorrock Smith.
Lathing & Plastering—R. L. Thompson.
Concrete—Carl Fiedler.
All of Sacramento.

Plans Being Revised
RESIDENCE Cost, $.....
SAN FRANCISCO.
Two-story and basement frame and stucco residence (8 rooms).
Owner—Mr. Taylor.
Architect—M. J. Rist, Phelan Bldg.
Bids will be asked in about one week.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 378 Perkins Street.
One-story frame residence (4 rooms).
Owner—Mrs. Myrtle Hass, Palmera Court, Alameda.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $4000 ea.
SAN FRANCISCO, Calif. Scotia and Silver Avenues.
Six one-story and basement frame residences.
Owner and Builder—M. T. Struthers, 4250 Mission St., San Francisco.
Architect—Not Given.

Planned
RESIDENCES Cost, $.....
SAN MATEO, Calif. Baywood.
Group of 22 residences.
Owner & Builder—W. S. Leadley, 207 Second Ave., San Mateo.
Architect—Not Given.
Further details will be announced shortly.

Plans Being Revised
STORE AND APTS. Cost, $12,500
SAN FRANCISCO. West Portal Ave.
Two-story frame and stucco store and apartment building (one 6-room apartment and two stores), asbestos shingle and composition roofing, steel and wood sash, gas heating system, etc.
Owner—J. and P. Pinto.
Architect—Harold Stoner, 41 Sutter Street.
Bids will be asked at a later date.

To Be Done By Day's Work
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Calif. 93 Beechwood Drive.
Two-story and basement frame and stucco residence (10 rooms).
Owner and Builder—Chas. E. Bardwell, Jr., 5910 Acacia Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $9,800
PIEDMANT, Alameda Co., Calif. 542 Blair Avenue.
Two-story residence (7 rooms and garage).
Owner and Builder—Sigwald Bros., 916 Alma Ave., Oakland.
Architect—Ray Keefer, 770 Wesley Ave., Oakland.

Bids Rejected
RESIDENCE Cost, $6,500
REDWOOD CITY, San Mateo Co.
One-story and basement frame residence (6 rooms) wood exterior, shingle roof, gas forced hot air heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Mrs. Margaret McShane.
Architect — Otto Hintermann, Call Bldg., San Francisco.
Plans will be revised.

Contract Awarded
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. N Grafton West Jules.
Two one-story and basement frame residences.
Owner—The McCarthy Co., 333 Kearny Street.
Architect—Not Given.
Contractor — Aetna Const. Co., 1730 24th Avenue.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN FRANCISCO, Calif. W. Junipero Serra Blvd., N Ocean Ave.
Two-story and basement frame and stucco residence .
Owner & Builder—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Cal. 2471 Cordova St.
Two - story frame and stucco residence (six rooms).
Owner and Builder—J. W Scammell, 3161 Fruitvale Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. Upland Dr. and Pinehurst Ave.
One - story and basement frame and stucco residence.
Owner and Builder—Michael & Bomerer, 762 DeHaro St.
Architect—Conrad T. Kett, 519 California Street.

Contract Awarded
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. 25th and Harrison Streets.
Two one-story and basement frame and stucco residences.
Owner—L. Armanini, 542 Vienna St.
Architect—Not Given.
Contractor—John Oliva, 542 Vienna Street.

Sub-Contracts Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. Cumberland St.
One - story and basement frame and stucco residence (five rooms) tile roof, gas heating system, wood sash, hardwood floors, tile bath.
Owner—George Schicht.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—E. W. Perkins, 3500 Fulton Street.
Roofing—Abil Fisher.
Plumbing—C. Harper.
Electric Wiring—Richmond Elec. Co.
Glass—Hovious Glass Company.
Window Shades—D. N. & E. Walter.
Iron Grille Work—Sunset Iron W'ks.
Brick and Stone Work—R. A. Holding.
Foundations—Golden West Conc. Co.
Lumber—Smith Lumber Company.
Mill Work—Harders Planing Mill.
Concrete—Golden West Concrete Co.

Plans Being Prepared
DUPLEX RES. Cost, $.....
SAN MATEO, Calif.
One-story frame and rustic duplex residence (2 4-room residences), shingle roof, floor furnaces, wood sash, etc.
Owner—Name withheld.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be taken in about two weeks.

Sub Contracts Awarded
RESIDENCE Cost, $.....
PIEDMONT, Alameda Co., Calif.
Two - story frame and stucco Early California Type residence (twelve rooms, 6 bedrooms and 5 baths), wood roof, hardwood floors, plaster walls, gas hot air heating system, fireplaces, tile baths.
Owner—Milo Gates.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—William Livingston, 1152 Euclid Ave., Berkeley.
Roofing—W. C. & W. L. Ridout, 642 Pacific Ave., Alameda.
Plumbing—Chas. W. Knights, 1634 Grove St., Berkeley.
Electric Wiring — Berkeley Electric Co., 1998 Shattuck Ave., Berkeley.
Heating—Aladdin Heating Corporation, 5107 Broadway, Oakland.
Sheet Metal—J. C. Owens, 1616 Carlton, Berkeley.
Glass—Hager Sash & Door Co., 1290 Cedar St., Berkeley.
Brick & Stone Work—W. H. Wisheropp, 3749 Quigley St., Oakland.
Grading—Ariss-Knapp Co., 961 41st St., Oakland.
Lumber—Hogan Lumber Co., 2nd & Alice Sts., Oakland.
Mill Work—Sheehan-Ballard Planing Mill Co., 9th & Parker Sts., Berkeley.
Painting—A. E. Rentree, 416 63rd St., Oakland.
Lathing & Plastering—W. Mavletti.
Concrete—Ensor H. Buei, 2927 Lorina St., Berkeley.

Contract Awarded
RESIDENCE Cost, $4,997
SEBASTOPOL, Sonoma Co., Calif.
One-story and basement frame and stucco residence (5 rooms), board and batten exterior, shake roof, wood sash, hardwood floors, etc.
Owner—George Carlisle.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Sam Swindler, 353 Florence Ave., Sebastopol.
Complete bids published Sept. 15.

Contract Awarded
RESIDENCE Cost, $3,000
ALAMEDA, Calif. 1722 Tregloan Pl.
One-story frame and stucco residence (5 rooms).
Owner—Lennie Dignon, 1131 Fountain St., Alameda.
Architect—Not Given.
Contractor—J. Erickson, 1229 Pearl St., Alameda.

Contract Awarded
RESIDENCE Cost, $6,000
ALAMEDA, Calif. Otis Drive.
One-story frame and stucco residence (5 rooms).
Owner—J. A. Young, 1279 Walnut St., Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.

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Contract Awarded
RESIDENCE Cost, $5,000
ALAMEDA, Calif. Fremont Drive.
One-story frame and stucco residence (5 rooms).
Owner—William Phelan, Alameda, Calif.
Architect—Not Given.
Contractor—J. H. Pickrell, 1736 Alameda Ave., Alameda.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO, Calif. Beach and Webster Streets.
One-story frame and stucco residence.
Owner—W. C. Mugg, care Contractor.
Architect—Not Given.
Contractor—Oliver M. Rousseau, 321 Kearny St.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif. Underwood and Lane Streets.
One-story and basement frame and stucco residence.
Owner—Joe Merello, care Contractor.
Architect—Not Given.
Contractor—G. Carraro and Sons, 750 Felton St., San Francisco.

Contract Awarded
RESIDENCE Cost, $6,000
MILLBRAE, San Mateo Co., Calif. Hazel Avenue.
One-story and basement frame and stucco residence.
Owner—N. Schultz.
Architect—Not Given.
Contractor—Schultz Const. Co., 1 Hillcrest Blvd., Millbrae Highlands.

Contract Awarded
RESIDENCE Cost, $7,000
ALAMEDA, Calif. 706 Pacific Ave.
Two-story frame and stucco residence (6 rooms).
Owner—A. P. Ratto, 706 Pacific Avenue, Alameda.
Architect—Not Given.
Contractor—P. R. Haulman, 1243 Broadway, Alameda.

Sub Contracts Awarded
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 1511-15 Leimert Blvd.
Two-story and basement frame and stucco residence (two 5-room residences).
Owner—H. L. Ross.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—C. O. Peshel, 4276 Fruitvale Ave., Oakland.
Roofing—J. Arnett, 2533 Filbert St., Oakland.
Heating—Atlas Heating & Ventilating Co., 557 4th St., San Francisco.
Lumber—Melrose Lumber Co., 1201 46th Ave., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. 27th Avenue and Moraga.
Two one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. Lawton St. and 43rd Avenue.
Three one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $4,000 each
SAN FRANCISCO, Calif. Clement St. and 31st Ave.
Two 1-story frame and stucco residences.
Owner—J. W. Edmonds, 677 43d Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco.

Contract Awarded
RESIDENCE Cost, $4,500
SAN FRANCISCO. Palou Ave. and Lane.
One - story and basement frame and stucco residence.
Owner—J. Portana, 2073 Quesada.
Architect—Not Given.
Contractor—Joe Yrigoyen, 31 Thornton Avenue.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. 36th Avenue and Vicente.
Seven one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,500
SAN JOSE, Santa Clara Co., Calif. 585 N. San Pedro St.
Two-story frame and stucco residence (7 rooms).
Owner—Milio Ferrari, 45 W. San Fernando St.
Architect—Not Given.
Contractor—A. R. Cavelli, 1625 Emory St.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 699 N. 17th St.
One-story frame and stucco residence (5 rooms).
Owner—Peter Pasquinelli, 17th and Taylor Streets.
Architect—Not Given.
Contractor—Sal Guardino, 690 Mission St.

Sub Contracts Awarded
RESIDENCE Cost, $21,921
HILLSBOROUGH, San Mateo Co., Calif.
Two-story frame and stucco residence.
Owner—Mr. Whatley.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—Arthur Payne, P.O. Box 274, Redwood City.
Roofing—David Roofing Co., Palo Alto.
Plumbing—N. Dopper, Redwood City.
Electric Wiring—Coast Electric Co., Redwood City.
Heating—B. B. Strim, San Mateo.
Tile—Broomhall Tile Co., San Carlos.
Glass—W. P. Fuller Co., 301 Mission St., San Francisco.
Hardwood Floors—White Oak Floor Co.
Iron Grille Work—San Mateo Forge Co.
Brick & Stone Work—C. Mills, Palo Alto.
Grading—E. D. Badger, Redwood City.
Lumber—Wishom Lumber Co., San Mateo.
Mill Work — Pacific Manufacturing Co., Santa Clara.
Painting—J. F. Killelea, San Mateo.
Lathing & Plastering—W. Badie, Redwood City.
Concrete—A. Payne, Redwood City.

Contract Awarded
ALTER RESIDENCE Cost, $3,400
OAKLAND, Alameda Co., Calif. 15th and San Pablo.
Alter residence.
Owner—Margaret and Mary Dunn 15th and San Pablo, Oakland.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Wilber C. Cone, 608 16th St., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN MATEO, San Mateo Co., Calif. 309 Delmar Way.
One - story frame and stucco residence.
Owner and Builder—San Mateo Inv. Co., 2562 S. El Camino Real, San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,000
SAN MATEO, San Mateo Co., Calif. Westside and Grinnell.
One - story frame and stucco residence.
Owner—Newell C. Post.
Architect—Not Given.
Contractor—Jas. H. McFarland, 710 47th Ave., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN MATEO, San Mateo Co., Calif. 305 Delmar Way.
Owner and Builder—San Mateo Inv. Co., 2562 S. El Camino Real, San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,500
BURLINGAME, San Mateo Co., Cal. Lot 13 Block 6, Oak Grove.
One - story frame and stucco residence.
Owner—R. H. Clark.
Architect—Not Given.
Contractor—Louis J. Roberts, 121-A Carl St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
Lot 7 Blk 22, Humboldt.
One - story frame and stucco residence.
Owner and Builder—J. H. Clifford, 110 S. Humboldt, San Mateo.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
SAN MATEO, San Mateo Co., Calif Lot 19 Blk 10, Aragon.
One - story frame and stucco residence.
Owner and Builder—H. Hultberg, 29 San Mateo Drive, San Mateo.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $12,500
PALO ALTO, Santa Clara Co., Calif. 1720 Guinda Street.
Two-story frame and stucco residence (garage).
Owner & Builder—David D. Bohannon, Oakwood Place and Sonoma Place, Menlo Park, Calif.
Architect—Wallace A. Stephen, Bellehaven City, Calif.

Sub Contracts Awarded
BUNGALOW COURT Cost, $15,000
BURLINGAME, San Mateo Co., Cal. Bellevue Avenue.
Two-story frame bungalow court.
Owner—Leroy Preston.
Architect—Not Given.
Contractor — O. C. Spanheim, 236 Park Road, Burlingame.
Plumbing—Harry Lee, 220 California Drive, Burlingame.
Sheet Metal—G. & M. Sheet Metal Works, 504 9th Ave., San Mateo.
Lumber—San Mateo Planing Mill, San Mateo.
Concrete—H. E. Casey, San Mateo.

Sub Contracts Awarded
RESIDENCE Cost, $6,000
PACIFIC GROVE, Monterey Co., Calif.
One-story rustic residence (5 rooms), hardwood floors, shake roof,

plaster interior; air conditioning; two-car garage.
Owner & Builder—Hugh Comstock, Carmel.
Architect—Not Given.
Roofing—Carmel Building Specialties, Carmel.
Plumbing—Pacific Heating & Plumbing Co., Monterey.
Heating—Carmel Building Specialties, Carmel.
Sheet Metal—Anderson Dougherty Hargis, Carmel.
Glass—W. P. Fuller & Company, 301 Mission St., San Francisco.
Hardwood Floors—E. G. Finn Hardwood Co., Watsonville.
Lathing & Plastering—Geo. J. Turner, Pacific Grove.

Sub Contracts Awarded
RESIDENCE Contract Price, $8,100
SAN JOSE, Santa Clara Co., Calif. Emory and Morse Streets.
Two-story and basement frame and stucco residence (7 rooms and 2 baths), tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—E. Rosenthal.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Ernest Hathaway, 1102 S. 6th St., San Jose.
Plumbing—J. J. Johnson, 1520 Shortridge Ave., San Jose.
Electric Wiring—Flemming Electric Co., 377 E. Julian, San Jose.
Heating — California Sheet Metal Works, 357 W. San Carlos St., San Jose.
Hardwood Floors—San Jose Floor Service Co., San Jose.
Iron Grille Work—Engfer Iron Wks., P.O. Box 11, San Jose.
Brick & Stone Work—Harry Redicker, Rt. 1, Box 419-A, San Jose.
Grading & Foundations—Pyle Bros., 1404 Jonathan Ave., San Jose.
Lumber—Santa Clara Lumber Co., Santa Clara.
Hardware—San Jose Hardware Co., San Jose.
Painting—George Cahill, 763 E. Julian St., San Jose.
Lathing & Plastering — Magers & Carson, San Jose.
Concrete—Pyle Bros., 1404 Jonathan St., San Jose.
Roll Screens—Christopher & Schmidt, 418 S. Market St., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
SAN MATEO, Calif. Lot 13, Blk. 19, Avilla.
One-story frame and stucco residence.
Owner and Builder—Allan McIntyre, 446 Highland, San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $5,500 each
SAN MATEO, Calif. 26th Avenue.
Two one-story frame and stucco residences.
Owner—Carl Gellert, 218 Castenada Ave., San Francisco.
Architect—Not Given.
Contractor—Standard Building Co., 20th & Judah St., San Francisco.

Contract Awarded
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 1027 Park Lane.
Two-story frame and stucco residence (7 rooms).
Owner—E. Rose, 2448 Sacramento St., Berkeley.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Contractor — Parsons & Williams, 2268 80th Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $6,000
BURLINGAME, San Mateo Co., Cal. Lot 4 Block 6, Oak Grove.
One - story frame and stucco residence.
Owner—P. E. Elliott, 210 Peninsula, San Mateo.
Architect—Not Given.
Contractor—Bessett Building Co., 826 Walnut Ave., Burlingame.

Sub-Bids Awarded
RESIDENCE Cost, $15,000
SAN MATEO, San Mateo Co., Calif. Franklin and Quiginea Streets.
Two - story frame and stucco residence.
Owner—J. L. Collins, 1476 Drake St., San Mateo
Architect—Not Given.
Contractor—Geo. W. Williams Co., 15 Primrose Road, Burlingame.
Plumbing—Harry Lee, 220 California Drive, Burlingame.
Electric Wiring—Medley Electric Co. 1069 Broadway, Burlingame.
Mill Work—Pacific Mfg. Co., 639 B St., San Mateo.

Sub Contracts Awarded
RESIDENCE Cost, $5,700
PEBBLE BEACH, Calif.
One-story frame and stucco residence (4 rooms); hardwood floors, central heating, shake roof, two-car garage, etc.
Owner—A. M. Watson, Carmel.
Architect—Not Given.
Contractor — Hugh W. Comstock, Carmel.
Roofing—Carmel Building Specialties, Carmel.
Plumbing — Pacific Heating and Plumbing, Monterey.
Heating & Sheet Metal — Carmel Building Specialties, Carmel.
Glass—Carmel Building Specialties, Carmel.
Hardwood Floors—E. G. Finn Hardwood Co., Watsonville.
Grading—Frank De Amaral, Carmel Highlands.
Hardware—Carmel Building Specialties, Carmel.
Lathing & Plastering — George J. Turner, Pacific Grove.

Sub Contracts Awarded
RESIDENCE Cost, $10,000
SAN MATEO, Calif. Fulton Road.
Two-story and basement frame and stucco residence.
Owner and Builder — Lengfeld & Olund, 220 Third Ave., San Mateo.
Architect—Not Given.
Plumbing—Harry Lee, San Mateo.
Electric Wiring—Atlas Electric Co., San Mateo.
Heating & Sheet Metal — G. & M. Sheet Metal Works, San Mateo.
Brick & Stone Work—C. Ohran & Sons, Burlingame.
Mill Work — Pacific Manufacturing Co., Santa Clara.
Painting—E. Petterson, San Mateo.

Preparing Plans
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Cal.
Two-story frame and brick veneer residence (7 rooms, 2 baths) tile baths, shingle roof, oak floors.)
Owner—Withheld.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Bids will be asked in about two weeks.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
SAN FRANCISCO. Maywood Drive and Brentwood Avenue.
Two - story and basement frame residence.
Owner and Builder—Paul A. Wolter, Jr., 190 Maywood Drive.
Architect—Earl MacDonald, 110 Sutter Street.

Contract Awarded
RESIDENCE Cost, $6,950
LOS GASTOS, Santa Clara Co., Cal.
One - story and basement frame and stucco residence (7 rooms and 2 baths) shake roof, gas heating system, hardwood floors, tile baths, etc.; Early California style
Owner—Harry A. White.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.
Contractor—M. W. Reese, 1210 Minnesota Ave., San Jose.

Sub-Contracts Awarded
RESIDENCE Cost, $15,000
SAN FRANCISCO. Cumberland and Church Streets.
Two-story and basement frame and stucco residence (12 rooms and 3 baths).
Owner—Mr. Tarazellier.
Architect—Faber and Hildebrand, 110 Sutter Street.
Contractor—Fred K. DuPuy, 10 Sutter Street.
Glass and Glazing—Arthur Goepp, 70 Twelfth Street.
Heating & Sheet Metal—Colan Htg. & Sheet Metal Co., 1060 Folsom.
Lathing & Plastering—Ruance Jensen, 2455 14th Ave.

Contract Awarded
RESIDENCE Cost, $5,000
SAN MATEO, Calif. 14 Maple Ave.
One-story frame and stucco residence.
Owner—Hugh London.
Architect—Not Given.
Contractor—Peninsula Builders, 1150 Burlingame Ave., Burlingame

Contract Awarded
RESIDENCE Cost, $6,000
SAN MATEO, Calif. 819 Maple Ave.
One-story frame and stucco residence.
Owner—H. L. Henricksen.
Architect—Not Given.
Contractor—San Mateo Investment Co., 2562 S. El Camino Real, San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. 29th Avenue and Rivera.
One - story and basement frame residence.
Owner and Builder—Happy Homes Bldg. Co., 2194 30th Ave.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
SAN MATEO, Calif. 145 Castillian Way.
One-story frame and stucco residence.
Owner—Ernest Landberg, 1011 Cortez Ave., Burlingame.
Architect—Not Given.
Contractor—San Mateo Investment Co., 2652 S. El Camino Real, San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
BURLINGAME, San Mateo Co., Cal. Lot 26 Blk 28, Bloomfield.
One - story frame and stucco residence.
Owner & Builder—Hammer & Bosch, 1090 Burlingame Sq., Burlingame.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,000
BURLINGAME, San Mateo Co., Cal. De Soto Avenue.
Two - story frame and stucco residence.
Owner—D. A. Reade, 1008 Cabrillo, Burlingame.
Architect—Not Given.
Contractor—Wilfred H. May, 829 Balboa St., San Francisco.

Plans Being Figured—Bids Close Sept. 25, 12 Noon.
RESIDENCE Cost, $——
SAN FRANCISCO. Balboa Terrace.
One - story and basement frame and stucco residence (6 rooms and 2 baths) asbestos shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—J. M. Corkery.
Architect—F. F. Amandes, 414 Dewey Boulevard.
Fred K. DuPuy, 110 Sutter St., is figuring the plans and desires sub-bids on all portions of the work.

BIDS REJECTED
RESIDENCES
OAKLAND, Alameda Co., Cal. Winthrop and Holmes Streets.
Two one-story frame and rustic residences (3 rooms each); tar and gravel roofing, gas heating system, wood sash, hardwood floors, etc.).
Owner—Name withheld.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.
Plans being revised. New bids will be asked later. At previous bid opening, W. Vernon Bernard, Berkeley, at $7,119, submitted low bid.

Sub Contracts Awarded
RESIDENCES Cost, $6,000 each
OAKLAND, Alameda Co., Calif. Thornhill Park.
Two one-story and basement frame and stucco residences (one 5-room and one 7-room).
Owner—E. R. DeChene, 364 14th St., Oakland.
Plans by Owner.
Contractor—James L. Rich, 556 37th St., Oakland.
Plumbing—J. Althouse, 829 E. 19th St., Oakland.
Electric Wiring—R. F. Long, 8213 E. 14th St., Oakland.
Heating & Sheet Metal—J. C. Owens, 1616 Carleton St., Berkeley.
Glass—East Bay Glass Co., 621 6th St., Oakland.
Brick & Stone Work—A. B. McMurtry, 1217 Grand Ave., Oakland.
Foundations—L. E. Covisone.
Lumber—E. K. Wood Lumber Co., Oakland.
Hardware—B. Simon, 639 Broadway, Oakland.
Lathing & Plastering—C. E. Davidson, 811 St. Mary Ave., San Leandro.

Contract Awarded
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Calif. 96 Sonia Street.
Two - story frame and stucco residence (six rooms).
Owner—John Brussasco, 4526 West St., Oakland.
Architect—Not Given.
Contractor—C. Tollefsen, 1720 39th Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Cal. 5546 Masonic Avenue.
One-story frame residence (4 rooms)
Owner—N. H. MacDonald.
Architect—Miller and Warnecke, Financial Center Bldg., Oakland.
Contractor—Mark Bristol & Co., 1038 McKinley Ave., Oakland.

Postponed Indefinitely
ALTERATIONS Cost, $——
SAN MATEO, San Mateo Co., Calif.
Alterations to residence (new baths, plumbing, etc.)
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Sub-Bids Being Taken
RESIDENCE Cost, $——
SAN FRANCISCO. NW 29th Avenue and Rivera Street.
One - story and basement frame and stucco residence (5 rooms, breakfast room and social hall), shingle roof, gas heating system, wood sash, tile bath, hardwood floors, etc.
Owner—Happy Homes Realty Company, 2194 30th Avenue.
Plans by Owner.
Sub-bids are wanted on all portions of the work.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
SAN MATEO, San Mateo Co., Calif. Lot 18 Blk 11, Castilian Way.
One - story and basement frame and stucco residence.
Owner and Bernhard Wiklander, 29th and Juno, San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,500
BURLINGAME, San Mateo Co., Cal. Lot 18 Block 6, Capuchino.
One - story and basement frame and stucco residence.
Owner—J. A. Dean.
Architect—Not Given.
Contractor—James Horne, 869 California Drive, Burlingame.

Contract Awarded
RESIDENCE Cost, $5,500
SAN MATEO, San Mateo Co., Calif. Lot 10, Hacienda.
One - story and basement frame and stucco residence.
Owner—E. Olund, 2895 Hacienda, San Mateo.
Architect—Not Given.
Contractor—Lengfeld and Olund, 220 Third Ave., San Mateo.

Plans Being Revised
RESIDENCE Cost, $12,000
SAN FRANCISCO. Magellan Avenue (Forest Hill).
Two-story and basement frame and stucco residence (10 rooms and 3 baths), English style; slate roof, air conditioning plant, wood sash, tile baths, hardwood floors, brick steps, etc.
Owner—Harold Daly.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Plans ready for bids about Sept. 28, 1936.

To Be Done By Day's Work
RESIDENCES Cost, $.....
RICHMOND, Contra Costa Co., Calif. Rheem Ave., bet. 26th and 28th Sts.
Four one-story frame and stucco residences (Spanish and English types), 6 rooms each.
Owner & Builder—Chas. M. MacGregor, Albany.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $9,000
SAN FRANCISCO. Beach St. (Marina District).
Two-story and basement frame and stucco residence (7 rooms and 2 baths) asbestos shingle roof, gas heating system, wood and steel sash, tile baths, hardwood floors.
Owner—M. C. Mugg.
Architect—A. H. Larsen, 333 Kearny Street.
Contractor—Oliver M. Rousseau, 321 Kearny Street.

Sub Contracts Awarded
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Calif. 360 Vassar Avenue.
Two-story frame and stucco residence (seven rooms).
Owner—W. Clark, 1208 Colusa Ave., Berkeley.
Architect—E. L. Snyder, 2104 Addison St., Berkeley.
Contractor — Randolph Parks, 2401 Addison St., Berkeley.
Roofing—Primrose Roofing Co.
Plumbing—W. H. Picard, 5656 College Ave., Oakland.
Electric—Pacific Electric Co., 10th & Oak, Oakland.
Heating & Sheet Metal—J. C. Owens, 1616 Carleton St., Berkeley.
✓ **Brick & Stone Work**—Collins & Son.
Foundations—Ensor Buel, 2927 Lorena St., Berkeley.
Lumber—Oakland Lumber Co., Oakland.
Mill Work—General Mill Co., Oakland.
Hardware—Berkeley Hardware Co., 2154 University Ave., Oakland.
Painting—D. Erickson.
Lathing & Plastering—Frentzen, 1718 Dwight Way, Berkeley.

Sub Contracts Awarded
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif. 757 Hilldale Ave.
One-story and basement frame and stucco residence (6 rooms).
Owner—L. P. Bradley, 964 Euclid Ave., Berkeley.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Contractor—J. L. Rich, 556 37th St., Oakland.
Plumbing—Minogio Bros., 2316 Telegraph Ave., Oakland.
1616 Carleton St., Berkeley.
Heating & Sheet Metal—J. C. Owens,
Hardwood Floors—Ability Floor Co., 1807 40th Ave., Oakland.
✓ **Brick & Stone Work**—A. B. McMurtry, 1217 Grand Ave., Oakland.
Foundations—L. Covisone.
Lumber—Hogan Lumber Co., 2nd & Alice Sts., Oakland.
Hardware—B. Simon, 639 Broadway, Oakland.
Lathing & Plastering—C. E. Davidson, 811 St. Mary Ave., San Leandro.

Contract Awarded
RESIDENCE Cost, $7,000
MILLBRAE, San Mateo Co., Calif.
One and two-story frame and stucco residence (6 rooms and 2 baths) shake roof, gas heating system, wood sash, tile baths, hardwood floors, etc .
Owner—Withheld.
Architect—A. H. Larsen, 333 Kearny St., San Francisco.
Contractor—J. M. Johnson, care architect.

15— SCHOOLS

BIDS REJECTED
WOODLAND, Yolo Co., Calif.—Woodland High School District rejected all bids for furnishing metal bicycle rack for the T. E. Dingle School at Woodland. Lowest bid was submitted by Fred McGrew, Woodland, at $1,182.

Sub Contracts Awarded
SCHOOL Total Cost, $50,000
BERKELEY, Alameda Co., Calif.
Plumbing and heating for concrete and steel school building (St. Mary Magdalene School).
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect — Arnold Constable, 580 Market St., San Francisco.
Contractor—C. T. Merchant, 370 Funston Ave., San Francisco.
Structural Steel—Moore Drydock Co., foot of Adeline St., Oakland.
Reinforced Steel—Gunn Carle & Co., 20 Potrero Ave., San Francisco.
Lumber—Hogan Lumber Co., 2nd & Alice Sts., Oakland.
As previously reported:
Heating—O'Mara & Stewart, 218 Clara St., San Francisco.
Plumbing—Acme Plumbing Co., 1231 Henry St., Berkeley.

Preparing Preliminary Plans
ADDITION Cost, $.....
WOODLAND, Yolo Co., Calif.
One-story reinforced concrete wing addition to High School.
Owner—Woodland High School District.
Architect—P. L. Dragon & C. R. Schmidts, 2068 Allston Way, Berkeley.

CONTRACT AWARDED
WOODLAND, Yolo Co., Calif. — San Joaquin Lumber Company, P.O. Box 71, Woodland, at $1,539, awarded contract by Woodland High School District for construction of new composition roofing on the main building and shop building and making repairs on roof of boys' gymnasium at the High School, Woodland.
P. L. Dragon and C. R. Schmidts, 2068 Allston Way, Berkeley, Architects.

Contract Awarded
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. 747 Creston Road.
Two-story frame and stucco residence (5 rooms).
Owner—Mrs. C. S. Kloss, 670 Woodmont, Berkeley.
Architect—F. Reimers, 233 Post St., San Francisco.
Contractor — Hagen Herndon, 4148 Boyd St., Oakland.

Contract Awarded
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. Grizzly Peak Blvd.
Two-story frame and stucco residence (6 rooms), garage.
Owner—A. Holmes, 624 Euclid Ave., Berkeley.
Architect—E. L. Snyder, 2104 Addison St., Berkeley.
Contractor—R. Parks, 2104 Addison St., Berkeley.

BIDS WANTED
BEATTY, Nev.—Until Sept. 28, 4 P. M., bids will be received by Beatty School District No. 5 for constructing a school building in Beatty, a PWA project. Plans and specifications may be obtained from Architect J. A. Fleming, Boggs Bldg., Los Vegas, upon deposit of $5. Certified or cashier's check or bond for 5% must accompany each bid. 5

Plans Awaiting PWA Approval
RECONST. SCHOOL Cost, $50,000
SAN LEANDRO, Alameda Co., Calif. Dowling Blvd. bet. E. Merle Court and Mitchell Avenue.
Reconstruction of the existing unit (6 classrooms and several administration units at Roosevelt School; wood frame and stucco construction).
Owner—San Leandro School District.
Architect — George Klinkhardt, 1801 Bank of America Bldg., Oakland.
Structural Engineer—H. J. Brunnler, Sharon Bldg., San Francisco.
Upon approval of plans new bids will be asked. On previous bid opening lowest bid was submitted by Geo. Maurer, Piedmont, at $67,049.

BIDS WANTED
LOS ANGELES, Calif.—Until October 23, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., Los Angeles, for administration building, classroom building, shop, physical education building, domestic science building, auditorium and arcades to be erected at South Los Angeles District junior high school, 234 E. 112th St. Cost, $400,000. Myron Hunt and H. C. Chambers, architects; C. Deuel, structural engineer, and E. L. Ellingwood, mechanical engineer. 5

LOW BIDDER
LOS ANGELES, Calif.—Gordon & Thiele Construction Co., 5670 Wilshire Blvd., at $522,000, submitted low bid to Los Angeles board of education (Bid No. 1, all buildings except assembly hall unit "G"), for units A, B, C, D, F, H, I, J, K and L, administration building, four classroom units, cafeteria, heating plant, gymnasium, industrial arts building and arcade, to be erected at the Western District high school, 3637 Farmdale Ave. H. L. Gogerty and C. E. Noerenberg, architects; O. W. Ott, mechanical engineer, and Clayton T. Gibbs, electrical engineer 5

BIDS WANTED
LOS ANGELES, Calif.—Until October 19, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a new administration building, classroom building, cafeteria, physical education building, assembly hall and shop building (Units A, B, C, D, E and F), to be erected at the Western District Junior high school, 5931 West 18th St. Cost, $400,000. Sumner P. Hunt, architect; William Mellema, structural engineer, and E. L. Ellingwood, mechanical engineer. 5

BIDS WANTED
LOS ANGELES, Calif.—Until October 8, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a new two-story reinf. concrete main building to be erected at the Vermont Avenue school, 2649 S. Vermont Ave. Cost, $145,000. A. S. Nibecker, Jr., architect. 5

Sub-Contracts Awarded
HOME FOR GIRLS Cost, $46,000
OAKLAND, Alameda Co., Calif. 51 Ninth Street.
Two-story reinforced concrete Class C home for Chinese girls (to accommodate 30).
Owner—Mills College.
Architect—W. H. Ratcliff, 319 American Trust Co. Bldg., Berkeley.
Lessee—Ming Quong Home for Girls.
Contractor—J. G. Brown, Mills College, Oakland.
Roofing—A. K. Goodmundson, 45th Ave. and Clement St., Oakland.
Plumbing—W. H. Picard, Inc., 5656 College Ave., Oakland.
Electric Wiring—Scott-Buttner Elec. Co., 2214 Webster St., Oakland.
Heating and Sheet Metal—East Bay Sheet Metal Works. 1101 Market St., Oakland.
Tile Work—Brockhurst Tile Co., 2819 Shattuck Ave., Berkeley.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Window Shades — Tri - City Window Shade Co., 1127 3rd Ave., Oakland.
Hardwood Floors—Inlaid Floor Co., 600 Alabama St., San Francisco.
Iron Grille Work—Frauneder Ornamental Iron, 335 8th St., Oakland.
✓ Brick and Stone Work—Herschel & Reineke, 830 E 11th St., Oakland.
Grading—Ariss-Knapp Co., 961 41st St., Oakland.
Foundations & Concrete—J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland
Mill Work—Lannon Bros., Fifth and Magnolia Sts., Oakland.
Hardware—Associated Hardware Co., Inc., 3862 San Pablo Ave., Oakland.
Painting—J. J. Burdon & Son, 257 15th St., Richmond.
Lathing and Plastering—John Casey, San Mateo.
Linoleum—Higgins Linoleum Co., 2335 Broadway, Oakland. •

BOND ELECTION
PORTERVILLE, Tulare Co., Cal.—Porterville Elementary School Dist. will vote on October 6 on a proposal to issue bonds in the amount of $84,000, proceeds to finance construction of an elementary school to contain seven classrooms, library and administrative offices, six special rooms, sewing, domestic science, manual training and music rooms.
Application has been filed with the PWA for a grant toward a total cost of $140,000. •

Contract Awarded
REHAB. SCHOOL Cont. Price $34,580
BERKELEY, Alameda Co., Cal. 1775 Rose Street.
Additional rehabilitation at the Garfield School (alternate proposals)
Owner—Berkeley School District.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—W. C. Ambrose Berkeley Board of Education.
Contractor—K. E. Parker Company, 135 South Park, San Francisco.

Bids Opened
ALTERATIONS Cost, $165,000
BERKELEY, Alameda Co, Cal. Channing Way and Bancroft Avenue.
Alterations and additions to Berkeley High School Gymnasium.
Owner — Berkeley Unified School District (Clara F. Andrews, Secretary).
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Low Bidder—Central California Construction Co., 2602 San Bruno Ave., San Francisco.
Complete bids follow:
Central California Const. Co., San Francisco $179,750
Villadsen Bros., Oakland..... 182,400
Fred J. Early, Jr., S. F..... 202,497
Bids held under advisement.

CONTRACT AWARDED
WOODLAND Yolo Co., Calif.—San Joaquin Lumber Company, P. O. Box 71, Stockton, at $1,016 awarded contract by Woodland High School District for construction of new composition roof on the T. E Bingle School at Woodland. P. L. Dragon and C. R. Schmidts, 2068 Allston Way, Berkeley, architects.

BIDS WANTED
SHAFTER, Kern Co., Calif.—Until October 5, 7 p.m., bids will be received by Chas. Coit, Acting Clerk, Shafter School District, for furnishing and installing air conditioning system in the Shafter School.
Plans and specifications may be obtained from Architect Chas. Biggar, Haberfelde Building, Bakersfield.

Postponed Indefinitely.
GYMNASIUM Cont. Price, $29,787
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco gymnasium at high school.
Owner—Cloverdale Un. High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa, Cal.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.
In our issue of Sept. 17, it was reported that contract was awarded to Oliver Rousseau, San Francisco, which was in error.

LOW BIDDER
LOS ANGELES, Calif. — R. E. Campbell, 711 Central Bldg., submitted low bid to Los Angeles board of education, at $197,670, for reconstruction of the 1922 portion of the main building at Theodore Roosevelt high school, 450 S. Flckett St. Hibbard, Gerity & Kerton, architects; Oliver G. Bowen, structural engineer.

Bids Opened
ALTERATIONS Cost, $21,000
BERKELEY, Alameda Co., Cal. S. Allston Way bet. Grove and Milvia Streets.
Alterations and additions to Berkeley High School Auditorium.
Owner—Berkeley Unified School District (Clara F. Andrews, Secretary).
Structural Engineer—Thos. F. Chace Berkeley Board of Education.
Low Bidder—B. A. Howkins, 1182 Market St., San Francisco.
Complete bids follow:
B. A. Howkins, S. F. $20,221
John E. Branagh, Oakland 24,319
Villadsen Bros., Oakland 25,290
Bids held under advisement.

Plans Being Completed
GYMNASIUM Cost, $30,000
CEDARVILLE, Modoc Co., Calif.
One-story frame and stucco gymnasium.
Owner--Surprise Valley Union High School District.
Architect—Jens Petersen, 812 26th St., Sacramento.
Bids will be asked about Oct. 15.

Plans Being Figured
GYMNASIUM Cost, $30,000
SACRAMENTO, Sacramento County, Calif. Fourth and O Streets.
One-story brick and steel gymnasium (73x133 ft.).
Owner—Buddhist Church, Inc., 418 O St., Sacramento.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Structural Engineer—E. D. Francis, California State Life Bldg., Sacramento.
A date for opening bids will be set shortly.

CONTRACT AWARDED
SAN FRANCISCO.—D. N. & E. Walter, 562 Mission St., at $30, awarded contract by Department of Public Works for furnishing and installing approximately 20 yards of monks cloth, four ply, in the Galileo High School.

CONTRACT AWARDED
LOS ANGELES, Calif.—W. W. Petley, Room 210, 624 S. La Brea Ave., at $319,950, awarded contract by Los Angeles board of education, for construction of reinf. concrete administration, auditorium, physical education and cafeteria buildings at the Berendo junior high school, 1445 S. Berendo St. Edward Cray Taylor and Ellis Wing Taylor, architects; O. W. Ott, mechanical engineer

CONTRACT AWARDED
LOS ANGELES, Calif.—Herbert M. Baruch Corp., 625 S. Olive St., at $617,721, awarded contract by Los Angeles board of education for reinf. concrete classroom buildings "A" and "B", administration building "C", boys' physical education and shop building "D", and assembly building to be erected at the Hollenbeck junior high school, 602 S. Soto Street. A. F. Rosenheim, architect; R. McC. Beanfield, structural engineer, and Ralph E. Phillips, mechanical engineer.

Contracts Awarded
PLUMBING AND HEATING
Total Cost, $50,000
BERKELEY, Alameda Co., Calif.
Plumbing and heating for concrete and steel school bldg. (St. Mary Magdalene School).
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect — Arnold Constable, 580 Market St., San Francisco.
Heating—O'Mara & Stewart, 218 Clara St., San Francisco.
Plumbing—Acme Plumbing Co., 1231 Henry St., Berkeley.

Bid Opening Postponed Until October 1st.
BUILDING Cost, $160,000
SEATTLE, Washington. Fifth Ave. bet. Lane and Weller Streets.
Three-story and basement reinforced concrete business building (240x 120 feet).
Owner—Blumauer - Frank Drug Co., H. G. Woodruff, Local Mgr., 1224 First Ave. South, Seattle.
Architect—Graham & Painter, Ltd., Dexter-Horton Bldg., Seattle.

Material Bids Wanted — To Close October 2, 5 P. M.
REHABILITATE SCHOOL $118,500
BERKELEY, Alameda Co., Calif.
Rehabilitation of Lincoln School.
Owner—Berkeley Board of Education.
Architect—Not Given.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Previous bids taken on a general contract were rejected, lowest bid being submitted by Villadsen Bros., 2059 Webster St., Oakland, at $[illegible],000

Sub Contracts Awarded
GYMNASIUM Cont. Price, $100,950
SACRAMENTO, Calif. Sacramento Jr. College Campus.
One-story reinforced concrete gymnasium (Fourth Unit).
Owner—Sacramento School District.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Contractor — Petersen & Steinbrenner, 1116 O St., Sacramento.
Roofing—Bush Roofing Co., Sacramento.
Plumbing—A .W. Sweet, North Sacramento.
Electric Wiring—George Foss, Sacramento.
Heating—J. J. McDermott, Sacramento.
Sheet Metal—Ahl Sheet Metal Wks., Sacramento.
Tile Work—H. P. Fischer Tile & Marble Co., Sacramento.
Glass—T. E. Cain, Inc., Sacramento.
Hardwood Floors—Petersen & Steinbrenner, Sacramento.
Hardware — Shorrock Smith Hardware Co., Sacramento.
Painting—Willcoxon & Wilson, Sacramento.
Lathing & Plastering—Thos. F. Scollan Co., Sacramento.
Boiler Equipment—Hately & Hately, Sacramento.

CONTRACT AWARDED
LOS ANGELES, Cal.—J. E. Burrell & Son, 750 W Anaheim St., Long Beach, awarded contract by the Los Angeles board of education at $105,995, for construction of a two-story classroom building at 66th St. school 309 E 67th St. Gene Verge, architect; Wm. D. Coffey, structural engineer; Ralph E. Phillips, mechanical engineer.

Funds Allotted
SCHOOL Cost, $28,622
ARROYO GRANDE, San Luis Obispo Co., Calif.
Addition to high school.
Owner—Arroyo Grande Union High School District.
Architect—Not Given.
PWA has approved a grant of $14-255 to assist in financing.

Funds Allotted
ADDITION Cost, $49,235
SANTA BARBARA, Santa Barbara Co., Calif.
Addition to Junior High School.
Owner—Santa Barbara Junior High School District.
Architect—Not Given.
PWA has approved a grant of $22-285 to assist in financing.

BIDS WANTED
BAKERSFIELD, Kern Co., Calif.—Until Sept. 30, 5 P. M. (bids to be opened Oct. 5, 7:30 P. M.) bids will be received by the Kern County Union High School District for school seating equipment in accordance with specifications on file at the office of the business manager in Bakersfield.

CONTRACT AWARDED
LOS ANGELES, Cal.—R. E. Campbell, 711 Central Bldg., awarded contract by Los Angeles board of education at $197,670, for the reconstruction of the 1922 portion of the main building at Theodore Roosevelt high school, 450 S. Fickett St. Hibbard, Gerity & Kerton, architects; Oliver G. Bowen, structural engineer.

LOW BIDDER
LOS ANGELES, Cal.—C. J. Dorfman, 124 N La Brea Ave., submitted low bid to Los Angeles board of education at $149,800 for the reconstruction of the main building at Raymond Avenue school, 7511 Raymond Ave. Harold S. Johnson, architect; Holmes & Narver, Inc., structural engineers.

LOW BIDDER
LOS ANGELES, Cal.—Person and Hollingsworth, 507 S Lorena Street, submitted low bid to the Los Angeles board of education at $221,730 for classroom and girls physical education building to be erected at the John Adams junior high school, 151 W 30th St. T. C. Kistner, architect; Wm. T. Wright, structural engineer; Homer Fisher, mechanical engineer.

BIDS REJECTED
LOS ANGELES, Cal.—Los Angeles board of education rejected all bids for nine school buildings to be erected at Tujunga District high school, 10,629 Plainview Ave., Tujunga.

LOW BIDDER
LOS ANGELES, Calif.—Stark and Schmid, 822 N Parton St., Santa Ana submitted low bid to Los Angeles board of education at $69,900 for the reconstruction, strengthening and rehabilitation of the main building at Holmes Avenue school, 5108 Holmes Ave. Walter H. Parker, architect; W. E. Wilson, structural engineer.

Bid Opened
ADDITION Cost, $25,000
PETALUMA, Sonoma Co., Calif.
Addition to the domestic science and music building (add four rooms) frame and stucco const., built-up roofing, etc.
Owner—Petaluma High School Dist.
Architect—Brainard Jones, 226 Washington St., Petaluma.
Low Bidder—Empire Const. Co., Ltd. Russ Bldg., San Francisco.
Complete bids follow:
Empire Const. Co., S. F. $24,330
Walter Singleton, Petaluma 24,490
W. C. Tait, San Francisco 25,900
Oliver M. Rousseau, S. F. 26,480
Bids referred to PWA.

BONDS VOTED
WATSONVILLE, Santa Cruz Co., Calif.—Watsonville City School District voted bonds in the amount of $70,000 September 19. Proceeds to finance construction of a reinforced concrete gymnasium. Building will house manual training shop, music room, boys' and girls' shower and dressing rooms, locker and practice rooms, etc. Total estimated cost is $125,000.
Preliminary plans completed by Architects W. H. and Harold Weeks, 593 Market St., San Francisco.
PWA approved grant of 45% of cost.

BONDS VOTED

WATSONVILLE, Santa Cruz Co., Calif.—Watsonville City School District voted bonds in the amount of $100,000 September 19. Proceeds to finance construction of a one-story elementary school building to contain 13 classrooms, administrative office, clinic, auditorium to seat 500, and a stage. Total cost, $160,000.

Preliminary plans completed by Architect A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

PWA approved grant of 45% of cost.

Preparing Sketches

AUDITORIUM Cost, $.....

KING CITY, Monterey Co., Calif.

New High School Auditorium (to seat 1000).

Owner—King City High School District.

Architect—Robert Stanton, Hotel Del Monte, Del Monte.

Application will be filed with the PWA for grant to assist in financing.

Bids Opened

GYMNASIUM Cost, $18,000

AUSTIN, Nevada.

One-story brick gymnasium (50x86 feet), concrete foundation, wood framed floor and wood framed peak roof, plastered interior walls.

Owner — Lander County Board of Education.

Architect—F. J. DeLongchamps, Gazette Bldg., Reno, Nevada.

Low Bidder—Hilbert Hansen, 503 Burns St., Reno, Nevada.

Complete bids follow:

Hilbert Hansen		$24,764.00
	(1) ded.	630.00
	(2) ded.	945.13
	(3) ded.	951.00
	(4) ded.	3,410.00
	(5) ded.	398.75
	(6) ded.	130.00
A. M. Larsen		$26,661.00
	(1) ded.	350.00
	(2) ded.	650.00
	(3) ded.	926.00
	(4) ded.	3,150.00
	(5) ded.	350.00
	(6) ded.	120.00
	(7) add	500.00

Seek Funds

SCHOOL Cost, $50,000

LODI, San Joaquin Co., Calif.

New music department and shop building (brick construction).

Owner—Lodi Union High School District.

Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Application is being filed with PWA for grant of $22,500 to assist in financing.

LOW BIDDER

LOS ANGELES, Cal.—C. J. Dorfman, 124 N. La Brea Ave., submitted low bid to Los Angeles board of education at $78,670 for reconstruction of the girls' gymnasium at Benjamin Franklin high school, 820 N. Avenue 54. Frank R. Shaffer, architect; S. B. Barnes, structural engineer.

Funds Allotted

ADDITION Cost, $47,500

TAFT, Kern Co., Calif.

Two-story reinforced concrete addition to west unit of Administration Building at high school.

Owner—Taft Union High School Dist.

Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.

PWA has approved a grant of $22-000 to assist in financing. Plans are now being completed and will be forwarded to State Division of Architecture for approval shortly.

Funds Allotted

SCHOOL Cost, $29,100

TULELAKE, Siskiyou Co., Calif.

One-story frame and stucco school building (six classrooms).

Owner—Tulelake School District.

Architect—Howard Perrin, Klamath Falls, Oregon.

PWA has approved loan and grant to finance the project.

Funds Allotted

RECON. SCHOOL Cost, $118,707

TAFT, Kern Co., Calif.

Reconstruction of north and south wings of high school.

Owner—Taft Union High School Dist.

Architect—W. H. and Harold Weeks,

PWA has approved a grant of $53,-418 to assist in financing. Plans are now being completed and will be forwarded to State Division of Architecture for approval shortly.

LOW BIDDER

LOS ANGELES, Calif.—W. E. Allen, 745 W. 14th St., Long Beach, submitted low bid to Long Beach board of education, at $172,147, for construction of boys' and girls' physical education buildings, library and cafeteria and shop buildings at Jefferson junior high school site. Warren Dedrick, architect.

CONTRACT AWARDED

LOS ANGELES, Cal.—Gordon and Thiele Const. Co., 5670 Wilshire Blvd. awarded contract by the Los Angeles board of education at $522,000 for units A, B, C, D, F, H, I, J, K and L, administration building, 4 classroom units, cafeteria, heating plant, gymasium, industrial arts building and arcade, to be erected at the Western District high school, 3637 Farmdale Ave. The buildings will be of reinforced concrete construction. H. L. Gogerty and C. E. Noerenberg, architects; O. W. Ott, mechanical engineer and Clayton T. Gibbs, electrical engineer.

CONTRACT AWARDED

LONG BEACH, Cal.—W. E. Allen, 745 W 14th St., Long Beach, awarded general contract by the Long Beach board of education at $172,147 for construction of the boys' and girls' reinforced concrete physical education building, library and cafeteria and shop buildings at Jefferson Jr. high school site. Warren Dedrick, architect, 901 Heartwell Bldg., Long Beach.

PREPARING WORKING DRAWINGS

TEMPLETON, San Luis Obispo Co., Cal.—A. R. Walker and P. A. Eisen, architects, 708 Pacific Commerce Bldg., Los Angeles, are preparing working drawings for school auditorium, 54x98 feet in area, and locker rooms to be built at Templeton, San Luis Obispo County, for the Templton Union High School Dist.

Bids Opened

SCHOOL Cost, $70,000

ALBANY, Alameda Co., Calif.

Third unit at Albany School (classrooms, study hall, administrative offices, cafeteria) reinforced concrete const., composition roofing, steel joists, steam heating system, etc.

Owner—Albany High School District.

Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Low Bidder—C. M. Norgrove, 2220 Roosevelt, Berkeley.

Complete bids follow:

(1) add for roughing in mechanical work;
(2) add for finishing portion of first floor;
(3) add for finishing balance of first floor;
(4) add for finish in cafeteria;
(5) concrete, per yard;
(6) concrete, per yard.

C. M. Norgrove, Berkeley		$39,290
	(1)	4,726
	(2)	6,847
	(3)	4,662
	(4)	5,354
	(5)	20
	(6)	20
Villadsen Bros., Oakland		$40,492
	(1)	4,100
	(2)	7,254
	(3)	4,650
	(4)	6,180
	(5)	45
	(6)	25
E. J. Freethy, Richmond		$41,561
	(1)	4,860
	(2)	7,954
	(3)	4,588
	(4)	6,622
	(5)	24
	(6)	18
John E. Branagh, Oakland		$43,200
	(1)	4,000
	(2)	6,240
	(3)	5,075
	(4)	6,290
	(5)	18
	(6)	18
N. H. Sjoberg & Son, S. F.		$45,304
	(1)	4,911
	(2)	8,381
	(3)	5,063
	(4)	5,999
	(5)	26
	(6)	17
Carl N. Swenson, San Jose		$46,604
	(1)	4,531
	(2)	8,015
	(3)	5,346
	(4)	6,676
	(5)	27
	(6)	20
Geo. Swanstrom, Oakland		$46,673
	(1)	4,193
	(2)	6,950
	(3)	3,687
	(4)	7,485
	(5)	24
	(6)	22
George Maurer, Oakland		$47,000
	(1)	3,500
	(2)	8,000
	(3)	5,000
	(4)	6,800
	(5)	31
	(6)	26
Gould & Kane, Albany		$47,000
	(1)	5,142
	(2)	8,184
	(3)	5,570
	(4)	6,051
	(5)	25
	(6)	12
Monson Bros., San Francisco		$57,228
	(1)	4,281
	(2)	7,315
	(3)	5,255
	(4)	6,784
	(5)	22
	(6)	14

Bids referred to district attorney.

Funds Allotted

SCHOOL Cost, $21,981

TERMINUS, San Joaquin Co., Calif.

One-story elementary school building (4 classrooms, 1 activity room).

Owner—Terminus Elementary School District.

Architect—E. G. Ernst, 9 W. Cleveland, Stockton.

PWA has approved a grant of $10,-811.

CONTRACT AWARDED

LOS ANGELES, Cal.—Charles J. Dorfman, 124 N La Brea Ave., was awarded contract by Los Angeles board of education at $78,670 for reconstruction of the girls' gymnasium at Benjamin Franklin high school, 820 N Avenue 54. Frank R. Shaffer, architect; Stephenson B. Barnes, structural engineer.

Sub Contracts Awarded
SCHOOL Contract Price, $48,358
TAFT, Kern Co., Calif. Lincoln School Site.
Reinforced concrete domestic science and music building at Lincoln School site (tile roof, cement and wood floors, steel sash, etc.).
Owner—Kern County Grammar Sch. District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—L. H. Hansen & Son, 934 Safford Ave., Fresno.
Roofing—O. McNay, Bakersfield.
Plumbing—F. W. Park, Taft.
Electric Wiring—Electric Construction Co., Taft.
Heating—J. G. Pettijohn, Delano.
Sheet Metal—F. W. Park, Taft.
Tile—Kern County Roofing & Tile Co., Taft.
Iron Grille Work—Kyle & Co., Fresno.
Lumber—Taft Lumber Co., Taft.
Mill Work—Fresno Planing Mill, Fresno.
Hardware—Gifford-Wilson, Taft.
Painting—E. S. Hinkle, Taft.
Linoleum—Gifford-Wilson, Taft.

CONTRACT AWARDED
LOS ANGELES, Cal.—Person and Hollingsworth, 507 S Lorena Street, awarded contract by Los Angeles board of education at $222,980 for reinforced concrete classroom and girls' physical education building to be erected at John Adams jr. high school, 151 W 30th St. T. C. Kistner, architect, Wm. T. Wright, structural engineer, Homer Fisher, mechanical engineer.

Plans Completed
SCHOOL Cost, $230,000
DINUBA, Tulare Co., Calif. Magnolia and College Avenues.
Two-story reinforced concrete high school.
Owner—Dinuba Union High School District.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Plans have been forwarded to the State Division of Architecture, Sacramento, and upon approval bids will be asked.

BIDS OPENED
RED BLUFF, Tehama Co., Calif.—F. J. Edwards, 2401 Ninth Avenue, Oakland, at $2,747, submitted low bid to Fred H. Weeks, Clerk, Red Bluff Union High School District, for furnishing and installing steam heating system in the gymnasium building at the High School.
Architects Dragon and Schmidts, 2058 Allston Way, Berkeley.
Complete bids follow:
(1) ded. for omitting cross connections for hot water tank.

F. J. Edwards, Oakland	$2,747	
	(1)	79
Allen & Allen, Red Bluff	$2,847	
	(1)	98
T. J. Kennedy, Martinez	$2,963	
	(1)	58
Jack & Pete, Red Bluff	$3,024	
	(1)	81
W. H. Picard, Oakland	$3,088	
	(1)	25
Pacific Heating & Ventilating Co., Oakland	$3,215	
	(1)	30
M. J. Reeves Heating Co., San Francisco	$3,381	
	(1)	30

Bids held under advisement.

Plans Completed
ADDITION Cost, $78,000
LEMOORE, Kings Co., Calif.
One-story frame addition to elementary school (tile roof) add ten classrooms, etc.
Owner—Lemoore Elementary School District.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Plans are awaiting approval of the PWA.

Plans Completed
SCHOOL Cost, $130,000
WOODLAKE, Tulare Co., Calif.
Frame and stucco high school.
Owner—Woodlake Un. High School District.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Plans are awaiting approval of the PWA grant to assist in financing.

CONTRACT AWARDED
SAN FRANCISCO.—Jack Johnson Roofing Co., 3365 Army Street, was awarded contract by Department of Public Works for installation of felt shingle roof over present shingles at the Hearst School Building, Fillmore and Hermann Streets. Other bids were:

Empire Roofing Co.	$847
Alta Roofing Co.	850
J. W. Bender Roofing & Paving Co.	885

CONTRACT AWARDED
SAN FRANCISCO.—D. J. & T. Sullivan, 1942 Folsom Street, at $50, awarded contract by Department of Public Works for moving bungalow on grounds of the Aptos Junior High School, Upland Drive and Aptos Avenue.

16—BANKS, STORES AND OFFICES

PREPARING WORKING DRAWINGS
LOS ANGELES, Cal.—A. R. Walker and P. A. Eisen, architects, 708 Pacific Commerce Bldg., are preparing working drawings for a 1-story and part 2-story masonry building, 100x140 feet, to be built on N Vermont Ave. between Sunset and Hollywood Blvds., for the Racing Form Publishing Company.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN MATEO, San Mateo Co., Calif. Third Avenue.
Alterations to store building.
Owner—Martin Stelling Jr. 155 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $10,000
RICHMOND, Contra Costa Co., Cal. Sixth and Macdonald Ave.
Alterations to building (two-story brick structure), 3 stores.
Owner—Grant Building.
Architect — Raymond DeSanno, 2584 Milvea St., Berkeley.
Contractor—George Tandy, 673 38th Street.

Contract Awarded
ALTERATIONS Cost, $2,000
OAKLAND, Alameda Co., Calif. SE 15th and Clay Streets.
Alterations to store building.
Owner—Capwell, Sullivan & Furth.
Architect—Not Given.
Contractor—D. W. Nicholson, 500 Blossom Way, San Francisco.

Contract Awarded
ADDITION Cost, $.
MARYSVILLE, Yuba Co., Calif. 4th and D Streets.
Addition to pharmacy (new front, rearrange interior, etc.).
Owner—G. A. Kirk.
Architect—Not Given.
Contractor—C. A. Otto, 823 12th St., Marysville.

Contract Awarded
ADDITION Cost, $40,000
FRESNO, Fresno Co., Cal. 926 Fulton Street.
Alterations and additions to store building (new elevator, decorating, display windows, new flooring, fixtures, etc.)
Owner—J. C. Penny Co. (H. G. Rhodes local manager).
Plans by Engr. Dept. of Owner.
Contractor—Henry Brown, 1387 East 32nd St., Oakland.

Grading Contract Awarded
WAREHOUSE & OFFICES Cost, $200,000
SAN FRANCISCO, Calif. SW Beale & Folsom Streets.
Four-story and basement, mezzanine floor warehouse and office bldg. (137x170 feet), one freight and one passenger elevator, steam heating system, etc.
Owner—Coffin Redington Company, 401 Mission Street.
Architect—Fred H. Meyer, Kohl Building.
Contractor—Cahill Bros., 206 Sansome Street.
Grading—Sibley Grading & Teaming Co., 165 Landers Street.
Sub bids will be asked in about two weeks.

Planned
STORE Cost, $.....
VISALIA, Tulare Co., Calif. Main St. and Encina Ave.
One-story store building.
Owner—Jake Cooper, 501 S. Willis St., Visalia.
Architect—Not Given.

Plans Being Prepared
ALTERATIONS Cost, $25,000
EXETER, Tulare Co., Calif.
Alterations and additions to present building for new branch bank (new bank fixtures, heating, plumbing, ventilating, etc.).
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Construction Department of Owner.

Contract Awarded
BUILDING Cost, $11,600
STOCKTON, San Joaquin Co., Calif. SW Hunter and Lindsay Streets.
One-story and basement office building (to house motor vehicle department and highway patrol), 50x100 feet.
Owner—Fillmore Marks, Stockton.
Lessee—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—J. C. Meyers, Rt. 1, Box 439, Stockton.

Planned
STORE Cost, $.
VISALIA, Tulare Co., Calif. Main St. and Encina Ave.
One-story store building.
Owner—Luke Bianco, 225 W. Main St., Visalia.
Architect—Not Given.

Plans Being Completed
SHOW ROOM Cost, $35,000
BURLINGAME, San Mateo Co., Cal.
One-story reinforced concrete automobile show room and sales building.
Owner—Chevrolet Motor Company.
Architect—Wm. H. Toepke, Call Bldg., San Francisco.
Bids will be taken from a selected list of contractors only.

Contract Awarded
BUILDING Cost, $40,000
OAKLAND, Alameda Co., Calif. 826 West Street.
Two-story brick and steel building (to house offices and hiring hall of Teamsters' Union).
Owner—Teamsters' Union (Chas. W.

Real, Secretary).
Architect—J. B. Anthony, 1849 Arch St., Berkeley.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.

Sub Contracts Awarded
SHOP Contract Price, $24,340
SAN FRANCISCO. Phelan Building.
New women's sport shop.
Owner—Roos Brothers.
Architect—Albert R. Williams, Humboldt Bank Bldg.
Contractor—L. & E. Emanuel, 2665 Jones Street.
Glass—Crowe Glass Works, 675 Golden Gate Ave.
Linoleum—Malott & Peterson, 3221 20th Street.

Plans Being Prepared
ALTERATIONS Cost, $——
SAN FRANCISCO. W Powell Street bet. O'Farrell and Ellis.
Alterations to two-story and basement building.
Owner—H. Drake Corp., care Hugo Edward and R. D. Keil, Phelan Building.
Architect—Frederick Quandt, Phelan Building.
Plans will be completed about Oct. 15th.

Additional Contracts Awarded.
ADDITIONS, ETC. Cost, $——
SAN RAFAEL, Marin Co., Calif., B and Fourth Streets.
Alterations to present building and addition to new annex, 42x45 ft.; 1-story steel and brick construction, plain and ornamental plaster, tile and terra cotta exterior, marble counters, composition roofing, metal windows, new steam heating plant, air-conditioning system, marble and linatile floors, bronze fixtures, cabinet work, etc.
Owner—Bank of San Rafael (Wm. P. Murray, President).
Architect — H. H. Winner, Wordsworth Ave., Ross.
Marble — Vermont Marble Co., 525 Market St., San Francisco.
Bronze—McNeill and Steinberg, 666 Mission St., San Francisco.
As previously reported, H. J. Hansen, San Rafael, at $14,450 awarded contract for the excavation, grading, concrete and cement work, reinforcing steel, structural steel, rough and finish carpentry, mill work, glass and glazing, roofing, insulating, painting and sheet metal.

To Be Done By Day's Work
SAN FRANCISCO. 555 Sutter St.
ALTER RESTAURANT Cost, $6,000
Alter restaurant.
Owner—J. Merello, Prem.
Architect—Not Given.

Planned
BUILDING Cost, $50,000
OAKLAND, Alameda Co., Calif. 17th St. and Broadway.
Two-story building.
Owner—M. B. Skaggs.
Architect—Selected, but name withheld.
Lessee—Jamieson - Towle - Willoughby, Oakland.
Further details will be announced shortly.

17— THEATRES

To Ask Bids Within a Few Days
THEATRE Cost, $65,000
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120 ft.), air conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 81 Bush Street, San Francisco.

Sub-Contracts Awarded
ALTERATIONS Cost, $65,000
SAN FRANCISCO. NW Cole St. and Haight.
Remodel Haight Theatre.
Owner—Golden Gate Theatre Co., 25 Taylor Street.
Associated Architects—Jorgensen & Deichmann, 321 Bush Street.
Structural Engineer—L. H. Nishkian, 525 Market Street.
Contractor—Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Plumbing—Rodoni - Becker Co., 455 Tenth St., San Francisco.
Electric Wiring—Lynch Electric Co., 2080 Sutter St., San Francisco.
Heating—Aladdin Heating Co., 5107 Broadway, Oakland.
Lumber—Acme Lumber Co., Sixth & channel Sts., San Francisco.
Hardware—Marshall - Newell Supply Co., Spear and Mission Sts., San Francisco.

Plans Being Figured — Bids Close October 14, 10 A.M.
THEATRE Cost, $65,000
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120 ft.), air conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 81 Bush Street, San Francisco.

BIDS WANTED
LOS ANGELES, Cal.—C. A. Balch, architect, 1914 S Vermont Ave., is taking general contract bids for reinforced concrete theater building on north side of Wilshire Bldv. between Dunsmuir and Burnside Aves., for Selig Cahn, Inc.; Pacific States Theaters, Inc., lessees.

19—MISC. CONSTRUCTION

BIDS WANTED
LOS ANGELES, Calif.—Architect Marshall P. Wilkinson, 6811 Hawthorne Ave., is taking bids for the construction of a motion picture sound stage at the corner of Romaine and Las Palmas Ave. for General Service Studios.

PREPARING PLANS
LOS ANGELES, Calif.—Los Angeles Union Passenger Terminal, 726 N. Alameda St., is preparing working drawings for the new union passenger terminal to be built on the Plaza site, located on the east side of Alameda St., between Macy and Aliso Sts., for the Santa Fe, Union Pacific and Southern Pacific railroads. It is proposed to have the plans completed early next year, when competitive bids will probably be taken for the construction of the terminal. A. J. Barclay, construction engineer. Plans for interior of express building are being prepared by the Railway Express Agency, 85 Second St., San Francisco. John and Donald B. Parkinson, consulting architects.

BIDS WANTED
SAN FRANCISCO.—Until September 30, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 4751, for the moving of the West Portal of Breon Gate at 19th Ave. & Lincoln Way. Estimated cost, $2,500.
Work involves the moving of the west entrance gate of the 19th Ave. and Lincoln Way entrance to Golden Gate Park, a distance of approximately 30 feet.
Bids will be taken as follows:
(1) Lump sum, work complete;
(2) One only, statue to be moved from the island facing 19th Ave. and Lincoln Way to Golden Gate Park stable yard, a distance of approximately 5,500 ft.
Specifications obtainable from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of $5.

BIDS WANTED
SAN FRANCISCO.—Until September 28, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-36, for drydocking, cleaning and painting the U. S. Motorboat "Morton L. Tower."
Specifications obtainable from the above office.

To Be Done By Day's Work
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 1000 Point Lobos Avenue.
Alter swimming pool.
Owner and Builder—A. G. Sutro, 1000 Point Lobos Avenue.
Architect—Not Given.

Contracts Awarded
LIVESTOCK BLDG. Cost, $640,000
SAN MATEO COUNTY, Cal. Visitacion Valley, South McClaren Pk. (54-acre tract).
One - story reinforced conc. and steel livestock building (steel trusses, horse show arena, 300x400 feet; clear truss span over entire area; stadium to seat 10,000, flanked on each side by horse stall units (300 stalls) stadium portion will be 100 ft. in height with 300 ft. span, shower rooms for horses, dormitory units for grooms, etc.)
Owner—Agricultural District 1-A.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Low bids follow:
General Work—P. F. Reilly, Phelan Bldg., San Francisco, $448,000.
Electric—Chas. A. Langlais, 472 Tehama St., San Francisco, $27,371.
Mechanical—Alta Elec. & Mechanical Co., 467 O'Farrell St., San Francisco, $20,690.
Structural Steel Fabrication and Painting—Bethlehem Steel Company, 20th and Illinois Sts., San Francisco, $91,293.
Erection of Steel & Painting—Bethlehem Steel Co., $36,564.
Stadium Chairs—Heywood Wakefield Co., 180 New Montgomery Street, San Francisco, $24,660.
Complete bids published March 11.

CONTRACT AWARDED
IMPERIAL DAM, Cal.—John W. Beam, Denver, at $18,271.73 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 822-D, for furnishing structural sheet steel and pipe and steel castings for the service bridge at the Imperial Dam, All-American Canal System.

20—MISC. SUPPLIES AND MATERIALS

PLANS BEING FIGURED — BIDS CLOSE SEPT. 28
CORONA AND UPLAND, Calif.—Santa Fe Railway, Kerckoff Bldg., Los Angeles, is taking bids for new passenger depots to be built in Corona and in Upland. Cost, $30,000 each.

Low Bidder
BUILDINGS Cost, $.....
YOSEMITE PARK, Mariposa Co., Calif.
Group of four frame buildings (dormitories and apartments).
Owner—Yosemite Park and Curry Company.
Architect—Eldridge Spencer, Claus Spreckels Bldg., San Francisco.
Low Bidder—F. C. Stolte, 3449 Laguna Ave., Oakland.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

WAR DEPARTMENT

FORT MASON.—Until September 28, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-85, for furnishing parts for Brunswick-Kroeschell Co. ice machine. size 5¼-foot.

Specifications obtainable from the above office.

FORT MASON.—Until October 1, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-86, for furnishing 2,580 spring lever-type mop handles.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until September 29, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-38, for furnishing one crawler type tread tractor f.o.b. Yerba Buena Shoals Fairsite, San Francisco Bay.

Specifications obtainable from the above office.

SACRAMENTO. — Until September 29, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-66, for rental of a barge of not less than 22-ft. beam and 70-ft. length and not less than 4 ft. nor more than 7 ft. in depth. for 90 days.

Delivery f.o.b. Sacramento.

Specifications obtainable from the above office.

SACRAMENTO.—Until September 29, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for furnishing gasoline for delivery at various points in northern California.

Specifications obtainable from the above office.

FORT MASON.—Until September 28, 2 p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-88, for furnishing paint.

Specifications obtainable from the above office.

FORT MASON.—Until September 29, 2 p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-89, for furnishing 160 squares asphalt-prepared shingles.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Sept. 28, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-40, for furnishing sledge handles, axe handles, machinists' hammer handles, padlocks, wire rope wrenches, vises, couplings, files, twist drills, etc.

Delivery fob Pier 3½, San Francisco waterfront.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Oct. 2nd, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-37, for furnishing cold rolled steel anchor bolts, nuts and washers.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Oct. 1, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-52, for furnishing and delivering miscellaneous castings.

Bids will be taken as follows:

(1) 2 detachable blade dredge cutters;
(2) 1 suction taper flange filler—298-H;
(3) 1 filler piece, 298-M;
(4) 1 suction pipe bend, 298-G;
(5) 1 pump connection, 298-O;
(6) 1 swivel elbow extension;
(7) 1 suction taper connection;
(8) 1 piece suction pipe;
(9) 20 each, 1⅛x20-in. eyebolts;
(10-11) one lot rough iron castings;
(12) 9 galv. ice cans;
(13) 25 clutch links (turnbuckles).
(14-15) one lot split water rings and bronze bushings.

Delivery fob Rio Vista.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Sept. 28, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-41, for furnishing 7,000 lbs. of lead pigs.

Delivery fob Pier 3½, San Francisco waterfront.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Sept. 28, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-39, for furnishing pipe fittings, screws, copper, steel, gaskets, etc.

Delivery fob Pier 3½, San Francisco waterfront.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Oct. 6, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. 928-37-93, for furnishing one tractor mower ,gasoline motor-driven, complete with five gang mowers and sickle bar attachment.

Specifications obtainable from the above office.

TREASURY DEPARTMENT

SAN FRANCISCO.—Until Sept. 28, 10 A. M., bids will be received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects as follows:

BID NO. 2541: 1186 l.f. reinforced concrete pipe; fob "E" St. Sewer, 89th Ave. and E St., Oakland;

BID NO. 2539: 19,111 FBM Redwood lumber; 488 FBM Oregon pine lumber, and 24,000 Redwood shingles; fob Prairie Creek Hatchery 3 miles north of Orick;

BID NO. 2538: 45 c.y. crushed rock or gravel, 25 c.y. river sand, 300 sacks portland cement; fob Gilman Playground, Hollister and Griffith, San Francisco;

BID NO. 2540: 3 M. building brick, and 84 c.y. ready-mixed concrete; fob Hillsborough.

Specifications obtainable from the above office.

CALIFORNIA STATE

EUREKA, Calif.—Until September 28, bids will be received by W. H. Pierce, Superintendent of Equipment, Shop 1, Division of Highways, Eureka, for the sale of the following equipment:

CHC 68 Mower, McCormick-Deering Big 6 with 6-ft. Sickle Bar.

CHC 538 Tractor, Fordson, Industrial Type, with pneumatic tires.

All equipment may be inspected at the Division of Highways' Yards at Willits, from 8:30 A.M. to 4:30 P.M. on any working day.

EAST BAY UTILITY DIST.

OAKLAND.—Until October 7, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 6th St., Oakland, as follows:

Informal Proposal No. 794—Forty-four gate valves: four 12-in., twenty 6-in., and twelve 8-in.

Informal Proposal No. 795—50 tons pig lead in 100-lb. bars.

Informal Proposal No. 797—One tandem road roller, gasoline motor-driven, 8-ton capacity.

Informal Proposal No. 793—10,000 bronze meter couplings, 1 in x ¾ in. x 2¾ in.; 14,000 do., 1 in. x ¾ in. x 2 in.; and 100 do., 1¼ in. x 1 in. x 2¾ in.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE. — Until October 2, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3182, for furnishing miscellaneous supplies and equipment, including:

Motor truck, diaphragm pumps, galvanized corrugated metal roofing, rotating and stationary steel shelving, fencing material, platform trailer, constant-current transformer, cable, lavatories, sinks, bolts, nuts, rivets, washers, glass, rivet punches, linoleum, rubbing felt, asbestos millboard, steel wool, leather belting, packing leather, packing (rubber, asbestos and flax) steel imposing tables and steel chase racks.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

U. S. FOREST SERVICE

GOVERNMENT ISLAND. — Until October 5, 2 p.m., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, under Bid No. 3912, for furnishing 40 wall tents and 56 wall tent flies.

Delivery f.o.b. bidder's shipping point and/or Denver, Colorado.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

HUMBOLDT CO., Calif. — Henry Padgett, Fields Landing, at $5,998, submitted the only bid for the Bear River Bridge, and at $3,633 submitted low bid for the Bear Creek bridge to the Humboldt County Bd. of Supervisors, Fred M. Kay, Clerk, Eureka. Separate bids were taken for construction of a steel bridge 60 ft. long with 12-ft. roadway with wooden approaches across Bear River near the Lowry place, and the disassembling of the steel bridge across Cook's Gulch near Petrolia and transporting and reconstructing it across Bear Creek near Ettersburg.

H. A. Anderson, Rio Dell, at $5,-180, submitted the only other bid received for the Bear Creek Bridge.

Contracts were awarded to Henry Padgett.

Frank E. Kelly, County Surveyor.

CONTRACT AWARDED

KERN CO., Calif.—Opperman & Kampe, Box 414, Station A, Bakersfield, at prices listed below, awarded contract by the Kern County Board of Supervisors, F. E. Smith, County Clerk, Court House, Bakersfield, for the construction of a timber bridge across Beardsley Canal on Snow Road.

(1a) Excavation, $270.00.
(1b) Embankment, $150.00.
(2a) 40.344 M. ft. b.m. Redwood timber, in place, $69.27.
(2b) 26.214 M. ft. b.m. Douglas Fir timber, in place, $65.12.
(3) 3 fire barrels, in place, complete, $20.00.

BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until September 28, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for widening bridges on Rio Linda Blvd.

Plans and specifications obtainable from the office of the County Engineer upon deposit of $10.

BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until Sept. 28, 10 A. M., as previously reported, bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk Room 201, Court House, Sacramento for widening three bridges and culverts on Rio Linda Blvd.

The work involves:

(1) 110 c.y. Class A, 6-sack concrete;
(2) 5.5 c.y. Class C, 9-sack concrete;
(3) 1700 lbs. reinforcing steel;
(4) 200 yds. excavation.

Plans and specifications obtainable from the office of County Engineer E. A. Fairbairn upon deposit of $10.

BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until September 28, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House Sacramento, for the construction of bridges on the San Juan Road.

Plans and specifications obtainable from the office of the County Engineer upon deposit of $10.

TO ASK BIDS SHORTLY

PARKER, Ariz.—The U. S. Bureau of Public Roads has announced that bids for the construction of the proposed bridge across the Colorado River at Parker, Ariz., will be advertised as soon as the Arizona Highway Department obtains necessary rights of way. The proposed structure will be 675 feet in length, of concrete and steel construction, and cost $150,000. The entire project will be financed by the federal government from Arizona and California federal highway funds.

BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until Sept. 28, 10 A. M., as previously reported, bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk Room 201, Court House, Sacramento for the constructing of a timber and concrete bridge on San Juan Road.

The work involves:

(1) 921 ft. piles;
(2) 2,800 bd. ft. bulkhead material;
(3) 1,344 bd. ft. caps;
(4) 10,283 bd. ft. scabs, stringers, etc.
(5) 2,784 bd. ft. sub-flooring;
(6) 2,788 bd. ft. railing, posts, blocks, etc.;
(7) 29 c.y. concrete;
(8) 3,430 lbs. steel;
(9) 50 c.y. backfill and excavation.

Plans and specifications obtainable from the office of County Engineer E. A. Fairbairn upon deposit of $10.

CONTRACT AWARDED

TULARE CO., Calif.—Peter J. McHugh, 1801 S St., Sacramento, at $8,012.50, awarded contract by the State Division of Highways, Sacramento, for about 0.27 mile grading, applying road-mix surface treatment, and constructing a reinforced concrete bridge in Tulare County between Olive School and one-fourth mile east.

CONTRACT AWARDED

KINGS CO., Calif.—F. O. Bohnett Co., Box 54, Campbell, at $7,010, awarded contract by the State Division of Highways, Sacramento, for the construction of a timber bridge with concrete deck across the East Branch of Cross Creek, about two miles west of Corcoran, Kings Co.

Complete bids published September 16.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

HUMBOLDT CO., Calif.—Mercer-Fraser Co., 2nd & Commercial Sts., Eureka, at $2,745, awarded contract by the State Division of Highways, Sacramento, for repairs to the existing bridge across the south fork of Trinity River, about one mile west of Salyer, Humboldt County.

BIDS WANTED

SACRAMENTO CO., Calif.—Until October 14, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a concrete double box culvert, a two-span timber bridge with concrete deck, and a three-span concrete slab bridge, in Sacramento County, about 4 miles and 2.5 miles south of Brighton and about 4.5 miles east of Perkins.

The work involves:

(1) 1 lot existing bridges removed and disposed of;
(2) 45 M. gals. water;
(3) 850 c.v. roadway excav., unclassified;
(4) 480 c.y. structure excav.;
(5) 1200 c.y. imported borrow;
(6) 6 stations finishing roadway;
(7) 105 tons untreated crushed gravel or stone (surfacing);
(8) 44,250 lbs. bar reinf. steel;
(9) 323 c.y. class A portland cement concrete (structures);
(10) 10 M. ft. b.m. redwood timber, dense, select, all-heart, struct. grade;
(11) 3 M. ft. b.m. redwood timber, select, all-heart, struct. grade;
(12) 42 l.f. 18-in. CMP;
(13) 25 each timber guide posts;
(14) 1 lot misc. items of work.

NOTE: The state will furnish corrugated metal pipe and band couplers as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, and Los Angeles.

BIDS OPENED

MONO CO., Calif.—Basich Bros., 20550 Normandie Ave., Torrance, at $9,685.50, submitted the only bid received by the State Division of Highways, S. W. Lowden, Acting District Engineer, Bishop, for constructing a reinforced concrete and timber bridge across East Walker River, about 6.5 miles north of Bridgeport, and grading road approaches.

BIDS WANTED

SANTA CRUZ CO., Calif.—Until October 7, 2 p.m., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, Room 211 State Bldg., San Francisco, for the construction of a concrete girder bridge across Corralitos Creek, about one mile east of Watsonville, Santa Cruz County.

The work involves:

(1) 290 c.y. roadway excav., uncl.;
(2) 75 c.y. structure excav.;
(3) 1175 c.y. imported borrow;
(4) 260 tons crusher-run base;
(5) 5 tons liq. asphalt, SC-2 (penetration oil treatment);

(6) 3 tons liq. asphalt, SC-1A (prime coat);
(7) 2 tons liq. asphalt, 90-95 (armor coat);
(8) 35 tons rock screenings (armor coat);
(9) 33,000 lbs. bar reinf. steel;
(10) 125 c.y. class A portland cement concrete (structures);
(11) 9 c.y. class A portland cement concrete (railing);
(12) 820 l.f. furnishing concrete piles, including test piles;
(13) 16 each, driving concrete piles, including test piles;
(14) 35 c.y. light riprap;
(15) 198 l.f. 12-in. CMP;
(16) 44 l.f. 18-in. CMP;
(17) One only, existing bridge to be removed;
(18) One lot miscellaneous items of work.

Bids for construction of a timber bridge at this location were opened August 17, at which time low bid was submitted by L. C. Karstedt, Watsonville, at $11,991.50. Cost of the concrete structure is estimated at approximately $16,000.

Plans and specifications obtainable from the above office. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

SACRAMENTO. — Until September 29, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-51, for the removal of earth from the Colusa Weir By-Pass to cut down the approach slope to the weir sill between the weir sill and the river.

The work is located about 1.5 mi. northerly from Colusa on the easterly side of the Sacramento River, and the total quantity of excavation is approximately 83,000 cubic yards.

Plans and specifications obtainable from the above office. 2

CONTRACT AWARDED

COOS BAY, Ore.—Tacoma Dredging Co., 1113½ A St., Tacoma, at $179,214 awarded contract by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Bid No. 698-37-86, for dredging approximately 1,506,000 cu. yd. of material from the channel in Coos Bay and Isthmus Slough bet. mile 7½, about 1½ miles below the Southern Pacific Railroad bridge and mile 15 at the upper end of the Coos Bay Lumber Co. (Smith Mill) wharf, above Marshfield, a total distance of about 7½ miles.

NEW BIDS ASKED

NEWPORT BEACH, Orange Co., Calif.—Until October 5, 7:30 p.m. (tentative date), new bids will be received by the Newport Beach City Council for construction of a seawall to encircle Balboa Island, a PWA project .

The work involves:
(1) 11,076 l.f. types A, B, C, D and E reinf. conc. piles;
(2) 29 l.f. type F reinf. concr. piles;
(3) 31 l.f. type G reinf. conc. piles;
(4) 51 l.f. types H and I reinf. conc. piles;
(5) 251 type A precast reinf. conc. slabs;
(6) 374 type B precast reinf. conc. slabs;
(7) 70 type C precast reinf. conc. slabs;
(8) 160 type D precast reinf. conc. slabs;
(9) 50 type E precast reinf. conc. slabs;
(10) 110 c.y. cement seal placed around piles and slabs;
(11) 3781 l.f. type A reinf. conc. coping;
(12) 4067 l.f. type B concrete coping;
(13) 2706 l.f. type C reinf. conc. coping;
(14) 196 l.f. type C reinf. conc. coping;
(15) 4600 l.f. creosoted anchor piles;
(16) 6000 l.f. 1¼-in. galv. iron anchor rods, incl. nuts and washers;
(17) 90,250 sq. ft. cement concrete sidewalk, incl. grading;
(18) 32 storm drains, complete;
(19) 620 l.f. type A reinf. conc. piles for piers;
(20) 310 l.f. type B same;
(21) 5 piers with wooden decks, ramps, floats, and lighting units, complete in place, excepting concrete piles;
(22) 11,655 l.f. 1-in. conduit with lead-covered cable;
(23) 962 l.f. 1¼-in. conduit with 2 lead-covered cables;
(24) 45 existing lighting standards removed and installed and furnishing lighting units;
(25) Junction boxes, pull boxes, etc.

Previous bids received Sept. 14th were rejected. L. F. Dow Co. submitted the low bid at $177,775.82

23— CANALS

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 28, 8 P. M., bids will be received by the San Jose City Council, C. B. Goodwin, City Manager, City Hall, for furnishing a gasoline motor-driven combined pumping engine and hose wagon. The pumping capacity shall be not less than 1,000 gals. of water per minute at 120 lbs. pump presure; equipped to carry at least 1,000 ft. of 2½ double-jacketed hose, all equipment, etc.

Specifications obtainable from the office of City Clerk John Lynch. 28

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho.—Until October 12, 10 a.m., bids will be received by the Bureau of Reclamation, Ontario, Oregon, R. J. Newell, Construction Engineer, under Spec. No. 698, for construction of earthwork and structures, Dead Ox pump canals and Crystal feeder canal, Dead Ox Flat Division, Owyhee Project.

The work is located near Payette and Weiser, Idaho, and the principal items of work involved are:
(1) 31,950 c.y. excavation for canals;
(2) 11,300 sta. c.y. overhaul;
(3) 8,400 c.y. excavation for structures;
(4) 7,100 c.y. backfill about structures;
(5) 644 c.y. concrete in structures;
(6) 310 sq. yds. dry-rock paving;
(7) Placing 41,000 lbs. reinforcement bars;
(8) Erecting 106 M. ft. b.m. timber in structures;
(9) Laying 3,796 l.f. 15-in. to 54-in. precast concrete pipe;
(10) Erecting 1,784 l.f. No. 30, No. 96, and No. 120 metal flume;
(11) Installing 15,000 lbs. of gates and gate hoists;
(12) Installing 2,750 lbs. miscellaneous metal work.

Work shall be commenced within 10 calendar days and completed within 160 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, Ontario, Oregon; Denver, Colorado, or Washington, D. C.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

OAKLAND. — Following bids received by the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L.S. 181, for furnishing an electric switchboard for the Upper San Leandro booster plant:

Identical bids at $1,537 submitted by: Westinghouse Electric Co., Incandescent Supply Co., General Electric Co., Trumball Electric Mfg. Co., Graybar Electric Co., The Electric Corp., State Electric Supply Co., and Gilson Supply Co.

Cutler-Hammer Co. bid $1,550.

Bids held under advisement. 25

BIDS OPENED

SAN FRANCISCO. — Crowley Launch & Tugboat Co., Pier 14, at $7.50 per hour submitted the only bid received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Customnouse, under Bid No. 868-37-35, for the lease of one Diesel-powered towboat, with operator, for use in towing barges between San Francisco and Rio Vista and in the Bay area.

CONTRACT AWARDED

ONTARIO, Ore.—Fairbanks-Morse & Co., Kansas City, Mo., at $32,354, fob Beloit, Wis., awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 819-D, for furnishing two motor-driven, vertical, centrifugal pumping units, each having a capacity of 45 second-ft. when operating under a total dynamic head of 111 feet; two motor-driven, vertical, centrifugal pumping units, each having a capacity of 38 second-feet when operating under a total dynamic head of 83 ft.; and one motor-driven vertical, centrifugal pumping unit having a capacity of 10 second-feet when operating under a total dynamic head of 50.5 feet.

Pumps are to be installed in the Payette-Oregon Slope Pumping plant, Owyhee Project.

BIDS OPENED

CASPER-ALCOVA PROJECT, Wyoming.—Following bids received by the U. S. Bureau of Reclamation, Denver, under Spec. No. 691, for furnishing (1) two 15,000-hp. turbines; (2) two governors with pumping equipment for regulating the speed of the turbines; and (3) two 12-000-kv-a generators, alternating current, vertical shaft.

Pelton Water Wheel Co., San Francisco—(1) $94,490; f.o.b. San Francisco and Nicetown, Pa.; shipping weight, 376,165 lbs.; (2) $18,944; f.o.b. Rockford, Ill.; shipping weight, 25,000 lbs.; terms net.

Newport News Shipbuilding & Dry Dock Co., New York—(1) $97,405; f.o.b. Newport News, Va.; shipping weight, 380,000 lbs.; terms net.

S. Morgan Smith Co., York, Pa.—(1) $100,684; f.o.b. York, Pa.; shipping weight, 445,000 lbs.; (2) $18,-944; f.o.b. Rockford, Ill.; shipping weight, 25,000 lbs.; terms net.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.—(1) $124,800; f.o.b. West Allis, Wis.; shipping weight, 460,-000 lbs.; (3) $186,500; f.o.b. West Allis; shipping weight, 465,000 lbs.; terms net.

Westinghouse Elec. & Mfg. Co., Denver—(3) $188,350; f.o.b. East Pittsburg, Pa.; shipping weight, 496,000 lbs.; terms net.

General Electric Co., Schenectady, N. Y.—(3) $189,270; f.o.b. Schenectady, N. Y.; shipping weight, 500,000 lbs.; terms net.

Woodward Governor Co., Rockford, Ill.—(2) $18,944, f.o.b. Rockford, Ill.; shipping weight, 25,000 lbs.; terms net.

BIDS OPENED

KLAMATH PROJECT, Oregon — Following bids received by the Bu-

reau of Reclamation, Denver, under Spec. No. 831-D, for furnishing one motor-driven, vertical-shaft pumping unit, complete with motor and all accessories required for a complete operating unit, for use in the Tule Lake No. 6 drainage pumping plant, Klamath Project:

Pomona Pump Co., Inc., Pomona—$1,512; f.o.b. Pomona; net; shipping weight, 6,000 lbs.

Fairbanks, Morse & Co., Kansas City, Mo.—$1,670; pump, 3,500 lbs.; f.o.b. San Francisco; motor, 1,600 lbs.; f.o.b. Beloit, Wis.; net.

Sterling Pump Corp., Stockton—$1,735; Deduct $113 for solid snaft motor; f.o.b. Stockton; weight, 5,200 lbs.; discount 3%, 30 days.

Victor Equipment Co., Los Angeles—$1,850; f.o.b. Los Angeles; wght., 5,900 lbs.; discount, 2%, 20 days.

Bingham Pump Co., Inc., Portland—$1,850; f.o.b. Portland; weight, 5,800 lbs.; net.

Worthington Pump & Machine Co., Harrison, N. J.—$1,931; f.o.b. Harrison; weight, 8,330 lbs.; net.

Byron Jackson Co., Berkeley—$2,260; weight, 4,850 lbs.; $2,072, weight, 4,300 lbs.; f.o.b. Klamath Falls; net.

Morris Mach. Works, Baldwinville, N. Y.—$2,195; f.o.b. Baldwinville; weight, 7,500 lbs.; net.

Dayton-Dowd Co., Quincy, Ill.—$2,715; f.o.b. Quincy; weight, 11,500 lbs.; net.

Complete description of the pumps to be furnished is on file at the office of DAILY PACIFIC BUILDER.

27—FIRE ALARM SYSTEM

FUNDS ALLOTTED

SACRAMENTO, Calif.—The PWA has approved a grant of $120,703 to the City of Sacramento, as previously reported, to aid in construction of a fire and police alarm system estimated to cost $268,230.

Work will consist of the construction of a fire alarm central office building with Class A equipment. Installation is designed for ultimate capacity of 40 box circuits, 4 primary and 4 secondary alarm circuits, so planned that additional units may be conveniently added from time to time. Complete aerial and underground circuit construction will be installed.

A bond issue of $130,000 was approved by voters Nov. 5, 1935. 27

29—STREETS AND HIGHWAYS

BIDS WANTED

CHURCHILL CO., Nevada.—Until September 30, 2:50 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for the construction of a portion of the state highway system in Churchill County, from a point approximately 450 feet south of the north city limits of Fallon to a point approximately 2.5 miles north, a length of approximately 2.38 miles.

The work involves:

(1) 4 each, remove wooden culverts;
(2) 8,885 l.f. remove fence;
(3) 7,700 c.y. roadway excav.;
(4) 2,320 sta. yds. overhaul;
(5) 41,271 c.y. select borrow;
(6) 430 c.y. structure excavation;
(7) 2.35 mile subgrade;
(8) 2.38 miles finish roadway;
(9) 9,290 tons crushed gravel or stone surface;
(10) 136 c.y. class A concrete;
(11) 30 c.y. class B concrete;
(12) 15,000 lbs. reinf. steel;
(13) 45.0 M. ft. b.m. untreated Douglas fir;
(14) 10.7 M. ft. b.m. redwood;
(15) 1,350 l.f. treated piles (Douglas fir);
(16) 45 each, drive treated piles;
(17) 116 l.f. 15-in. CMP (dipped);
(18) 588 l.f. 18-in. CMP (dipped);
(19) 62 l.f. 24-in. CMP (dipped);
(20) 100 l.f. 36-in. CMP (dipped);
(21) 10 c.y. hand-laid riprap;
(22) 38 each, monuments;
(23) 5,585 l.f. construct fence;
(24) 8,123 l.f. reconstruct fence;
(25) Lump sum, miscellaneous items;
(26) Lump sum, water supply line;
(27) 30 each, remove trees;
(28) 5 each, transplant trees.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

CONTRACT AWARDED

SAN FRANCISCO.—M. Bertolino, 32 Shotwell St., at $1,840 awarded the contract by Department of Public Works, City Hall, for construction of sidewalks on the south one-half of Cayuga Ave. bet. Lyell St. and 200 ft. east, and at other locations.

BIDS OPENED

SAN MATEO CO., Calif.—Union Paving Co., 624 Call Bldg., San Francisco, at $64,869.80, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.3 miles grading and surfacing with crusher-run base and bituminous macadam surfacing in San Mateo Co., between Menlo Country Club and Woodside.

The work involves:

(1) 67 sta. clear and grub right of way;
(2) 800 M. gals. water;
(3) 10 c.y. remove exist. conc.;
(4) 90,000 c.y. roadway excavation, unclass.;
(5) 4,000 sq. yds. pave. removal;
(6) 1,500 c.y. struct. excav.;
(7) 800 c.y. ditch and channel exc.;
(8) 750,000 sta. yds. overhaul;
(9) 67 sta. finishing roadway;
(10) 6,200 tons crusher run base;
(11) 50 tons liq. asphalt, SC-1A (penetration oil treatment);
(12) 1,450 tons broken stone (bituminous macadam surface);
(13) 115 tons liq. asphalt, 90-95;
(14) 2,300 lbs. bar reinf. steel;
(15) 45 c.y. Class A Portland cement concrete (structs.);
(16) 100 lin. ft. 8-in. CMP;
(17) 900 lin. ft. 18-in. CMP;
(18) 690 lin. ft. 24-in. CMP;
(19) 320 lin. ft. 8-in. perf. metal pipe;
(20) 55 c.y. rock filling material;
(21) 174 lin. ft. clean and relay pipe culverts;
(22) 87 lin. ft. clean and salvage pipe culverts;
(23) 7 each spillway assemblies;
(24) 34 each culvert markers;
(25) 200 each guide posts;
(26) 0.7 mile new property fence;
(27) 9 each drive gates;
(28) 34 each monuments.

NOTE: The State will furnish corrugated metal pipe, perforated metal pipe, and embankment protectors as more explicitly set forth in the special provisions.

Total bids follow:

(A) Union Paving Co., S. F...$64,869.80
(B) Fredericksen & Westbrook, Lower Lake..... 66,585.20
(C) Piombo Bros., S. F..... 68,959.50
(D) Hanrahan Co., S. F..... 82,861.50

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$40.00	$ 25.00	$ 50.00	$ 30.00
(2)	.90	1.50	2.00	1.30
(3)	10.00	4.00	5.00	6.00
(4)	.33	.38	.37	.535
(5)	.50	.07	.18	.33
(6)	1.50	1.65	1.75	1.60
(7)	.70	1.65	1.00	1.25
(8)	.005	.005	.005	.005
(9)	8.00	8.00	7.00	10.00
(10)	1.90	1.80	1.80	1.90
(11)	12.00	11.00	12.00	15.00
(12)	2.70	2.75	2.75	2.90
(13)	18.00	16.00	20.00	18.00
(14)	.10	.05	.06	.06
(15)	25.00	24.00	30.00	25.00
(16)	.40	.25	.40	.30
(17)	.50	.25	.50	.30
(18)	.50	.40	.60	.45
(19)	.40	.25	.40	.20
(20)	4.00	3.00	2.00	2.50
(21)	.80	.70	.75	.75
(22)	.80	.70	.50	.50
(23)	15.00	5.00	20.00	2.50
(24)	2.50	2.00	3.00	2.00
(25)	2.50	2.00	2.50	2.00
(26)	700.00	1000.00	600.00	850.00
(27)	20.00	15.00	20.00	25.00
(28)	3.00	2.50	3.00	3.00

BIDS OPENED

SANTA CRUZ CO., Calif.—Fredericksen & Westbrook, P.O. Box 138, Lower Lake, at $29,225, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.1 mile grading at Inspiration Point between Los Gatos and Santa Cruz in Santa Cruz County.

The work involves:

(1) 45 M. gals. water;
(2) 38,000 c.y. roadway excav., unc.;
(3) 25,000 c.y. trench excav.;
(4) 5000 c.y. rock backfill.

Total bids follow:

(A) Fredericksen & Westbrook, Lower Lake.....$29,225
(B) J. L. Conner, Monterey..... 33,425
(C) O'Neal & Smith, North Long Beach 36,325
(D) Earl W. Heple, San Jose.... 37,885
(E) Peninsula Paving Co., S.F. 39,135

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$3.00	$5.00	$3.00	$3.00	$3.00
(2)	.43	.40	.38	.50	.50
(3)	.15	.20	.23	.25	.40
(4)	1.80	2.60	3.20	2.50	2.00

BIDS OPENED

FRESNO CO., Calif.—Union Paving Co., 624 Call Bldg., San Francisco, at $196,576, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 3.9 mi. grading and paving with asphalt concrete and portland cement concrete in Fresno County, between Biola Junction and Herndon.

The work involves:

(1) clearing and grubbing right of way;
(2) 4,950 M. gals. water;
(3) 22,000 c.y. roadway excav., unclassified;
(4) 500 c.y. struct. excav.;
(5) 550 c.y. ditch excav.;
(6) 69,000 c.y. imported borrow;
(7) 50,000 sta. yds. overhaul;
(8) 64,000 sq. yds. preparing subgrade;
(9) 350 tons coarse rock subgrade;
(10) 2,500 c.y. exist. conc. to be removed and disposed of;
(11) 207 sta. finishing roadway;
(12) 6,300 tons mineral aggregate (plant-mix surf.);
(13) 320 tons liq. asphalt, SC-4 (plant-mix surf.);
(14) 60 tons liq. asphalt, SC-2 (prime coat);
(15) 240 tons liq. asphalt, SC-2 (road-mix surf. treatment);
(16) 31,000 sq. yds. preparing, mixing and shaping shoulders;
(17) 30 tons liq. asphalt, SC-4, retempering;
(18) 27,300 sq. yds. remixing plant-mix surf.;
(19) 4,600 tons asphalt conc. (base and leveling course);
(20) 2,400 tons asphalt conc. (Type A surf. course);
(21) 8,720 c.y. Class A Portland cement conc. (pavement);
(22) 17,600 each pave dowels;
(23) 10 sections pavement crossing devices (Type B-10);

(24) 58,000 lbs. bar reinf. steel (pave and structs.);
(25) 175 c.y. Class A Portland cement conc. (structs.);
(26) 180 lin. ft. 24-in. stand. reinf. conc. pipe;
(27) 126 lin. ft. 26-in. by 6½-in. part. circle C M culvert;
(28) 60 lin. ft. laminated guard railing;
(29) 4 each culvert markers;
(30) 3.4 miles moving and resetting property fence;
(31) 20 each moving and resetting monuments;
(32) 20 each new monuments.

Total bids follow:

(A) Union Paving Co., San Francisco $196,576.00
(B) Hanrahan Co., San Francisco 204,898.20
(C) United Concrete Pipe Corp., Los Angeles..... 215,034.72
(D) Griffith Co., L. A..... 237,233.50

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$2000.00	$ 500.00	$1250.00	$6000.00
(2)	.40	1.00	.62	.75
(3)	.32	.35	.55	.45
(4)	1.50	1.25	.75	1.75
(5)	1.00	1.00	.62	1.00
(6)	.48	.60	.49	.70
(7)	.01	.015	.01	.02
(8)	.08	.09	.10	.13
(9)	3.50	4.00	3.43	3.50
(10)	1.50	1.90	1.75	2.00
(11)	8.00	10.00	5.00	10.00
(12)	2.20	2.16	2.66	3.00
(13)	13.00	15.50	15.00	15.00
(14)	15.00	14.00	25.00	10.00
(15)	13.00	12.50	11.25	10.00
(16)	.06	.06	.06	.07
(17)	18.00	19.00	18.75	15.00
(18)	.07	.07	.06	.11
(19)	3.20	3.00	3.81	4.00
(20)	3.50	3.45	4.12	4.00
(21)	8.75	8.31	9.25	8.75
(22)	.17	.20	.12	.17
(23)	30.00	40.00	62.50	50.00
(24)	.07	.06	.06	.06
(25)	20.00	22.00	25.00	22.00
(26)	3.00	2.25	3.12	3.00
(27)	2.50	2.00	1.87	2.00
(28)	2.00	1.50	1.25	1.10
(29)	3.00	2.50	2.50	2.00
(30)	350.00	310.00	312.50	550.00
(31)	1.25	1.50	3.75	2.00
(32)	3.00	3.00	3.75	3.00

BIDS OPENED

SAN FRANCISCO.—Pacific Pavements Co., Ltd., 85 Barstow St., at $37,703, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,962, for the widening and reconstruction of Bryant St., between Second and Fifth Streets.

The work involves:
(1) 120 c.y. rock fill;
(2) 39,000 sq. ft. basalt block pavement removed;
(3) 900 sq. ft. asphalt concrete pavement, consisting of a concrete base and an asphaltic wearing surface removed;
(4) 3,000 sq. ft. asphaltic concrete wearing surface removed;
(5) 4,600 lin. ft. curbs reset;
(6) 900 sq. ft. granite curb redressed;
(7) 150 lin. ft. new granite curb, in place;
(8) 190 lin. ft. armored concrete curb;
(9) 26 brick catchbasins reset or reconstructed;
(10) 26 concrete curb inlets reconstructed;
(11) 1 brick catchbasin constructed;
(12) 12 low pressure hydrants moved;
(13) 1 high pressure hydrant moved;
(14) 6 hyrdant excavations;
(15) 700 lbs. cast-iron pipe—specials;
(16) 170 lbs. wrought-iron bolts, nuts, washers;
(17) 100 lbs. pig lead furnished;
(18) 5 street and traffic signs moved;
(17) 14 manhole frames and covers installed;
(20) 2 fire and police boxes moved;
(21) 1,900 lin. ft. 1½-in. black conduit;
(22) 34,500 sq. ft. 8-in. class E concrete pavement;
(23) 100 lin. ft. 10-in. VCP culvert constructed;
(24) 14,500 sq. ft. two-course concrete sidewalk;
(25) 2,000 sq. ft. asphalt-macadam walk, consisting of a 4-in. rock macadam base and a 1-in. asphaltic concrete wearing surface;
(26) 2,500 tons asphaltic concrete base and levelling course;
(27) 1,300 tons asphaltic concrete wearing surface;
(28) 110 tons asphaltic concrete conform pavement;
(29) 45 c.y. class B concrete;
(30) 300 new cross-walk markers, in place;
(31) 5,040 sq. ft. white lacquer traffic lines and zones;
(32) 500 lin. ft. 6-in. VCP side sewer constructed.

Total bids follow:

(A) Pacific Pavements Co., Ltd., San Francisco.....$37,703.00
(B) Chas. L. Harney, S. F... 38,286.60
(C) A. G. Raisch, S. F..... 43,671.30

Unit bids follow:

	(A)	(B)	(C)
(1)	$1.50	$2.00	$1.60
(2)	.03	.07	.06
(3)	.06	.10	.16
(4)	.03	.03	.06
(5)	.40	.35	.50
(6)	.50	1.00	.80
(7)	2.00	2.50	1.90
(8)	.75	1.00	.75
(9)	50.00	50.00	50.00
(10)	5.00	10.00	5.00
(11)	75.00	90.00	90.00
(12)	35.00	45.00	40.00
(13)	40.00	60.00	40.00
(14)	3.00	5.00	4.00
(15)	.20	.12	.15
(16)	.15	.12	.13
(17)	.06	.06	.10
(18)	5.00	5.00	2.50
(19)	25.00	25.00	25.00
(20)	50.00	50.00	50.00
(21)	.70	.50	.67
(22)	.27	.28	.34
(23)	1.50	1.50	1.75
(24)	.12	.08	.13
(25)	.08	.08	.10
(26)	4.25	3.90	4.40
(27)	4.50	4.25	4.80
(28)	5.00	5.00	6.00
(29)	7.00	7.00	7.00
(30)	.20	.25	.25
(31)	.05	.03	.03
(32)	1.00	1.50	2.00

CONTRACT AWARDED

KLAMATH COUNTY, Ore.—Sam Orino, Bonneville, at $213,414.50 was awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for approximately 2.004 miles grading on the Crater Lake National Park Rim Road in Klamath County.

BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until October 5, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Rm. 201, Court House, Sacramento, for shoulder construction on the Galt-Thornton Rd.

The work involves:
(1) 8,800 sq. ft. shoulder work;
(2) 2,400 tons cementing road rock;
(3) 4,400 gals. SC-1A asph. road oil.

Plans and specifications obtainable from the office of County Engineer E. A. Fairbairn upon deposit of $10.

BIDS OPENED

SAN FRANCISCO—Eaton & Smith 715 Ocean Ave., at $3,780 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,978, for the improvement of the westerly one-half of 36th Ave. between Ulloa and Vicente Streets.

The work involves:
(1) 40 l.f. 8-in. VCP side sewer;
(2) 600 l.f. unarmored concrete curb;
(3) 12,000 sq. ft. asphaltic concrete pavement, consisting of 4-in. asphaltic concrete base and a 2-in. asphaltic concrete wearing surface.

Complete bids follow:

Eaton & Smith: (1) $1.50; (2) $0.40 (3) $0.29; total, $3,780.
Chas. L. Harney: (1) $1; (2) $0.70; (3) 0.28; total, $3,820.
Fay Imp. Co.: (1) $1.00 (2) $0.70; (3) $0.28; total, $3,820.

Bids held under advisement. ber 17.

CONTRACT AWARDED

SAN FRANCISCO.—A. G. Raisch, 1 DeHaro St., San Francisco, at $32,411.50, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,943, for the widening and reconstruction of Beale St., between Market St. and the Embarcadero.

BIDS WANTED

SAN FRANCISCO.—Until October 7, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,974, for the reconstruction of Seventh Avenue, between Lincoln Way and Lawton Streets, a PWA project. Estimated cost, $13,397.40.

The work involves:
(1) 122,000 sq. ft. remove and replace asphaltic concrete wearing surface;
(2) 460 l.f. resetting curbs to grade;
(3) 620 tons asphaltic concrete base and levelling course;
(4) 40 tons asphaltic conform pavement;
(5) 404 each, center line traffic markers;
(6) 1,600 sq. ft. 4-in. white lacquer traffic lines;
(7) 3 each, new manhole frames and covers;
(8) 440 sq. ft. two-course concrete sidewalk.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS OPENED

SANTA BARBARA CO., Calif.—L. A. Brisco, Arroyo Grande, at $4,940 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for removing and disposing of trees on about 1.4 miles in Santa Barbara County between Puente Drive and Maria Ignacio Creek.

The work involves:
(1) 4 each, trees to be removed and disposed of, Size 1;
(2) 29 each, do, Size 2;
(3) 90 each, do, Size 3;
(4) 14 each, do, Size 4.

Total bids follow:

(A) L. A. Brisco, Arroyo Grande, $4,940.00.
(B) The Gillum Co., Summerland, $6-165.00.

Unit bids follow:

	(A)	(B)
(1)	$10.00	$26.50
(2)	30.00	32.00
(3)	37.00	46.90
(4)	50.00	65.00

BIDS WANTED

YOLO COUNTY, Cal.—Until Oct. 5, 10:30 A. M., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for about 11.4 miles of non-skid surface treatment and natural rock asphalt surfacing applied to portions of the existing pavement, in Yolo County between Woodland and Knights Landing.

The work involves:

BIDS WANTED

LOS ANGELES CO., Calif.—Until October 5, 2 P. M., new bids will be received by the State Division of Highways, S. V. Cortelyou, District Engineer, Room 808, State Bldg., Los Angeles, for about 3.5 miles of plant-mixed surfacing to be applied to the shoulders, in Los Angeles County, on Rosemead Blvd. between San Gabriel Blvd. and Ramona Blvd.

The work involves:

(1) 32,500 sq. yds. preparing, shaping and finishing shoulders;
(2) 5,200 tons mineral agg. (plant-mixed surfacing);
(3) 290 tons liquid asphalt, SC-2 (do);
(4) 35 tons do (prime coat).

Plans and specifications obtainable from the above office.

BIDS OPENED

MERCED CO., Calif.—Louis Biasotti and Claude C. Wood, 669 Bedford Road, Stockton, at $222,557.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 10.5 miles grading and surfacing with plant mixed surfacing on crusher-run base in Merced County, between Los Banos and 10.5 miles easterly.

The work involves:

(1) 552 sta. clear and grub right of way;
(2) 4,300 M. gals. water;
(3) 66,000 c.y. roadway excav., unclassified;
(4) 66,250 c.y. struct. excav.;
(5) 3,500 c.y. ditch and channel excav.;
(6) 76,000 sta. yds. overhaul;
(7) 76,000 c.y. imported borrow;
(8) 552 sta. finishing roadway;
(9) 575 c.y. exist. conc. to be removed and disposed of;
(10) 13,200 tons crusher run base;
(11) 5,700 tons mineral aggregate (plant-mix surf.);
(12) 43 tons liq. asphalt, MC-2 (prime coat);
(13) 270 tons liq. asphalt, MC-4 or MC-5 (plant-mix surf.);
(14) 15 tons liq. asphalt ROMC-3 (plant-mix surf.);
(15) 32 tons liq. asphalt, MC-3 (seal coat);
(16) 350 tons screenings (seal coat);
(17) 2,500 sq. yds. asphaltic paint binder;
(18) 590 tons liq. asphalt, SC-2 (shoulders);
(19) 97,000 sq. yds. preparing, mixing and shaping shoulders;
(20) 750 c.y. Class A Portland cement concrete (structs.);
(21) 59,000 lbs. bar reinf. steel;
(22) 9,700 lbs. struct. steel;
(23) 312 lin. ft. 12-in. CMP;
(24) 1,750 lin. ft. 18-in. CMP;
(25) 630 lin. ft. 24-in. CMP;
(26) 18 lin. ft. 36-in. CMP;
(27) 552 lin. ft. 18-in. CMP siphons;
(28) 822 lin. ft. 24-in. CMP siphons;
(29) 916 lin. ft. 30-in. CMP siphons;
(30) 84 lin. ft. 36-in. CMP siphons;
(31) 1,764 lin. ft. 30-in. conc. pipe;
(32) 1 each 24-in. hand-operated slide gate;
(33) 2 each 30-in. hand-operated slide gates;
(34) 7 each 12-in. alfalfa valves;
(35) 1 each 18-in. alfalfa valve;
(36) 38 each 18-in. automatic drainage gates;
(37) 5 each 24-in. automatic drainage gates;
(38) 40 each 18-in. conc. joints, pipe siphons;
(39) 45 each 24-in. conc. joints, pipe siphons;
(40) 42 each 30-in. conc. joints, pipe siphons;
(41) 4 each 36-in. conc. joints, pipe siphons;
(42) 21 each exist. headwalls to be moved and reset;
(43) 1,400 lin. ft. laminated guard railing;
(44) 1,825 lin. ft. exist. guard rail to be removed and salvaged;
(45) 1,579 lin. ft. exist. CMP to be removed and salvaged;
(46) 156 lin. ft. exist. CMP to be removed and relaid;
(47) 34 each culvert markers;
(48) 15.5 miles new property fence;
(49) 0.3 mile exist. property fence to be moved and reset;
(50) 55 each drive gates;
(51) 116 each monuments complete in place.

Total bids follow:

(A) Louis Biasotti & Claude C. Wood, Stockton $222,557.50
(B) Union Paving Co., S. F. 226,722.70
(C) United Concrete Pipe Corp., Los Angeles..... 249,759.35

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 5.00	$10.00	$ 7.00
(2)	1.00	.60	.58
(3)	.20	.25	.42
(4)	1.00	1.00	.90
(5)	.50	.50	.71
(6)	.01	.01	.01
(7)	.70	.85	.80
(8)	4.00	5.00	5.50
(9)	3.00	5.00	3.75
(10)	1.70	2.40	2.80
(11)	4.56	2.50	2.99
(12)	22.00	25.00	17.00
(13)	18.00	20.00	19.00
(14)	18.00	23.00	19.00
(15)	22.00	25.00	21.00
(16)	3.60	3.50	4.20
(17)	.12	.03	.03
(18)	15.00	14.00	11.00
(19)	.06	.06	.07
(20)	35.00	20.00	22.00
(21)	.06	.05	.07
(22)	.10	.10	.12
(23)	1.50	1.25	2.00
(24)	1.90	1.90	2.35
(25)	3.00	2.60	3.10
(26)	7.00	5.00	5.85
(27)	2.35	2.75	2.85
(28)	3.35	3.00	3.70
(29)	4.55	4.00	4.75
(30)	6.70	6.00	6.30
(31)	3.00	3.00	3.50
(32)	40.00	50.00	50.00
(33)	70.00	75.00	60.00
(34)	14.00	10.00	15.00
(35)	18.00	15.00	40.00
(36)	25.00	25.00	32.00
(37)	30.00	30.00	45.00
(38)	10.00	10.00	10.00
(39)	12.00	13.00	10.00
(40)	15.00	16.00	18.00
(41)	20.00	20.00	20.00
(42)	10.00	10.00	15.00
(43)	1.25	1.25	1.00
(44)	.10	.30	1.00
(45)	.50	.80	.50
(46)	1.00	.50	1.25
(47)	3.00	3.00	4.00
(48)	420.00	500.00	700.00
(49)	420.00	400.00	800.00
(50)	20.00	20.00	25.00
(51)	3.00	3.00	3.00

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BIDS WANTED

(1) 560 tons natural rock asphalt;
(2) 25,500 sq. yds. asphaltic paint binder;
(3) 70 tons asphaltic emulsion, non-skid surface treatment.
(4) 1,450 tons coarse screenings.

Plans and specifications obtainable from the above office and on file at the office of the DAILY PACIFIC BUILDER.

LOW BIDDER

LOS ANGELES COUNTY, Calif.—Geo. J. Bock Co., 1120 N Las Palmas, Los Angeles ,at $136,551.90 submitted low bid to the Los Angeles County Board of Supervisors for improving Venice Blvd. bet. La Brea Ave. and Redondo Blvd., 1,566 l.f. or 0.3 of a mile.

Geo. W. Jones, county road commissioner.

BIDS OPENED

MONTEREY CO., Calif.—Granite Construction Co., Bin No. 9, Watsonville, at $28,889, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.9 mile grading and surfacing with crusher-run base and plant-mixed surfacing in the city of Salinas, Monterey County, on Market St., between Lincoln St. and the westerly city limits.

The work involves:

(1) 580 M. gals. water;
(2) 15 cu. yds. remove exist. conc.;
(3) 11,400 cu. yds. roadway excav. unclass.;
(4) 3000 cu. yds. imported borrow;
(5) 3800 cu. yds. subbase and shoulder material;
(6) 7700 sq. yds. salvaged macadam base;
(7) 1700 tons crusher run base;
(8) 17 tons liquid asphalt SC-2 (prime coat);
(9) 1680 tons mineral aggregate (plant-mix surf.);
(10) 87 tons liquid asphalt ROMC-3, ROMC-4, ROMC-5 (plant-mix surface);
(11) 28 tons liquid asphalt MC-3 (seal coat);
(12) 200 tons screenings (seal coat);
(13) 25 tons liquid asphalt SC-2 (penetration oil treatment).

Total bids follow:

(A) Granite Construction Co., Watsonville $28,889
(B) A. J. Raisch, San Jose..... 29,575

Unit bids follow:

	(A)	(B)
(1)	$1.30	$1.50
(2)	5.00	5.00
(3)	.50	.75
(4)	.90	.75
(5)	1.00	.90
(6)	.10	.20
(7)	2.00	2.00
(8)	20.00	20.00
(9)	4.80	3.45
(10)	20.00	21.00
(11)	22.00	19.00
(12)	2.40	3.00
(13)	18.00	15.00

BIDS OPENED

LOS ANGELES.—Gogo & Rados, 1024 S. Figueroa St., Los Angeles, at $387,483.59, submitted low bid to the Los Angeles Board of Public Works for the improvement of Santa Monica Blvd. from Heath Ave. to Sepulveda Blvd.

Complete total bids follow:

Gogo & Rados, Los Angeles $387,483.59
Heuser & Garnett, Glendale 409,696.52
P. J. Akmadzich, Los Angeles 410,730.29
Griffith Co., Los Angeles.... 418,474.70
Southern California Roads Co., Los Angeles..... 434,192.14
George J. Bock Co., Los Angeles 446,646.98
Engineer's Estimate 421,199.96

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $249,803, awarded contract by the State Division of Highways, Sacramento, for widening with portland cement concrete pavement about 18.7 miles between Monterey Park and Pomona, Los Angeles County.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Sully-Miller Contracting Co., 1550 W. 7th St., Long Beach, at $129,722.50, awarded contract by the State Division of Highways, Sacramento, for grading and paving with asphalt concrete about 1.2 miles between Polyhi Court and Stanley Avenue in the cities of Long Beach and Signal Hill, Los Angeles County.

BIDS WANTED

SAN FRANCISCO.—Until September 30, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under W.D. Contract No. 113, for roadway and fencing and landscaping for the Pulgas outfall weir.

The work involves:

(1) 165 c.y. excav. and backfill;
(2) 20 c.y. concrete work;
(3) 1,600 lbs. furnishing and placing reinforcing bars;
(4) Lump sum, constructing ornamental fountain and pool;
(5) 30,000 sq. ft. paving drives and parking areas;
(6) 2,500 sq. ft. furnishing and placing gravel surfacing for foot walks;
(7) 30 c.y. rubble masonry;
(8) 1,300 l.f. constructing field stone borders;
(9) 475 l.f. furnishing and installing steel line posts and 6-strand barbed-wire fence;
(10) 15 each, furnish and install corner posts, end posts and gate posts for fence;
(11) Furnish and install one 1/5 swing walk gate;
(12) 300 l.f. remove and reconstruct existing steel post, 6-strand barbed-wire fence;
(13) 105 lin. ft. furnish and erect wrought-iron fence;
(14) Lump sum, construct timber footbridge;
(15) 3,050 lbs. furnish and install wrought-iron pipe and fittings;
(16) Lump sum, furnish and install 120 GMP pump and gasoline engine;
(17) Lump sum, furnish and install brass weir plate;
(18) Lump sum, furnish and install granite monument and bronze plaque.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10.

N. A. Eckart, Chief Engineer. * 29

BIDS OPENED

LOS ANGELES.—A & B Constr., 110 N. McPherrin St., Monterey Park, at $50,295.60, submitted low bid to the Los Angeles Board of Public Works, for the improvement of Fourth Street, between Indiana and Fresno Streets.

Total bids follow:

A & B Constr. Co., Monterey Park	$50,295.60
Griffith Co., Los Angeles	51,234.51
Sander Pearson, Santa Monica	52,030.70
Engineer's Estimate	46,674.00

CONTRACT AWARDED

SAN FRANCISCO.—M. Bertolino, 32 Shotwell St., San Francisco, at $240, awarded contract by the Department of Public Works, City Hall, under Spec. No. 4653, for the removal of three eucalyptus trees on the south side of 19th St., 50 ft. west of Market Street.

PLANNED

SAN FRANCISCO.—The Department of Public Works, S. J. Hester, Chief Deputy Director, Room 251, City Hall, plans the improvement of Balboa Street (north one-half) between Third Ave. and 120 ft. east, and at forty-two other locations, by the construction of one-course sidewalks of full official width where concrete or bituminous rock sidewalk of full official width are defective or not already constructed to official grade; and the improvement of Mission Street (southeast one-half) between 50 ft. and 100 ft. southwest of Italy Ave. and at two other locations, by constructing one-course concrete sidewalks 6 ft. wide where sidewalks are defective.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—C. F. Robbins, 915 Merritt Bldg., Los Angeles, at $71,434.05, awarded contract by the State Division of Highways, Sacramento, for grading and paving with portland cement concrete, asphalt concrete and bituminous macadam armor coat on selected material base about 0.3 mile on Washington Blvd., between Spence Street and Downey Road, Los Angeles County.

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—A. J. Raisch, 368 Lincoln Ave., San Jose, at $7,930 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, San Jose, for paving about 0.5 mile of Pastoria Ave. in District No. 5, involving approximately 54,050 sq. ft. asphaltic concrete pavement.

Union Paving Co., San Francisco, at $8,079 submitted the only other bid.

LASSEN COUNTY—14.2 MILES GRADING—(STATE)

LASSEN COUNTY, Cal.—Poulos & McEwen, 2522 17th St., Sacramento, at $30,247.80 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading about 14.2 miles between Thermo and Madeline in Lassen County.

The work involves:

(1) 186,000 c.y. roadway excavation, unclassified;
(2) 90,000 sta. yds. overhaul;
(3) 25 c.y. ditch and channel excavation;
(4) 400 c.y. structure excavation;
(5) 748 stations finishing roadway;
(6) 138 l.f. 18-in. CMP;
(7) 126 l.f. 24-in. CMP;....
(8) 252 l.f. 30-in. CMP;
(9) 82 l.f. 36-in. CMP;
(10) 18 ea. culvert markers;
(11) 125 ea. monuments;

NOTE: The State will furnish Corrugated Metal Pipe as more explicitly set forth in the special provisions.

Total bids follow:

(A) Poulos & McEwen, Sacramento, $30,247.80.
(B) Fredericksen & Westbrook, Lower Lake, $32,032.00.
(C) Louis Biasotti & Son and Claude C. Wood, Stockton, $36,895.00.
(D) Dunn & Baker, Klamath Falls, $38,224.90.
(E) Harms Bros., Doyle, $38,995.60.
(F) Hemstreet & Bell, Marysville, $41,703.70.
(G) Daniel Bayles, Biggs, $41,929.50.
(H) Dodge Const., Inc., Fallon, Nev., $48,488.00.
(I) Isbell Const. Co., Reno, $55,917.60.
(J) Union Paving Co., San Francisco $84,809.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$.15	$.1525	$.16	$.17	$.1775	$.20	$.195	$.24	$.25	$.38
(2)	.005	.005	.02	.02	.01	.01	.01	.01	.02	.03
(3)	1.00	2.00	1.00	1.00	1.00	1.00	.75	1.00	1.00	2.00
(4)	.50	2.00	1.00	1.00	1.25	1.00	.75	1.00	1.50	2.00
(5)	1.50	2.00	5.00	5.00	5.00	3.00	5.00	2.00	8.00	10.00
(6)	.25	.50	1.00	.35	.50	.50	.40	1.00	.60	3.00
(7)	.30	.50	1.00	.50	.60	.75	.40	1.00	.70	4.00
(8)	.35	.50	1.00	.60	.70	1.00	.50	1.00	.80	5.00
(9)	.40	.50	1.00	.70	.80	1.10	.60	1.00	1.00	6.00
(10)	2.50	4.00	4.00	2.50	3.00	3.00	2.50	3.00	3.00	3.00
(11)	2.50	4.00	4.00	3.00	3.00	3.00	3.00	3.00	4.00	3.00

LOS ANGELES COUNTY—RIO HONDO BRIDGE—(State)

LOS ANGELES CO., Calif.—Carlo Bongiovanni, 2561 Canyon Drive, Los Angeles, at $65,843.10, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder bridge across Rio Hondo at Rosemead Ave., two miles west of El Monte, consisting of seven 48-ft. spans and two 39-ft. spans.

The work involves:

(1) 30 M. gals. water;
(2) 500 c.y. rdwy. excav.;
(3) 300 c.y. struc. excav. (bents 1 and 10);
(4) 650 c.y. do (bents 2 and 9 inc.);
(5) 1,500 sq. yds. subgrade for pave.
(6) 300 c.y. Class A Portland cement concrete (pavement);
(7) 630 each pavement dowels;
(8) 376,000 lbs. bar reinf. steel;
(9) 170 c.y. Class A Portland cement concrete (footing blocks);
(10) 1,675 c.y. do (structure);
(11) 26 c.y. do (railing);
(12) 11,000 lbs. struc. steel (railing);
(13) 860 lbs. bronze;
(14) 2,600 l.f. concrete piles cast in place;
(15) 200 l.f. bank protection fence;
(16) 16 c.y. Class A Portland cement concrete (curbs and gutters);
(17) 1 lot misc. items of work.

Total bids follow:

(A) Carlo Bongiovanni, Los Angeles	$65,843.10
(B) John Strona, Pomona	66,555.50
(C) T. A. Allen Const. Co.	67,300.00
(D) Donald Atkinson, San Francisco	72,185.50
(E) Oscar Oberg, Los Ang's	72,442.30
(B) Byerts & Dunn, L. A.	75,555.00
(G) Griffith Co., L. A.	82,189.20
(H) J. E. Haddock, Ltd., Pasadena	87,557.60

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$3.00	$2.00	$ .50	$3.00	$4.50	$3.00	$4.00	$3.00
(2)	.50	.40	.60	1.00	.90	.80	.70	1.00
(3)	2.00	1.00	.60	2.00	1.20	1.65	1.25	3.00
(4)	2.00	6.50	3.00	4.00	6.60	10.00	4.00	13.50
(5)	.15	.12	.12	.10	.15	.20	.15	.20
(6)	10.00	9.00	10.75	10.00	9.50	10.00	8.00	10.00
(7)	.15	.10	.10	.15	.20	.10	.14	.12
(8)	.04	.0385	.035	.05	.042	.045	.045	.045
(9)	17.00	8.00	10.00	10.00	10.00	10.00	18.00	23.00
(10)	18.00	17.90	18.00	20.00	19.70	17.00	23.80	24.00
(11)	60.00	40.00	30.00	40.00	50.00	40.00	80.00	65.00
(12)	.11	.15	.11	.15	.13	.15	.16	.175
(13)	.26	.35	.40	.35	.38	.35	.30	.40
(14)	2.65	2.65	4.80	2.50	3.20	3.00	3.00	2.70
(15)	5.00	5.40	5.25	5.00	5.00	6.00	5.00	5.00
(16)	20.00	13.00	12.00	10.00	15.00	12.00	18.00	13.00
(17)	1000	1840	321	500	900	5429	3000	700

CONTRACT AWARDED

MONTEREY CO., Calif.—A. J. Raisch, 368 Lincoln Ave., San Jose, at $10,566, awarded contract by the State Division of Highways, Sacramento, for treating with liquid asphalt about 20.1 miles between Gonzales and Chular and between Hilltown and Monterey in Monterey County.

BIDS WANTED

ORANGE CO., Calif.—Until October 15, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 3.6 miles grading and surfacing with plant-mixed surfacing and constructing a timber trestle bridge, in Orange County, between Carolina Ave. and Yorba Linda.

The work involves:

(1) 189 sta. clearing and grubbing right of way;
(2) 2,200 M. gals. water;
(3) 230 c.y. removing existing conc.;
(4) 50,000 c.y. roadway excav., unclassified;
(5) 1,810 c.y. struct. excav.;
(6) 510 c.y. ditch and channel excavation;
(7) 41,000 c.y. imported borrow;
(8) 220,000 sta. yds. overhaul;
(9) 189 sta. finishing roadway;
(10) 51 tons liq. asphalt, MC-2; (prime coat);
(11) 9,000 tons mineral aggregate; (plant-mix surfacing);
(12) 470 tons liq. asphalt, MC-4 or MC-5 (do);
(13) 1,500 sq. yds. asphaltic paint binder;
(14) 20,500 lbs. bar reinf. steel;
(15) 190 c.y. class A portland cement concrete (structures);
(16) 8 M. ft. b.m. douglas fir timber; (treated);
(17) 39 M. ft. b.m. salvaged douglas fir timber;
(18) 6.5 M. ft. b.m. redwood timber, dense, select, all-heart, struct. grade;
(19) 2,945 l.f. furnish douglas fir piles, treated, incl. test piles;
(20) 66 each driving douglas fir piles, incl. test piles;
(21) 210 l.f. 24-in. std. reinforced conc. pipe;
(22) 100 l.f. 36-in. std. reinforced concrete pipe;
(23) 300 l.f. 8-in. CMP;
(24) 550 l.f. 18-in. CMP;
(25) 600 l.f. 24-in. CMP;
(26) 290 l.f. 36-in. CMP;
(27) 70 l.f. 48-in. CMP;
(28) 130 l.f. 54-in. CMP;
(29) 310 l.f. removing and salvaging pipe culverts;
(30) 13 each spillway assemblies;
(31) 15 c.y. class A portland cement concrete (curbs and sidewalks);
(32) 52 each, culvert markers;
(33) 155 each, guide posts;
(34) 2 each, clearance markers.

NOTE: The state will furnish corrugated metal pipe and embankment protectors as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

SAN DIEGO CO., Calif.—Daley Corp., 4430 Boundary St., San Diego, at $283,922.45, awarded contract by the State Division of Highways, Sacramento, for about 2.7 miles grading and paving with portland cement concrete in San Diego County on El Cajon Ave., San Diego, from Texas Street to Euclid Ave.

CONTRACT AWARDED

SANTA CLARA CO., Calif.—Union Paving Co., 624 Call Bldg., San Francisco, at $37,942 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, San Jose, for approximately 2 miles of surfacing on the Stevens Creek Road, involving:

(1) 334,870 sq. ft. asphaltic concrete surfacing;
(2) 4,300 tons asphaltic concrete base material.

A. J. Raisch, San Jose, at $39,605 submitted the only other bid.

CONTRACT AWARDED

ORANGE CO., Calif.—George R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, at $172,176.40, awarded contract by the State Division of Highways, Sacramento, for grading and paving with portland cement concrete about 8.9 miles between Newport Beach and Laguna Beach, Orange County.

CONTRACT AWARDED

TULARE CO., Calif.—N. M. Ball Sons' Co., P.O. Box 404, Berkeley, at $14,609, awarded contract by the State Division of Highways, Sacramento, for about 0.44 mile grading and applying road-mix surface treatment and constructing a timber bridge in Tulare County, between 1.75 miles and 2.25 miles east of Porterville.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—C. R. Butterfield, 1401 N. Gaffey St., San Pedro, at $21,951.50, awarded contract by the State Division of Highways, Sacramento, for grading and paving with portland cement concrete about 0.5 mile between Route 19 and Anaheim-Spadra Road, Los Angeles County.

CONTRACT AWARDED

LOS ANGELES, Calif.—Southwest Paving Co., 11,402 Radford St., Roscoe, at $12,835.03 awarded contract by the Los Angeles Board of Public Works, for improving Sunset Blvd. between Hilgard Ave. and Veteran Avenue.

CONTRACT AWARDED

LOS ANGELES, Calif.—Gogo and Rados, 1024 S Figueroa St., Los Angeles, at $387,483.59 awarded contract by the Los Angeles Board of Public Works for the improvement of Santa Monica Blvd. from Heath Ave. to Sepulveda Blvd.

CONTRACT AWARDED

SACRAMENTO CO., Calif.—J. A. Casson, 319 Warren St., Hayward, at $59,065, awarded contract by the State Division of Highways, Sacramento, for about 1.2 miles surfacing with bituminous treated surfacing and 4.1 miles surfacing with crusher run base in Sacramento County, between H Street subway and Auburn Blvd.

CONTRACT AWARDED

INYO CO., Calif.—Basich Bros., 20550 Normandie Ave., Torrance, at $20,216, awarded contract by the State Division of Highways, Sacramento, for grading and applying road-mix surface treatment and seal coat on about 1.7 miles between 2.5 miles and 0.7 mile south of Inyo-Mono County Line.

30—RESERVOIRS & DAMS

HEARING CALLED

SAN DIEGO CO., Cal.—Major Theo. Wyman, Jr., U. S. District Engineer, 751 South Figueroa St., Los Angeles, has set October 12, 10 A. M., as the time for a hearing in Community Hall, Palm City, on proposed improvements for flood control on the Tia Juana River, San Diego County.

CONTRACT AWARDED

SAN FRANCISCO—Enterprise Foundry Corp., 2909 19th St., at $9,804.57 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1634, for furnishing cast iron pier plates and cast iron pipe fittings, etc.

CONTRACT AWARDED

TUCUMCARI, N. M.—Bent Bros., Inc., 418 S Pecan St., Los Angeles, and Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $4,587,676.25 awarded contract by the U. S. Engineer Office, Tucumcari, N. M., for construction of the main dam and wing dams of the Conchas Dam project, located on the South Canadian River, approximately 27 miles north of Newkirk, N. M. Work includes construction of a concrete gravity dam and two earth wing dams contiguous thereto.

Complete total bids published Sept. 14. A tabulation of unit bids is on file at the office of DAILY PACIFIC BUILDER.

31—PIPE LINES & WELLS

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until October 5, 2 P. M., bids will be received by the State Division of Highways, E. Q. Sullivan, District Engineer, 247 3rd St., San Bernardino, for drilling a water supply well at the Hinkley Maintenance Station site, San Bernardino County.

Plans and specifications obtainable from the above office. 31

BIDS WANTED

SALEM, Oregon.—Until October 13, 7:30 P. M., bids will be received by the Salem City Council, A. W. Jones, City Recorder, for construction of a water supply line to be built between the east city limits of Stayton, Oregon, and distributing reservoir in Salem. Work will be divided into three or more sections and separate or inclusive bids considered. Alternate bids will be taken on steel, concrete and wood pipe on parts of the work.

Separate bids will be considered for the general contract and for purchase of materials.

The work will involve about 1700 feet of 24-in., 42,200 ft. of 30-in. and 80,500 ft. of 36-in. pipe.

Bidders must signify desire to bid by filling request with Cuyler Van Patton, Manager of Municipal Water System, on or before October 3.

Plans and specifications obtainable from Consulting Engineers Stevens & Koon, Spauling Bldg., Portland; $25 deposit will be returnable when bid is submitted, otherwise $10 will be retained. 31

BIDS WANTED

ABERDEEN, Wash.—Until Sept. 30 bids will be received by the Aberdeen City Council, Victor Lindberg, City Comptroller, for construction of a 52-inch pipe line extending from Junction to Hoquiam City limits, to provide a daily water supply of 30,000,000 gallons for the Grays Harbor Pulp & Paper Co., which will pay the expense over a 25-year period. Cost is estimated at $270,000.

Plans and specifications obtainable from City Engineer S. C. Watkins.

BIDS WANTED

SAN BERNARDINO CO., Cal.—Until October 5, 2 P. M., as previously reported, bids will be received by the State Division of Highways, E. Q. Sullivan, District Engineer, 247 3rd St., San Bernardino, for drilling a water supply well at the Hinkley

Maintenance Station site, San Bernardino County.

The work involves:

(1) 1 lot furnishing drilling equipment comp. in place and ready for operation;
(2) 50 l.f. of well complete in place (ground level to 50-ft. depth);
(3) 25 l.f. of well complete in place (below 50-ft. depth);
(4) 1 lot capacity and alignment tests complete.

Plans and specifications obtainable from the above office.

BIDS WANTED

ABERDEEN, Wash.—Until Sept. 30, 5 P. M. (to be opened at 7:30 P. M.) bids will be received by the Aberdeen City Council, Victor Lindberg, City Comptroller, for construction of 32,000 l.f. of 54-in. pipe line extending from Junction to Hoquiam city limits, to provide a daily water supply of 30,000,000 gallons for the Grays Harbor Pulp & Paper Co., which will pay the expense over a 25-year period. Cost is estimated at $270,000.

Work includes all clearing, grading, trenching, backfilling, 858,000 F B M treated and/or untreated Douglas fir pipe staves, 47,000 mild steel bands, 67,000 malleable shoes and butt joints, and appurtenances, for the complete construction of the pipe line and structures.

Plans and specifications obtainable from the office of the Superintendent of the Water Department.

S. C. Watkins, city engineer.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BONDS VOTED

WASCO, Kern Co., Calif.—A bond issue of $90,000 to finance construction of a sewer collection system, outfall sewer, and sewage disposal plant in the Wasco Public Utility District carried by a vote of 316 to 32 at the election September 15. Total cost of the work is estimated at $151,363, of which 45% will be asked as a PWA grant.

H. H. Holley, Visalia, engineer. 32

33— WATER WORKS

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho.—Until October 13, 10 a.m., bids will be received by the Bureau of Reclamation, Ontario, Oregon, R. J. Newell, Construction Engineer, under Bid No. 837-D, for the construction of the Dead Ox pumping plant, Dead Ox Flat Division, Owyhee Project.

The work is located near Ontario, and the principal items of work involved are:

(1) 155 c.y. all classes of excavation;
(2) 300 c.y. backfill;
(3) 680 c.y. concrete;
(4) Placing 88,000 lbs. of reinforcement bars and fabric;
(5) Installing 520 l.f. metal sealing strips;
(6) Installing 30,000 lbs. of metal work;
(7) Installing 1,100 sq. ft. asphalt-saturated felt roofing, complete with flashing;
(8) Installing 1,100 l.f. electrical metal conduit.

Work shall be commenced within 30 calendar days and completed within 105 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Ontario, Oregon, or Denver, Colorado, without charge to prospective bidders; to others, $1.50, not returnable.

BIDS WANTED

HICKAM FIELD, T. H.—Bids will be received until October 15, 1:30 P. M. P. S. T., at the office of the Constructing Quartermaster, Fort Mason, San Francisco, and until 11 A. M., H. S. T., at the office of the Purchasing and Contracting Officer, Hickam Field, under Bid No. W-397-37-7, for the construction and completion of the second phase of the fresh water system, including a steel standpipe and enclosure, at Hickam Field.

Plans and specifications obtainable from the above offices upon deposit of a certified check for $10, payable to the Finance Officer, Fort Mason, or to the Finance Officer, Fort Shafter, T. H., if obtained at Hickam Field.

FUNDS ALLOTTED

ATWATER, Merced Co., Cal.—As previously reported, a grant of $35,182 to the City of Atwater has been approved by the PWA to aid in construction of a municipal waterworks system estimated to cost $78,182.

The project consists of the construction of a municipal water supply system, including wells, motors, pumps, an elevated steel tank, a distributing pipe system, fire hydrants and consumers' services. Two wells will be bored 200 feet deep, estimated to yield 1,500 gals. per min. each. Two 8-inch 4-stage turbine pumps with 50-h.p. motors will be installed, each of which will deliver 750 gals. per minute against a total head of 200 ft. There will be 53 gate valves on these lines and 74 fire hydrants with two 2½-inch openings on each. About 8.2 miles of pipe line will be constructed and the storage tank will have a capacity of 75,000 gallons.

W. E. Bedesen, 135 21st St., Merced, city engineer.

34— PARKS AND PLAYGROUNDS

September 18, 1936

BIDS OPENED

SOUTH PASADENA, Calif.—City Wide Lawn Service Co., Inglewood, at $740 submitted low bid to Treasury Department, Washington, D. C., for seeding and planting the grounds at the U. S. post office, South Pasadena.

Complete bids follow:

City Wide Lawn Service Co., Inglewood	$740.00
Peterson Bros., Inglewood	842.00
Jannock Nurseries, Pasadena	981.85

Bids held under advisement.

35— TUNNELS

BIDS WANTED

HICKAM FIELD, T. H.—Bids will be received until October 15, 1:30 P. M., P.S.T., at the office of the Constructing Quartermaster, Fort Mason and until 11 A. M., H.S.T., at the office of the Purchasing and Contracting Officer, Hickam Field, as previously reported, under Bid No. W-397-37-7, for the construction and completion of the second phase of the fresh water system, including a steel standpipe and enclosure at Hickam Field.

Bids will be taken as follows:

(I) Work complete, for the second phase of the fresh water system, includ. the steel standpipe with concrete enclosure and all utilities thereto;
(II) (Alt.) Add or deduct from Item (I) if asbestos-cement composition pipe is used in lieu of cast iron pipe;
(III) (Alt.) Add or deduct from Item (I) if centrifugally cast, reinforced concrete pipe is used in lieu of cast iron pipe;
(IV) (Alt.) Add or deduct from Item (I) if street washers are used in lieu of spring loaded valves;
(V) Unit prices: (Note—Unit price on pipe shall be for pipe in place, less excavation and backfill).

(1) Unclassified excav., per c.y.;
(2) Unclassified trench excav., per c.y.;
(3) Backfill, in trenches, per c.y.;
(4) 12-in. cast iron pipe, per l.f.;
(5) 8-inch do;
(6) 6-inch do;
(7) 4-inch do;
(8) 2-inch do;
(9) 12-inch asbestos - cement pipe, per l.f.;
(10) 8-inch do;
(11) 6-inch do;
(12) 4-inch do;
(13) 12-inch centrifugally cast reinforced concrete pipe, per l.f.;
(14) 8-inch do;
(15) 6-inch do;
(16) 4-inch do;
(17) 12-inch gate valves, each;
(18) 8-inch do;
(19) 6-inch do;
(20) 4-inch do;
(21) 2-inch do;
(22) Cast iron fittings and specials, per lb.;
(23) Concrete, per c.y. (1500-lb. test at 28 days, including forms);
(24) Concrete, per c.y. (2000-lb. test at 28 days, including forms);
(25) Concrete, per c.y. (3000-lb. test at 28 days, including forms);
(26) Reinforcing steel, per ton;
(27) Spring loaded valves, each;
(28) Street washers, each;
(29) 2-in. galv. iron pipe, per l.f.;
(30 1½-inch do;
(31) 1¼-inch do;
(32) Galvanized iron fittings, per lb
(33) 1¼-inch corporation cocks, ea.;
(34) 6-inch fire hydrants, each;
(35) 4-inch do;
(36) Valve boxes, each;
(37) Concrete rings, each.

Captain H. B. Nurse, constructing quartermaster, Hickam Field.

Plans and specifications obtainable from the above offices upon deposit of a certified check for $10, payable to the Finance Officer, Fort Mason, San Francisco, or to the Finance Officer, Fort Shafter, T. H., if obtained at Hickam Field.

TO ASK BIDS

ALAMEDA-CONTRA COSTA CO., Cal.—The Bureau of Public Roads, C. H. Sweetser, District Engineer, has approved the plan of the Board of Directors of Joint Highway District No. 13 to proceed with completion of the Broadway Low-Level Tunnel under eight segregated contracts. Specifications will be forwarded to the State Division of Highways in Sacramento for approval this week.

Wallace B. Boggs is chief engineer of the district.

CONTRACT AWARDED

CONTRA COSTA COUNTY, Cal.—A. Soda & Son, 5231 Grove St., Oakland, at $7,250.20 submitted lowest regular bid and awarded contract by the Contra Costa County Board of Supervisors, Martinez, for repair of a tunnel on the Alameda-Contra Costa County line.

The work involves:

(1) 32,900 FBM timber;
(2) 850 lbs. miscellaneous iron.

Complete bids follow:

A. Soda & Son, Oakland: (1) $218; (2) $0.10; total, $7,257.20.

James E. Sullivan, Orinda: (1) $238 (2) $0.08; total, $7,898.20.

C. A. Lauritzen, Antioch: (1) $241; (2) $0.08; total, $7,996.90.

Karl S. Koller, Crocker: (1) $270; (2) $0.10; total, $8,968.

Matt L. Salo, et al, submitted a lump sum bid of $6,050.

R. R. Arnold, county surveyor.

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Vol. XIX SAN FRANCISCO, CALIF., OCTOBER 3, 1936 No. 39

S. F. BUILDING TOTAL $944,000 IN SEPTEMBER

No Public Awards; Residential Volume Drops From August

Building permits issued by the San Francisco Central Permit Bureau in September totalled $944,312 according to the monthly report of S. J. Rosenblum, head clerk, to Director of Works Wm. H. Worden. This total compares with $653,046 for September, 1935, and $1,699,-327 for August.

Permits for dwellings, as indicated by the total for frame-type construction, was considerably lower than for other recent months. The number for this class of work was 131 and the value $560,000. In August the total for the same classification was $803,445.

The month's total, however, again is almost entirely composed from private building awards. Public work accounted for only two permits valued at $7,687 during September.

The total permit value for the calendar year to date is $13,328,-044, which compares with $9,324,-053 for the same period of 1935.

Following are the figures for September, classified by types of construction, and compared with the same month of 1935:

	Sept., 1936		Sept., 1935	
Class.	No. of P'mts	Est. Cost	No. of P'mts	Est. Cost
A	1	$ 45,000	.....	$ .....
B	1	16,000	.....	.....
C	8	56,000	8	32,500
Frames	131	560,000	84	383,765
Alter.	500	259,625	384	198,543
Public	2	7,687	5	33,278
Harbor	....	.....	.....	.....
U. S. Govt.	....	.....	1	4,960
Total	643	$944,312	482	$653,046

A. G. C. OFFICERS HERE OCTOBER 16

A reception by members of Northern and Central California chapters of the Associated General Contractors will be tendered W. A. Klinger, national president, and E. J. Harding, executive secretary of the national chapter, on the night of October 16, according to present plans by directors of the two San Francisco chapters. Floyd O. Booe and W. E. Hague, managers of the local associations, are completing arrangements for entertainment of the national officers. Mr. Klinger and Mr. Harding are scheduled to arrive Friday from Portland and will be here until Monday when they will leave for Los Angeles. Saturday morning they probably will be taken on a tour of the San Francisco-Oakland and Golden Gate bridges.

500,000 Tons Rock To Be Placed In Jetty Extension

Bids are being received October 27 by the U. S. Engineers at Portland, First District, for constructing an extension to the south jetty at the mouth of the Umpqua River in Douglas County, Oregon.

The project includes repair of tramways and furnishing about 500,000 tons of stone and 9,200 tons of asphaltic concrete binder.

The contractor will be required to remove accumulated sand and drift from land trackage and tramway for a distance of about 2000 feet and to construct 3,300 lineal feet of standard gauge tramway. The stone will be placed along the new tramway.

Nearest town to the site is Reedsport, about 11 1-2 miles distant. The location is reached by small vessels and by highway.

COURT BLOCKS RATE FIXING ON U. S. JOBS

Los Angeles Action to Penalize Dump Truck Operators Dismissed

Right of the State Railroad Commission to fix minimum truck rental rates for dump truck operators contracting with agencies of the United States government has been denied by the Los Angeles County Superior Court in deciding an action brought by the commission to penalize low bidders on a contract with the U. S. Engineers. Superior Judge Robert W. Kenny sustained a demurrer of the defendants without leave to amend.

The Railroad Commission is appealing the case and the outcome is awaited with interest by truck operators and others, including the California State Division of Highways, which itself is contesting application of minimum rental rates to highway maintenance work.

Defendants in the Los Angeles case are Western Trucking Co. and Santo Tedesco from whom the commission is demanding a penalty of $500 a day for each of five successive days during which their equipment was being used by the U. S. Engineers.

The firm of Horowitz & McCloskey, Los Angeles, is representing the defendants. In their demurrer to the complaint in superior court they argued lack of jurisdiction of the state over rates to be paid by the Federal government, a point which was supported by the U. S. District Attorney in Los Angeles. Other points were the lack of jurisdiction of the commission to regulate private carriers and the absence of any right in the legislature to confer such powers upon the commission.

The case now is before Justice Houser in the District Court of Appeal, Los Angeles.

CITY RULING TO RESTRICT COMMISSIONS

City Architect Designated For Standard Units Of School Work

Motions calling for the use of city rather than private architects wherever possible in designing the buildings for the proposed San Francisco Junior College; a tentative arrangement of the initial units of the college; and separate gymnasiums and athletic fields for girls and boys there, have been adopted by the Board of Education.

The motion regarding the use of city architects instead of private offices applies only to the so-called unit structures, principally classroom and laboratory buildings. "Special" buildings which include the cafeteria, library, administration building and auditorium probably will be designed by private architects.

Acting on a resolution passed by the board, Chief Administrative Officer Cleary has named the firm of Miller and Pflueger and John Baur as architects for the junior college.

Action on the building program for the college is being held up pending word from Washington regarding the success of an application for a PWA grant of 45 per cent of $1,501,365, the amount required to carry on the proposed school construction program planned by the board.

Buildings which are considered absolutely necessary in order to open the junior college are a gymnasium, a laboratory, a cafeteria, a library and three classroom buildings. Should the PWA application be turned down these structures will be built with the $575,000 set aside for that purpose in the tentative budget made last July. Approximately $450,000 of this amount would be spent for actual construction, the remainder being used for equipment.

The board delayed action on a recommendation of Commissioners C. A. Derry and Mrs. L. W. Dinkelspiel that additional facilities including lunch rooms and an outdoor shelter be erected at Francis Scott Key School, until the result of the PWA application is definitely known. The school is slated to receive a $60,000 auditorium when funds are available. The auditorium is listed as a "future" project and no definite plans regarding its construction have been made.

County Planning For Contra Costa Urged by Group

Employment of a consulting planning engineer is contemplated by the Contra Costa County Development Association to prepare a long range program for development of the county and to advise on building restrictions.

The residential committee of the association, headed by J. A. Mitchell of Walnut Creek, has advised that detailed studies be made made of the situation in residential properties. At present there are large areas of the county which may be improved that are outside incorporated cities and are subject to no control.

This committee also is considering a request to the board of supervisors for a county building inspection department.

Peletz President Of State Exchange; Directors Selected

L. S. Peletz of Stockton, was elected president of the California State Builders' Exchange, succeeding C. W. Pettifer of Long Beach, at the annual convention in Santa Barbara.

Other new officers are H. L. Sweeney, Santa Barbara, first vice-president; Roy M. Butcher, San Jose, second vice-president; Walter Sorensen, Orange County, third vice-president; W. G. Thornally, Oakland, fourth vice-president; H. R. Cayford, Fresno, secretary.

Members of the executive committee are L. S. Peletz, C. W. Pettifer, P. M. Sanford, R. E. Homann and W. G. Thornally.

Following will serve on the board of directors: C. W. Pettifer, Long Beach; L. S. Peletz, Stockton; H. L. Sweeney, Santa Barbara; Allyn Burr, Sacramento; Walter Sorensen, Orange County; W. H. George San Francisco; P. M. Sanford, Richmond; R. E. Homann, Los Angeles; F. A. Plummer, Salinas; W. P. Loesch, Pasadena; High McNulty, Fresno; Roy M. Butcher, San Jose; F. M. Booth, Yuba City; A. O. Calhoun, Santa Monica; W. G. Thornally, Oakland; J. W. Blean Colusa; George Haddix, San Pedro.

NEVADA ENGINEER TRANSFERRED BY PWA

Transfer of R. C. Haefeli, acting public works engineer in Nevada since Sept. 3, 1935, to the Washington offices of the PWA was announced this week. Haefeli, who has been connected with the PWA for the last three years, came to Reno from Washington as chief engineer. He was appointed acting state administrator last April following the resignation of J. L. Vandover and served in that capacity until a few weeks ago when W. L. Felt was named acting administrator.

CENTER LANE OF SPAN DECK IS COMPLETED

Last Concrete Poured To Form Continuous Strip Across Bay

A continuous lane of paving now extends from San Francisco to Oakland with the completion of the center slab on the continuous truss spans of the West Bay Crossing of the San Francisco-Oakland Bay Bridge, according to the weekly progress report by Chief Engineer C. H. Purcell. This lane extends from the Fifth Street Plaza in San Francisco to the Oakland Terminal at 38th and Market Streets, according to Mr. Purcell.

Final concrete for the upper deck center lane was poured between the San Francisco anchorage and Pier W-1, completing the last 10,622 linear feet of paving on the upper deck center lane of the West Bay Crossing.

The paving of the entire six lanes of the upper deck extends completed from Yerba Buena anchorage to a point just west of Tower W-3.

With the placing of 20 panels of lower deck paving in Span 2-3 last week, all concrete has been poured on this deck from Yerba Buena anchorage to Tower W-2.

Only 15 per cent of paving remains to be placed in the entire bridge proper, according to Mr. Purcell.

Riveting on the West Bay Crossing is within 4 per cent of completion and painting at this section is 81 per cent completed, the report said.

Placing of floor slabs and railings on the San Francisco viaduct at the top of Rincon Hill is well under way, while paving of the street approaches to the "off" ramp viaduct is rapidly progressing.

Progress on the lining of the Yerba Buena Island Tunnel with tile showed a 15 per cent increase over last week, with 60 per cent of the work remaining to be completed.

Also under construction on Yerba Buena Island is the bridge fire station and garage, the sidewalls of which are 30 per cent erected.

Erection of light standards on the upper deck of the West Bay Crossing was started last week, while luminaires were being installed simultaneously on the East Bay Crossing. Meanwhile, installation of the giant aerial beacons on the tops of the two cantilever towers of the East Bay Crossing was completed. These aerial beacons have lenses 24 inches in diameter and contain two 1000-watt lamps. The beacons are capable of six revolutions per minute.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
No.	Owner	Contractor	Amt.
1958	Horn	Morris	$4000
1959	Horn	Morris	4000
1960	Blumenfeld	Owner	18000
1961	Depoali	Berwick	4000
1962	Truman	Vukicevich	4000
1963	Transportation	Brass	7500
1964	Ghilotti	Ragni	1500
1965	Mohler	Owner	3500
1966	Depoali	Berwick	4000
1967	Vukicevich	Vukicevich	10000
1968	Ricketti	Ruegg	4000
1969	Empire	Brumfield	2990
1670	Gort	Kappelen	4000
1671	Johnson	Johnson	5000
1672	Shreve	Electrical	1350
1673	Smith	Michel	1000
1674	St Pauls	Haun	1000
1675	Capital	Cahill	16000
1676	Straus	Barrett	1000
1677	Anza	Rousman	6000
1678	Wooster	Jacks	3500
1979	Lexington	Owner	4000
1980	Lexington	Owner	4000
1981	Owl	Dunn	4000
1982	Robertson	Owner	4500
1983	Doelger	Owner	4500
1984	Wolter	Owner	5000
1985	Thorinson	Owner	3500
1986	Vander Beet's	Aetna	3000
1987	Vander Beet's	Aetna	3000
1988	Schwartz	Kenison	3500
1989	Schwartz	Kenison	3500
1990	Schwartz	Kenison	3500
1991	Stein	Krieg	4000
1992	Stein	Krieg	3500
1993	Patou	Miller	1000
1994	Hall	Aetna	3000
1995	Buck	Thulin	3200
1996	McCarthy	Aetna	2000
1997	Peterson	Owner	3000
1998	S. P.	Owner	15000
1999	Johnson	Owner	11000
2000	Bothin	Siegrist	16000

DWELLING
(1958) W. 30TH AVE., 130 S. VICENTE. 1-story and basement frame dwelling.
Owner—Henry Horn, 170 Upland Dr.
Contractor—Morris & Debret, 95 Pinehurst Way.
Architect—D. E. Jaekle, 126 Post St. $4000

DWELLING
(1959) W. 30TH AVE., 155 S. VICENTE. 1-story and basement frame dwelling.
Owner—Henry Horn, 170 Upland Dr.
Contractor—Morris & Debret, 95 Pinehurst Way.
Architect—D. E. Jaekle, 126 Post St. $4000

FLATS
(1960) E. HYDE, 98 S. FRANCISCO. 2-story frame flats.
Owner—Joe Blumenfeld, 25 Taylor.
Contractor—Not Given.
Architect—S. Heiman, 605 Market.
Engineer—Ellison & Russell, Pacific Bldg. $18,000

DWELLING
(1961) E. CAYUGA, 303 N. SANTA ROSA. 1-story and basement frame dwelling.
Owner—Louis De Poali, 29th and Mission.
Contractor—A. Berwick, 1525 Noe St.
Architect—Not Given. $4000

DWELLING
(1962) W. MONTICELLO, 200 NO. GARFIELD. 1-story and basement frame dwelling.
Owner—Truman Investment Co., 890 25th Ave.
Contractor—M. E. Vukicevich, 666 Mission.
Architect—N. W. Sexton, De Young Bldg. $4000

ALTERATIONS
(1963) NW JESSIE AND NEW MONTGOMERY. Alter club.
Owner—Transportation Club, Palace Hotel.
Contractor—Braas & Kuhn, 1917 Bryant St.
Architect — Albert Schroepfer, 244 Kearny. $7500

DWELLING
(1964) 130 SATURN. Alter dwelling.
Owner—M. P. Ghilotti, Prem.
Contractor—Joseph Ragni, 134 Acton St.
Architect—Not Given. $1500

DWELLING
(1965) E. 36TH AVE., 250 S ANZA. One-story and basement frame dwelling.
Owner—T. E. Mohler, 751 28th Ave.
Architect—Not Given. $3500

DWELLING
(1966) E. CAYUGA, 328 N. SANTA ROSA. 1-story and basement frame dwelling.
Owner—Louis De Poali, 29th and Mission.
Contractor—A. Berwick, 1525 Noe St.
Architect—Not Given. $4000

APARTMENTS
(1967) N. TARAVAL, 58 E. 25TH Ave. 2-story frame apartments.
Owner—E. Vukicevich, 1442 Taraval.
Contractor — M. E. Vukicevich, 1442 Taraval.
Architect—R. R. Irvine, 3431 Market St. $10,000

DWELLING
(1968) S.E. COR. DESMOND AND VISITACION. 1-story and basement frame dwelling.
Owner—Mr. Ricketti, 3932 San Bruno.
Contractor—The Ruegg Co., 369 Pine Street.
Architect—Not Given. $4000

MARQUEE
(1969) WEST PORTAL AND VICENTE. Marquee.
Owner—Empire Theatre, Prem.
Contractor—Brumfield Electric Sign Co., 965 Folsom.
Architect—Not Given. $2990

STORE
(1670) S OCEAN AVE. 77 W Miramar Ave. One-story frame store.
Owner—Wm. Cort, 14 Montazuma.
Contractor—F. and A. Kappler, 128 Motlke St., Daly City.
Architect—G. A. Berger, 09 Valencia Street. $4,000

OFFICE
(1671) NW HOWARD and Erie Sts. Class C office.
Owner—W. C. Johnson, care contractor.
Contractor—Louis Johnson, 666 Mission Street.
Engineer—H. A. Emmrich, 1280 India Street. $5,000

SIGN
(1672) 739 BRYANT ST. Elec. sign.
Owner—Shreve & Co., 739 Bryant St.
Contractor—Electrical Prod. Corp. 910 Harrison Street. $1,350

STORAGE BLDG.
(1673) E TENNESSEE 150 E 19th. One-story steel storage building.
Owner—Bowie Smith Co., 815 Tennessee St.
Contractor—Michel & Pfeffer Iron Works, Inc., 1415 Harrison St. $1,000

ALTERATIONS
(1674) NW VALLEY and Sanchez. Alter school.
Owner — St. Paul's Primary School, Premises.
Contractor—C. C. W. and H. H. Haun 666 Mission Street.
Engineer—Geo. Haun, 580 Market St. $1,000

EXCAVATING
(1675) S MARKET 71 Cor. Tenth St. Excavating for Class B Bldg.
Owner—Capital Co., 625 Montgomery.
Contractor—Cahill Brothers, Inc., 206 Sansome Street.
Engineer—L. H. Nishkian, 525 Market Street. $16,000

ALTERATIONS
(1676) 98 BATTERY ST. Alter office.
Owner—Levi Strauss, 98 Battery St.
Contractor—Barrett & Hilp, 918 Harrison Street.
Engineer—Gardner Dalley, 210 Post.
Engineer—W. Huber, 1 Montgomery Street. $1,000

DWELLING
(1677) SW MARINA BLVD., 305 NW BEACH. 2-story and basement frame dwelling.
Owner—Anza Home Bldg. Co., 321 Kearny.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny.
Architects—Wm. F. Gunnison, 1666 Golden Gate Ave. $6000

ALTERATIONS
(1678) NW FRONT AND UNION. Alter office.
Owner—Philip A. Wooster, care of Contractor.
Contractor—Jacks and Irvine, 620 Market.
Engineer—H. Rosenthal, care Contractor. $3500

DWELLING
(1979) W. 7th AVE., 200 S LAWTON. One-story and basement frame dwelling.
Owner—Lexington Co., 1631 21st Ave.
Architect—Not Given. $4000

DWELLING
(1980) W. 7th AVE., 173 S. LAWTON. One-story and basement frame dwelling.
Owner—Lexington Co., 1631 21st Ave.
Architect—Not Given. $4000

ALTERATIONS
(1981) NW COR. SUTTER AND KEARNY. Alter drug store.
Owner—The Owl Drug Co., 657 Mission St.
Contractor—Louis C. Dunn, Inc., 424 Monadnock Bldg.
Architect—Not Given. $4000

DWELLING
(1982) SE COR. COLE AND CARMEL. Two-story and basement frame dwelling.
Owner—H. S. Robertson, 536 Leavenworth.
Architect—Not Given. $4500

DWELLING
(1983) W. 16th AVE., 131 S. LAWTON. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given. $4000

DWELLING
(1984) W. RAVENWOOD, 175 SO FERNWOOD. Two-story and basement frame dwelling.

Owner—Paul A. Wolter, Jr., 190 Maywood Drive.
Architect—Earl McDonald. $5000

DWELLING
(1985) N. ORTEGA, 150 W 20th AVE. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Avenue.
Architect—Not Given. $3500

DWELLING
(1986) N. LAKEVIEW, 125 W PLYMOUTH. One-story and basement frame dwelling.
Owner—Richard Van der Beets, 1338 Ocean Ave.
Contractor—Aetna Const. Co., 1730 24th Ave.
Architect—Not Given. $3000

DWELLING
(1987) N. LAKEVIEW, 100 W. PLYMOUTH. One-story and basement frame dwelling.
Owner—Richard Van der Beets, 1338 Ocean.
Contractor—Aetna Const. Co., 1730 24th Ave.
Architect—Not Given. $3000

DWELLING
(1988) E. 47TH AVE., 25 N. RIVERA. One-story and basement frame dwelling.
Owner—S. A. Schwartz, 863 Waller.
Contractor—John Kenison, 289 San Jose.
Architect—C. O. Clausen, 746 46th Ave. $3500

DWELLING
(1989) E. 47TH AVE., 75 N. RIVERA. One-story and basement frame dwelling.
Owner—S. A. Schwartz, 863 Waller.
Contractor—John Kenison, 289 San Jose.
Architect—C. O. Clausen, 746 46th Ave. $3500

DWELLING
(1990) E. 47TH AVE., 50 N. RIVERA. One-story and basement frame dwelling.
Owner—S. A. Schwartz, 863 Waller.
Contractor—John Kenison, 289 San Jose Ave.
Architect—C. O. Clausen, 746 46th Ave. $3500

DWELLING
(1991) NE Cor. 36TH AVE. AND ANZA ST. One-story and basement frame dwelling.
Owner—A. H. Stein and Philip Krieg, 159 19th Ave.
Contractor, Philip Krieg, 1509 Cabrillo. $4000

DWELLING
(1992) E. 36TH AVE., 25 N. ANZA. One-story and basement frame dwelling.
Owner—A. H. Stein and Philip Krieg, 159 19th Ave.
Contractor—Philip Krieg, 1509 Cabrillo. $3500

ALTERATIONS
(1993) 2040 CLEMENT ST. Alter dwelling and store.
Owner—R. E. Paton, Prem.
Contractor—Miller and McGillis, 527 19th Ave.
Architect—Not Given. $1000

DWELLING
(1994) N. LAKEVIEW, 75 W PLYMOUTH. One-story and basement frame dwelling.
Owner—J. W. Hall, 1338 Ocean Ave.
Contractor—Aetna Const. Co., 1730 24th Ave. $3000

ALTERATIONS
(1995) 378 GOLDEN GATE AVE. Alter stores and apartments.
Owner—Buck and Ohland Estate % Contractor.
Contractor—A. L. Thulin, 63 Brady.
Architect—Not Given. $3200

DWELLING
(1996) N. GRAFTON, 80 E CAPITOL. One-story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny St.
Contractor—Aetna Const. Co., 1730 24th Ave.
Architect—Not Given. $2000

DWELLING
(1997) WEST VIENNA, 175 NORTH FRANCE. One-story and basement frame dwelling.
Owner—A. R. Peterson, 60 Cotter.
Architect—Not Given. $3000

WAREHOUSE
(1998) FOURTH AND BERRY Sts. One-story frame warehouse.
Owner—Southern Pacific Co., 65 Market St.
Architect—J. H. Christie, 65 Market St. $15,000

FLATS
(1999) N. BAY, 130 E FILLMORE. Two-story frame flats.
Owner—P. P. Johnson, 1750 Bay St.
Architect—Not Given. $11,000

MARKET
(2000) NW LOMBARD AND DIVISADERO. 1-story frame market.
Owner—Bothin Real Estate Co., 604 Mission.
Contractor—F. R. Siegrist, 604 Mission.
Architect—A. McSweeney, 604 Mission.
Engineer — Norman Green, Sharon Bldg. $16,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1488	Lacey	Lynn	$1500
1489	Anderson	Flagg	4500
1490	Adams	Anderson	5500
1491	Gregg	Owner	1000
1492	Suenderman	Owner	3000
1493	Eoravic	Owner	2800
1494	Hall	Monroe	$7000
1495	Anderson	Owner	2000
1496	Soare	Carlson	4500
1497	Fisher	Schirmer	10000
1498	Lincoln	Buckter	3900
1499	Farmers	Day	3000
1500	General	Owner	4000
1501	Kansten	Owner	1400
1502	Eldorado	Owner	6500
1503	Home	Owner	4000
1504	Smith	Ortzow	4500
1505	Holland	Krattenmaker	1850
1506	Day	Walstrom	1200
1507	Albright	Kavanagh	4600
1508	Atkinson	Owner	6800
1509	Dashiell	Owner	2950
1510	Phenegar	Owner	4000
1510	Maiden	Philbrick	1400
1511	Mallon	Wildman	3500
1512	Allen	Confer	10000
1513	Sexton	Sexton	4900
1514	Reininghaus	Owner	3500
1515	Graves	Walker	7000
1516	Gaebler	Beck	1438
1517	Dogge	Altermatt	3500

ADDITION
(1488) 583 SPRUCE ST., OAKLAND. Addition to garage.
Owner—Dr. L. E. Lacey, Prem.
Contractor—Willis T. Lynn, 103. Ashmount Ave.
Architect—Not Given. $1500

DWELLING
(1489) 124 SONIA ST., OAKLAND. One-story 5-room dwelling.
Owner—Harold S. Anderson, 5173 Coronado St.
Contractor—John S. Flagg, 3387 Morcom Ave.
Architect—Not Given. $4500

DWELLING
(1490) 3764 REDWOOD RD., OAKLAND. Two-story 6-room dwelling.
Owner—C. Robert Adams, 62 Farragut Ave., Piedmont.
Contractor — Frank W. Anderson, 2111 Ashley Ave., Berkeley.
Architect—Williams & Wastell, 374 17th St. $5500

ALTERATIONS
(1491) 881 WALKER AVE., OAKLAND. Alterations.
Owner & Builder—M. H. Gregg, the Premises.
Architect—Not Given. $1000

DWELLING
(1492) 2509 10TH ST., BERKELEY. One-story 6-room frame dwelling.
Owner & Builder—Suenderman Co., 921 University Ave., Oakland.
Architect—Not Given. $3000

DWELLING
(1493) 1116 CRAGMONT, BERKELEY. 2-story 4-room frame dwelling.
Owner & Builder—R. L. Eoravic, 1123 Keith.
Architect—Not Given. $2800

DWELLING
(1494) 741 McKINLEY AVE., OAKLAND. 2-story 6-room dwelling.
Owner—G. L. Hall, Prem.
Contractor—J. W. Monroe, 5538 Claremont Ave.
Architect—C. H. Treichel, 696 Cleveland Ave. $7000

ALTERATIONS
(1495) 40 AGNES ST., OAKLAND. Alterations and additions.
Owner and Contractor—R. W. Anderson, Prem. $2000

DWELLING
(1496) 4907 COCHRANE AVENUE, OAKLAND. 1-story 5-room dwelling.
Owner—L. H. Soare, 4220 Montgomery St.
Contractor—A. Carlson, 4466 Redding St. $4500

DWELLING
(1497) 6101 ACACIA AVE., OAKLAND. Two-story 9-room dwelling.
Owner and Contractor—H. P. Fisher, 376 17th St.
Architect—W. E. Schirmer, Bank of America Bldg. $10,000

OFFICE BLDG.
(1498) 2938 SUMMIT ST., OAKLAND. Two-story 60-room office building.
Owner—John J. Moore, 354 Hobart Street.
Contractor—The John J. Moore Co., 354 Hobart St.
Architect—N. & A. T. Newsom, Russ Bldg., San Francisco. $32,000

DWELLING
(1498) 3875 COOLIDGE AVENUE. One-story 4-room dwelling.
Owner & Builder—H. M. Lincoln, 1601 Leimert Place.
Architect—Jack Buckster, 2531 Hillegass Ave. $3900

REPAIRS
(1499) 1228 FRANKLIN STREET. Repairs.
Owner—Farmers & Merchants Savings Bank, 1228 Franklin St.
Contractor—Geo. J. Maurer Co., 50 York Drive, Piedmont.
Architect—W. P. Day, San Francisco. $3000

SERVICE STATION
(1500) 3438 PARK BLVD. One-sty. steel service station.
Owner and Contractor—General Petroleum Co., Parr Terminal, Oakland.

DWELLING
(1501) 1723 BLAKE, BERKELEY. One-story 3-room frame dwelling.
Owner and Builder—Mrs. A. Karsten, Prem.
Architect—A. Hallstrom. $1400

TANK
(1502) FOOT ADELINE ST., OAKLAND. Steel tank.
Owner and Builder—Eldorado Oil Co.
Plans by Lochiel M. King, Third and University Ave., Berkeley. $6500

DWELLING
(1503) 4420 STEEL ST., OAKLAND. One-story 6-room dwelling.
Owner and Builder—Home Loan Security Co., 1447 Franklin Street, Oakland.
Architect—Not Given. $4000

DWELLING
(1504) 5651 COLTON BLVD., OAKLAND. One-story 5-room dwelling.
Owner—A. R. Smith, 1809 Delaware St., Berkeley.
Contractor—J. Ortzow, 3924 Clarke St., Oakland. $4500

ALTERATIONS
(1505) 630 ELMHURST AVENUE, OAKLAND. Alteration and addition.
Owner—J. B. Holland.
Contractor—C. J. Krattenmaker, 5322 James Ave., Oakland.
Architect—Boyd Brown, 10035 East 14th St., Oakland. $1850

ALTERATIONS
(1506) 1021 HUBERT RD., OAKLAND. Alterations.
Owner—Willis C. Day.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.
Architect—Williams and Wastell, 374 17th St., Oakland. $1200

DWELLING
(1507) 404 MICHIGAN, BERKELEY. Two-story 6-room frame dwelling and garage.
Owner—Harold Albright, 511 San Carlos, Berkeley.
Contractor — O. S. Kavanagh, 1000 Miller Ave., Oakland.
Architect—F. Soderberg, 276 Perkins, Oakland. $4,600

DWELLING
(1508) 480 GRIZZLY PEAK BLVD., BERKELEY. Two-story 7-room frame dwelling and garage.
Owner and Builder—H. P. Atkinson, 127 Alvarado Rd., Berkeley.
Architect—J. Anderson, Berkeley. $6800

DWELLING
(1509) 2101 80th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—E. L. Dashiell, 3700 Foothill Blvd., Oakland.
Architect—Not Given. $2950

DWELLING
(1510) 2491 LA CARMINTO, OAKLAND. One-story 5-room dwelling.
Owner and Contractor—C. A. Phenegar, 3341 Kempton, Oakland.
Architect—Not Given. $4,000

ALTERATIONS
(1510) 426 13TH ST., OAKLAND. Alterations.
Owner—F. Bruce Maiden, Prem.
Contractor—A. L. Philbrick, 424 Euclid Ave.
Architect—Miller & Warnecke, Financial Center Bldg. $1400

DWELLING
(1511) 2236 57TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—E. Mallon, Prem.
Contractor—A. E. Waldman, 3192 McKillop Road. $3500
Also 1-story garage, $150.

DWELLINGS (2)
(1512) 1949-1955 10TH AVE., OAKLAND. Two-story 6-rm. dwellings (2).
Owner—Dr. R. H. Allen, 2004 10th Avenue.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.
Architect—Not Given. $5000 each

DWELLING
(1513) 5851 MORPETH ST., OAKLAND. One-story 6-room dwelling.
Owner—Emma Sexton, 6100 Taft Avenue.
Contractor—J. Sexton, 6100 Taft Ave.
Architect—E. R. MacDonald, 3812 Broadway. $4900

DWELLING
(1514) 1490 SAN LORENZO, BERKELEY. 1½-story 5-room frame dwelling and garage.
Owner & Builder—B. Reininghaus, 117 El Camino Real.
Architect—Not Given. $3500

DWELLING
(1515) 798 CRESTON, BERKELEY. One-story 6-room frame dwelling and garage.
Owner—R. P. Graves, 956 Indian Rock.
Contractor—J. M. Walker, 1709 Grove Street.
Architect—W. W. Wurster, 1730 Jones St., San Francisco. $7000

ADDITIONS
(1516) 1148 COLUSA, BERKELEY. Additions.
Owner—E. F. Gaebler, Prem.
Contractor—R. Beck, 551 63rd Street, Oakland. $1438

DWELLING
(1517) 94 POPPY LANE, BERKELEY. One-story 4-room frame dwelling and garage.
Owner—R. Dogge, Prem.
Contractor—J. Altermatt, 243 Taurus St., Oakland.
Architect—H. H. Gutterson, 526 Powell St., San Francisco. $3500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
126	Cohn	Early	$7229
127	Transportation	Brass	4291
128	Transportation	Wocker	867
129	McCarthy	Duerner	3600
130	McCarthy	Duerner	3600
131	Reichert	Michael	8809
130	Mills	Picard	2736
131	Mills	Inlaid	1310
132	Mills	Lannon	2680
131	Meabe	Field	2660
132	Van der Beets	Aetna	.....
133	Van der Beets	Aetna	3650
134	Hall	Duerner	3650

SERVICE STATION
(126) SE COR. COLUMBUS AVE. & FRANCISCO ST. Steel service station.
Owner—Ella Cohn.
Contractor—Fred. J. Early, Jr., 369 Pine St., San Francisco.
Filed Sept. 25, '36. Dated Sept. 25, '36.
25% grading and steel bldg.
25% concrete, plumbing & piping.
25% completion.
25% usual 35 days.
TOTAL COST, $7,229.00
Limit 50 days. Plans and specifications filed.

ALTERATIONS
(127) NW COR. NEW MONTGOMERY & JESSIE. Alter club.
Owner—The Transportation Club, Palace Hotel.
Architect—Albert A. Schroepfer, 244 Kearny St.
Contractor—Brass & Kuhn Co., 1917 Bryant St.
Filed Sept. 21, '36. Dated Sept. 25, '36.
75% on 1st and 15th.
25% 35 days.
TOTAL COST, $4,291.00
Bond, $4,291. Sureties Maryland Casualty Co. Limit, 35 days. Plans and specifications filed.

ALTERATIONS
(128) NW COR. MARKET & JESSIE. Alter (paint and decorate) club.
Owner—Transportation Club, Palace Hotel.
Architect—Albert A. Schroepfer, 244 Kearny St.
Contractor—A. C. Wocker.
Filed Sept. 21, '36. Dated Sept. 24, '36.
75% on 1st and 15th of month.
25% usual 35 days.
TOTAL COST, $867.00
Limit, 35 days. Plans and specifications filed.

DWELLING
(129) N. GRAFTON, 135 W JULES. Five-room dwelling with stucco front, and garage.
Owner—John D. McCarthy, 333 Kearny Street.
Architect—Not Given.
Contractor—Will Duerner, Jr., as Aetna Const. Co., 361 Evergreen St., San Francisco.
Filed Sept. 1, '36. Dated, Sept. 24, '36.
25% frame up.
25% brown coat plaster.
25% completion.
25% usual 35 days.
TOTAL COST, $3600.00
Limit, 90 days. Plans and specifications filed.

DWELLING
(130) N. GRAFTON, 110 W JULES. Five-room dwelling with stucco front, and garage.
Owner—The McCarthy Co., 333 Kearny Street.
Architect—Not Given.
Contractor—Will Duerner, Jr., as the Aetna Construction Co., 301 Evergreen St., San Francisco.
Filed Sept. 1, '36. Dated Sept. 24, '36.
25% when frame up.
25% brown coat plaster.
25% completion.
25% usual 35 days.
TOTAL COST, $3,600.00
Limit, 90 days. Plans and specifications filed.

ALTERATIONS
(131) NE SCOTT and Jackson Sts. Alter plumbing and heating in dwelling.
Owner—Irving F. Reichert.
Architect—Alfred H. Jacobs, 110 Sutter Street.
Contractor—Michael & Bomerer, 762 De Haro Street.
Filed and Dated, Sept. 28, 1936.
Completion 75%
Usual 35 days.....25%
TOTAL COST, $8809.00
Bond, $8809. Sureties, Maryland Casualty Co. Plans and Spec. filed.

PLUMBING
(130) SW COR. NINTH and Fallon Sts., Oakland. Plumbing.
Owner—Mills College, Oakland.
Architect—W. H. Ratcliff, 319 American Trust Bldg., Berkeley.
Contractor—W. H. Picard, Inc., 4166 Broadway, Oakland.
Filed, Sept. 29, '36. Dated Aug. 24, '36
10th of each month.....75%
Usual 35 days.....25%
TOTAL COST, $2,736.00
Bond, $2738. Sureties, Fidelity and Deposit Co. Forfeit, $25.00 per day. Limit, 35 days.

HARDWOOD FLOORS
(131) NINTH and Fallon Sts., Oakland. Hardwood floors.

Owner—Mills College, Oakland.
Architect—W. H. Ratcliff, 319 American Trust Bldg., Berkeley.
Contractor—Inlaid Floor Co., 4067 Watts St., Oakland.
Filed, Sept. 29, '36. Dated Aug. 24, '36
10th of each month.....75%
Usual 35 days.....25%
TOTAL COST, $1,310.00
Bond, $1310. Sureties, Fidelity and Deposit Co. Forfeit, $25.00 per day. Limit, 12 days.

MILLWORK
(132) NINTH and Fallon Sts., Oakland. Millwork.
Owner—Mills College, Oakland.
Architect—W. H. Ratcliff, 319 American Trust Bldg., Berkeley.
Contractor—Lannom Bros., Fifth and Magnolia Sts., Oakland.
Filed, Sept. 29, '36. Dated Aug. 24, '36
10th of each month.....75%
Usual 35 days.....25%
TOTAL COST, $2,680.00
Forfeit, $25. Limit, 50 days.

ALTERATIONS
(131) 850 PACIFIC ST. Alter dwelling.
Owner—Jeronimo Meabe.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Fred H. Field, 2370 Sutter St., San Francisco.
Filed Sept. 28, '36. Dated Sept. 30, '36.
Brown coat plaster.....$997
Completion 998
Usual 35 days 665
TOTAL COST, $2,660.00
Limit, 50 days. Plans and specifications filed.

DWELLING
(132) N. LAKEVIEW, 125 W PLYMOUTH. 1-story frame dwelling, with stucco front, and garage.
Owner—Richard and Winifred Van der Beets, 1338 Ocean Ave.
Architect—Not Given.
Contractor—Will Duerner, Jr., as Aetna Const. Co., 1730 24th Ave.
Filed Sept. 30, '36. Dated Sept. 24, '36.
25% frame up.
25% brown coat plaster.
25% completion.
25% usual 35 days.
TOTAL COST, $3,650.00
Limit, 120 days. Plans and specifications filed.

DWELLING
(133) N. LAKEVIEW, 100 W PLYMOUTH. One-story frame dwelling with stucco front, and garage.
Owner—Richard and Winifred Van der Beets, 1338 Ocean Ave.
Architect—Not Given.
Contractor—Will Duerner, Jr., as Aetna Const. Co., 1730 24th Ave.
Filed Sept. 30, '36. Dated Sept. 24, '36.
25% frame up.
25% brown coat plaster.
25% completion.
25% usual 35 days.
TOTAL COST, $3,650.00
Limit, 120 days. Plans and specifications filed.

DWELLING
(134) N. LAKEVIEW, 75 W PLYMOUTH. One-story frame dwelling, with stucco front, and garage.
Owner—Jackson W. and Josephine E. Hall, 1338 Ocean Ave.
Architect—Not Given.
Contractor—Will Duerner, Jr., as Aetna Const. Co., 1730 24th Ave.
Filed Sept. 30, '36. Dated Sept. 24, '36.
25% frame up.
25% brown coat plaster.
25% completion.
25% usual 35 days.
TOTAL COST, $3,650.00
Limit, 120 days. Plans and specifications filed.

BUILDING CONTRACTS
OAKLAND

No.	Owner	Contractor	Amt.
127	Hall	Monroe	$7275
129	Farmers	Maurer	3074

RESIDENCE
(127) McKINLEY AT OAKLAND. Residence.
Owner—Mrs. G. L. Hall.
Architect—C. H. Treichel, 696 Cleveland St., Oakland.
Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland.
Filed Sept. 24, '36. Dated Sept. 5, '36.
Rough framing complete.....25%
Brown plaster complete.....25%
Completion 25%
Usual 35 days.....25%
TOTAL COST, $7,275.00
Limit 100 days. Plans and specifications filed.

ALTERATIONS
(129) 13th and FRANKLIN STS., Oakland. Alterations.
Owner—Farmers & Merchants Savings Bank.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont.
Filed, Sept. 28, '36. Dated, Sept. 26, '36
15th of each month.....75%
Usual 35 days.....25%
10% fee to contractor for supervision.
APP. TOTAL COST, $3,074.50
Bond, $3074.50. Sureties, Maryland Casualty Co. Limit, 60 days. Plans and specifications filed.

SAN FRANCISCO—UNDER $1000

ALTER office, $900; 2847 Army St.; owner, Martin Nelson, Prem.
SIGN, electric, $50; 318 Market; owner, Mitchell Gift Shop, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom.
SIGN, electric, $200; 2801 Mission; owner, Willok, Prem.; contractor, Pacific Elec. Const. Co., 1496 Mission.
ALTER store, $300; 1710 Polk St.; owner, Morley Johnson and John Southwell, 968 Market; contractor, San Francisco Show Case Co., 682 McAllister.
ALTER dwelling, $480; 922 Haight St.; owner, Mrs. Hagan, Prem.; contractor, Victor Oliva, 2731 24th Street.
SIGN, electric, $200; 1120 Market St.; owner, Rosenberg's Original Health Food Store, Prem.; contractor, Wonderlite Neon Products Corp., 170 Otis.
ALTER dwelling, $150; 3015 23d Ave.; owner, M. Martin, Prem.; contractor, G. J. Elkington, 1291 33d Ave.
BILLBOARD, $7; N Turk, 193 W Jones; owner, Foster and Kleiser Co., 1675 Eddy St.
SIGN, electric, $125; 515 Broadway; owner, Savoia Restaurant, Prem.; contractor, Wonderlite Neon Products Corp., 170 Otis.
GARAGE, 1-story frame, private, $100; rear 51 Vienna; owner, C. Jarge, 51 Vienna St.
ALTER dwelling, $25; 2940 20th St.; owner, L. Palacios, Prem.
ALTER dwelling, $237; 4736 17th St.; owner, Z. O. Waters, Prem.; contractor, W. Friedstrom, 88 Lyell St.
ALTER dwelling, $350; 227 16th Ave.; owner, R. Lloyd Thomas, Prem.; contractor, El Rey Bldg. & Cabinet Shop, 430 Holloway.
ALTER apartments, $350; 388 5th St.; owner, West Coast Life Ins. Co., 605 Market; contractor, Mills Construction Co., Russ Bldg.; architect, Sam Heiman, 605 Market St.
SIGN, electric, $300; 1350 California; owner, Sacramento Garage, Prem.; contractor, Apex Electric Co., 363 Fell St.
WALL, retaining, $100; 220 Fifth St.; owner, Mr. Woodruff, Prem.

ALAMEDA COUNTY UNDER $1000

ALTERATIONS, $300; 6408 Brann St., Oakland; owner and contractor, Paul Isola, Prem.; also addition to garage, $100.
ADDITION, $500; 5528 Telegraph Ave., Oakland; owner, Haji Keshishian, Prem.; contractor, T. A. Courtright, 349 51st St.
ADDITION, $350; 264 Capricorn Avenue, Oakland; owner and contractor, Mrs. A. E. Nicoletti, Prem.
ALTERATIONS, $900; 411 30th St., Oakland; owner and contractor, Medical Center Properties, Inc., Prem.
REPAIRS, fire, $90; 448 McAuley St., Oakland; owner, Bank of America, 485 California St., San Francisco; contractor, A. H. Rose, 478 25th St.
REPAIRS, fire, $750; 8552 Thermal Ave., Oakland; owner, R. J. Orchard, Prem.; contractor, A. H. Rose, 478 25th St.
GARAGE, 1-story, $175; 3853 Canon Ave., Oakland; owner, S. C. Hodgkins, 564 24th St.; contractor, C. T. Moore, 446 38th St.
ADDITION, $500; 6133 Hillmont Avenue, Oakland; owner and contractor, Mrs. G. J. Odegard, Prem.
ALTERATIONS, $100; 3800 California St., Oakland; owner, G. Henderson, Prem.; contractor, H. A. Childers, 2625 School St.
ADDITION, $500; 5680 Amy Drive, Oakland; owner and contractor, C. J. Pfrang, 6300 Claremont Ave.
ALTERATIONS, $850; 6125 Tevis St., Oakland; owner and contractor, Frank Corso, 6005 E. 14th St.
SIGN, electric, $90; 1906 San Pablo Ave., Oakland; owner, Geo. Martin, Prem.; contractor, Ace Elec. Sign Co., 1243 E. 12th St.
SIGN, electric, $40; 244 Grand Ave., Oakland; owner, Day & Night Pharmacy, Prem.; contractor, Ace Elec. Sign Co., 1243 E. 12th St.
SIGN, electric, $130; 196 7th St., Oakland; owner, Don Woo, Prem.; contractor, Ace Elec. Sign Co., 1243 E. 12th St.
SIGN, electric, $190; 244 Grand Ave., Oakland; owner, Day & Night Pharmacy, Prem.; contractor, Ace Elec. Sign Co., 1243 E. 12th St.
SIGNS, electric (3), $100-$150-$200; 1707 Telegraph Ave., Oakland; owner, Hurlls Inn, Prem.; contractor, Elec. Prod. Corp., 950 30th St.
SIGN, electric, $200; 636 Broadway, Oakland; owner, Mohawk Gasoline Co., Prem.; contractor, QRS Neon Corp., 690 Potrero Ave., San Francisco.
SIGN, wood, $350; 3020 Broadway, Oakland; owner, Forman Motor Co., Prem.; contractor, Mulvany Sign Co., 575 8th St.
BILLBOARD, $20; E. Grove St., 50 N 23rd St., Oakland; owner and contractor, Special Site Sign Co., 3225 Louise St.
SIGN, flat metal, $10; 598½ 19th St., Oakland; owner and contractor, Tony Silva, Prem.
ALTERATIONS, $51; 2336 Channing Way, Berkeley; owner and contractor, Mrs. C. W. Duffy, Prem.
ALTERATIONS, $280; 1017 University, Oakland; owner, G. Hodjopoulos, Prem.; contractor, Crown Roof Co., 1911 E. 12th St., Oakland.
ALTERATIONS, $50; 114 El Camino Real, Berkeley; owner, H. H. Sanborn, Prem.; contractor, F. W. Conter, 1328 Arch.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
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6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Completed
APARTMENTS Cost, $13,000
OAKLAND, Alameda Co., Calif. Park Blvd. and Ivy Drive.
Two-story frame and stucco apartment buildings (two 4-room and one 5-room apartments), shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Howard.
Architect—Irwin M. Johnson, 2215 7th Ave., Oakland.
Plans will be ready for bids in about one week.

Contract Awarded
APARTMENTS Cost, $.....
SAN MATEO, Calif. S. Fourth Ave., near El Camino Real (75x115 ft.).
Two-story frame and stucco apartment building (12 apartments).
Owner—Peter Leth-Nissen, San Mateo.
Architect—Not Given.
Contractor—W. S. Leadley, 207 Second Ave., San Mateo.

3— CHURCHES

Planned
CHURCH Cost, $.....
PATTERSON, Stanislaus Co., Calif.
New church building (to replace structure destroyed by fire).
Owner—Federated Church, Patterson.
Architect—Not selected.
A building committee has been appointed, composed of the following: R. J. Spooner, W. W. Cos, W. T. Denton, Wm. T. Ralston and W. T. Kidd.

Planned
CHURCH Cost, $——
GRASS VALLEY, Nevada Co., Calif.
New church building.
Owner—Grass Valley Methodist Church.
Architect—Not Given.
M. H. Argall, 609 W. Main Street, Grass Valley, is chairman of building committee.

BIDS OPENED
LOS ANGELES, Cal.—C. B. Sartwell, 7131 Van Nuys Blvd., Van Nuys, submitted low bid to Los Angeles board of education at $2145 for moving, repairing and installing pipe organ at the Reseda school, Amigo St., Reseda. Jos. Maiser submitted the only other bid at $3195. A. S. Nibecker, Jr., architect.

Contract Awarded
CHURCH Cost, $6,000
REDWOOD CITY, San Mateo Co., Calif.
One-story frame church.
Owner—Seventh-Day Adventist
Owner—Seventh-Day Adventist Church.
Architect—Not Given.
Contractor—David Holder, Whipple Road and Belle Roache Ave., Redwood City.

4— FACTORIES & WAREHOUSES

Contract Awarded
ALTERATIONS Cost, $4000
SAN FRANCISCO, Calif. 280 Natoma Street.
Alterations to factory.
Owner—Ajel Mfg. Co., Prem.
Architect—Hyman & Appleton, 68 Post Street.
Contractor—Cahill Bros., 206 Sansome Street.

Planned
FACTORY Cost, $.....
SAN LEANDRO, Alameda Co., Cal. Washington Avenue (4-A. tract).
New paint factory.
Owner—Inter-Coastal Paint Corporation, East St. Louis, Ill.
Architect—Not Given.
Further details will be announced in about thirty days.

Plans Being Figured
INDUST. BLDG. Cost, $20,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Three one-story industrial buildings (steel frame, concrete walls and floors, corrugated iron, steel sash, etc.).
Owner—Wildberg Bros. Smelting & Refining Co., So. San Francisco.
Engineer—Jesse Rosenwald, 525 Market Street.
Bids are being taken from a selected list of contractors only.

CONTRACT AWARDED
LOS ANGELES, Calif.—Rainey & MacIsaac, 6624 Stanford Ave., awarded general contract for constructing two buildings and adding to existing buildings on Maie Ave., south of Florence Ave., for the Pittsburgh Plate Glass Co. (concrete and mill construction). All work included in general contract except electric wiring and sprinklers, which will be let later. Albert C. Martin, architect

Contract Awarded
ADDITION Cost, $150,000
ABERDEEN, Washington.
Addition to pulp mill.
Owner—Grays Harbor Pulp & Paper Company.
Architect—Not Given.
Contractor—Austin Co., Dexter-Horton Bldg., Seattle.

Contract Awarded
REPAIRS Cost, $13,500
FRESNO. 1811 Santa Clara St.
Repair welding shop.
Owner—Wm. Myers.
Architect—Not Given.
Contractor—J. T. Cowan, 433 Roosevelt, Fresno.

Contract Awarded
REFINERY Cost, $2,000,000
YOLO COUNTY, Cal. Two and one-half miles northeast of Woodland
New sugar refinery (two- and three-story reinf. concrete sugar refinery (320x85 feet) 2-story reinforced concrete office bldg. (96x61-ft.) concrete wood-lined bins equipped with air-circulating system; two warehouses (30x135-ft.) corrugated iron walls, ventilators, power plant.
Owner—Spreckels Sugar Co. (C. J. Moroney, Mgr.) 2 Pine St., San Francisco.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Engineering plans by Owner.
Contractor—Dinwiddie Const. Co., 210 Crocker Building, San Francisco (main building, office building and sugar silos).
As previously reported, track work awarded to A. D. Schrader, 144 Spear St., San Francisco (5,912 ft. of track) shops to Villadsen Bros., 354 Hobart St., Oakland.
J. R. Reeves, Sacramento, awarded contract for road work, and warehouse contracts awarded to J. G. Motroni, Woodland.

Project Abandoned
FACTORY AND OFFICE $150,000
OAKLAND, Alameda Co., Cal. Thirty-fourth and Beach Streets.
One- and two-story brick factory and office building (120x260 feet) concrete floors, built-up composition roof, steam heating.
Owner—United Autographic Register Corp. (Carter Norris, Mgr.) 19th and Union Sts., Oakland.
Architect—Peiera & Periera, 333 N. Michigan Ave., Chicago.

CONTRACT AWARDED
SAN FRANCISCO.—H. A. Cohen, at $3,318.64, awarded contract by Department of Public Works, for alterations to warehouse located on Tehama Street, near First. Specifications No. 4727. Estimated cost, $3,300. Work involves removal of rubbish, grading floor and laying 3-in. concrete slabs score in 6-in. squares, patch sidewalks and corrugated iron work; construct retaining wall and make miscellaneous repairs to the plumbing, painting, etc.

Sub Contracts Awarded
ADDITION Cost, $40,000
EMERYVILLE, Alameda Co., Calif.
Addition to linoleum plant (concrete, steel and tile construction).
Owner—Paraffine Companies, Inc.
Engineer—Leland Rosener, 233 Sansome St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Lumber—Oakland Lumber Co., 6901 E. 14th St., Oakland.
Reinf. Steel—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.
Concrete—Transit Concrete Co., 2500 Peralta St., Oakland.
Structural Steel—Moore Dry Dock Co., foot of Adeline St., Oakland.

5— FLATS

Plans Being Completed
FLATS Cost, $12,000
SAN FRANCISCO, Calif. 15th Ave. and Kirkham Street.
Two-story frame and stucco flat building (two 6-room flats), gas heat, tile roof, 2 baths in each flat.
Owner—Harry Daniels.
Architect—C. O. Clausen, 746 46th Avenue.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $7,750
BURLINGAME, San Mateo Co., Cal. SE Broadway and Laguna Sts.
Steel super service station.

Owner—George E. Honn, 420 Market St San Francisco.
Lessee—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Eng Dept. of Lessee.
Contractor—John W. Huggard, 1060 Bryant St., San Francisco.

Plans Complete
SERVICE STATION Cost, $5,000
OAKLAND, Alameda Co Cal. 3438 Park Blvd.
One-story steel service station.
Owner—General Petroleum Co., 519 19th St., Oakland.
Plans by Engr. Dept. of Owner.

7— FEDERAL BUILDINGS

LOS ANGELES, Cal.—A committee of treasury and post office department officials tentatively selected property bounded by Alameda, Aliso and Commercial Streets as the site for the proposed working post office building. The site is south and across Aliso St from the new union passenger terminal, now under construction. Final selection of the property depends upon an agreement between the terminal company and the post office department regarding handling of mail. Approval of city will have to be obtained to construct an overhead bridge across Aliso St. to connect the two buildings. Site has an area of 145,551 square feet. The sum of $2,900,000 was appropriated in 1934 for purchase of the land construction of the building.

Bid Opening Postponed Until Oct. 22, 1 P. M.
POST OFFICE Cost, $265,000
SALEM, Oregon.
One and two story post office building (136x113 feet), granite facing sandstone floors, marble wainscoting, metal windows, etc.
Owner—United State Government.
Plans by Supervising Architect, Treasury Dept., Washington, D C.
Plans and specifications may be obtained from Procurement Division, Public Buildings Branch, Washington D C No deposit required for one set
Date was previously set for October 8

BIDS REJECTED
SAN FRANCISCO.—The Treasury Department rejected all bids for alterations and additions to Rooms 124 and 126, Federal Office Building, San Francisco. It was previously reported that Nick Hemminga, 627 38th Ave San Francisco was awarded contract, at $1 250
Plans will be revised and new bids called at a later date

Award Rescinded
INSPECTION STA. Cont. Pr. $16,427
FERRY, Washington.
United States Inspection Station.
Owner—United States Government.
Plans by the Supervising Architect Treasury Department Washington D. C.
The award recently made to M. L. Erickson Seattle, at $16,427, has been rescinded

CONTRACT AWARDED
PORTLAND Ore.—Dugan-Hammond Construction Co., Portland, Oregon at $8,655 awarded contract by Treasury Department for roof repairs at the U. S. Custom House, Portland Oregon.

CONTRACT AWARDED
McMINNVILLE Oregon—J. Ebrights First and Baker Streets, McMinnville, Oregon, at $1,256, was awarded contract by Treasury Department for certain betterments at the Post Office Building, McMinnville.

BIDS OPENED
MARTINEZ, Contra Costa Co., Cal.—Lombard & Ludwig, Washington, D. C., at $264, submitted low bid to Treasury Department, for plaster models of the U. S. Post Office for Martinez. Complete bids follow:
Lombard & Ludwig, Washington, D. C. $264
Studio of Architectural Sculptors, Wash., D. C. 467
Washington Ornamental Co. 470
Henry L. Green, Wash., D. C. 479
Bids under advisement.

CONTRACT AWARDED
KETCHIKAN, Alaska.—Otis Elevator Company, 1 Beach St., San Francisco, at $11,300, awarded contract by the Treasury Department, Washington, D. C., for furnishing and installing passenger elevators in the Ketchikan post office.

BIDS REJECTED
SAN PEDRO, Los Angeles Co., Cal.—The Treasury Department rejected all bids for furnishing and installing one freight elevator in the new jail building to be erected at Reservation Point, San Pedro, lowest bid being submitted by Otis Elevator Co., San Francisco, at $2,955.
Complete bids published July 16, 1936.

BLDG.MATERIALS APPROVED
FLAGSTAFF, Arizona.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Flagstaff, Arizona. Robert E. McKee, general contractor.
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Kelvinator Sales Corp.; water pipe, Bridgeport Brass Co.; relief valve, Mueller Co.; nonconducting covering for plumbing, Philip Carey Co.; sump pump, Yeoman Bros. Co.; boiler Kewanee Boiler Co.; vacuum pump, thermostatic traps and mechanical traps, D. A. Dunham Co.; tube and wall radiators, American Radiator Co., nonconducting covering for heating, Philip Carey Mfg Co., angle radiator valves, C. A. Dunham Co. panel boards, Benjamin Elec. Mfg. Co., main switch, Square D Co., rubber-covered wire, John A Roebling's Sons Co., receptacles, Harvey-Hubbell; flush switches, Pass & Seymour; glassware, Perfection Glass Co. and Gleason-Tiebout Glass Co.; lighting fixtures, Perfeclite Co.

BLDG.MATERIALS APPROVED
WATSONVILLE, Santa Cruz Co, Calif.—Treasury Department has approved following building material and equipment awards for the construction of the U S. Post Office at Watsonville, Calif Carl N. Swenson Co. San Jose, Calif general contractor
Boiler, California Steel Products Co.; plumbing fixtures, Crane Co.; electric water coolers, Halsey W. Taylor Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; relief valve, Mueller Steam Specialty Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Co. sump pump, Chicago Pump Co. combination burners for boiler, Ray Oil Burner Co.; tube radiators, U S Radiator Corp.; nonconducting covering for heating Plant Rubber & Asbestos Co, angle radiator valves, Marsh Valve Co. air valves for radiators, and air valves for ends of steam mains, Am. Radiator Co.

1500 San Diego Trust & Savings Bank Bldg., San Diego.
Low Bidder—M. H. Golden, 404 California Bank Bldg., San Diego.
Three low bids follow:
M. H. Golden, San Diego..... [illegible]
Robert E. McKee, L. A. 518,000
Guy F Atkinson, S. F. 538,980

BID OPENING POSTPONED UNTIL OCTOBER 15, 1 P. M.
POST OFFICE AND COURTHOUSE Cost, $6,250,000
LOS ANGELES, Cal. Spring, Temple and Main Streets.
Sixteen-story U. S. Post Office and Courthouse Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Consulting Architect Gilbert Stanley Underwood, 408 South Spring St., Los Angeles.
Date was previously set for Sept. 29th.
It will cover a ground area of approximately 140,000 square feet and will be a steel frame structure faced with granite. The appropriation is $6,250,000. The site has frontage of 525 feet on Spring and Main Streets, and a frontage of 300 feet on Temple St. It is understood that the contract for the new building will include the demolition of the existing post office.
Plans and specifications may be obtained from Treasury Department, Washington, D. C.

CONTRACT AWARDED
ANAHEIM, Orange Co., Calif.—Treasury Dept, Washington, D. C., awarded contract to Wm. Gelfan, 646 S. La Brea Ave., Los Angeles, at $174.00, for plastering interior walls of store room in U. S. Post Office at Anaheim.

CONTRACT AWARDED
SAN PEDRO, Los Angeles Co., Cal.—American Sign Co., 907 15th St., NW, Washington, D. C., at $498, awarded contract by Procurement Division, Public Buildings Branch at Washington, D. C., for furnishing directional signs in the U. S. Post Office and Custom House at San Pedro.

Low Bidders
POST OFFICE Cost, $410,000
SAN DIEGO, Calif Ninth Avenue and E Street
Two-story and basement reinforced concrete post office building (190 x190 ft), modified classic design.
Owner—U S Government.
Architect—Wm. Templeton Johnson.

LOW BIDDERS
LOS ANGELES, Cal.—Otis Elevator Co., 1 Beach Street, San Francisco, at $263,370 (item 1) and $259,900 (item 2) submitted low bid to the Treasury Department, Washington, D C. for furnishing and installing an elevator plant in the U S. post office and court house at Los Angeles
Three low bids follow
Otis Elevator Co., S. F. .....(1 $263,370
.....(2) 259,960
Pacific Elevator & Equipment Co. S. F. .....(1) 280,000
.....(2) 284,550
Westinghouse Electric Elevator Co., S. F. .....(1) 267,440
.....(2) 262,120
Complete bids will be given shortly. (375) 1st report Aug. 11, 2nd Aug. 18 1936.

September 30, 1936
LOW BIDDERS
LOS ANGELES, Cal.—Otis Elevator Co. 1 Beach St., San Francisco at $66,850, submitted low bid to the Treasury Department, Washington, D. C., for furnishing and installing complete escalator plant in the U. S. post office and court house at Los Angeles.
Second low bid was submitted by San Francisco, at $95,100.
[illegible] at $95,200.
Bids still under advisement.

BIDS WANTED

SAN DIEGO, Calif.—Until October 13, 11 a.m., bids will be received by Public Works Office, Eleventh Naval District, foot of Broadway, San Diego, for alterations to building No. 15 at the Naval Operating Base (Marine Corps Base), San Diego. Specification No. 8324. Work includes cutting of an opening in existing exterior tile wall and installing new exterior wood entrance door; changing of existing stairs, fascias and railing, leading from second floor; cutting and repairing interior tile walls; wood doors, windows, and trim to provide new office enclosure and to enclose an area under part of stairs; plaster soffet of new stairs, new tile partition walls and patch old plaster; patch stucco work, and other miscellaneous work.

Plans and specifications may be obtained from above office upon deposit of $10.00.

8— CLUB BUILDINGS

Contract Awarded

CLUBROOM Cost, $8,000

FRESNO, Calif. 1405 Calif. St.

Clubroom.

Owner—Edison Social Club, Fresno.

Architect—Not Given.

Contractor—C. Demler, 759 B Street, Fresno.

Preparing Working Drawings

CLUB Cost, $30,000

LOS BANOS, Merced Co., Calif.

One-story and high basement concrete, frame and stucco club building (kitchen in basement), stage, dressing rooms, club rms., lavatories on main floor; composition shingle roofing, piped for gas heating system, wood sash, hardwood floors, etc.

Owner—Portuguese B.E.S. Society.

Architect—Joseph Losekann, 1218 W. Harding St., Stockton.

Bids will be asked in about three weeks.

BIDS WANTED

SANTA BARBARA ,Calif.—Until October 8, bids will be received by City of Santa Barbara for construction of grandstand, to seat 1800 persons, and clubhouse at municipal tennis courts. Leonard A. Cooke, architect, Santa Barbara.

9— HOSPITALS

Contract Awarded

ADDITION Cont. Price $224,700

TALMAGE, Mendocino Co., Calif.

Two-story reinforced concrete addition to Custodial Unit at State Hospital.

Owner—State of California.

Architect—Geo B. McDougall, State Architect, Public Works Building, Sacramento.

Contractor—K. E. Parker Co., 135 South Park St., San Francisco.

As previously reported, electric work awarded to Central Electric Co. 179 Minna St., San Francisco, $5,695; heating and ventilating to Pacific Heating and ventilating Co., 354 Hobart St., Oakland, $13,750; plumbing to Scott Co., 243 Minna St., S. F., $29,537.

BIDS WANTED

SAN DIEGO, Cal.—Until Oct. 8, 11 A. M., bids will be received by the Public Works Office, 11th Naval District, foot of Broadway, San Diego, for recabling elevator building No. 22 at the 11th Naval District Hospital, San Diego, Spec. No. 8347.

Work includes removal of present hoisting cable and furnishing and placing new hoisting cables for one existing passenger elevator in Bldg. No. 22.

Plans and specifications may be obtained from above office upon deposit of $10.00.

BIDS WANTED

SACRAMENTO, Calif.—Until October 21, 10 a.m., bids will be received by T. F. Patterson, Clerk, Board of Supervisors, Sacramento, for painting woodwork at the Sacramento Co. Hospital.

Plans and specifications may be obtained from above office upon deposit of $10.00.

PREPARING PRELIMINARY PLANS

SAN DIEGO, Cal.—F. W. Stevenson, architect, 409 Spreckels Bldg., San Diego, has been authorized by San Diego county supervisors to prepare preliminary plans for proposed county tuberculosis hospital to be built between Flinn Springs and Alpine. Application will be made to the PWA for a 45% grant.

NEW BIDS WANTED

ATWATER, Merced Co., Cal.—Until October 9, 11 A. M., bids will be received by A. T. Rector, City Clerk, Atwater, for furnishing and installing equipment for the Hospital and Nurses' Cottage located on the NW corner of Grove Ave. and Third St., Atwater. New bids will be asked shortly.

Plans and specifications may be obtained from W. E. Bedesen, city engineer, Merced.

BIDS WANTED

PHOENIX, Ariz.—Until October 23 bids will be received by Purchasing Officer, Interior Dept., Washington, D. C., for the construction of dining hall building and an employees' residence at Phoenix Indian Sanatorium, Ariz The employees' residence is a one-story frame building with outside dimensions of approx. 66x29 ft., which is to be constructed partly of salvaged materials obtained in the demolition of other buildings. The dining hall building is a one-story concrete-block building with a mission tile roof in the shape of an "L" with the main portion of the building approximately 117 ft. long and 30 ft. wide, with a wing approximately 34x43 ft. The floor construction is of concrete laid on the ground, with a considerable amount of floor finish of asphalt tile. The concrete blocks and cast stone used in the construction will be furnished to the contractor at the site by the Government. Heating, plumbing, electrical work, cold storage equipment and kitchen equipment are included in the contract. Proposition No. 1829

Plans and specifications may be obtained from above office upon deposit of $25.00.

Low Bidders

ASSEMBLY HALL, ETC. $176,000

RETSIL, Washington.

Two-story assembly hall, dining room and administration building (115x 50-feet, with wing 35x50 feet) and one-story kitchen (60x40 ft.) at Veterans' Home.

Owner—State of Washington

Architect—Not Given.

General Work—MacDonald Bldg. Co. 1517 S. Tacoma Way Tacoma $132,316.

Electric—NePage - McKenny Co., 804 Sixth South, Seattle, $3,195.

Sanitary Equip.—Wenzler and Ward, Textile Tower, Seattle, $7,646.

Mechanical Equipment—Lentz, Inc., Bremerton, $7,685.

Refrigeration—York Ice Mchy. Co 4660 E. Marginal Way, Seattle, $7,600.

Bids held under advisement.

Low Bidders

ADDITION Cost, $——

FORT STEILACOOM, Washington

Kitchen and dining room at State Hospital.

Owner—State of Washington.

Architect—Heath, Gove and Bell and Mock & Morrison, Perkins Bldg., Tacoma.

General Work—M. H. Marker, 1937½ Fawcett, Tacoma, $63,963.

Electric—Wire Electric Co., 3580 S Tacoma, Tacoma, $11,518.

Plumbing—Advance Plbg & Htg. Co. 1531 Pacific Ave., Tacoma, $7,388.

Heating—Bergh-Griggs Co., 933 Commerce, Tacoma, $5,662.

Bids held under advisement.

BIDS WANTED

SAN DIEGO, Cal.—Until Nov 11, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for the construction of the south ward at the Naval Operating Base (Hospital) San Diego. Spec. No. 8242.

Work includes concrete construction, steel, iron and bronze, tile roofing, metal studding, stucco, marble, tile, terrazzo, cork tile flooring, lumber and mill work, plumbing, heating and electrical work. Est. cost, $260,000.

Plans and specifications may be obtained from above office and from the Commandant, Naval Operating Base, San Diego, upon deposit of $50.00.

BIDS OPENED

SAN FRANCISCO, Calif.—Parker Weatherstrip Company, 4328 Geary St., at $450, submitted low bid to Custodian, U. S. Marine Hospital, San Francisco, for window ventilators at the Marine Hospital, 14th Ave. and Lake Street.

Complete bids follow:

Parker Weatherstrip Co.	$450.00
Cobbledick Kibbe Glass Co.	517.50
Nick Hemminga	550.00

Bids held under advisement.

10— HOTELS

Plans Being Completed

ALTERATIONS Cost, $——

MARYSVILLE, Yuba Co., Calif.

Alterations and additions to Western Hotel (complete exterior painting, carpentry, plumbing, sheet metal, plumbing, tile work, etc.).

Owner—Capital Company, 625 Market St., San Francisco.

Plans by Construction Department of Owner.

Plans and specifications will be available from Louis Rossi, Manager of Western Hotel, Marysville, in about one week. Bids will be taken on a segregated bid basis

Bids Rejected—Plans Being Revised

HOTEL Cost, $.....

ANGELS CAMP, Calaveras Co., Cal.

Four-story reinforced concrete or brick hotel building (30 rooms), steam heating system, air conditioning system, etc.

Owner—Hotel Bazinett.

Architect—Glenn Allen, 412 E. Main St., Stockton, Calif.

On previous bid opening Moore & Roberts, 693 Mission St., San Francisco submitted low bid on brick alternate.

Sam Eyre, Tracy, submitted low bid on concrete alternate.

11—ICE AND COLD STORAGE PLANTS

CONTRACT AWARDED

EL CENTRO, Imperial Co., Calif.—Gay Engineering Co., 2650 Santa Fe Ave., Los Angeles, commissioned by Imperial Ice & Development Co. to rebuild company's ice manufacturing plant in El Centro, which was dam-

aged by fire this month. Cost, $100,000. 11

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED

SAN FRANCISCO.—Until October 17, 2:30 p.m., bids will be received by Department of Public Works, Room 251, City Hall, for replacing ball bearings of Gearless elevators in the City Hall. Estimated cost, $2,500.

Specifications may be obtained from Charles Sawyer, City Architect. No deposit required.

BIDS WANTED

SAN DIEGO, Calif.—Until Oct. 8, bids will be received by City of San Diego for the construction of a new administration building in the San Diego Civic Center.

The work will include finishing the building above the 1st floor, to which point it has been carried by the WPA under force account. The building will be approximately 546 feet long and 240 feet wide, varying in height from two to five stories and having a ten-story tower. It will be a reinforced concrete structure with interior walls of concrete, tile and steel studs. The work includes elevators and dumbwaiters, pneumatic tube system, mail chute and letter box, metal plumbing enclosures, terrazzo work, ornamental tile work, marble, bronze doors, steel windows, ornamental metal, acoustical treatment, incinerator. vault doors, burglar alarm system, vault ventilators, electrical work and fixtures, plumbing and drainage, tile roofing, painting, glass and glazing, etc. The allotment for the work is $660,000. Plans may be obtained from the San Diego city clerk upon deposit of a certified check for $50. Louis J. Gill, William Templeton Johnson, Richard S. Requa and Sam W. Hammill are the architects; J. H. Davies, structural engineer. 3

LOW BIDDER

SAN FRANCISCO, Cal.—Marshall-Newall Supply Co., Spear & Mission Sts., at $1,149.56, submitted low bid to T. A. Brooks, Purchaser of Supplies, for builders' hardware for the Palace of Fine Arts.

Complete bids follow:

Marshall-Newall Supply Co.	$1,149.56
F. M. Hundley	1,296.83
Palace Hardware Co.	1,334.01
Baker-Hamilton & Pacific Co.	1,641.41

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 514 Santa Rita Avenue.
Two-story frame and stucco residence.
Owner—Mrs. H. G. Lewis, Beverly Hills.
Contractor—F. J. Simpson, Box 137, Los Altos.

Contract Awarded
RESIDENCE Cost, $6,000
BURLINGAME, San Mateo Co., Cal. Burlingame Gables.
One-story and basement frame and stucco residence.
Owner—H. Elwood.
Architect—Not Given.
Contractor—G. Pedersen, 313 Lorton St., Burlingame.

Contract Awarded
RESIDENCE Cost, $7,000
BURLINGAME, San Mateo Co., Cal. Lots 10 and 11 Block 27, Burlingame Avenue.
One-story and basement frame and stucco residence.
Owner—Jack A. Killabee.
Architect—Not Given.
Contractor—Peninsula Builders, 1150 Burlingame Ave., Burlingame.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two-story frame and stucco residence.
Owner and Builder—Leadley & Leadley, 207 Second Ave., San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $5,000
SAN FRANCISCO, Calif. Bet. 46th and 47th Aves. and Quintara and Rivera Sts.
Three one-story frame and stucco residences (6 rooms each). (First unit of group of 52 residences.)
Owner—F. A. Schwartz.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—John Kenison, 289 San Jose Ave., San Francisco.

Contract Awarded
RESIDENCES Cost, $4,000
SAN FRANCISCO, Calif. Lakeview and Plymouth Aves.
Two one-story and basement frame and stucco residence.
Owner—Richard Van Der Beets, 1338 Ocean Ave.
Architect—Not Given.
Contractor—Aetna Construction Co., 1730 24th Ave.

Contract Awarded
RESIDENCES Cost, $4,000 ea.
SAN FRANCISCO, Calif. 36th Ave. and Anza St.
Two one-story and basement frame and stucco residences.
Owner—A. H. Stein and Philip Krieg, 159 19th Ave.
Architect—Not Given.
Contractor—Philip Krieg, 1509 Cabrillo St.

Contract Awarded
RESIDENCE Cost, $.....
SACRAMENTO, Calif.
Two-story frame and brick veneer residence (7 rooms and 3 baths), redwood clapboard roof, hardwood floors, gas furnace, air conditioning system, Standard plumbing, plaster walls and ceilings.
Owner—A. F. Bishop, Sacramento, Calif.
Architect—Not Given.
Contractor—Hugh W. Comstock, Carmel, Calif.

Contract Awarded
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Calif. 798 Creston Ave.
Two-story frame and stucco residence (6 rooms).
Owner—R. P. Graves, 956 Indian Rock, Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Preparing Plans
DUPLEX Cost, $.....
BERKELEY, Alameda Co., Calif.
Two-story frame and stucco duplex (6 rooms and 2 baths in each), hardwood floors, Standard plumbing, gas furnace, plaster walls and ceilings, etc.
Owner—Mr. A. de Grassy.
Architect—Earl MacDonald, 3812 Broadway, Oakland.
Bids will be asked in about one week.

Plans Being Completed
RESIDENCE Cost, $6000
OAKLAND, Calif. Claremont Circle Tract.
Two-story frame residence (7 rooms and 2 baths), wood siding, hardwood floors, shake roof, gas furnace; rustic type.
Owner—M. Mathemy.
Architect—Earl MacDonald, 3812 Broadway, Oakland.
Bids will be asked in about a week.

Sub Bids Being Taken
RESIDENCES Cost, $.....
ROSS, Marin Co., Calif.
Two one-story and basement frame and stucco residences (7 rooms, 2 baths each), Spanish-Colonial style; split shake roof, oil heating system, wood sash, tile floors in bath rooms, papered walls.
Owner and Builder—Oscar M. Hueter, Laurel Grove Ave., Ross.
Architect—Harold Stoner, 41 Sutter St., San Francisco.

Contract Awarded
RESIDENCE Cost, $.....
HILLSBOROUGH, an Mateo Co., Calif.
Two-story frame and stucco residence.
Owner—Mr. Shipley.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
SAN JOSE, Santa Clara Co., Calif. 1533 Calaveras Ave.
One-story frame and stucco residence (6 rooms).
Owner & Builder—George Kocher, 1540 Calaveras Ave., San Jose.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
PALO ALTO, Santa Clara Co., Calif. 2475 Bryant Street.
Two-story frame, stucco and brick veneer residence.
Owner & Builder—F. G. Gibson, Rt. 1, Box 407, Palo Alto.
Architect—Not Given.

CONTRACT AWARDED

SAN FRANCISCO. — Michael and Bomerer, 762 DeHaro St., at $8,809 awarded contract by Irving F. Reichert, for alterations and additions to plumbing and heating system in residence at the NE corner of Scott and Jackson Sts. Alfred H. Jacobs, 110 Sutter St., architect.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
BERKELEY, Alameda Co., Calif. 480 Grizzly Peak Blvd.
Two-story frame and stucco residence (7 rooms and garage).
Owner and Builder—H. P. Atkinson, 127 Alvarado Road, Berkeley.
Plans by J. Anderson, care owner, Berkeley.

Contract Awarded
RESIDENCE Cost, $5,500
BERKELEY, Alameda Co., Calif. 404 Michigan.
Two-story frame and stucco residence (6 rooms and garage).
Owner — Harold Albright, 511 San Carlos, Berkeley.
Architect—F. Soderberg, 276 Perkins St., Oakland.
Contractor — O. S. Kavanagh, 1000 Miller Ave., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. Seventh Ave. and Lawton Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—Lexington Co., 1631 21st Avenue.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN FRANCISCO. Ravenwood and

Fernwood.
Two - story and basement frame and stucco residence.
Owner and Builder—Paul A. Wolter, Jr., 190 Maywood Drive.
Architect—Earl McDonald, 3812 Broadway, Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 1650 Shasta Ave.
One-story frame and stucco residence (6 rooms).
Owner & Builder—Rollie Williams, 1497 Shasta Ave., San Jose.
Architect—Chas. McKenzie, care of Twohy Bldg., San Jose.

Contract Awarded
RESIDENCE Cost, $——
CARMEL, Monterey Co., Cal. Santa Fe Street.
One-story frame residence (4 rooms and one bath) Redwood clapboard roof, hardwood floors, gas floor furnace, Standard plumbing plaster walls and ceilings.
Owner—Mr. Haley, Carmel.
Contractor—Hugh W. Comstock, Carmel.

Plans Being Completed
RESIDENCE Cost, $8,250
SAN FRANCISCO, Calif. Francisco Heights.
Two-story frame and stucco residence (6 rooms), composition shingle roof, gas hot air heating system, canvas walls, fireplace, knotty pine in social hall, stall shower, separate lavatory, bar, laundry, two-car garage, etc.
Owner—Name withheld.
Architect—Oscar R. Thayer, 110 Sutter Street.
Bids will be asked in about one week.

Sub-Contracts Awarded
RESIDENCE Cost, $8,500
PIEDMONT, Alameda Co., Cal. 1566 Oakland Avenue.
Two - story frame and stucco residence (8 rooms).
Owner—Mrs. Frances M. Thomas, 305 Hillside Ave., Piedmont.
Architect—Not Given.
Contractor—McWethy and Porter, 51 Vernon St., Piedmont.
Plumbing—H. G. Newman Co., 237 10th St., Oakland.
Electric Wiring—Scott-Buttner, 2214 Webster St., Oakland.
Heating—Aladdin Heating Co., 5107 Broadway, Oakland.
Foundations and Concrete—Ed. Doty, 2481 26th Ave., Oakland.
Lumber—Tilden Lumber Co., Oakland.
Mill Work—Oakland Planing Mill, 105 Washington St., Oakland.

Sub-Contracts Awarded
RESIDENCE Cost, $3,400
CARMEL, Monterey Co., Calif.
One-story frame and stucco residence
Owner—H. Cerwin, Carmel.
Architect—Not Given.
Contractor—Hugh W. Comstock, Carmel.
Roofing—Carmel Bldg. Specialties Co. Carmel.
Plumbing and Sheet Metal—Anderson, Dougherty & Hargis, Carmel
Tile, Glass, Lumber and Mill Work—Carmel Bldg. Specialties Co.
Grading—Frank DeAmaral, Carmel Highlands.
Steel Sash—Carmel Bldg. Specialties Co., Carmel

Contract Awarded
RESIDENCE Cost, $.....
BERKELEY, Calif. Le Conte Ave.
One-story and basement frame and stucco residence (5 rooms).
Owner—Name withheld.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—Albert Haskell, 255 Ridgway Ave., Oakland.

Preparing Plans
STORE BUILDING Cost, $7000
WILLOW GLEN, Santa Clara Co., Calif.
One-story reinf. concrete and brick store building.
Owner—S. Gillwell.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.

Sub Contracts Awarded
RESIDENCE Cost, $6,950
LOS GATOS, Santa Clara Co., Calif.
One-story and basement frame and stucco residence (7 rooms and 2 baths), shake roof, gas heating system, hardwood floors, tile baths, etc.; Early California style.
Owner—Harry A. White.
Architect—Chas. McKenzie, Twohy Bldg., San Jose.
Contractor—M. W. Reese, 1210 Minnesota Ave., San Jose.
Plumbing—Chas. Dawn, San Jose.
Electric Wiring—A. E. Midgley, Palo Alto.
Heating—C. R. Moody, San Jose.
Sheet Metal—Chas. Down, San Jose.
Tile Work—Harry Rediker, San Jose.
Glass & Steel Sash — Christopher-Schmidt, San Jose.
Foundations—Pyle Bros., San Jose.
Brick & Stone Work—Harry Rediker, San Jose.
Lumber—S. H. Chase Co., San Jose.
Mill Work—Pacific Mfg. Co., Santa Clara.
Lathing & Plastering—Farnham & Sanders, Los Gatos.

CONTRACT AWARDED
LOS ANGELES, Calif.—Frank Hellenthal, 911 Tenth St., Santa Monica, awarded contract for construction of two-story residence at 232 S. Mapleton Drive, West Los Angeles, for Leland Whittier. Cost, $65,000. Roland E. Coate, Architects' Bldg., Los Angeles, architect.

Sub Contracts Awarded
RESIDENCE Cost, $10,318
BAYWOOD, San Mateo Co., Calif.
Two-story and basement frame and stucco residence.
Owner—J. O. Elmer, 1743 Ivy St., San Mateo.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—R. A. White, 744 Crossway Road, Burlingame.
Plumbing—J. B. Reynard, 165 2nd Ave., San Mateo.
Electric Wiring—Mausser Electric Co., 260 Lorton Ave., Burlingame.
Heating & Sheet Metal—Izmirian Sheet Metal Works, 227 South Railroad Ave., San Mateo.
Tile Work—Broomhall Art Tile Co., 1529 St. Francis Way, San Carlos.
Glass & Mill Work—Pacific Manufacturing Co., Santa Clara.
Hardwood Floors—Inlaid Floor Co., 600 Alabama St., San Francisco.
Iron Grille Work—Peninsula Wrought Iron Works, 2195 El Camino, San Mateo.
Brick, Stone Work & Foundations—G. Bragato & Co., San Mateo.
Grading—E. D. Badger, Redwood City.
Lumber & Hardware—Wisnom Lumber Co., San Mateo.
Painting—Dave Millar, San Mateo.
Lathing & Plastering—G. B. Henderson.
Concrete Materials—San Mateo Feed & Fuel Co., San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $12,000
OAKLAND, Calif. 6101 Acacia Ave.
Two-story frame and stucco residence (9 rooms).
Owner & Builder—H. P. Fisher, 376 17th St., Oakland.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.

Contract Awarded
RESIDENCE Cost, $6,000
PALO ALTO, Santa Clara Co., Calif. 440 Sequoia Ave.
One-story stucco and brick veneer residence and garage.
Owner—Otis L. Cameron, 139 Mariposa Ave., Redwood City.
Architect—Not Given.
Contractor—A. B. Allen, 1015 Stanford Ave., Redwood City.

Contract Awarded
RESIDENCE Cost, $5,840
REDWOOD CITY, San Mateo Co., Calif. Carmelita Manor.
One-story and basement frame and stucco residence.
Owner—Charles Haufe.
Architect—Walter Clifford, 310 Locust St., San Francisco.
Contractor—James B. Allen, 913 Elm St., San Carlos.

Contract Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO, Calif. SW Marina Blvd. and Beach St.
Two-story and basement frame and stucco residence.
Owner—Anza Home Building Co., 321 Kearny Street.
Architect—Wm. F. Gunnison, 1666 Golden Gate Ave.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street.

Contract Awarded
RESIDENCE Cont. Price, $12,761
STOCKTON, San Joaquin Co., Calif. Oxford Manor.
Two-story and basement frame and stucco residence (9 rooms and 3 baths), tile roof, gas heating system, air-conditioning system, steel sash, hardwood floors, tile baths, tile wainscot, etc.
Owner—Mr. Stroggiaro.
Architect—Jos. Losekann, 1218 West Harding St., Stockton.
Contractor—C. I. Carlson, 807 North Madison St., Stockton.
Complete bids follow:

C. I. Carlson	$12,761
H. W. Johnson	13,200
F. J. Harrington	13,456
C. E. Totten	14,037
Ecker Bros.	14,334
T. E. Williamson	14,396

All of Stockton.

Sub Bids Being Taken
RESIDENCES Cost, $.....
ROSS, Marin Co., Calif.
Two one-story and basement frame and stucco residences (7 rooms, 2 baths each), Spanish-Colonial style; split shake roof, oil heating system, wood sash, tile floors in bath rooms, papered walls.
Owner & Builder—Oscar M. Hueter, Laurel Grove Ave., Ross.
Architect—Harold Stoner, 41 Sutter St., San Francisco.

Plans Being Completed
RESIDENCE Cost, $.....
SAN RAFAEL, Marin Co., Calif.
Two-story and basement frame and stucco residence (8 rooms and 3 baths), split shake roof, oil burning heating system, wood sash, hardwood floors, tile floors in baths, papered walls, etc.
Owner—Dr. James Wetmore.
Architect—Harold Stoner, 41 Sutter St., San Francisco.
Bids will be asked about Oct. 7.

Additional Sub Contracts Awarded
RESIDENCE Cost, $15,000
SAN FRANCISCO. Cumberland and Church Streets.
Two-story and basement frame and stucco residence (12 rooms and 3 baths).
Owner—Mr. Tarazellier.
Architect — Fabre and Hildebrand,

110 Sutter Street.
Contractor—Fred K. DuPuy, 110 Sutter Street.
Plumbing—Frank Davison, Ltd., 65 Chesley St.
Ornamental Iron—Romak Orn. Iron Works, 915 18th St.
Tile—Donlon & Fratessa, 24 12th St.
Mill Work—Harder's Planing Mill, 2845 Oakdale.
As previously reported:
Glass and Glazing—Arthur Goepp, 70 Twelfth Street.
Heating & Sheet Metal—Colan Htg. & Sheet Metal Co., 1060 Folsom.
Lathing & Plastering—Ruane & Jensen, 2455 14th Ave.

Contract Awarded
RESIDENCE Cost, $4,770
KING CITY, Monterey Co., Calif.
One and one-half story frame and stucco residence.
Owner—L. O. Branstetter, King City.
Architect—Not Given.
Contractor—D. W. Nicholson, 550 Blossom Way, San Leandro.

Contract Awarded
RESIDENCE Cost, $6,500
HEALDSBURG, Sonoma Co., Calif.
One-story frame and stucco residence (5 rooms), wood shingle roof, gas heat, wood sash.
Owner—L. B .Wood.
Architect — John Easterly, Healdsburg and Santa Rosa.
Contractor—Heitz & Witter, Healdsburg.

Completing Revised Plans
RESIDENCE Cost, $.....
BERKELEY, Alameda Co., Calif. N. Cragmont.
One-story and basement frame and stucco residence (5 rooms, bath and separate lavatory), tile bath, shingle roof, gas heating system, hardwood floors, wood sash, etc.
Owner—Fred Burness.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Bids will be asked within one week.

Sub Contracts Awarded
RESIDENCE Cost, $12,500
PALO ALTO, Santa Clara Co., Calif. 1720 Guinda Street.
Two-story frame and stucco residence (garage).
Owner & Builder—David D. Bohannon, Oakwood Place and Sonoma Place, Menlo Park, Calif.
Architect—Wallace A. Stephen, Bellehaven City, Calif.
Plumbing—Lee & Sharp, Palo Alto.
Electric Wiring — Erskine Electric Works, Redwood City.
Heating & Sheet Metal — Redwood Sheet Metal Works, Redwood City.
Tile Work & Glass—Bennetti Tile Co., San Mateo.
Window Shades & Hardwood Floors —Bennetti Tile Co., San Mateo.
Iron Grille Work—Bennetti Tile Co., San Mateo.
Brick & Stone Work—John T. Scott, Menlo Park.
Grading & Foundations — John T. Scott, Menlo Park.
Lumber—Merner Lumber Co., Palo Alto.
Mill Work & Hardware—Pacific Mfg. Co., Palo Alto.
Painting—B. W. Kramer, Belmont.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO, Calif. N. San Marcos, 218 W. from Steps.
Two-story and basement frame and stucco residence.
Owner—Dr. C. A. Brehm, 480 Post Street.
Architect—Not Given.
Contractor—D. G. Huenergardt, 120 Montalvo.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Calif. 1865 Greenock Avenue.
One-story frame and stucco residence (5 rooms).
Owner—L. L. Vierra.
Architect—Not Given.
Contractor—C. Hansen, 1500 Santa Clara Ave., Alameda.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
OAKLAND, Calif. 58 Sonia Street.
Two-story frame and stucco residence (6 rooms).
Owner & Builder—E. R. MacDonald, 3812 Broadway, Oakland.

Plans Being Prepared
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, Calif. Bet. 46th and 47th Aves. and Quintara and Rivera Streets.
Fifty-two one-story frame and stucco residences (6 rooms each).
Owner—F. A. Schwartz.
Architect—C. O. Clausen, 746 46th Avenue.
Plans completed for first unit of four.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO, 15th Ave. and Kirkham Street.
One-story frame and stucco residence, gas heat, hardwood floors, tile baths.
Owner—Harry Daniels.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Robert Black, 1935 Cabrillo Street.

Contract Awarded
RESIDENCE Cost, $5,200
SAN FRANCISCO, Calif. 47th Ave. and Geary Street.
One-story frame and stucco residence.
Owner—H. Mountalan, 773 46th Ave.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Selected; name withheld.

Contract Awarded
RESIDENCE Cost, $4,100
HAYWARD, Calif.
One-story and basement residence (vertical board and batten exterior), (5 rooms), floor furnace, shake roof, detached garage.
Owner—Name withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward, Calif.
Contractor—H. S. Shain, 54 Arlette Ave., Hayward.
Other bids were: Arthur Holyoake, 2839 E Ave., Hayward—$4,300.
Skovmand & Lewis, 729 E. 18th St., Oakland—$4,585.
September 25, 1936.

Preparing Plans—Contract Awarded
RESIDENCE Cost, $6,500
SAN FRANCISCO, Calif. Merced Manor.
One-story frame and stucco residence.
Owner—Mrs. Burns.
Architect—C. O. Clausen, 746 46th Ave.
Contractor—Bay Cities Building Co., 160 Russ St.

Plans Completed
RESIDENCE Cost, $5,500
SAN FRANCISCO, Calif. 37th Ave. and Balboa Street.
One-story frame and stucco residence.
Owner—Name Withheld.
Architect—C. O. Clausen, 746 46th Avenue.

Sub Contracts Awarded
RESIDENCE Cost, $8,485
MILL VALLEY.
MILL VALLEY, Marin Co., Calif.
One-story frame residence (6 rms., sleeping porch and garage).
Owner—Donald Sias, Mill Valley.
Plans by John H. Meigs, Sausalito.
Contractor—Melvin H. Klyce, 34 Eugene St., Mill Valley.
Plumbing—Varney Bros., 67 Throckmorton Ave., Mill Valley.
Electric Wiring—H. & H. Electric Co., 2704 Russell St., Berkeley.
Lumber—Mill Valley Lumber Co., 129 Miller Ave., Mill Valley.
Mill Work & Glass—Anderson Bros., Quint & Custer Sts., San Francisco.
Lathing & Plastering—H. W. Lester, 564 Butterfield Road, San Anselmo.

Sub Contracts Awarded
RESIDENCE Cost, $7,678
BURLINGAME, San Mateo Co., Cal. DeSoto, bet. Hillside and Easton.
1½-story frame and stucco residence (6 rooms), terra cotta shingle roofing, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—Wilfred May, 829 Balboa St., San Francisco.
Roofing—Crowley Roofing Co., 108 California Drive, Burlingame.
Electric Wiring—Medley Electric Co., 1136 Chula Vista Ave., Burlingame.
Heating & Sheet Metal — Edward Sterger, 45 B St., San Mateo.
Iron Grille Work—Peninsula Wrought Iron Works, 2195 El Camino Real, San Mateo.
Lumber—San Mateo Planing Mill, 5th & Claremont, San Mateo.
Mill Work—J. A. Hart Mill & Lumber Co., Jerrold & Napoleon Sts., San Francisco.
Lathing & Plastering—Paul and Eugene Venturelli, 943 W. Idaho St., San Mateo.

Contract Awarded
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. Cayuga and Santa Rosa Streets.
Two one-story and basement frame and stucco residences.
Owner—Louis De Paoli, 29th and Mission Streets.
Architect—Not Given.
Contractor—A. Berwick, 1525 Noe St.

PREPARING PLANS
LOS ANGELES, Cal.—Sleepy Hollow Ranch Corp., H. K. Koebig, president, 1003 N Orange Dr., Hollywood is preparing plans for 14 residences, 3 caretakers' quarters, stables, store building and a gate lodge to be built on the old Colby ranch, located in Angeles National Forest about 14½ miles north of La Canada. Surveys are now under way for road work, water storage and an electrical system.

Low Bidder
RESIDENCE Cost, $7,500
BURLINGAME HILLS, San Mateo County, Calif.
Two-story and basement frame and stucco residence (7 rooms and 2 baths each), shingle roof, gas heating system, wood and steel sash, tile baths, hardwood floor.
Owner—Cole C. Wisely.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Low Bidder — Charles Pedersen 734 Prospect Ave., San Mateo.

Sub-Contracts Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 58 Sonia Street.
Two - story frame and stucco residence (six rooms).
Owner and Builder—H. A. Schoening, 3812 Broadway, Oakland.
Architect—E. R. MacDonald, 3812 Broadway, Oakland.

Concrete, Grading and Excavating—J. H. Green, 2318 West St., Berkeley.
Lumber—Hogan Lumber Co., Second and Alice Sts., Oakland.
Mill—Pacific Mfg. Co., 1315 7th St, Oaland.
Rezo Doors—F. S. Buckley Door Co., 1698 Evans Ave., San Francisco.

Low Bidder
RESIDENCE Cost, $7,500
BURLINGAME HILLS, San Mateo County, Calif.
One-story rustic finish farm house (6 rooms) two baths, shake roof.
Owner—J. L. Warner.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Low Bidder—Herman T. Holsher, 325 Elm St., San Mateo .

Contract Awarded
RESIDENCE Cost, $11,000
SALINAS, Monterey Co., Calif.
One-story and basement frame and stucco residence (9 rms, 2 baths 2 separate lavatories), tile roof, oil heatig system, hardwood floors, etc.
Owner—E. Pedrazzi.
Architect — Chas. Butner, 51 Maple St., Salinas.
Contractor—Herbert Kimsey, Rt. 1, Box 2810, Salinas.

15— SCHOOLS

LOW BIDDER
SAN PEDRO, Los Angeles Co., Cal.—Chas. W. Pettifer, 703 W 14th St., Long Beach, submitted low bid to the Los Angeles board of education at $261,085 (Bid No. 3, including both buildings) for an eight-room reinforced concrete auditorium and a 13-room physical education building to be erected at San Pedro high school, 1221 S. Gaffey St., San Pedro.
Gordon B. Kaufmann, architect; Francis N. Dlouhy, structural engineer; E. L. Ellingwood, mechanical engineer.

Contract Awarded
ADDITION Cost, $24,490
PETALUMA, Sonoma Co., Calif.
Addition to the domestic science and music building (add four rooms) frame and stucco const., built-up roofing, etc.
Owner—Petaluma High School Dist.
Architect—Brainard Jones, 226 Washington St., Petaluma.
Contractor—Walter Singleton, Petaluma.

LOW BIDDER
SANTA MONICA, Los Angeles Co., Cal.—Wigg Const. Co., 901 National City Bank Bldg., Los Angeles, submitted low bid to the Santa Monica board of education at $109,948, for construction of Grant school, a PWA project. John and Donald B. Parkinson, architects, 808 Title Insurance Bldg., Los Angeles.

LOW BIDDER
LOS ANGELES, Cal.—Del E. Webb Const. Co., 1025 Westminster Avenue, Alhambra, submitted low bid to Los Angeles board of education at $713,-353.75 for reinforced concrete administration, science and classroom, commerce, home economics and cafeteria and assembly and music buildings to be erected at Abraham Lincoln high school, 3501 N. Broadway. A. C. Martin, architect; Norman B. Patten, structural engineer, and E. L. Ellingwood, mechanical engineer.

BIDS WANTED
LOS ANGELES, Cal.—Until Oct. 9, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro Street, for painting and miscellaneous work in connection with alterations to, and reconstruction of the boys' gymnasium at John Burroughs junior high school, 600 S. McCadden Place, in accordance with specifications prepared by the architectural section of the board; A. S. Nibecker, Jr., architect.

BONDS VOTED
BANNING, Riverside Co., Calif.—Banning Union High School District affirmed a $110,000 bond issue, proceeds to be used together with an expected PWA grant to finance the construction of a high school building in Banning and a high school in Palm Springs. Cost, $225,000. G. S. Wilson, Mission Inn, Riverside, architect

BOND ELECTION
MOJAVE, Kern Co., Cal.—Mojave Elementary School District will hold an election October 10 at which time it is proposed to vote bonds in the sum of $90,000, proceeds to be used to finance the construction of school building in Mojave. Edwin J. Symmes, architect, Haberfelde Building Bakersfield.

Plans Being Completed
RESIDENCE Cost, $6,500
SANTA ROSA, Sonoma Co., Calif.
One-story and basement frame and stucco residence (6 rooms), shingle roof, gas hot air heating system, wood sash.
Owner—Mr. McHugh.
Architect — John Easterly, Healdsburg and Santa Rosa.

BOND ELECTION
ANDERSON, Shasta Co., Calif.—Anderson Grammar School District will vote on October 23 on a proposal to issue bonds in the amount of $55,-000, proceeds to finance construction of a one-story grammar school bldg. (8 classrooms and auditorium to seat 500). Total estimated cost, $95,000.
Preliminary plans prepared by Architects W. H. and Harold Weeks, 593 Market St. San Francisco.
Application has been filed with the PWA for a loan and grant.

Plans Awaiting PWA Approval
ADDITIONS Cost, $25,350
WATSONVILLE, Santa Clara Co., Calif.
One-story frame and stucco addition to Roache School (5 classrooms), plaster interior partitions, composition shingle roofing, Oregon pine flooring, hot air heating system, gas furnace, etc.
Owner—Roache School District
Architect—A. W. Story, Pajara Valley Bank Bldg., Watsonville.
Upon approval of plans, bids will be asked.

BIDS WANTED
LOS ANGELES, Calif.—Until October 9, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for moving, repairing and installing pipe organ in the auditorium at Van Nuys high school, 6535 Cedros Ave., Van Nuys, in accordance with specifications prepared by the architectural section of the board; A. S. Nibecker, Jr, architect. Cost, $1450.

Contract Awarded
ALTERATIONS Cont. Pr., $169,904
BERKELEY, Alameda Co., Calif. Channing Way & Bancroft Ave.
Alterations and additions to Berkeley High School Gymnasium.
Owner — Berkeley Unified School District (Clara F. Andrews, Secretary).
Structural Engineer — Thomas F. Chace, Berkeley Board of Education.
Contractor—Central California Construction Co., 115 Burrows St., San Francisco.
Complete bids published Sept. 21

Contract Awarded
ALTERATIONS Cont. Pr. $20,222
BERKELEY, Alameda Co., Calif. S Allston Way, bet Grove and Milvia Streets.
Alterations and additions to Berkeley High School Auditorium.
Owner—Berkeley Unified School District (Clara F. Andrews, Secretary).
Structural Engineer — Thomas F. Chace, Berkeley Board of Education.
Contractor—B. A. Howkins, 1182 Market St., San Francisco.
Complete bids published Sept. 21.

Commissioned To Prepare Plans
JUNIOR COLLEGE
Cost (excl. equipment), $450,000
SAN FRANCISCO, Calif. Phelan & Ocean Avenues.
New Junior College (gymnasium, laboratory, cafeteria, library, 3 classrooms).
Owner—City and County of San Francisco.
Architect—Miller & Pflueger, 580 Market St., and John Baur, 251 Kearny St.
Further details will be announced shortly

Plans Being Prepared
JUNIOR COLLEGE Cost, $.....
SAN MATEO, Calif. Peninsula Ave. and North Delaware St.
New Junior College (science building, first unit), type of construction not determined.
Owner—San Mateo Junior College and High School District.
Architect—George W. Kelham, 315 Montgomery St., San Francisco.
The group of buildings contemplated include an administration building, science building, arts building, library, gymnasium, and students' union The first unit is estimated to cost approximately $100,000.

Contract Awarded
GYM, SHOP, ETC. Cont. Pr., $49720
COVELO, Mendocino Co., Calif.
One-story gymnasium building, one-story shop building and small auditorium (frame and stucco construction), built-up roof, maple and pine floors, oil hot air heating system, etc.
Owner—Round Valley High School District.
Architect—C. A. Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—A. O. Lightford, Upper Lake.

BIDS REJECTED
LOS ANGELES, Cal.—Los Angeles board of education rejected bids for reconstruction of the main building at Raymond Ave. school, 7511 Raymond Ave Harold S. Johnson, architect: Holmes & Narver, Inc., structural engineers.

LOW BIDDER
LOS ANGELES, Cal.—E. C. Nesser, 4822 W Jefferson Blvd., submitted low bid to Los Angeles board of education at $128,264, for additions to, and reconstruction of the main brick building at Garvanza school, 301 N. Avenue 62 Samuel E Lunden, architect: Paul E. Jeffers, structural engineer and Ralph E. Phillips, mechanical engineer.

BIDS WANTED
LONG BEACH, Cal.—Until Oct 7, 4 P. M., bids will be received by the Long Beach board of education for construction of an reinforced concrete addition to Stevenson school. Aaron Smith, structural engineer

and Clarence N. Aldrich, 1834 Dawson St., Long Beach, architect. 5

NEW BIDS WANTED

SANTA MONICA, Los Angeles Co. Cal.—Until October 19, 7:30 P.M., bids will be received by the Santa Monica board of education, 1333 Sixth St., for the construction of Grant school, a PWA project. John and Donald B. Parkinson, architects, 808 Tile Insurance Bldg., Los Angeles.

New Bids Wanted—To Close October 10, 10 A. M.

SAN LEANDRO, Alameda Co., Calif.
RECONST. SCHOOL Cost, $50,000
Dowling Blvd., bet. E. Merle Ct. and Mitchell Avenue.
Reconstruction of the existing unit (6 classrooms and several administration units at Roosevelt School; wood frame and stucco construction.
Owner—San Leandro School Dist.
Architect—George Klinkhardt, 1801 Bank of America Bldg., Oakland.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Plans and specifications may be obtained from the architect and from W. E. Ross, Secretary of the Board of Education, San Leandro, upon deposit of $25.00.

On previous bid opening, lowest bid was submitted by George Maurer, Piedmont, at $67,049.

Complete bids published July 23.

LOW BIDDER

LOS ANGELES, Calif.—Joseph Maiser, 1241 West 97th St., submitted low bid to Los Angeles board of education, at $105,000, for two-story reinforced concrete classroom building to be erected at Amelia Street school, 611 Jackson St. Richard M. Bates, Jr., architect; E. A. Evans, structural engineer, and Ralph E. Phillips, mechanical engineer.

BID REJECTED

STEWART, Nevada.—Department of the Interior, Washington, D. C., rejected only bid submitted by C. J. & R. Anderson, Salt Lake City, Utah, for the construction of (1) two teachers' quarters, (3) an employees' club building, two employees' cottages and a (2) gymnasium building at the Carson School, Stewart, Ormsby County, Nevada.

Bid read as follows: Item 1, $25,764.92; Item 2, $56,349.60; Item 3, $26,535.03.

Plans Being Figured—Bids Close October 14, 8 P. M.

ALTERATIONS Cost, $3,000
SANTA CLARA, Santa Clara Co., Calif. Fremont Street.
Alterations to kitchen and installation of lavoratories.
Owner—Santa Clara Grammar School Fremont St., Santa Clara.
Architect—Binder & Curtis, 35 West San Carlos St., Santa Clara.

Plans and specifications may be obtained from the architects upon deposit of $10.00.

Preliminary Plans Being Prepared

DORMITORY Cost, $200,000
PALO ALTO, Santa Clara Co., Cal. Stanford University Campus.
Addition to women's dormitory (Lagunita Court) two wings to accommodate 80.
Owner—Stanford University.
Architect—Bakewell & Weihe and Arthur Brown, Jr., 251 Kearny St., San Francisco.

CONTRACT AWARDED

LOS ANGELES, Calif.—Stark and Schmid, 822 N Parton St., Santa Ana awarded contract by Los Angeles board of education at $69.900 for reconstruction, strengthening and rehabilitation of the main building at Holmes Ave. school, 5108 Holmes Avenue. Walter H. Parker, architect, and W. E. Wilson, structural engi-

Contract Awarded

GYMNASIUM Cont. Price, $19,249
AUSTIN, Nevada.
One-story brick gymnasium (50x86 feet), concrete foundation, wood framed floor and wood framed peak roof, plastered interior walls.
Owner — Lander County Board of Education.
Architect—F. J. DeLongchamps, Gazette Bldg., Reno, Nevada.
Contractor—Hilbert Hansen, 503 Burns St., Reno, Nevada.
Complete bids published Sept. 23.

BIDS WANTED

LONE PINE, Inyo Co., Calif.—Until October 6, 7 p.m., bids will be received by Catherine Bonham, Secretary, Lone Pine Union High Sch. District, for furnishing and installing certain science laboratory furniture in the High School in Lone Pine.

Specifications may be obtained from above office or Orville L. Clark, architect, 360 N. Ridgewood Place, Los Angeles, Calif.

BOND ELECTION

COVINA, Los Angeles Co., Calif.—Covina Union High School District will hold an election October 20 to vote on bonds in the sum of $50,000 to be used to paritally finance the construction of a reinforced concrete classroom building at Covina high school. The government recently approved a $54,450 grant for the project and the district has $16,500 available. Total cost, $121,000. John C. Austin and Frederic M. Ashley, architects, Chamber of Commerce Bldg. Los Angeles.

BONDS DEFEATED

BEATTY, Nevada.—Beatty School District defeated a bond issue in the amount of $6,000.00 September 28, proceeds of which were to have financed construction of a school bldg. in Beatty.

Preparing Working Drawings

SCHOOL Cost, $15,000
MENDOCINO CITY, Mendocino Co.
One-story frame and rustic grammar school.
Owner—Mendocino City Grammar School District.
Architect—Norman R. Coulter 46 Kearny St., San Francisco.

BONDS VOTED

MESA, Arizona—Mesa High School District affirmed $120,000 bond issue, proceeds to be used to partially finance construction of buildings and additions at Mesa high school. Cost of the improvements, for which a PWA grant has been approved, is $217,000.

BIDS WANTED

SALINAS, Monterey Co., Cal.—Until October 13, 8 P. M., bids will be received by R. D. Case, Secretary, Salinas City School District, for furnishing and installing equipment and furniture for the Washington School in Salinas. Bids are being received on the following items.

(1) Steel lockers;
(2) Stage curtain and scenery;
(3) Auditorium seats;
(4) Drawing tables and stools;
(5) Chairs;
(6) Movable steel desks;
(7) Steel chain link fence;
(8) Sidewalks;
(9) Grading;
(10) Steam main valves.

Specifications and bid forms may be obtained from Chas. E. Butner, Gilkbarg Bldg., Salinas.

Bids Opened

ADDITION Cost, $60,000
NORTH SACRAMENTO, Calif.
Addition to high school building (add 15 classrooms) reinforced concrete construction.
Owner — Grant Union High School District.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Low Bidder—Azevedo Const. Co., 920 O St., Sacramento.
Complete bids follow:
(1) (2) (3) (4) deduct.

Azevedo Const. Co. $68,900
(1) $871; (2) $811; (3) $2320; (4) $749.
Campbell Const. Co. 72,392
(1) $690; (2) $900; (3) $2500; (4) $1000.
Wm. C. Keating 72,450
(1) $580; (2) $825; (3) $2345; (4) $800.
Charles Unger 72,724
(1) $580; (2) $825; (3) $2320; (4) $586.
H. W. Robertson 72,987
(1) $600; (2) $900; (3) $2400; (4) $900.
P. F. Bender 73,600
(1) $900; (2) $1125; (3) $2670 (4) $1250.
F. H. Betz 78,498
(1) $579; (2) $823; (3) $2350; (4) $800.

All of Sacramento.
Bids held under advisement.

Preparing Working Drawings

SCHOOL Cost, $15,000
UKIAH, Mendocino Co., Calif.
One-story frame and rustic grammar school.
Owner—Ukiah Grammar School Dist.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Contract Awarded

RED BLUFF, Tehama Co., Calif.—F. J. Edwards, 2401 Ninth Ave., Oakland, at $2,668, awarded contract by Red Bluff Union High School District, for furnishing and installing steam heating system in the gymnasium building at the High School.

Dragon and Schmidts, 2068 Allston Way, Berkeley, Architects.

LOW BIDDER

LOS ANGELES, Calif.—J. H. Pelkey, 2175 Locust Ave., Long Beach, submitted low bid to Los Angeles board of education, at $74,500, for reconstruction, rehabilitation and strengthening of 1923 and 1926 portions of main building and auditorium at Lillian Street school, 5917 Lillian St. A. S. Nibecker, Jr., architect.

CONTRACT AWARDED

RESEDA, Los Angeles Co., Calif.—C. B. Sartwell, 7131 Van Nuys Blvd., awarded contract by Los Angeles board of education at $2145 for moving, repairing and installing pipe organ at Reseda school, Amigo St., Reseda. A. S. Nibecker, Jr., architect.

CONTRACT AWARDED

LOS ANGELES, Cal.—E. C. Nesser, 4822 W Jefferson Blvd., awarded contract by the Los Angeles board of education at $128,264, for additions to, and reconstruction of, the main brick building at the Garvanza school, 301 N Avenue 62.

CONTRACT AWARDED

LOS ANGELES, Cal.—D. E. Webb Const. Co., 1025 Westminster Ave., Alhambra, awarded contract by Los Angeles board of education for the construction of reinforced concrete administration, science and classroom, commerce, home economics, and cafeteria and assembly and music buildings at Abraham Lincoln high school, 3501 N Broadway. A. C.

Martin, architect, Norman B. Patten, structural engineer, E. L. Ellingwood mechanical engineer.

BOND ELECTION

SAN BERNARDINO, Calif. — San Bernardino board of education called an election for October 21 at which time it is proposed to vote bonds in the sum of $250,000, proceeds to be used to finance construction of additional units at senior high school and at Arrowview junior high school. E. Chas. Parke, 25 Fuller Bldg., San Bernardino, architect.

LOW BIDDER

LOS ANGELES, Cal.—Byerts and Dunn, 1131 N Orange Grove Avenue, submitted low bid to Los Angeles board of education at $99,600 for a 2-story reinforced concrete building to be erected at Latona Ave. school, 625 E Avenue 43. Orville L. Clark, architect, Manley W. Sahlberg, structural engineer, C. A. Sanborn & Co., mechanical engineer.

Plans Completed
ADDITION Cost, $47,500
TAFT, Kern Co., Calif.
Two-story reinforced concrete addition to west unit of Administration Building at high school.
Owner—Taft Union High School Dist.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.
PWA has approved a grant of $22-000 to assist in financing.
Plans will be forwarded to State Division of Architecture, Sacramento, for approval on October 2.

Plans Completed
RECON. SCHOOL Cost, $118,707
TAFT, Kern Co., Calif.
Reconstruction of north and south wings of high school.
Owner—Taft Union High School Dist.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.
Plans will be forwarded to State Division of Architecture, Sacramento, for approval on October 2.

Contract Awarded
SCHOOL Cont. Price, $60,879
ALBANY, Alameda Co., Calif.
Third unit at Albany School (classrooms, study hall, administrative offices, cafeteria) reinforced concrete const., composition roofing, steel joists, steam heating system, etc.
Owner—Albany High School District.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor—C. M. Norgrove, 2220 Roosevelt, Berkeley.

Sub Contracts Awarded
REHAB. SCHOOL. Cont. Pr., $34,580
BERKELEY, Alameda Co., Cal. 1775 Rose Street.
Additional rehabilitation at the Garfield School (alternate proposals).
Owner—Berkeley School District.
Structural Engineer — Thomas F. Chace, Berkeley Board of Education.
Consulting Architect—W. C. Ambrose, Berkeley Board of Education.
Contractor—K. E. Parker Company, 135 South Park, San Francisco.
Finish Hardware—Maxwell Hardware Co., 1320 Washington Street, Oakland.
Blackboards—J. W. Fricke, 420 Market St., San Francisco.
Sheet Metal—Aladdin Heating Corp., 5107 Broadway, Oakland.
Plumbing—O'Mara & Stewart, 218 Clara St., San Francisco.
Electricity—Spencer Electric Co., 2059 Webster St., Oakland.
Sprinkler System — Grinnell Co. of Pacific, 601 Brannan St., San Francisco.

Bids Wanted — To Close October 20, 4 P. M.
RECONSTRUCTION Cost, $.....
OAKLAND, Alameda Co., Calif. 14th and Myrtle Streets.
Reconstruct Lowell Junior High Sch.
Owner—Oakland School District.
Architect—W. G. Corlett, Second Avenue and E. Tenth St., Oakland (School Administration Bldg.).

16—BANKS, STORES AND OFFICES

Contract Awarded
ALTER STORES AND APTS. Cost, $4,000
SAN FRANCISCO, Calif. 378 Golden Gate Ave.
Alter Stores and Apartments.
Owner—Buck and Ohland Estate, % Contractor.
Architect—Not Given.
Contractor—A. L. Thulin, 63 Brady St.

Contract Awarded
ALTERATIONS Cost, $5,000
FRESNO, Calif. 1014 Van Ness Ave.
Alterations to store building.
Owner—Kings Food Market.
Architect—Not Given.
Contractor—Fisher & McNulty, Cory Bldg., Fresno.

Preparing Preliminary Plans
STORE Cost, $.....
ALAMEDA, Calif. Versailles and Fernside Blvd.
One-story frame store (33x50).
Owner—Mr. Bowe.
Architect — Earl MacDonald, 3812 Broadway, Oakland.

Contract Awarded
MARKET Cost, $16,000
SAN FRANCISCO, Calif. Lombard and Divisadero Streets.
One-story frame market building.
Owner—Bothin Real Estate Co., 604 Mission St.
Architect—Angus McSweeney, 604 Mission St.
Engineer—Norman Green, Sharon Bldg.
Contractor—F. R. Siegrist, 604 Mission Street.

PREPARING PLANS

LOS ANGELES, Calif.—Columbia Broadcasting Co., 5939 Sunset Blvd., is having plans prepared in its Eastern offices for a two- and part three-story reinf. concrete building, to be built at the northwest corner of Sunset Blvd. and El Centro Ave. Cost, $250,000.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO, Calif. NE Fulton and Laguna.
Alterations to store building.
Owner—The White House, Sutter & Grant Ave.
Engineer—W. H. Ellison, Pacific Building.
Contractor—J. A. Pasqualetti, 1745 Filbert Street.

Contract Awarded
STORE Cost, $17,000
PALO ALTO, Santa Clara Co., Calif. SE University Ave. and Ramona Street.
One-story reinforced concrete building. (35x100).
Owner—Ferdinand Bendheim, Palo Alto.
Architect—Leslie Nichols, 532 Emerson St., Palo Alto.
Lessee—Walgreen Drug Company.
Contractor—T. M. Sommer, 150 Jordan St., San Francisco.

Preparing Working Drawings
STORE Cost, $.....
SANTA ROSA, Sonoma Co., Calif. Fourth and D Streets.
Two-story steel frame and reinforced concrete department store building.
Owner — Fred. Rosenberg, Santa Rosa.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

Bid Opening Postponed Until Oct. 3.
ADDITION Cost, $——
MARTINEZ, Contra Costa Co., Calif.
Third - story addition to furniture store (steel frame, brick walls Summerbell trusses, reinforced concrete wall around the third story).
Owner—G. M. Huffman.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Following will submit bids:
A. J. Freethy, 224 16th St., Richmond.
J. Bitcon, 628 Louisiana St., Vallejo.
Frank Ausez, Richmond.
J. F. Crowell, Martinez.
George Petersen, 1841 Bancroft Ave., San Leandro.

Contract Awarded
OFFICE BLDG. Cost, $35,000
OAKLAND, Alameda Co., Calif. 2938 Summit St.
Two-story office building (60 rooms), frame, stucco and brick veneer construction.
Owner—(John J. Moore, Representative for Owner.)
Architect—N. and A. T. Newsom, Russ Bldg., San Francisco.
Contractor—John J. Moore Co., 354 Hobart St., Oakland.

Contract Awarded
OFFICE Cost, $6,000
SAN FRANCISCO, Calif. Howard and Erie Streets.
Class C Office.
Owner—W. C. Johnson, care Contractor.
Engineer—H. A. Emmrich, 1280 India Street.
Contractor—Louis Johnson, 666 Mission Street.

Sub Contracts Awarded
BUILDING Cost, $12,000
LAKEPORT, Lake Co., Calif. Main and Fifth Streets.
Two-story frame and stucco newspaper building (plate glass front, steam heating system, concrete flooring covered with masonite floor covering, etc.
Owner—The Lakeport Press, Lakeport.
Architect — John I. Easterly, 320 Grant St., Healdsburg and Santa Rosa.
Contractor—H. L. George, Big Valley.
Roofing, Plumbing, Heating—Charles Wofry, Lakeport.
Electric Wiring, Sheet Metal—Chas. Wofry, Lakeport.
Lumber—Stevens Lumber Co., Lakeport.

Sub Contracts Awarded
ADDITION Cost, $.....
MARYSVILLE, Yuba Co., Calif. 4th and D Streets.
Addition to pharmacy (new front, rearrange interior, etc.).
Owner—G. A. Kirk.
Architect—Not Given.
Contractor—C. A. Otto, 823 12th St., Marysville.
Plumbing & Sheet Metal—J. Crowther.
Tile Work—Marysville Tile Co.
Hardwood Floors—Geo. Emerson.
Lumber—Union Lumber Co.
Hardware & Mill Work—C. A. Otto.
Painting—R. K. Minchin.
Lathing & Plastering—Tom Bisset.
All of Marysville.

Contract Awarded
OFFICE BLDG. Cost, $18,000
SANTA CRUZ, Santa Cruz Co., Cal.
One-story office bldg. (103x59 feet) Early California style, containing

three suites, each suite including consultation, examination and dressing rooms with physiotherapy cubicles and X-ray dept.
Owners—Drs. Phillips and Randall.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Hamilton & Church, 383 Ocean St., Santa Cruz.

Contract Awarded
ALTERATIONS Cost, $4,000
Alterations to offices.
Owner—Philip A. Wooster.
Engineer—H. Rosenthal.
Contractor—Jacks & Irvine, 620 Market Street.

Roofing Bids Opened
ALTERATIONS Cost, $25,000
SANTA ROSA, Sonoma Co., Calif. Fourth and Hinton Avenues.
Alterations and additions to store and office building.
Owner—M. Goldman, Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—William Rapp, Santa Rosa.
Complete bids follow:
Wm. Rapp, Santa Rosa $1,159
D. Davenport 1,288
C. B. Roberts, Santa Rosa 1,664
Bids held under advisement.

Plans Being Figured — Bids Close October 5th
SHOW ROOM Cost, $35,000
BURLINGAME, San Mateo Co., Cal.
One-story reinforced concrete automobile show room and sales building.
Owner—Chevrolet Motor Company.
Architect — Wm. H. Toepke, Call Bldg., San Francisco.
Bids are being taken from a selected list of contractors only.

Plans Being Prepared
OFFICE BLDG. Cost, $35,000
DAVIS, Yolo Co., Calif. Third and G Streets.
Modern office building (air-conditioning system, etc.).
Owner E. S. McBride and R. A. Wells.
Architect—Starks & Flanders, Forum Bldg., Sacramento.

Contract Awarded
ALTERATIONS Cost, $7,500
SAN FRANCISCO. 517 Cortland Avenue.
Alterations to 2 flats and 2 stores.
Owner—Mr. E. Judice, 517 Cortland Avenue.
Architect—D. E. Jackle, 126 Post St.
Contractor—C. Lindberg, 1 Naylor Street.

Plans Being Completed
ADDITION Cost, $.....
RIO DEL MAR, Santa Cruz Co., Cal.
Dining room annex, ballroom and new kitchens.
Owner—Rio Del Mar Country Club, Russ Bldg., San Francisco. (Walter McGowan, Gen. Mgr.)
Plans by Engineering Department of Owner.
Will ask bids in about one week.

Sub-Contracts Awarded
ALTERATIONS Cost, $18,000
MODESTO, Stanislaus Co., Calif.
Alterations to threatre for stores (the work involves plate glass, plumbing, electrical work, painting, decorating, tile, etc.)
Owner—Pacific States Savings and Loan Association.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—H. Tennyson, 125 Poplar Avenue, Modesto.
Roofing—State Bldg. Materials Co., Modesto.
Plumbing, Electric Wiring, Sheet Metal & Heating—Hansen's, Modesto.
Lumber—United Lumber Yards, Inc., Modesto.
Painting—I. Holts, Modesto.
Mill Work—United Lumber Yards, Modesto.

September 30, 1936

Contract Awarded
ALTERATIONS Cost, $5,000
SAN FRANCISCO. NW Sutter and Kearny Streets.
Alter drug store.
Owner—The Owl Drug Co., 657 Mission Street.
Architect—Not Given.
Contractor—Louis C. Dunn, Inc., 424 Monadnock Bldg.

Plans Being Figured
STORE Cost, $10,000
SAN FRANCISCO. Irving St. near 22nd Avenue.
One-story frame and tile store bldg. (four stores).
Owner—Withheld.
Architect—Albert Burgren 110 Sutter Street.

Contract Awarded
ALTERATIONS Cost, $3074
OAKLAND, Alameda Co., Cal. 13th and Franklin Streets.
Alterations to building.
Owner—Farmers & Merchants Savings Bank.
Architect—W. P. Day, Financial Center Bldg., Oakland.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont.

17— THEATRES

Plans Being Figured—Bids Close October 14, 10 A. M.
THEATER Cost, $65,000
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete threatre (55x120 feet) air conditioning system
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 321 Bush Street, San Francisco.

Planned
ALTERATIONS Cost, $——
ARBUCKLE, Colusa Co., Calif.
Alterations to theatre (new entrance, sound equipment, new screen, Neon sign, painting, decorating furnishings, etc.)
Owner—Arbuckle Theatre.
Architect—Not Given.
Further details will be announced at a later date.

Reinforced Steel Contract Awarded
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. K Street, bet. Fifth and Sixth Sts.
Alterations to Capital Theatre (work involves decorating, new wiring, plastering, hot air heating system, air conditioning system, etc.).
Owner—T. and D. Theatres and Fox West Coast Theatres, 25 Taylor St., San Francisco.
Plans by the Engineering Dept. of Owner
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Salih Bros., 25 Taylor St., San Francisco.
Reinf. Steel—Soule Steel Co., 1750 Army St., San Francisco.
Other awards will be made shortly.

Prospective Bidders
THEATRE Cost, $65,000
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120 ft.), air-conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 321 Bush Street, San Francisco.

Following have procured plans. Bids close October 14, 10 A. M.:
Peter Sartorio 606 Mission St.
Moore & Roberts 693 Mission St.
Carlen Construction Co. 4216 Carrington St., Oakland.
Empire Construction Co., Russ Bldg.
David Paganini, 519 California St.
H. H. Larson, 64 Sec. Park St.
All of San Francisco, unless otherwise noted.

18— WHARVES & DOCKS

Bids Opened
PIER
SAN FRANCISCO. Pier 19, foot of Filbert Street.
Reinforced concrete pier to replace present structure
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank K. White, Ferry Bldg., San Francisco
Low Bidder—Ben C. Gerwick Inc., 112 Market Street
Complete bids follow:
The work involves:
(1) Demolish present Pier and construction of new one. Work involves jacket piles and concrete deck, etc.
(2) Furnish and place 24,000 tons of Class B rock;
(3) Total price, per ton, for Item 2;
(4) Grand Total.

Ben C. Gerwick Inc.	(1)	$382,100.00
	(2)	1.00
	(3)	21,000.00
	(4)	406,100.00
A. W. Kitchen Co.	(1)	$385,127.00
	(2)	1.40
	(3)	336,000.00
	(4)	418,727.00
Clinton Constr. Co.	(1)	$401,100.00
	(2)	1.20
	(3)	28,800.00
	(4)	429,900.00
Healy Tibbitts Construction Company	(1)	$402,800.00
	(2)	1.00
	(3)	24,000.00
	(4)	426,800.00
Duncanson Harrelson Company	(1)	$419,983.00
	(2)	1.35
	(3)	32,400.00
	(4)	452,383.00
MacDonald & Kahn	(1)	$497,000.00
	(2)	1.30
	(3)	31,200.00
	(4)	528,200.00

Recommendation made to PWA that contract be awarded to Ben. C. Gerwick at $406,100.

Bids Wanted — To Close Oct. 8th, 2 P.M.
PIER Cost, $700,000
SAN FRANCISCO. Pier 9, foot of Vallejo St.
Reinforced concrete pier to replace present structure, jacketed piles, reinf. concrete deck, creosoted lumber apron to support track, etc.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Bldg., San Francisco.
Plans and specifications may be obtained from above office upon deposit of $20.00.

Contract Awarded
PIER Cost Price, $406,100
SAN FRANCISCO. Pier 19, foot of Filbert Street.
Reinforced concrete pier to replace present structure.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank K. White, Ferry Bldg., San Francisco.
Contractor—Ben C. Gerwick, Inc., 112 Market Street.
Complete bids published September 25.

FIRE LOSS

SACRAMENTO, Calif. — Fire destroyed the pier of the Associated Oil Co., located near Front and Y Streets, Sacramento, September 26. Damage estimated at $20,000.

FIRE LOSS

SACRAMENTO, Calif. — Fire destroyed the pier of the Union Oil Co., located near Front and Y streets, Sacramento, September 26. Damage estimated at $30,000.

Prospective Bidders
PIER Cost, $700,000
SAN FRANCISCO. Pier 9, foot of Vallejo Street.
Reinforced concrete pier to replace present structure, jacketed piles, reinf. concrete deck, creosoted lumber apron to support track, etc.
Owner—State of California (Board of Harbor Commissioners).
Engineer — Frank G. White, Ferry Bldg., San Francisco.
Following have procured plans. Bids open Oct. 8, 2 P. M.:
Healy-Tibbitts Construction Co., 64 Pine St.
A. W. Kitchen & Co., 110 Market St.
Columbia Steel Co., Russ Bldg.
Duncanson-Harrelson Co., deYoung Bldg.
Clinton Construction Co., 923 Folsom Street.
Concrete Reinforcing Steel Institute.
Transit Concrete Co., 6th and Berry Streets.
Plans and specifications may be obtained from above office upon deposit of $20.00

19—MISC. CONSTRUCTION

BIDS OPENED

SAN FRANCISCO. — Pacific Dry Dock & Repair Co., foot of 14th Ave., Oakland, at $37.50, submitted low bid to the U. S. Engineer Office, San Francisco, under Bid No. 868-37-36, for drydocking, cleaning and painting the U. S. Motorboat "Morton L. Tower."

Anderson & Cristofani, San Francisco, at $114.50, submitted the only other bid.

Sub Contracts Awarded
TERMINAL Cont. Price, $19,165
OAKLAND, Alameda Co., Cal. Piedmont Ave. train terminal.
One-story Class A concrete and steel train concourse and terminal.
Owner—Key System.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.
Sheet Metal & Roofing—Central Sheet Metal Co., 3246 Ettie St., Oakland.
Heating & Plumbing—Madden Plumbing Co., 3121 San Pablo Avenue, Oakland.
Electric Wiring — Matson Electrical Equip. Co., 4115 Broadway, Oakland.
Tile Work—Superior Tile Co., 3743 Broadway, Oakland.
Glass—East Bay Glass Co., 621 6th St., Oakland.
Lumber—Tilden Lumber Co., ft. of University, Berkeley.
Mill Work—Oakland Planing Mill Co., 105 Washington St., Oakland.
Painting—Raphael Co., 270 Tehama St., San Francisco.
Structural Steel — Independent Iron Works, 821 Pine St., Oakland.

CONTRACTS AWARDED

SAN FRANCISCO.—Bruer & Seimer, 965 Evans Ave., at $798 (Proposal A) for making repairs to floating pile driver No. 3, and H. C. Thompson, 930 Evans Ave., at $1,864 (Proposal B) for woodwork on three extra spuds submitted low bids and awarded contracts by the State Board of Harbor Commissioners, Ferry Building.

Complete bids follow:
Bruer & Seimer, (A) $798; (b) no bid.
H. C. Thompson, (A) $1,120; (B) $1,864.
Anderson & Christofane, (A) $890; (B) no bid.
Pacific Drydock & Repair Co., (A) $1,225; (B) $1,205.
General Engr. & Drydock Corp., (A) $1,360; (B) $1,443.

Bids Opened
DEPOT & GARAGE
STOCKTON, San Joaquin Co., Calif. Washington and Sutter Streets.
One-story reinforced concrete bus depot and garage (steel trusses, composition roofing, etc.).
Owner—Pacific Greyhound Lines, 201 Pine St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—J. C. Meyers, Rt. 1, Box 439, Stockton.
Complete bids follow:
J. C. Meyers, Stockton.....$41,912
J. H. Henning, Stockton..... 41,920
J. A. Allen, Stockton..... 41,972
L. S. Peletz, Stockton..... 43,900
Lindgren & Swinerton, Inc., San Francisco 44,800
Bids held under advisement.

Contract Awarded
BUILDINGS Cost, $
YOSEMITE PARK, Mariposa Co., Calif.
Two dormitory buildings (33 rooms, 2 baths each) and one apartment house (eight 2-room and bath apartments), frame construction, redwood rustic exterior, galvanized metal roofs, plaster board, sheet rock inside walls and ceiling, wood and linoleum floors, etc.
Owner—Yosemite Park and Curry Company.
Architect—Eldridge Spencer, Claus Spreckels Bldg., San Francisco.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

SALE OF BUILDINGS

SAN FRANCISCO. — Director of Property Joseph J. Phillips, City Hall, will sell at public auction Oct. 2, 9:30 A. M., buildings located at 152 and 170 Collingwood St., San Francisco.

BIDS WANTED

BALTIMORE, Maryland. — Until October 13, 11 a.m., bids will be received by Captain J. Van Ness Ingram, Purchasing & Contracting Officer, Holabird Quartermaster Depot, Baltimore, under Bid No. 398-37-10, for the construction, complete equipment, and delivery of one Twin Screw Steel Vessel Diesel electric driven, for submarine mine and cable service.

Plans and specifications obtainable from the above office upon deposit of $15.

A book of the general conditions and specifications for the construction of the mine planter is on file at the office of the DAILY PACIFIC BUILDER.

BIDS OPENED

SAN FRANCISCO.—Hansen Bros., at $1,565, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 4751, for the moving of the West Portal of Breon Gate at 19th Ave. and Lincoln Way Estimated cost, $2,500.

Work involves the moving of the west entrance gate of the 19th Ave. and Lincoln Way entrance to Golden Gate Park, a distance of approximately 30 feet.

Bids will be taken as follows:
(1) Lump sum, work complete;
(2) One only, statue to be moved from the island facing 19th Ave. and Lincoln Way to Golden Gate Park stable yard, a distance of approximately 5,500 feet.
Complete bids follow:
Hansen Bros.—(1) $1,475; (2) $90.
D. J. and T. Sullivan, Inc.—(1) $2,380; (2) no bid.

BIDS OPENED

SAN FRANCISCO.—Otis Elevator Co., 1 Beach St., at $58,918, submitted the only bid received by the Directors of the Golden Gate Bridge and Highway District, Room 1000, 111 Sutter St., W. W. Felt, Secretary, for furnishing and installing two service elevators about 3½ ft. square, in the Marin and San Francisco towers of the Golden Gate Bridge.

Bids were previously opened October 31, 1934, at which time low bid was submitted by the Otis Elevator Co., 1 Beach St., at $94,842.

Bid referred to the Chief Engineer and the General Manager of the District for recommendation.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

SAN FRANCISCO. — Daugherty Lumber Co., Cottage Grove, Oregon, at $27,223.67, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1645, for furnishing Douglas Fir lumber for the WPA.

CONTRACTS AWARDED

LOS ANGELES. — Contracts have been awarded by the Los Angeles Water and Power Commission, 207 S. Broadway, for furnishing electric fusion welded steel pipe under Spec. X-47, as follows:

Items 1, 2 and 3 to Southwest Welding Mfg. Co., at $108,145.

Item 4 to Emsco Derrick & Equipment Co., at $32,839.50.

CONTRACT AWARDED

LOS ANGELES. — Riverside Cement Co., 621 S Hope St., awarded contract by the U. S. Engineer Office, at $59,400, for portland cement. The following firms submitted identical bids to the U. S. Engineer, 751 S. Figueroa St. for furnishing [illegible] bbls. portland cement in paper bags, delivered to points within limits of L. A. County flood control projects as may be directed: Southwest Portland Cement Co., Riverside Cement Co., and California Portland Cement Co. The bids were: (1) $1.98 per bbl.; total, $59,400; terms, net Circ. Prop. No. 184.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

RECLAMATION BUREAU

OWYHEE PROJECT, Oregon-Idaho.—Until October 16, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 838-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Ontario, Oregon, one 12-in., manually-operated gate valve and four 24-in., electrically-operated gate valves for installation in the Dead Ox pumping plant, Owyhee Project. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

BOULDER CITY.—Until October 19, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 839-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, the following:

(1) Three 667-kv-a, single-phase, oil-insulated, self-cooled 60-cycle, 33,000 to 480/2,400-volt transformers.
(2) Four 1,667-kv-a, 60-cycle, single-phase, oil-insulated, water-cooled, 16,500/34,500-volt auto-transformers.
(3) Three 1,000-kv-a, do.
(4) Two 34,500-volt, three-phase, 60-cycle, 600-ampere, oil circuit breakers.
(5) Twelve 34,500-volt, 600-ampere, single-pole, single-throw, outdoor type, disconnecting switches.
(6) One 34,500-volt, 600-ampere, triple-pole, single-throw, gang-operated, air-break switch.
(7) Six 34,500-volt, single-phase, distribution-type, lightning arresters;
(8) Three 34,500-volt expulsion fuses.
(9) Two 16-500/115-volt, indoor-type, oil-insulated potential transformers.

All apparatus will be installed by the Government in the Boulder power plant, Boulder Canyon Project.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

CASPER-ALCOVA PROJECT, Wyoming.—Until October 20, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 841-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Casper, Wyoming, the following equipment:

(1) Two ¾-c.y. dragline excavators;
(2) One ½-c.y. dragline excavator;
(3) Two ¾-c.y. dragline buckets;
(4) Two ½-c.y. dragline buckets;
(5) Two ½-c.y. clam-shell buckets.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

OWYHEE PROJECT, Iregon-Idaho.—Until October 19, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 840-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Ontario, the following equipment:

(1) One 69-000-volt, three-phase lightning arrester;
(2) Three 69,000-volt expulsion-type fuses;
(3) One 69-000-volt, three-pole, single-throw, gang-operated, air-break switch;
(4) 2,300-volt switching equipment complete with circuit breakers and control apparatus.

All apparatus will be installed by the Government in the Dead Ox pumping plant, Owyhee Project, Oregon-Idaho.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

OGDEN RIVER PROJECT, Utah.—Until October 20, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 842-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Ogden, structural steel, galvanized steel, cables, and appurtenances for the suspension bridge across the Ogden River to support the Ogden Canyon siphon, and 31¼-inch inside diameter, welded, plate-steel pipe and appurtenances for the Ogden Canyon siphon on the South Ogden high line canal, Ogden River Project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective oona fide bidders; to others, $1.50, not returnable.

GRAND COULEE DAM, Wash.—Until November 2, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 701, for furnishing and delivering f.o.b. cars at the shipping point and/or Odair, Washington, twenty sets of gates and conduit linings, each set to consist of one 102-inch paradox gate, one 102-inch ring-follower gate, and one set of conduit linings for installation in the outlet works at the Grand Coulee Dam, Columbia Basin Project. The apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $3, not returnable.

ALL-AMERICAN CANAL.—Until October 20, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 844-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Potholes, California, valves, pipe, and appurtenances for seventy-two pedestals of revolving scrapers for the desilting works at the Imperial Dam, All-American Canal System, Boulder Canyon Project. The apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.75, not returnable.

BOULDER CITY, Nevada.—Until October 21, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 845-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, one 70-h.p. crawler tractor and one ½-c.y. truck-mounted power shovel convertible to a ½-c.y. clam-shell excavator, for use on construction work at the Boulder power plant, Boulder Canyon Project.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

ALL-AMERICAN CANAL.—Until October 22, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 846-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Potholes, California, nine 35-ft. 8-in. x 14-ft. 6-in. radial gates; twelve 16-ft. x 7-ft. radial gates, and fourteen 21-ft. x 17-ft. 6-in. radial gates for the Gila Valley canal headworks and for the sluiceway and the by-pass and influent channels at the Imperial Dam, All-American Canal System.

The radial gates will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide buyers; to others, $1.00, not returnable.

PARKER DAM, California-Arizona.—Until October 19, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 843-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Earp, California, the trash-rack metalwork for the Parker power plant, Parker Dam Project. The metalwork will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.75, not returnable.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Oct. 9, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1655, for furnishing 20 automobile short wave radio sets for the Police Department.

Specifications obtainable from the above office.

RECLAMATION BUREAU

SALT RIVER PROJECT, Arizona.—Until October 22, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 699, for furnishing and delivering f.o.b. cars at the shipping point and/or Mesa, Arizona, one 40-ft. x 44.5-ft. regulating gate, gate frame, metalwork for gate counterweight, and motor-driven gate hoist for installation in the auxiliary spillway at the Horse Mesa Dam, Salt River Project, Arizona.

The apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $3.00, not returnable.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Oct. 16 2 P. M., bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles, for furnishing 33 steel covers for syphon transitions, comp. with beams and bearing plates, in accordance with Spec. No. 174, copies of which may be obtained at the office of the Chief Engineer, Room 1007, 306 W 3rd St., Los Angeles, upon payment of $1.00 per set, not returnable. Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, general manager and chief engineer.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
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23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

LOW BIDDERS

ORANGE CO., Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at $66,575, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for construction of a reinforced concrete girder bridge on Ocean Avenue at Santa Ana River, consisting of thirteen 44 ft. 6 in. spans and two 16-ft. end cantilevers on concrete bents, and grading and surfacing approaches with plant-mixed surfacing, a length of about 0.5 mile.

Byerts & Dunn, Los Angeles, at $71,841, submitted second low bid.

Complete bids will be published shortly.

LOW BIDDER

LOS ANGELES CO., Calif.—John Strona, Pomona, at $108,890, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for construction of a reinforced concrete girder bridge across San Gabriel River, about three miles north of Santa Fe Springs, consisting of six 63-ft. spans and two 22-ft. cantilevers, and about 0.39 mile approach roadway grading and paving with Portland cement concrete and plant-mixed surfacing.

Complete bids will be published shortly.

CONTRACT AWARDED

SAN BENITO COUNTY, Cal.—J. J. Cordoza, Hollister, at $1,911.50 submitted low bid and awarded contract by the San Benito County Board of Supervisors, Hollister, for the construction of a 48-foot combination bridge with reinforced concrete abutments and with wings, over Tres Pinos Creek at Elkhorn.

G. C. Renz, at $2,244 submitted the only other bid.

A. M. McCray, county surveyor.

CONTRACT AWARDED

SACRAMENTO CO., Calif.—P. F. Bender, 1012 Del Paso Blvd., Sacramento, at $3,312.50, submitted low bid and awarded contract by the Sacramento County Board of Supervisors for widening three bridges and culverts on Rio Linda Blvd.

The work involves:
(1) 110 c.y. class A, 6-sack concrete;
(2) 5.5 c.y. class C, 9-sack concrete;
(3) 17,000 lbs. reinforcing steel;
(4) 200 c.y. excavation;
(5) Lump sum, demolition of old structure.

Total bids follow:
(A) P. F. Bender, Sacramento $3,312.50
(B) Carl R. Fiedler, Sacramento 3,597.50

Unit bids follow:

	(A)	(B)
(1)	$15.50	$15.00
(2)	35.00	45.00
(3)	.045	.05
(4)	1.50	2.00
(5)	350.00	450.00

September 29, 1936.

CONTRACT AWARDED

SACRAMENTO CO., Calif.—Lord & Bishop, Native Sons Bldg., Sacramento, at $3,773.96, submitted low bid and awarded contract by the Sacramento County Board of Supervisors, for the construction of a timber and concrete bridge on San Juan Road.

The work involves:
(1) 920 ft. piles;
(2) 2,800 bd. ft. bulkhead material;
(3) 1,344 bd. ft. caps;
(4) 10,283 bd. ft. scabs, stringers, bridge, etc.;
(5) 2,784 bd. ft. sub-flooring;
(6) 2,788 bd. ft. railing, posts, blocks, etc.;
(7) 29 c.y. deck concrete;
(8) 3,480 lbs. reinforcing steel;
(9) 50 c.y. backfill and excavation;
(10) Lump sum, removal of old structure.

Total bids follow:
(A) Lord & Bishop, Sacramento $3,773.96
(B) M. A. Jenkins, Sacramento 3,895.27

Unit bids follow:

	(A)	(B)
(1)	$ 1.50	$ 1.50
(2)	75.00	70.00
(3)	88.00	80.00
(4)	82.00	90.00
(5)	77.00	70.00
(6)	116.00	100.00
(7)	12.70	14.00
(8)	.055	.045
(9)	1.50	2.50
(10)	50.00	125.00

CONTRACT AWARDED

LOS ANGELES CO., Calif—Carlo Bongiovanni, 2561 Canyon Drive, Hollywood, at $65,843.10 awarded contract by the State Division af Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of a reinforced concrete girder bridge across Rio Hondo at Rosemead Ave., two miles west of El Monte, consisting of seven 48-ft. spans and two 39-ft. spans.

CONTRACT AWARDED

LOS ANGELES COUNTY.—John Strona, Philadelphia St., Pomona, at $108,890.75, awarded contract by the State Division of Highways, Sacramento, for the construction of a reinforced concrete girder bridge across San Gabriel River about three miles north of Santa Fe Springs, consisting of six 63-ft. spans and two 22-ft. cantilevers, and about 0.39 mile approach roadway grading and paving with portland cement concrete and plant-mixed surfacing.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

ORANGE CO., Calif.—J. F. Knapp, 1401 Park Ave. ,Oakland, at $66,575, awarded contract by the State Division of Highways, Sacramento, for constructing a reinforced concrete girder bridge on Ocean Ave. at Santa Ana River, consisting of thirteen 44-ft. 6-in. spans and two 16-ft. end cantilevers on concrete bents, and grading and surfacing approaches with plant-mixed surfacing, a length of about 0.5 mile.

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED

SACRAMENTO.—T. M. Morgan Paving Co., at $6,025, submitted low bid to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-48, for furnishing and operating one dragline excavator on bank grading and levee work at various places along the Sacramento River from near Colusa to the vicinity of Walnut Grove. Plant must have a 60-ft. boom, 1.5-c.y. capacity bucket, and 85-hp. engine.

Complete bids follow:
T. M. Morgan Paving Co.—(1) $7; (2) $7; (3) $7; (4) $250; total, $6,025.
Ajax Dredging Co.—(1) $8; (8) $8; (3) $8; (4) $200; total, $6,800.
Kuhn Bros., Inc., Manhattan Beach—(1) $8; (2) $5; (3) $8; (4) $800; total, $7,250.

Bids held under advisement. ?

BIDS WANTED

SAN FRANCISCO.—Until October 7, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Bid No. 4800, for driving piles for the Aquatic Park at the foot of Van Ness Ave. Estimated cost, $1,500

The contractor is to furnish and drive 20 wooden piles not less than 12-in. tip and approximately 40 ft. long, and to drive two 16x16-in.x40-ft. concrete piles furnished by the WPA

Plans and specifications obtainable fro mthe office of City Architect Chas. Sawyer, Room 265, upon deposit of $5.

BIDS WANTED

DOUGLAS CO., Oregon.—Until October 27, 3 p.m., bids will be received by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Bid No. 698-37-132, for repairing and extending the south jett at the mouth of the Umpqua River, Douglas County, requiring the construction and repair of tramways and the furnishing and placing of about 500,000 tons of stone and 9,200 tons of asphaltic concrete binder.

The work involves:
(1) 52,000 l.f. Douglas fir piling;
(2) 3,000 l.f. piling, cut-off, at 1/3 the price bid for piling in place;
(3) 420 MBM Douglas fir lumber;
(4) 9,000 lbs. drift bolts;
(5) 17,000 lbs. machine bolts, including washers;
(6) 12,000 lbs. spikes, ship and wire;
(7) 9,000 lbs. railroad spikes;
(8) 95 tons steel rails, 75-lb. relay, including splice bars and bolts;
(9) 2 sets, frogs and switches, complete, including guard rails, stands, etc.;

(10) 8,000 l.f. wire cable, not less than ⅝-in diam;
(11) 6,000 lbs. steel straps;
(12) 80 each, metal pile shoes;
(13) 500,000 tons stone, including 70,000 tons of maintenance stone;
(14) 9,200 tons asphaltic concrete, about 18% asphalt content by weight;
(15) Lump sum, removing accumulated sand and drift from land trackage and tramway;
(16) 25,000 l.f. of rail, removal and storage of steel rails, including splice bars, and switches, complete;
(17) Lump sum, removal and storage of track scale.

Plans and specifications obtainable from the above office and on file at the office of the DAILY PACIFIC BUILDER.

BIDS OPENED

SACRAMENTO, Calif.—Morrison-Knudsen Co., Box 1518, 318 Broadway, Boise, Idaho, at $8,217 submitted low bid to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-51, for the removal of earth from the Colusa Weir By-Pass to cut down the approach slope to the weir sill between the weir sill and the river.

The work is located about 1.5 miles northerly from Colusa on the easterly side of the Sacramento River, and the total quantity of excavation is approximately 83,000 cubic yards.

Complete bids follow:

Morrison-Knudsen Co., Boise....$8,217
D. McDonald, Sacramento 11,537
M. J. Ruddy and E. D. Murray, Modesto....13,902
A. Teichert & Son, Inc., Sacramento....14,110
Garcia Const. Co., Irvington....23,240

BIDS WANTED

SACRAMENTO.—Until October 6, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-69, for furnishing and operating one dragline excavator on bank grading and levee work at various places along the Sacramento River from near Colusa to the vicinity of Walnut Grove. Equipment shall have a 60-ft. boom, 1.5-c.y. capacity bucket, and 85-h.p. engine.

Bids will be taken as follows:
(1) Rate per hour for actual working time;
(2) Rate per hour for time dragline is idle while on the work;
(3) Rate per hour for moving dragline from one job to another;
(4) Cost of delivering dragline at Knights Landing and for removal therefrom by contractor upon termination of contract.

Specifications obtainable from the above office

BIDS WANTED

SACRAMENTO.—Until October 6, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-69, for furnishing and operating one dragline excavator on bank grading and levee work at various places along the Sacramento River from near Colusa to the vicinity of Walnut Grove. Equipment shall have a 60-ft. boom, 1.5-c.y. capacity bucket and 85-h.p. engine.

Bids will be taken as follows:
(1) Rate per hour for actual working time;
(2) Rate per hour for time dragline is idle while on the work;
(3) Rate per hour for moving dragline from one job to another;
(4) Cost of delivering dragline at Knights Landing and for removal therefrom by contractor upon termination of contract.

Specifications obtainable from the above office.

23— CANALS

CONTRACT AWARDED

ALL - AMERICAN CANAL—Geo. Pollock Co., Forum Bldg., Sacramento, at $121,925 awarded contract by the Bureau of Reclamation, Federal Bldg., Yuma, R. B. Williams, Construction Engineer, under Spec. No. 695, for the construction of earth lining on the All-American Canal, Station 606 plus 75 to Station 784 plus 75, All-American Canal System, Boulder Canyon Project.

The work is located from about 7 miles northeast to about four miles north of Yuma.

CONTRACT AWARDED

SALT RIVER PROJECT, Arizona.—Daley Corp., 4430 Boundary St., San Diego, at $82,935, awarded contract by the Bureau of Reclamation, E. S. Koppner, Engineer, Producer Bldg., Phoenix, for constructing a diversion dam for the power canal, Salt River Project. The work is located about 20 miles northwest of Globe, Arizona.

Complete bids published September 14th.

BIDS WANTED

RIVERSIDE CO., Calif.—Until October 30, 10 a.m., bids will be received by the Metropolitan Water District, 306 West Third St., Los Angeles, for constructing the Coxcomb Wasteway of the Colorado River Aqueduct, Specifications No. 175, copies of which may be obtained at the office of the engineer, room 1007, 306 West Third St., Los Angeles, upon payment of $2 per set, not returnable. The site of the work is on the line of the Colorado River Aqueduct, in Riverside County, about 14 miles northeast of Desert Center. The work to be contracted for comprises the construction of a reinforced concrete wasteway approximately 200 feet in length, together with transition sections, the installation of steel radial gates, and the backfilling of adjacent modified conduit. Each proposal must be accompanied by a certified or cashier's check for $1000. F. E. Weymouth, general manager and chief engineer.

24—STREET LIGHTING

BIDS OPENED

SAN FRANCISCO.—Abbett Electric Co., 126 Sears St., at $12,606, submitted low bid to the Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 13, for constructing a street lighting system in Beale Street, between Market and the Embarcadero, and installing conduit in Spear Street, between Howard and the Embarcadero, and in Steuart St., between Mission and the Embarcadero.

The work involves:
(1) 29 electroliers, complete with auto-transformers;
(2) 13,700 ft. 1½-in. conduit
(3) 9,500 ft. primary cable
(4) 2 pull boxes.

Complete bids follow

Abbett Electric Co....$12,606.00
H. C. Reid & Co.... 13,075.00
Geo. F. Brayer.... 14,000.00

CONTRACT AWARDED

SAN FRANCISCO.—Abbett Electric Co., 126 Sears St., at $12,606, awarded contract by the Public Utilities Commission City Hall, under Electric Power Bureau Contract No. 13 for constructing a street lighting system in Beale Street, between Market and the Embarcadero, and installing conduit in Spear St., between Howard and the Embarcadero, and in Steuart St., between Mission and the Embarcadero.

CONTRACT AWARDED

SAN FRANCISCO—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., at $14,392, awarded contract by the Public Utilities Commission, City Hall, under Municipal Railway Contract No. 173, for moving and resetting concrete trolley poles, lengthening spans, adjusting trolley wires, adapting manholes and painting poles on Van Ness Ave., from Market Street to North Point Street.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

OAKLAND, Alameda Co., Cal.—Incandescent Supply Co. at $1,537 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L. S. 181, for furnishing an electric switchboard for the Upper San Leandro booster plant.

BIDS OPENED

SACRAMENTO.—A. F. Johnston, 2422 4th Ave., Sacramento, at $540, submitted low bid to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 37-66, for the rental of a barge of not less than 22-ft. beam and 70-ft. length and not less than 4 ft. nor more than 7 ft. in depth, for 90 days.

The other bids were:
P. B. Hackley Equipt. Co., S. F.....$750
Freighters, Inc., Stockton.....$1,350

BIDS OPENED

MARIN & SONOMA COS., Calif.—Robinson & Rulofson, 434 Piper St., Healdsburg, at $4.45 per hour, submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for the rental of one ½-c.y. power shovel, for approximately 800 hours, to be used in Marin and Sonoma Counties.

Complete bids follow:
Robinson & Rulofson, Healdsburg—$4.45.
Rock & Gravel Trucking Co., Oakland—$5.60.
P. Sutson, San Francisco—$6.75.

26— RAILROADS

BIDS RETURNED UNOPENED.

SAN FRANCISCO — The public Utilities Commission, City Hall, returned unopened all bids received under Municipal Railway Contract No. 165 for the reconstruction of the Market Street tracks between Geary and Sutter Streets. The work has been indefinitely postponed. 26

27—FIRE ALARM SYSTEM

BIDS WANTED

SACRAMENTO, Sacramento Co., Calif.—Until October 22, 8:15 p.m., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing all equipment and electric wiring for the city's new fire and police alarm system. Cost of the equipment is estimated at $210,000.

The complete project, estimated to cost $258,230, will consist of the construction of a fire alarm central office.

Work will consist of the construction of a fire alarm central office building with Class A equipment. Installation is designed for ultimate capacity of 40 box circuits, 4 primary and 4 secondary alarm circuits, so planned that additional units

may be conveniently added from time to time. Complete aerial and underground circuit construction will be installed.

The building will be let under a separate contract at a later date. The PWA recently approved a grant of $120,703 for the project.

Fred J. Klaus, City Engineer. * 27

28— FIRE EQUIPMENT

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal. —American La France & Foamite Corp., 40 9th St., at $13,925 submitted low bid and awarded contract by the San Jose City Council for furnishing a gasoline motor-driven combined pumping engine and hose wagon. The pumping capacity shall be not less than 1,000 gals. of water per minute at 120 lbs. pump pressure; equipped to carry at least 1,000 feet of 2½-inch double-jacketed hose, all equipment, etc. * 3

29— STREETS AND HIGHWAYS

LOW BIDDERS

MARICOPA COUNTY, Ariz.—Arizona Sand & Rock Co., Box 1522, Phoenix, at $38,880 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on Phoenix-Yuma Highway, FA 30-E (1937); AFE 8008. The work, which is located in Phoenix on 17th Ave. bet. Jefferson St. and Van Buren St, and on Van Buren Street between 17th and 15th Avenues, consists of widening and resurfacing the existing pavement with asphaltic concrete, constructing concrete pipe and curb and gutter, and other incidental work, and is to be completed on or before Feb. 28, 1937.

The principal items are:

4300 sq. yds. grading under pave.;
1460 tons asph. conc. base course;
1275 tons asph. conc. top course;
350 tons asph. surface finish;
460 sq. yds. 6-in. concrete pave.;
530 sq. yds. pave. cut and replaced;
1200 tons agg. base course (CIP);
3550 l.f. comb. curb and gutter;
308 l.f. 12-in. plain concrete pipe;
1671 l.f. 24-in. reinf. concrete pipe;
325 l.f. 27-in. do;
807 l.f. 30-in. do;
1050 sq. yds. removal of pavement;
3300 l.f. removal of comb. curb and gutter.

W. E. Hall Co., Alhambra, submitted the second low bid at $39,483

CONTRACT AWARDED

LOS ANGELES, Calif.—Southwest Paving Co., 11,402 Radford St., Roscoe, at $336,375.80 awarded contract by the Los Angeles Board of Public Works for improvement of Highland Ave. between Cahuenga and Santa Monica Blvd., a PWA project.

BIDS OPENED

SAN FRANCISCO.—M. J. Lynch, Oakdale and Barnevald Avenues, at $12,462.50, submitted the only bid received by the Public Utilities Commission, City Hall, under W. D. Contract No. 113, for roadway and fencing and landscaping for the Pulgas Butfall weir.

The work involves:

(1) 165 c.y. excav. and backfill;
(2) 20 c.y. concrete work;
(3) 1,600 lbs. furnishing and placing reinforcing bars;
(4) Lump sum, constructing ornamental fountain and pool;
(5) 30,000 sq. ft. paving drives and parking areas;
(6) 2,500 sq. ft. furnishing and placing gravel surfacing for foot walks;
(7) 30 c.y. rubble masonry;
(8) 1,300 l.f. constructing field stone borders;
(9) 475 l.f. furnishing and installing steel line posts and 6-strand barbed-wire fence;
(10) 15 each, furnish and install corner posts, end posts and gate posts for fence;
(11) Furnish and install one 1/5 swing walk gate;
(12) 300 l.f. remove and reconstruct existing steel post, 6-strand barbed-wire fence;
(13) 105 lin. ft. furnish and erect wrought-iron fence;
(14) Lump sum, construct timber footbridge;
(15) 3,050 lbs. furnish and install wrought-iron pipe and fittings;
(16) Lump sum, furnish and install 120 GMP pump and gasoline engine;
(17) Lump sum, furnish and install brass weir plate;
(18) Lump sum, furnish and install granite monument and bronze plaque.

Unit bids follow:

(1)	$ 2.00	(10)	$ 6.00
(2)	30.00	(11)	25.00
(3)	.05	(12)	.30
(4)	2000.00	(13)	6.00
(5)	.13	(14)	200.00
(6)	.10	(15)	.30
(7)	20.00	(16)	250.00
(8)	.50	(17)	180.00
(9)	.30	(18)	900.00

BIDS OPENED

SAN FRANCISCO.—A. G. Raisch, 1 DeHaro St., at $4,812.60 submitted the low bid to the Department of Public Works, City Hall, under Spec. No. 18,977 for the improvement of the easterly one-half of Parker Ave. between Euclid Ave. and Geary Blvd.

The work involves:

(1) 450 l.f. stone curb reset;
(2) 24 l.f. armored concrete curb;
(3) 2 street and traffic signs reset;
(4) 1 brick catchbasin, complete;
(5) 9,500 sq. ft. two-course concrete sidewalk;
(6) 9,100 sq. ft. 6-in. class F concrete pavement base;
(7) 27 tons asphaltic concrete base and levelling course;
(8) 205 tons asphaltic concrete wearing surface;
(9) 22 sidesewer traps set back.

Total bids follow:

(A) A. G. Raisch $4,812.60
(B) Fay Improvement Co. 4,920.15
(C) M. J. Lynch 4,936.50
(D) Mills Const. Co. 5,859.50
(E) Chas. L. Harney 5,879.00

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$0.60	$ 0.40	$0.40	$0.40	$0.40
(2)	.90	.85	1.00	1.00	1.00
(3)	3.00	3.00	3.00	15.00	5.00
(4)	80.00	107.50	85.00	100.00	100.00
(5)	.13	.15	.13	.17	.13
(6)	.20	.19	.20	.25	.30
(7)	5.00	5.50	4.50	8.50	5.00
(8)	5.00	4.75	5.00	6.00	5.00
(9)	10.00	15.00	20.00	10.00	20.00

COMPLETE BID LISTING

KERN CO., Calif.—John Jurkovich, 3530 Balch Ave., Fresno, at $13,066 as previously reported, submitted low bid to the State Division of Highways, R. M. Gillis, District Engineer, State Highway Bldg., Fresno, for about 0.9 mile grading and surfacing with crusher-run base and road-mix surfacing in Kern County, on Rehfield cropping one mile east of Rosedale.

The work involves:

(1) 350 M. gals. water;
(2) 40 c.y. roadway excav., unclass.;
(3) 100 c.y. ditch excav.;
(4) 200 c.y. struct. excav.;
(5) 5,200 c.y. imported borrow;
(6) 25 c.y. removing exist. conc.;
(7) 12 stations finishing roadway;
(8) 300 tons crusher-run base;
(9) 410 tons mineral aggregate (road-mix surfacing);
(10) 20 tons liq. asphalt, ROMC-3 (road-mix surfacing);
(11) 6 tons liq. asphalt, SC-2 (prime coat);
(12) 2,600 sq. yds. preparing, mixing and shaping shoulders;
(13) 22 tons liq. asphalt, SC-2 (road-mix surface treatment);
(14) 2,700 lbs. bar reinf. steel (structures);
(15) 30 c.y. Class A portland cement concrete (structures);
(16) 60 l.f. 18-in. CMP;
(17) 154 l.f. 48-in. CMP;
(18) 20 l.f. laminated guard railing;
(19) 4 each culvert markers;
(20) 41 each, guide posts;
(21) 500 sq. yds. asphaltic paint binder.

NOTE: The state will furnish corrugated metal pipe and band couplers which will be delivered to the contractor at Bakersfield.

Total bids follow:

(A) John Jurkovich, Fresno $13,066
(B) Griffith Co., Los Angeles 13,361

Unit bids follow:

	(A)	(B)
(1)	$2.00	$3.50
(2)	1.00	1.00
(3)	2.00	2.00
(4)	3.00	2.00
(5)	.80	.95
(6)	4.00	3.00
(7)	10.00	6.00
(8)	3.00	3.00
(9)	4.00	3.30
(10)	20.00	18.00
(11)	16.00	10.00
(12)	.20	.13
(13)	16.00	10.00
(14)	.10	.09
(15)	30.00	30.00
(16)	1.00	1.00
(17)	2.00	1.50
(18)	3.00	4.00
(19)	2.00	4.00
(20)	2.00	3.00
(21)	.10	.05

BIDS WANTED

SAN ANSELMO, Marin Co., Calif. —Until October 13, 8 p.m., bids will be received by the San Anselmo Town Council, Town Hall, for preparing and paving with asphalt concrete about 0.8 mile macadam shoulders and repaving present pavement with asphalt concrete in San Anselmo, on Sir Francis Drake Blvd., between Redhill Ave. and Northwest Municipal Limits.

Plans and specifications obtainable from the above office.

Al H. Siemer, Town Engineer

BIDS WANTED

LOS ANGELES CO., Calif.—Until October 22, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.3 mile grading and paving with Portland cement concrete in Los Angeles County at the junction of Whittier and San Gabriel Boulevards.

The work involves:

(1) 18 sta. clearing and grubbing;
(2) 175 M. gals. water;
(3) 375 c.y. removing and disposing of existing concrete;
(4) 4,100 c.y. roadway excav., unclass.;
(5) 110 c.y. struct. excav.;
(6) 300 c.y. drainage sump excav.;
(7) 550 c.y. sand backfill (drainage sump);
(8) 2,900 sta. yds. overhaul;
(9) 7 tons grade "E" asphaltic cement subgrade membrane (seal coat);
(10) 7,200 sq. yds. subgrade preparation;
(11) 18 sta. finishing roadway;
(12) 420 tons mineral aggregate (plant-mixed surfacing);
(13) 23 tons liq. asphalt, MC-4 or MC-5 (plant-mixed surf.);
(14) 3 tons liq. asphalt, MC-1 (prime coat);

(15) 4,000 sq. yds. preparing, mixing and shaping shoulders;
(16) 5 tons liq. asphalt, SC-2 (prime coat);
(17) 50 tons liq. asphalt, SC-2 (shoulders);
(18) 1,435 c.y. class A portland cement concrete;
(19) 2 each, type "A-20" two-lane pavement crossing devices;
(20) 2,900 each, pavement dowels;
(21) 9,000 lbs. bar reinf. steel (pavement and struc.);
(22) 30 c.y. class A portland cement concrete;
(23) 3,900 lbs. misc. iron and steel (structures);
(24) 360 c.y. class A portland cement concrete (curbs, gutters, and sidewalks);
(25) 125 l.f. curb armor;
(26) 16 l.f. laminated guard railing.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

SAN MATEO COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $64,869.80 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.3 miles grading and surfacing with crusher-run base and bituminous macadam surfacing in San Mateo County between Menlo Country Club and Woodside.

CONTRACT AWARDED

FRESNO COUNTY, Calif.—Union Paving Co., 624 Call Bldg., San Francisco, at $196,576 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 3.9 miles grading and paving with asphalt concrete and portland cement concrete in Fresno County, between Biola Junction and Herndon.

CONTRACT AWARDED

MERCED CO., Calif.—Louis Biasotti and Son and Claude C. Wood, 669 Bedford Road, Stockton, at $222,557.50, awarded contract by the State Division of Highways, Sacramento, for about 10.5 miles grading and surfacing with plant-mixed surfacing on crusher-run base in Merced County, between Los Banos and 10.5 miles easterly.

BIDS WANTED

SAN DIEGO CO., Calif.—Until October 22, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.1 miles grading and paving with asphalt concrete and plant-mixed surfacing on Main Street in San Diego, between Division Street and 32nd Street.

The work involves:
(1) 1,000 M. gals. water;
(2) 6,600 c.y. roadway excav., uncl.;
(3) 42,300 sta. yds. overhaul;
(4) 33,600 c.y. imported borrow;
(5) 1,825 c.y. structure excav.;
(6) 1,150 c.y. removing and disposing of existing pavement, curbs, sidewalks, and struc. (conc.);
(7) 19,000 sq. yds. subgrade for pavement;
(8) 1,555 tons mineral aggregate (plant-mixed surfacing);
(9) 85 tons liq. asphalt, MC-5 or MC-extra heavy (plant-mixed surfacing);
(10) 8 tons liq. asphalt, MC-2 (prime coat);
(11) 65 tons liq. asphalt, SC-2 (detours);
(12) 6,550 sq. yds. asphaltic paint binder;
(13) 6,100 tons asphalt conc. (base and leveling courses);

ORANGE CO.—SANTA ANA RIVER BRIDGE—STATE

ORANGE COUNTY, Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at $66,575, as previously reported, submitted low bid to State Division of Highways, C. H. Purcell State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete girder bridge on Ocean Ave. at Santa Ana River, consisting of thriteen 44 ft. 6 in. spans and two 16 ft. end cantilevers on concrete bents, and grading and surfacing approaches with plant mixed surfacing, a length of about 0.5 mile.

The work involves:
(1) 25 sta. clear and grub right-of-way;
(2) 130 M. gals. water;
(3) 400 cu. yds. roadway excavation unclass.;
(4) 2700 cu. yds. imported borrow;
(5) 25 sta. finishing roadway;
(6) 1200 tons mineral aggregate plant mix surface);
(7) 63 tons liquid asphalt MC-4 or MC-5 (plant mix surface);
(8) 7 tons liq. asphalt MC-2 (prime coat);
(9) 1365 cu. yds. Class A Portland cement concrete (structs.);
(10) 67 cu. yds. Class A Portland cement concrete (railing);
(11) 312,000 lbs. bar reinf. steel;
(12) 5070 lin ft. furnishing reinforced concrete piles, inc. test piles
(13) 126 each drive reinf. concrete piles, including test piles;
(14) 76 each guide posts;
(15) 1 lot miscellaneous items of work.

Total bids follow:
(A) J. F. Knapp, Oakland, $66,575.
(B) Byerts & Dunn, Los Angeles, $71,841.00.
(C) Donald Atkinson, San Francisco, $72,242.
(D) R. R. Bishop, Long Beach, $74,950.50.
(E) Griffith Co., Los Angeles, $76,818.00.
(F) Bates & Rogers Const. Co., San Francisco, $78,812.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 10.00	$ 25.00	$100.00	$ 44.00	$ 70.00	$15.00
(2)	1.50	3.00	1.50	3.00	3.00	1.30
(3)	.60	1.00	.40	1.00	.60	.80
(4)	.60	1.00	.60	.60	.60	1.15
(5)	10.00	10.00	6.00	5.00	4.00	40.00
(6)	4.00	3.00	3.00	4.10	2.60	2.50
(7)	20.00	15.00	20.00	16.00	20.00	16.50
(8)	25.00	25.00	25.00	20.00	25.00	22.00
(9)	19.00	20.00	24.00	22.00	20.00	25.00
(10)	60.00	40.00	50.00	50.00	41.00	45.00
(11)	.04	.04	.045	.038	.04	.0385
(12)	2.00	1.50	1.50	1.75	3.00	2.55
(13)	20.00	75.00	35.00	60.00	44.00	52.00
(14)	2.50	1.00	2.00	1.50	2.00	2.00
(15)	2500.00	3165.00	300.00	3430.00	2000.00	850.00

SAN DIEGO CO.—2.8 Mi. GRADE & SURFACE—STATE

SAN DIEGO COUNTY, Calif.—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at $32,921.10, as previously reported, submitted low bid to the State Division of Highways, Engineer, State Bldg., Los Angeles, for about 2.8 miles grading and applying road-mix surface treatment in San Diego County, between 2.5 miles east of Rincon and Rancho Cuca.

The work involves:
(1) Clear and grub right of way;
(2) 38,500 c.y. roadway excav., unclassified;
(3) 23,500 sta. yds. overhaul;
(4) 1,200 c.y. struct. excav.;
(5) 148 sta. finishing roadway;
(6) 210 tons liq. asphalt, SC-2;
(7) 34,000 sq. yds. preparing, mixing and shaping roadbed;
(8) 1,300 lbs. bar reinf. steel (struc-
(9) 53 c.y. Class A Portland cement concrete (structs.);
(10) 812 lin. ft. 18-in. CMP;
(11) 58 lin. ft. 24-in. CMP;
(12) 48 lin. ft. 36-in. CMP;
(13) 132 lin. ft. 60-in. CMP;
(14) 380 lin. ft. clean and relay exist. CMP culverts;
(15) 2.25 miles exist property fences moved and reset;
(16) 110 each monuments complete in place.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Total bids follow:
(A) R. E. Hazard & Sons, San Diego, $32,921.10.
(B) A. S. Vinnell Co., Los Angeles, $33,271.50.
(C) V. R. Dennis Const. Co., San Diego, $34,533.80.
(D) Martin Bros. Trucking Co., Long Beach, $40,049.80.
(E) C. F. Robbins, Los Angeles, $41-338.60.
(F) Basich Bros., Torrance, $42,644.
(G) B. G. Carroll, San Diego, $42,909.
(H) Miracle Co., San Diego, $47,816.06
(I) Dimmitt & Taylor, Los Angeles, $59,671.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$1500.000	$2000.00	$2700.00	$1200.00	$3000.00	$3000.00
(2)	.52	.47	.50	.70	.55	.60
(3)	.02	.01	.01	.01	.01	.02
(4)	1.50	1.50	.90	1.25	2.00	2.00
(5)	7.50	10.00	10.00	7.00	10.00	20.00
(6)	9.50	13.00	15.00	11.00	15.00	12.00
(7)	.06	.06	.08	.07	.15	.10
(8)	.05	.10	.08	.07	.05	.05
(9)	25.00	40.00	30.00	28.00	25.00	35.00
(10)	.80	.60	.60	.90	.80	1.00
(11)	1.00	.60	.70	1.00	1.00	1.00
(12)	2.00	.85	1.00	1.25	2.00	1.25
(13)	2.50	1.40	2.00	2.50	5.00	1.50
(14)	1.50	1.30	1.00	1.50	1.00	1.00
(15)	250.00	500.00	300.00	300.00	500.00	400.00
(16)	3.00	2.50	3.00	4.00	4.00	4.00

	(G)	(H)	(I)		(G)	(H)	(I)
(1)	$2500.00	$1150.00	$4500.00	(9)	$ 30.00	$ 30.00	$ 25.00
(2)	.68	.76	1.00	(10)	.50	1.00	.70
(3)	.01	.01	.03	(11)	.50	1.50	.90
(4)	2.00	2.50	2.75	(12)	.50	2.00	1.30
(5)	12.00	6.00	15.00	(13)	2.00	5.00	2.10
(6)	12.00	14.00	14.00	(14)	1.50	3.00	1.20
(7)	.08	.15	.08	(15)	500.00	200.00	420.00
(8)	.10	.06	.10	(16)	4.00	3.00	4.00

(14) 2,980 tons asphalt conc. (Type "A" surface);
(15) 24,000 lbs. bar reinf. steel (structures);
(16) 1,000 lbs. structural metal (deadman rods);
(17) 191 c.y. class A portland cement concrete (structures);
(18) 840 c.y. class A portland cement concrete (curbs and gutters);
(19) 3 c.y. class B portland cement concrete (deadmen);
(20) 510 l.f. furnishing treated Douglas fir piles;
(21) 17 each, driving piles;
(22) 4 MFBM Redwood timber, select, all-heart, struct. grade;
(23) 332 l.f. 18-in. std. reinforced concrete pipe;
(24) 132 l. f. 24-in. std. reinforced concrete pipe;
(25) 398 l.f. 33-in. std. reinforced concrete pipe;
(26) 345 l.f. removing, cleaning, and salvaging existing culvert pipe;
(27) 10 each, steel frames and gratings for catch basins and curb inlets;
(28) 180 l.f. removing and resetting existing timber guard railing;
(29) 1,420 l.f. removing and salvaging existing timber guard railing.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Diego.

BIDS WANTED

ELKO CO., Nevada.—Until March 16, 1937, 2 p.m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for grading 3.480 miles of Section A of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko Co., Nevada.

The principal items of work involved are:
(1) 111,000 c.y. unclass. excav;
(2) 2,700 c.y. do. for borrow;
(3) 1,850 c.y. do. for structures;
(4) 302,500 sta. yds. overhaul;
(5) 465 c.y. foundation fill;
(6) 21 c.y. concrete;
(7) One spillway inlet;
(8) 580 lbs. reinf. steel;
(9) 1,292 l. f. CMP (8-in. to 42-in.), in place;
(10) 200 l.f. corrugated galvanized multi-plate metal pipe, 105-in. and 120-in., in place;
(11) 340 c.y. hand laid riprap;
(12) 100 c.y. hand laid rock embankment;
(13) 28 each, right-of-way monuments.

Mr. C. F. Gleim will be at the Commercial Hotel, Elko, during the period from October 17 to 30, inclusive, and will conduct parties of interested contractors over the project. The project should be inspected prior to November 15, as the roads may be closed by snow after that date.

Plans and specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

SANTA BARBARA CO., Calif.—L. A. Brisco, Arroyo Grande, at $4,940, awarded contract by the State Division of Highways, Sacramento, for removing and disposing of trees on about 1.4 miles in Santa Barbara County, between Puente Drive and Maria Ignacio Creek.

CONTRACT AWARDED

VENTURA CO., Calif.—Dimmitt & Taylor, 815 E. 59th St., Los Angeles, at $11,447.60, awarded contract by the State Division of Highways, Sacramento, for about 0.3 mile grading and surfacing with plant-mixed surfacing in Ventura County, at Teague-McKevett Crossing, about one-half mile east of Santa Paula.

LOS ANGELES CO.—San Gabriel River Bridge—State

LOS ANGELES COUNTY, Cal.—John Strona, Philadelphia St., Pomona, at $108,890.75, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder bridge across San Gabriel River about three miles north of Santa Fe Springs, consisting of six 63-ft. spans and two 22-ft. cantilevers, and about 0.39 mile approach roadway grading and paving with Portland cement concrete and plant-mixed surfacing.

The work involves:
(1) 25 sta. clear and grub right of way;
(2) 1,100 M. gals. water;
(3) 1,200 cu. yds. roadway excav, unclassified;
(4) 1,000 cu. yds. struct. excav.;
(5) 45,000 cu. yds. imported borrow;
(6) 350 sta. yds. overhaul;
(7) 1,550 tons imported subgrade material;
(8) 490 cu. yds. conc. pave. remove and dispose of;
(9) 5,800 cu. yds. refuse mud removed and disposed of;
(10) 4,600 sq. yds. preparing subgrade;
(11) 21 sta. finishing roadway;
(12) 785 tons mineral aggregate (plant-mix surf.);
(13) 6 tons liq. asphalt, MC-2 (prime coat);
(14) 42 tons liq. asphalt, MC-4 or MC-5 (plant-mix surf.);
(15) 45 tons liq. asphalt, SC-2 (road-mix. surf treatment);
(16) 4 tons liq. asphalt, SC-2 (prime coat);
(17) 3,700 sq. yds. preparing, mixing and shaping shoulders;
(18) 915 cu. yds. Class A Portland cement concrete (pave.);
(19) 1,900 each pave. dowels;
(20) 1,985 cu. yds. Class A Portland cement concrete (structs.);
(21) 42 cu. yds. Class A Portland cement concrete (railing);
(22) 408,500 lbs. bar reinf. steel (pave and structure);
(23) 4,375 lin. ft. conc. piles, cast in place;
(24) 50 each timber guide posts;
(25) 1 only exist. bridge remove and dispose of;
(26) 1 lot misc. items of work.

Total bids follow:
(A) John Strona, Pomona, $108,890.70
(B) T. A. Allen Const. Co., Los Angeles, $112,475.00.
(C) J. E. Haddock, Ltd., Pasadena, $117,325.00.
(D) J. F. Knapp, Oakland, $119,882.50
(E) P. W. Thurston, Los Angeles, $156,394.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 5.50	$ 14.00	$ 25.00	$ 15.00	$ 6.00
(2)	1.00	.50	1.00	1.50	3.00
(3)	.40	.40	.29	.50	.75
(4)	1.70	6.70	1.00	1.50	4.50
(5)	.40	.30	.29	.50	.80
(6)	.02	.10	.02	.10	.15
(7)	.80	1.25	1.75	1.00	1.45
(8)	1.10	1.35	1.00	2.50	4.00
(9)	.45	.20	.50	.50	.60
(10)	.12	.16	.12	.15	.12
(11)	10.00	14.00	10.00	10.00	10.00
(12)	3.00	2.70	3.00	4.00	3.50
(13)	20.00	20.00	25.00	25.00	25.00
(14)	12.00	15.00	13.00	20.00	15.00
(15)	12.00	10.00	8.00	20.00	18.00
(16)	12.00	18.00	25.00	20.00	18.00
(17)	.10	.10	.12	.15	.25
(18)	9.00	7.00	9.00	10.00	12.00
(19)	.10	.06	.12	.20	.15
(20)	18.00	16.80	23.00	18.00	24.50
(21)	50.00	50.00	50.00	60.00	50.00
(22)	.0395	.055	.045	.04	.0475
(23)	2.50	3.28	2.32	2.50	2.55
(24)	1.00	3.00	2.50	2.50	3.00
(25)	3000.00	2750.00	3000.00	2500.00	3000.00
(26)	2000.00	625.00	2500.00	3300.00	2000.00

SOLANO COUNTY — 2.5 MI. GRADE & PAVE.—(State)

SOLANO COUNTY, Calif. — Frederickson & Westbrook, P. O. Box 138, Lower Lake, at $114,341.45 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.5 miles grading and paving with Portland cement concrete in Solano County between one mile west of Vacaville and 0.7 mile east of Vacaville.

The work involves:
(1) 132 sta. clear and grub right of way;
(2) 5 each shade trees moved and reset;
(3) 1,800 M. gals. water;
(4) 81,100 cu. yds. roadway excavation unclass.;
(5) 150 cu. yds. ditch and channel excavation;
(6) 1,800,000 sta. yds. overhaul;
(7) 1,370 cu. yds. struc. excav.;
(8) 125 cu. yds. exist. conc. remove and dispose of;
(9) 28 cu. yds. salvage surf. base;
(10) 28,500 sq. yds. subgrade for pave.;
(11) 132 sta. finishing rdwy.;
(12) 90 tons liquid asphalt SC-1a (roadbed seal);
(13) 145 tons asphaltic cement grade E (roadbed seal);
(14) 500 tons untreated crushed gravel or stone;
(15) 850 tons mineral aggregate (plant mix surf);
(16) 43 tons liquid asphalt ROMC-4 or ROMC-5 (plant mix surf);
(17) 6 tons liquid asphalt MC-2 (prime coat);
(18) 5 tons liquid asphalt MC-3 (seal coat);
(19) 39 tons screenings (seal coat);
(20) 82 tons liquid asphalt SC-2 (penetration oil treat.);
(21) 64 tons liquid asphalt ROMC-3 or ROMC-4 (road mix surf treat.);
(22) 7,700 sq. yds. preparing, mixing and shaping shoulders and roadbed;
(23) 59,500 lbs. bar reinf. steel (pave and strucs.);
(24) 215 cu. yds. Class "A" Portland cement conc. (strucs.);
(25) 7 cu. yds. Class "A" Portland cement conc. (railing);

(26) 930 lin. ft. furnishing conc. piles, including test piles;
(27) 26 each drive conc. piles, including test piles;
(28) 5,520 cu. yds. Class "B" Portland cement conc. (pave.);
(29) 11,500 each pave. dowels;
(30) 3,200 each pave. tie bolt assemblies;
(31) 7 each type A-10 single traffic lane pave. crossing devices;
(32) 16 each type B-10 single traffic lane pave. crossing devices;
(33) 236 lin. ft. 8-in. C.M.P.;
(34) 220 lin. ft. 12-in. C.M.P.;
(35) 682 lin. ft. 18-in. C.M.P.;
(36) 170 lin. ft. 18-in. C.M.P. (siphon);
(37) 152 lin. ft. 24-in. C.M.P.;
(38) 196 lin. ft. 24-in. C.M.P. (siphon);
(39) 82 lin. ft. 36-in. C.M.P.;
(40) 56 lin. ft. 54-in. C.M.P.;
(41) 5 each 8-in. spillway assemblies;
(42) 1 each 12-in. spillway assembly;
(43) 6 each 18-in. conc. joints (pipe siphons);
(44) 8 each 24-in. conc. joints (pipe siphons);
(45) 716 lin. ft. 8-in. perf. metal pipe (underdrains);
(46) 366 lin. ft. 12-in. perf. metal pipe (underdrains);
(47) 200 cu. yds. rock filling material (underdrains);
(48) 2 each 18-in. automatic drainage gates;
(49) 2 each cast steel frames and covers for drop inlets;
(50) 28 each culvert markers;
(51) 1.45 miles new property fence;
(52) 0.08 mile exist. fences moved and reset;
(53) 9 each drive gates;
(54) 43 each monuments complete in place;
(55) 2 each clearance markers.

Total bids follow:
(A) Fredericksen & Westbrook, Lower, Lake, $114,341.45.
(B) Union Paving Co., San Francisco $123,676.40.
(C) A. Teichert & Son, Inc., Sacramento, $130,071.50.
(D) N. M. Ball Sons & Larsen Bros., Berkeley, $134,641.10.
(E) D. McDonald, Sacramento, $134,763.30.
(F) Wood & Bevanda, Stockton, $144-266.25
(G) Hanrahan Company, San Francisco, $146,354.30.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 30.00	$35.00	$15.00	$40.00	$10.00	$25.00	$40.00
(2)	75.00	50.00	75.00	150.00	100.00	50.00	200.00
(3)	.75	.60	1.00	1.00	1.50	1.25	1.40
(4)	.25	.27	.24	.27	.26	.30	.37
(5)	.90	1.00	.90	1.00	1.00	1.00	.90
(6)	.004	.003	.005	.006	.01	.01	.003
(7)	.90	1.50	1.00	1.10	1.50	1.35	1.10
(8)	4.00	5.00	4.00	4.00	3.00	3.00	3.00
(9)	2.00	1.50	3.25	3.00	5.00	1.00	1.50
(10)	.07	.08	.10	.10	.10	.10	.09
(11)	5.00	5.00	5.00	5.00	10.00	10.00	10.00
(12)	12.00	13.00	11.50	14.00	13.00	15.00	12.50
(13)	18.00	20.00	19.50	18.00	20.00	20.00	20.00
(14)	2.50	2.60	2.30	3.00	3.00	3.00	2.70
(15)	4.00	4.00	4.25	4.00	3.50	3.50	4.50
(16)	19.00	23.00	19.50	20.00	25.00	22.00	21.00
(17)	25.00	25.00	30.00	30.00	30.00	22.00	29.00
(18)	25.00	25.00	30.00	40.00	30.00	22.00	29.00
(19)	3.50	4.00	4.00	3.00	4.00	4.00	2.70
(20)	12.50	13.00	13.50	14.00	18.00	14.00	14.00
(21)	18.00	20.00	20.00	20.00	25.00	22.00	21.00
(22)	.06	.07	.10	.10	.10	.08	.07
(23)	.055	.06	.06	.055	.06	.055	.06
(24)	22.00	25.00	22.50	27.00	24.00	25.00	26.00
(25)	50.00	60.00	55.00	60.00	50.00	65.00	58.00
(26)	2.00	2.50	2.00	3.00	2.50	3.50	4.00
(27)	50.00	50.00	40.00	60.00	80.00	20.00	75.00
(28)	7.50	8.35	10.00	8.70	8.00	9.00	10.00
(29)	.18	.20	.16	.17	.15	.20	.20
(30)	.45	.40	.40	.50	.40	.15	.50
(31)	35.00	50.00	75.00	75.00	100.00	100.00	45.00
(32)	30.00	30.00	50.00	75.00	80.00	100.00	30.00
(33)	1.00	1.10	1.00	1.00	1.10	1.50	1.20
(34)	1.20	1.50	1.30	1.30	1.35	2.00	1.50
(35)	1.70	2.00	1.85	2.00	1.90	2.50	1.75
(36)	2.10	2.20	2.00	2.50	2.00	2.50	2.00
(37)	2.50	3.00	2.75	2.50	2.60	3.50	2.70
(38)	3.25	3.20	3.00	3.00	2.70	3.50	3.00
(39)	5.00	4.50	5.00	4.50	4.50	6.00	5.30
(40)	9.00	10.00	9.00	9.00	7.00	12.50	9.00
(41)	15.50	20.00	15.00	15.00	15.00	15.00	15.00
(42)	19.00	25.00	20.00	20.00	25.00	17.50	20.00
(43)	7.00	12.00	11.00	12.00	25.00	5.00	10.00
(44)	8.00	15.00	14.00	15.00	30.00	6.50	12.00
(45)	1.00	1.10	1.00	1.20	1.00	1.00	1.00
(46)	1.30	1.50	1.30	1.40	1.25	1.50	1.30
(47)	2.50	3.00	3.00	3.00	3.00	3.00	3.00
(48)	30.00	25.00	20.00	30.00	50.00	20.00	25.00
(49)	32.00	50.00	40.00	50.00	50.00	40.00	40.00
(50)	2.25	3.00	3.00	3.00	2.50	1.50	2.00
(51)	600.00	600.00	500.00	450.00	600.00	675.00	550.00
(52)	1000.00	500.00	450.00	350.00	500.00	500.00	350.00
(53)	18.00	20.00	20.00	18.00	25.00	15.00	25.00
(54)	2.25	3.00	3.00	2.50	3.00	3.00	3.00
(55)	5.00	2.00	10.00	10.00	5.00	2.00	11.00

BIDS WANTED—UNIVERSITY MOUND RESERVOIR

SAN FRANCISCO.—Until Oct. 15, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W. D. 111 for the construction of concrete lining, roof and control works for the University Mound Reservoir.

The contractor shall construct the concrete lining, roof and control works for the University Mound Reservoir basin which is located in the area bounded by Bacon, University, Bowdoin and Woolsey Streets, and is adjacent to the southerly side of the reservoir now in use. The contract does not include the excavation and embankment which were completed under a separate contract.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until October 22, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.6 miles grading and paving with asphalt concrete and plant-mixed surfacing in Los Angeles County between Wilmington Blvd. and Alameda St., in the City of Los Angeles.

The work involves:
(1) 84 sts. clearing and grubbing right of way;
(2) 830 M. gallons water;
(3) 44,800 c.y. rdwy. excav., unclass.
(4) 21,000 cu. yds. struc. excav.;
(5) 233,500 sta. yds. overhaul;
(6) 800 cu. yds. removing existing concrete;
(7) 33,700 sq. yds. preparing subgrade;
(8) 84 stations finish roadway;
(9) 5,550 tons mineral agg. (plant-mixed surf.);
(10) 300 tons liquid asphalt MC-4 or MC-5 (plant mixed surf.);
(11) 27 tons liquid asph. MC-2 (prime coat);
(12) 10,240 tons asph. concrete (base and leveling course);
(13) 5,200 tons asphalt conc. (Type "A" surf. course);
(14) 30,000 lbs. bar reinf. steel;
(15) 560 cu. yds. Class A portland cement concrete (structures);
(16) 190 cu. yds. Class "C" do;
(17) 22,000 lbs. misc. iron and steel;
(18) 260 l.f. 12-in. standard reinforced concrete pipe;
(19) 75 l.f. 15-in. do;
(20) 3,080 l.f. 18-in. do;
(21) 520 l.f. 21-in. do;
(22) 530 l.f. 24-in. special do;
(23) 1,330 l.f. 27-in. do;
(24) 490 l.f. 30-in. do;
(25) 310 l.f. 33-in. do;
(26) 700 l.f. 18-in. plain conc. pipe;
(27) 110 l.f. 21-in. do;
(28) 1,600 c.y. Class "A" Portland cement concrete (curbs, gutters, sidewalks and driveways);
(29) 310 l.f. curb armor;
(30) 1 lot ornamental iron railway (subway);
(31) 350 sq. yds. membrane waterproofing (subway);
(32) 1 lot drainage system (subway);
(33) 1 lot electric system (subway);
(34) 450 l.f. metal safety treads (subway);
(35) 12,400 sq. yds. asph. paint binder
(36) 33 ea. manholes adjusted to grade
(37) 1,200 l.f. temporary fence.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

KLAMATH COUNTY, Ore.—Dunn & Baker, Klamath Falls, at $156,005.30 submitted low bid to the Bureau of Public Roads, 316 New Post Office Bldg., Portland, W. H. Lynch, District Engineer, for 2.917 miles grading on the Rim Road, Crater Lake National Park, Klamath County.

CONTRACT AWARDED

INYO CO., Calif.—Basich Bros., 20550 Normandie Ave., Torrance, at $43,555, awarded contract by State Division of Highways, Sacramento, for grading, surfacing with salvaged material, and applying road-mix surface treatment on about 2.3 miles, in Inyo County, between 4 to 1.7 miles south of Fish Springs.

CONTRACT AWARDED

SAN FRANCISCO—Eaton & Smith 715 Ocean Ave., at $3,780 awarded contract by the department of Public Works, City Hall, under Spec. No. 18,978, for the improvement of the westerly one-half of 36th Ave., between Ulloa and Vicente Streets.

The work will include preparing the bottom surface and trimming the inner slopes and crest of the existing excavated reservoir basin; placing the concrete lining; constructing the concrete roof, inlet-and-outlet conduit and tower, spillway, and elevated sidewalk structure on Bacon Street; furnishing and installing slide gates, flap gate and special castings in the tower; furnishing and installing a traveling water screen complete with pumps, piping and electrical equipment; furnishing and installing welded steel pipe and concrete pipe with certain appurtenances; installing certain valves, piping and fittings furnished by the City; regrading and paving Bacon Street; constructing a woven-wire fence around the reservoir, etc.

Bids will be taken under alternate propositions as follows:

Proposition "A": using light-weight concrete for girders, joists and roof slab only; and ordinary weight concrete for all other concrete work.

Proposition "B": using ordinary-wt. concrete throughout.

Bids will be taken as follows:

	Item	Unit	Proposition A	Proposition B
(1)	Trimming inner slopes and crest	Sq. Yd.	15,000	15,000
2)	Preparation of reservoir bottom	Lp. Sum	Lp Sum	Lp. Sum
(3)	Structure excavation in earth	Cu. Yd.	1,880	2,000
(3a)	Structure excavation in rock	Cu. Yd.	550	565
(4)	Concrete in reservoir lining, column footings, coping and roof gutter, and abutments and footings for elevated sidewalk struc.	Cu. Yd.	11,440	12,900
(5)	Concrete in columns, inlet and outlet conduit and tower, and elevated sidewalk structure with supporting walls	Cu. Yd.	2,700	3,090
(6)	Concrete in rof slab, joists and girders	Cu. Yd.	9,000	9,430
(7)	Concrete in sidewalk retaining walls and parapet wall for elevated sidewalk	Cu. Yd.	80	80
(8)	Concrete in spillway	Cu. Yd.	160	160
(9)	Concrete in junction boxes and other subsurface structures	Cu. Yd.	20	20
(10)	Extra cement	Barrel	400	400
(11)	Furnishing and placing steel reinforcing bars	Pound	3,200,000	3,500,000
(12)	Do welded wire fabric	Sq. Yd.	55,000	55,000
(13)	Do flexible couplings	Each	1	1
(14)	Do slide gates and flap gate	Lp. Sum	Lp Sum	Lp. Sum
(15)	Do traveling water screen, centrifugal pump and elec. equip.	Lp. Sum	Lp Sum	Lp. Sum
(16)	Do cast steel fittings	Pound	25,000	25,000
(16a)	Do cast iron fittings and flanged cast iron pipe	Pound	10,000	10,000
(16b)	Do pipe handrails and wrought steel pipe	Pound	11,000	11,000
(16c)	Do structural steel shapes and plates	Pound	75,000	75,000
(16d)	Do miscellaneous metal work	Pound	6,600	6,600
(17)	Installing gate valves furnished by the City	Pound	62,000	62,000
(17a)	Installing cast iron bell and spigot pipe & misc. metal work furnished by the City	Pound	74,000	74,000
(18)	Furnishing and laying 60-in. dia. welded steel pipe of ⅜-in. plate lin. ft.	Lin. Ft.	1,475	1,475
(19)	Furnishing and installing steel pipe specials	Pound	27,000	27,000
(20)	Do beveled courses for curved sections in 60-in. ⅜-in. welded steel pipe	Each	35	35
(21)	Apply. bituminous enamel protective coating and lining to steel pipe	Sq. Yd.	50,000	50,000
(22)	Applying felt wrapping on steel pipe	Sq. Ft.	16,000	16,000
(23)	Excavation and backfill for the pipe trenches in earth	Cu. Yr.	2,600	2,600
(24)	Do for pipe trenches in rock	Cu. Yd.	1,700	1,700
(25)	Stand backfill for excavations	Cu. Yd.	600	600
(26)	Repavement	Sq. Ft.	450	450
(27)	Regrading Bacon St. and preparation of subgrade	Cu. Yd.	800	800
(28)	Paving Bacon Street	Sq. Ft.	22,500	22,500
(29)	Constructing concrete sidewalks	Sq. Ft.	8,500	8,500
(30)	Constructing comb. curb-and-gutter	Lin. Ft.	1,750	1,750
(31)	Furnishing and laying 30-in. reinforced concrete pipe	Lin. Ft.	40	40
(32)	Furnish and install wire fence	Lp. Sum	Lp Sum	Lp. Sum
(33)	Furnish and install roof screens	Lp. Sum	Lp Sum	Lp. Sum
(34)	Drilling grout holes	Lin. Ft.	200	200
(35)	Grouting	Sack Cem.	200	200

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason St., upon deposit of $20.00.

N. A. Eckart, General Manager and Chief Engineer.

BIDS OPENED

SAN FRANCISCO.—M. J. Lynch, Oakdale and Barnevald Aves., at $20,495, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,968, for the widening and reconstruction of California St., between Presidio Avenue and Arguello Blvd.

The work involves:

(1) 72,000 sq. ft. asphaltic concrete wearing surface removed;
(2) 3,020 l.f. granite curb reset;
(3) 700 sq. ft. granite curb redressed;
(4) 350 l.f. granite curb in place (new, tangent);
(5) 165 l.f. armored concrete circular curb;
(6) 9 each, brick catchbasins moved and reconstructed;
(7) 9 each, concrete curb inlets constructed;
(8) 1 each, brick catchbasins (new);
(9) 4 each, low-pressure fire hydrants moved;
(10) 5 each, street and traffic signs reset;
(11) 25,500 sq. ft. 8-in. class E concrete pavement;
(12) 5,200 sq. ft. two-course concrete sidewalk;
(13) 426 tons asphaltic concrete base and levelling course;
(14) 950 tons asphaltic concrete wearing surface;
(15) 70 tons asphaltic concrete conform pavement;
(16) 50 l.f. 10-in. VCP culvert;
(17) 4 each, catchbasin gratings;
(18) 5 each, manhole frames and covers;
(19) 100 each, crosswalk markers, in place (new);
(20) 35 c.y. class B concrete.

Total bids follow:

(A) M. J. Lynch $20,495.00
(B) E. J. Tracy 21,968.00
(C) Chas. L. Harney 22,315.50
(D) Lowrie Paving Co. 22,543.00
(E) A. G. Raisch 22,747.15
(F) Mills Constr. Co. 24,026.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$0.03	$0.03	$ 0.05	$0.04	$0.05	$0.05
(2)	.40	.50	.40	.50	.40	.40
(3)	.50	.70	1.00	.50	.70	.50
(4)	1.75	2.00	2.00	2.50	1.90	2.50
(5)	1.00	.70	1.00	1.00	.75	1.00
(6)	50.00	30.00	50.00	40.00	40.00	50.00
(7)	8.00	10.00	10.00	6.00	5.00	10.00
(8)	85.00	75.00	100.00	80.00	80.00	80.00
(9)	35.00	15.00	50.00	50.00	40.00	50.00
(10)	2.00	7.50	5.00	5.00	2.00	5.00
(11)	.28	.343	.30	.30	.31	.33
(12)	.13	.12	.13	.135	.13	.14
(13)	4.50	4.25	4.00	4.50	4.40	5.00
(14)	4.80	4.50	4.25	5.00	4.80	5.00
(15)	5.00	4.50	4.50	6.00	6.00	5.00
(16)	1.50	4.00	1.00	1.50	1.50	2.00
(17)	25.00	21.00	30.00	25.00	25.00	20.00
(18)	25.00	21.00	30.00	25.00	25.00	25.00
(19)	.20	.20	.25	.25	.25	.25
(20)	8.00	8.00	10.00	8 00	7.00	8.00

BIDS OPENED

SAN FRANCISCO.—M. B. McGowan, Inc., 74 New Montgomery St., at $18,513.25, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,982, for furnishing and installing wood piles and excavating the Richardson Ave. approach to the Golden Gate Bridge in the Presidio.

The work involves:

(1) 33,275 l.f. wood piles, below cutoff;
(2) 2,395 c.y. excavation.

Complete bids follow:

M. B. McGowan, Inc.—(1) $0.47; (2) $1.20; total, $18,513.25.
Duncanson-Harrelson Co.—(1) $0.52; (2) $1.45; total, $20,775.75.
Healy-Tibbitts Constr. Co.—(1) $0.55; (2) $2; total, $23,091.25.
Raymond Conc. Pile Co., L. A.—(1) $0.658; (2) $1.52; total, $25,534.40.

BIDS OPENED

LOS ANGELES.—Southwest Paving Co., 11,402 Radford St., Roscoe, at $336,375.80, submitted low bid to the Los Angeles Board of Public Works, for improvement of Highland Ave., between Cahuenga and Santa Monica Blvd., a PWA project.

Total bids follow:

Southwest Paving Co., Roscoe	$336,375.80
David H. Ryan, San Diego	357,860.99
J. C. Hickey, Alhambra	369,070.49
P. J. Akmadzich, L. A.	386,121.68
Heuser & Garnett, Glendale	403,470.51
Griffith Co., Los Angeles	411,082.89
United Concrete Pipe Corp., Los Angeles	461,114.68

BIDS WANTED

LOS ANGELES, Cal.—Until Oct. 7, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for the construction of Silver Lake gate tower and appurtenant structures under Spec. X-53 PWA Docket 1929-R, Unit No. 74.

The work will involve the following:

(a) 3550 c.y. channel excav. (approach to tower);
(b) 290 l.f. tunnel excavation (from gate tower to portal below dam)
(c) 290 l.f. concrete tunnel lining;
(d) construct conc. gate and screen tower and junction box to tunnel, inc. gates and other appurtenances;
(e) furnish and erect 46-foot deck span, riveted steel truss foot bridge with reinf. concrete deck slab;
(f) alternate bridge plan, same as (e) above, except with welded steel truss;
(g) construct reinf. concrete abutment and floor slab for the approach to bridge;
(h) 140 l.f. trench excav. for 40-inch steel pipe from tunnel portal below dam to a junction with existing 40-in. steel pipe;
(i) furnish and install 138 l.f. of 40x ⅜-in. welded steel pipe, including one steel manhole;
(j) construct reinf. concrete jacket around the above described pipe
(k) 140 l.f. backfill above 40-in. steel pipe trench;
(l) construct reinf. concrete box over steel manhole, involving 434 c.y. concrete;
(m) construct reinf. concrete side channel spillway and 36-in. concrete outlet pipe connecting to existitng drain;
(n) excav. and embankment for face slab on dam;
(o) construct 10,582 sq. ft. concrete face slab and 814 l.f. concrete curb along upstream face of Silver Lake dam.

Plans and specifications may be obtained from the above office upon deposit of $10.00.

BIDS OPENED

VENTURA CO., Calif.—Dimmitt & Taylor, 815 E. 59th St., Los Angeles, at $11,447.60, submitted low bid to the State Division of Highways, S. V. Cortelyou, District Engineer, Los Angeles, for about 0.3 mile grading and surfacing with plant-mixed surfacing in Ventura County, at Teague-McKevett Crossing, about one-half mile east of Santa Paula.

The work involves:

(1) 16 stations clearing and grubbing right of way;
(2) 250 M. gals. water;
(3) 200 c.y. structure excavation;
(4) 8,800 c.y. imported borrow;
(5) 30 c.y. removing and disposing of existing concrete;
(6) 16 stations finishing roadway;
(7) 1,000 tons mineral aggregate (plant-mixed surfacing);
(8) 52 tons liquid asphalt, MC-4 or MC-5 (plant-mixed surfacing);
(9) 6 tons liquid asphalt, MC-2 (prime coat);
(10) 210 lbs. bar reinforcing steel;
(11) 8 c.y. Class A Portland cement concrete (structures);
(12) 114 l.f. 24-in. CMP;
(13) 46 l.f. 48-in. CMP;
(14) 60 l.f. removing and salvaging corrugated metal pipe culverts;
(15) 6 each culvert markers.

Total bids follow:

(A) Dimmitt & Taylor, Los Angeles	$11,447.60
(B) Southwest Paving Co., Roscoe	12,881.80
(C) A. S. Vinnell Co., L. A.	13,114.00
(D) Kovacevich & Price, Inc., South Gate	14,418.50
(E) Oswald Bros., L. A.	16,347.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$10.00	$6.00	$15.00	$20.00	$5.00
(2)	1.00	1.80	2.00	2.00	3.50
(3)	1.25	1.25	1.2	1.50	1.75
(4)	.65	.83	.65	.85	1.10
(5)	5.00	4.00	3.00	5.00	8.00
(6)	10.00	7.50	15.00	15.00	10.00
(7)	3.25	3.00	4.25	3.90	3.25
(8)	17.00	15.50	20.00	18.00	17.00
(9)	20.00	18.00	24.00	20.00	24.00
(10)	.10	.06	.10	.10	.10
(11)	35.00	23.00	45.00	30.00	50.00
(12)	.70	1.30	.90	.75	.75
(13)	1.30	2.50	1.40	1.50	2.50
(14)	.75	2.50	1.40	.75	.75
(15)	3.00	3.00	3.00	2.00	3.00

BIDS WANTED

SAN FRANCISCO.—Until October 14, 2:30 P. M., bids will be received by the Department of Public Works Room 251, City Hall, under Spec. No. 18,954, for the improvement of San Jose Ave. from Sickles Avenue to Bepler St. Estimated cost $67,000.

The work involves:

(1) 8000 c.y. excavation;
(2) 90,400 sq. ft. asphalt - concrete pavement (8x1½x1½-in.);
(3) 12,300 sq. ft. do (standard type at car tracks);
(4) 13,500 sq. ft. do (6-in.-2-in.);
(5) 20,300 sq. ft. 8-in. conc. pave.;
(6) 380 sq. ft. brick pavement on 4-in. concrete base;
(7) 320 tons asph. concrete binder course;
(8) 240 tons asphaltic concrete wearing surface;
(9) 4,500 l.f. unarmored concrete curb;
(10) 150 l.f. reset combined concrete curb and gutter;
(11) 75 l.f. combined concrete curb and gutter;
(12) 40,900 sq. ft. concrete sidewalk (two course);
(13) 6 l.f. 15-in. VCP sewer;
(14) 280 l.f. 12-in. VC pipe sewer;
(15) 220 l.f. 8-in. do;
(16) 1,400 l.f. 6-in. VC pipe side sewer
(17) 5 each Y branches; 15x6-in. VCP;
(18) 8 each, 12x6-in. VCP Y branches;
(19) 6 each, 8x6-in. VCP, Y branches;
(20) 5 each, brick manholes;
(21) 2 each, reconstruct brick manholes;
(22) 9 each, brick catchbasins;
(23) 20 each, reconstruct brick catchbasins;
(24) 1,220 l.f. 10-in. VCP culvert;
(25) Lump sum, relocating lighting standards and laying conduit;
(26) 5 each, moving low-pressure fire hydrants;
(27) Lump sum, traffic control system, complete.

Work will be financed by the city's share of State gasoline tax funds.

Plans and specifications obtainable from the office of City Engineer John Casey upon cash deposit of $10.

PUBLIC HEARING

SAN DIEGO COUNTY, Cal.—Major Theodore Wyman, Jr., District Engineer, U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, has set October 5, 10 A. M., as the time for a hearing in the Council Chambers, City Hall, Oceanside, on proposed improvements for flood control on the San Luis Rey River, San Diego County.

BIDS WANTED

SAN FRANCISCO.—Until October 14, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,981, for the reconstruction of the roadway of 18th Street, between Guerrero and Danvers Streets, a PWA project. Estimated cost, $28,-879.

The work involves:

(1) 120,000 sq. ft. removing concrete wearing surface;
(2) 1,100 tons asphaltic concrete base and leveling course;
(3) 2,000 tons asphaltic concrete wearing surface;
(4) 200 tons asphaltic concrete conform pavement;
(5) 3,500 l.f. stone curb, reset;
(6) 1,500 sq. ft. stone curb, redressed and reset;
(7) 200 l.f. new stone curb, tangent;
(8) 25 l.f. new stone curb, circular;
(9) 20 manhole frames and covers;
(10) 10,000 sq. ft. two-course concrete sidewalk;
(11) 30 brick catchbasins, new, complete with concrete curb inlets;
(12) 2,800 l.f. 6-in. white lacquer traffic stripe.

Plans and specifications obtainable from the office of City Engineer John Casey upon cash deposit of $10.

CONTRACT AWARDED

LAGUNA BEACH, Orange Co., Cal. —Miracle Co., 4751 Monroe St., San Diego, at $16,887, submitted low bid and awarded contract by the Three Arch Bay Assn., South Laguna, for grading, paving, constructing curbs, gutters and culverts in approximately one mile of streets in Three Arch Bay.

A. J. Stead, engineer, 306 Third St., Laguna Beach.

CONTRACT AWARDED

SACRAMENTO CO., Calif.—J. R. Reeves, R.F.D. 3, Box 100, Sacramento, at $6,064, submitted low bid and awarded contract by the Sacramento County Board of Supervisors for shoulder construction on the Galt-Thornton Road.

The work involves:

(1) 8,800 sq. yds. excavation, watering, trimming, etc.;
(2) 2,400 tons cementing road rock;
(3) 4,400 gals. SC-1A asphaltic road oil.

Total bids follow:

(A) J. R. Reeves, Sacramento	$6,064.00
(B) A. Teichert & Son, Inc., Sacramento	6,304.00

Unit bids follow:

	(A)	(B)
1)	$0.095	$0.09
(2)	2.05	2.15
(3)	.07	.08

E. A. Fairbairn, County Engineer.

CONTRACT AWARDED

LOS ANGELES, Cal.—Thos. McIlvenha, 316 S Marguerita Ave., Alhambra, at $28,200.67 awarded contract by the Los Angeles county supervisors for the improvement of Huntington Drive from Rosemead Blvd. to Eaton Wash, a total distance of 0.45 mile, under Cash Contract No. 461, FPW Prop. 1927-8-R.

LOW BIDDER
BIDS WANTED

SKAMANIA CO, Wash.—Until October 16, 10 a.m., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for 0.982 mile grading on St. Helen's Highway, Columbia National Forest, Skamania County.

The principal items of work involved are:
(1) 6 A. clearing;
(2) 6 A. grubbing;
(3) 45,200 c.y. unclassified excav.;
(4) 2,000 c.y. mi. overhaul;
(5) 5 A. clearing down timber and drift;
(6) 460 l.f. culverts (Alt.);
(7) 140 l.f. reinforced concrete pipe.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS OPENED

LEWIS and Pierce Cos., Wash.—Sam Orino, Bonneville, at $80,626.80 submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for 7.806 miles surfacing on the Mt. Rainier National Park East Side Highway, Lewis and Pierce Counties.

CORRECTION IN LOW BIDDER

SANTA CRUZ CO,. Calif. — The State Division of Highways, C. Purcell, State Highway Engineer, Sacramento, has announced that the lowest regular bid received September 23 for about 0.1 mile grading at Inspiration Point between Los Gatos and Santa Cruz was submitted by J. L. Conner, P. O. Box 49, Monterey, at $33,425.

The previously reported bid of Frederickson and Westbrook, Lower Lake, at $29,225 has been declared irregular.

Complete bids published September 24.

BIDS WANTED

SAN FRANCISCO.—Until October 7, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,973, for widening and reconstructing Taylor St., between Market and Post Sts. Estimated cost, $25,268.

The work involves:
(1) 2770 l.f. stone curb reset, all sizes;
(2) 500 sq. ft. stone curb redressed;
(3) 305 l.f. armored concrete curb;
(4) 350 l.f. granite curb, in place (new tangent);
(5) 18 each, catchbasins, reset or reconstructed;
(6) 1 each, brick catchbasin, complete;
(7) 4 each, manhole frames and covers installed;
(8) 26 each, street and traffic signs reset;
(9) 8 each, low-pressure hydrants moved;
(10) 9 each, high-pressure hydrants moved;
(11) 5,500 lbs. new cast-iron pipe and specials;
(12) 650 lbs. lead;
(13) 55 c.y. high-pressure pipe excacation;
(14) 1500 lbs. wrought-iron bolts, nuts, and washers.
(15) 1 each, electric traffic signal relocated (vehicular);
(16) 2 each, electric traffic signals relocated (pedestrian);
(17) 4 each, fire alarm and police telephone boxes relocated;
(18) 2 each, electroliers relocated;
(19) 14,000 sq. ft. pavement removed;
(20) 17,000 sq. ft. asphaltic concrete wearing surface removed;
(21) 19,800 sq. ft. 8-in. class "E" concrete pavement, parking lane;
(22) 780 tons asphaltic concrete base course;
(23) 1180 tons asphaltic concrete wearing surface;
(24) 11,000 sq. ft. two-course concrete sidewalk;
(25) 2050 l.f. 1½-in. conduit, in place;
(26) 3300 l.f. 4-in. white lacquer traffic lines, in place;
(27) 1650 l.f. 6-in. white lacquer traffic lines, in place.

Plans and specifications obtainable from the office of City Engineer John Casey upon cash deposit of $10.00.

LOW BIDDER

SAN DIEGO CO., Calif.—R. E. Hazard & Sons, P.O. Box 1438, San Diego, at $32,911, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for about 2.8 miles grading and applying road-mix surface treatment in San Diego County, between 2.5 miles east of Rincon and Rancho Cuca.

Complete bids will be published shortly.

CONTRACT AWARDED

SANTA BARBARA CO., Calif.—Heafey-Moore Co., 344 High Street, Oakland, at $123,321.50 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and paving with asphalt concrete about 1.5 miles and constructing a reinforced concrete bridge between one mile north of Rincon Creek and Carpinteria.

30—RESERVOIRS & DAMS

BIDS OPENED

TRUCKEE STORAGE PROJECT.—George W. Condon Co., 208 Grain Exchange Bldg., Omaha, Nebraska, at $729,435, submitted low bid to the Bureau of Reclamation, L. J. Foster, Construction Engineer, Reno, Nevada, under Spec. No. 696, for the construction of the Boca Dam.

Principal features involved in the construction are a dam across the Little Truckee River in Nevada Co., California, near Truckee, a concrete-lined tunnel under the right abutment of the dam, through which the river will be diverted during the construction of the dam and in which the outlet works will be constructed, and an open-channel spillway at the left abutment of the dam. The dam will be approximately 1,650 ft. long at the crest and will have a maximum height of about 110 ft. The main body of the dam will consist of a moistened and rolled embankment of clay, sand, and gravel. The downstream slope of the earth embankment will be covered with a heavy rock fill. The upstream slope of the embankment above the Berm at elevation 5,525 will be covered with a three-foot layer of rock riprap. The outlet tunnel between the trash-rack structure and the gate chamber will have a circular section 12 feet in diameter and will be about 412 feet long. The tunnel between the gate chamber and the needle-valve house at the outlet tunnel will have a wide horseshoe-shaped section 10-feet 6-inches in height and 14 feet in width and will be approximately 305 feet long. Two 4-foot by 4-foot high-pressure hydraulically-operated emergency gates will be installed in a tunnel plug over which the gate chamber will be located and from which two 50-inch diameter welded plate-steel outlet pipes installed in the downstream portion of the tunnel will lead to two 42-inch diameter balanced needle valves located in the needle-valve house. The gate control mechanism for the emergency gates will be located in the needle-valve house from which the control piping will run, through the tunnel, to the gate chamber. The spillway, in the left abutment of the dam, will be a concrete-lined open channel terminating in a concrete-lined spillway stilling basin, and will have a total length of approximately 555 feet. The spillway will be controlled by two radial gates each 19 feet long and 16 feet high, installed at the crest of the spillway. Provision will be made for a roadway on the crest of the dam and across the spillway gate-structure.

Complete total bids follow:
(A) George W. Condon Co., Omaha $729,435
(B) D. McDonald, Sacramento, and MacDonald & Kahn Co., Ltd., S. F. 740,650
(C) S. J. Groves & Son, Minneapolis 749,050
(D) F. H. Honen Constr. Co., Colorado Springs 765,295
(E) Hinman Bros., Denver 765,843
(F) Paul J. Tyler, Oroville, and Lord & Bishop, Sacramento 770,335
(G) Utah Constr. Co., Ogden 772,903
(H) Martin Wunderlich, Jefferson City, Mo. 814,265
(I) George Pollock, Sacram'to 856,115
(J) Lewis Constr. Co., and Bodenhamer Constr. Co., Oakland 857,858
(K) R. G. Clifford, S. F. 864,728
(L) Wood & Bevanda, Stockt'n 892,240
(M) Jahn & Bressi Constr. Co., Inc., Rice, Calif. 956,255
(N) W. A. Bechtel Co., S.F. 996,320
(O) W. E. Callahan Constr. Co., Gunther & Shirley, Los Angeles 1,028,910
(P) V. R. Dennis Constr. Co., San Diego 1,136,935
(Q) Kaiser Paving Co., Oakland 1,147,225
(R) D. W. Thurston, L. A. 1,238,993

Unit bids will be published shortly.

GRANT APPROVED

SEATTLE, Wash.—The PWA has approved a grant of $3,000,000 to the City of Seattle for power generating and transmission facilities.

The power and flood control project is to be developed as need arises. The pesent program is estimated to cost $7,185,000. Work at present will consist mainly in clearing the dam site, reservoir preparation, foundation and concrete work and erection of necessary incidental structures.

Work includes construction of a reservoir, with a capacity of 125,000 acre feet, and a dam on the Skagit River. The transmission line will be a 240,000-volt steel tower double circuit modern line feeding from the Sagit River Diablo plant to the city of Seattle, a distance of approximately 120 miles. A new high voltage receiving substation will be built at the south entrance to the city to handle the power from the 240,000-volt line.

The dam proposed at present is to be constructed to elevation 1390, making it 290 feet high. The construction will, however, be adaptable to a much higher structure. The ultimate height will reach elevation 1725 feet thus creating a dam 625 feet high, second only to Boulder Dam. The reservoir created by the completed dam would store 3,800,000 acre feet more than the present dam, and would solve the flood problem on the Skagit River and in addition supply the City of Seattle with electricity for many years.

CONTRACT AWARDED

UPPER SNAKE RIVER PROJ., Idaho.—S. J. Groves & Sons Co., 510 Wesley Temple Bldg., Minneapolis, at $488,477 awarded contract by the Bureau of Reclamation, H. A. Parker, Construction Engineer, Ashton, Idaho, for constructing the Grassy Lake Dam, Upper Snake River Project.

SUIT FILED

EUREKA, Humboldt Co., Calif.—T. E. Connolly-Hanrahan Co., 461 Market St., San Francisco, has filed suit in Humboldt County Superior Court for a declaratory judgment to determine status of the firm's contract with the city of Eureka for

constructing the headworks of the Mad River water supply project. The action names all city officials as defendants and asks the court to sustain validity of two resolutions recently adopted modifying the original contract and establishing new unit prices for excavation and other work on the dam to be constructed under revised specifications.

The contractors also petition the court to (1) Direct City Engineer Evan D. Gardner to report estimates of work performed; (2) Declare the modified contract does not require approval by the State PWA Engineer until a grant of PWA funds has been made; Release unexpended proceeds of a municipal bond issue for payment of claims on work performed.

The original contract of the T. E. Connolly-Hanrahan Co., for constructing a concrete multiple-arch dam on Mad River to impound water for the Eureka water supply was modified by action of the city council after excavation at the original dam site had indicated abutment foundation material to be unsuitable. The dam has been relocated and redesigned and the council has authorized the contractor to proceed under a new schedule of unit prices on the revised specifications. Legality of the authorization is questioned by the city engineer and the city attorney and the present action is brought by the contractor to clarify the issue.

BONDS VOTED

SAN BENITO CO., Calif.—A bond issue of $180,000 for constructing two dams to store flood waters for replenishment of underground water supplies during the dry season was approved by the Pacheco Pass Water Conservation District at a special election September 25. The district will apply for a PWA grant of $144,-818 to complete financing of the project.

A dam would be located on Los Vibros Creek and another on Pacheco Creek.

Fred H. Tibbetts, Alaska Commercial Bldg., San Francisco, engineer.

BIDS REJECTED

YAKIMA PROJ., Wash.—All bids received by the Bureau of Reclamation, Yakima, J. S. Moore, Superintendent, for the installation of five 37x17-ft. radial gates in the spillway at the Cle Elum Dam, Yakima Proj., have been rejected.

BIDS WANTED

COLORADO RIVER PROJ., Texas. —Until October 20, 10 A. M., bids will be received by the Bureau of Reclamation, H. P. Bunger, Construction Engineer, for the construction of the Marshall Ford Dam, Colorado River Project, Texas.

The work is located near Austin and the principal items of work involved are:

(1) 12,500 c.y. stripping;
(2) 765,000 c.y. all classes of excavation, foundation and struc.;
(3) 93,000 c.y. all classes excavation in borrow pits;
(4) 1,000 c.y. backfill;
(5) 67,000 c.y. earthfill in embankment;
(6) 13,000 c.y. rock fill on downstream slope of embankment;
(7) 7,700 c.y. riprap on upstream slope of embankment;
(8) 968,980 c.y. concrete;
(9) 210,000 cu. ft. pressure grouting;
(10) Placing 5,300,000 lbs. reinf. bars;
(11) Drilling 49,000 l.f. grout holes;
(12) Drilling 16,000 l.f. drainage and anchor-bar holes;
(13) Constructing 2160 l.f. 6- to 12-in. in. sewer pipe drains;
(14) Laying 6,180 l.f. 24-in. 36-inch split sewer pipe;
(15) Manufacturing and placing 31,-000 l.f. porous conc. drain tile;
(16) Installing 25,000 l.f. metal sealing strips in contraction joints;
(17) Installing 95,000 lbs. tubing and fittngs for grouting contraction joints;
(18) Installing 270,000 lbs. trash-rack metal work;
(19) Installing 7,430,000 lbs. paradox gates and operating mechanisms
(20) Installing 1,150,000 lbs. penstock pipes;
(21) Installing 440,000 lbs. bulkheads and bulkhead gates;
(22) Installing 660,000 lbs. standard metal pipe, fittings and valves;
(23) Installing 94,300 lbs. miscellaneous metal work;
(24) Installing 9,500 l.f. of electrical metal conduit;
(25) Installing 9,500 lbs. of electrical conductors, equip. and ground wires.

Work shall be commenced within 0 calendar days and completed withing 900 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Austin; Denver, or Washington, D. C., without charge to prospective bidders; to others, $2.50 not returnable.

TO MODIFY PLAN

LITTLE TRUCKEE STORAGE PROJECT.—Directors of Washoe County Conservation District have approved agreement with Sierra Pacific Power Company to increase storage capacity of Boca Dam reservoir to a minimum of 44,600 acre feet or whatever increased capacity can be obtained by expenditure of an additional $100,000 on Boca Dam. Bids are to be received September 30 in Reno by the U. S. Bureau of Reclamation on a dam to create a reservoir of 40,000 acre-feet, estimated to cost $1,000,000. The dam is being constructed by the Bureau under contract for repayment of 70 per cent by Washoe County Conservation District and Newlands Irrigation Project. The balance of the cost is provided by a PWA grant. *

31—PIPE LINES & WELLS

GRANT APPROVED

EVERETT, Washington.—A grant of $585,000 to the City of Everett, Snohomish County, has been approved by the PWA for the construction of improvements and additions to the waterworks system, total cost of which is estimated at $1,-300,000.

The project proposes a pipe line, varying from 36 to 52 inches in diam., from the outlet of Tunnel No. 2 at Lake Chaplain and following the present No. 2 pipe line to Everett at a point near California and Harrison Streets, across to City Reservoir No. 2, and then to a point on Norton Avenue near the plant of the Sound View Pump Co., together with all necessary appurtenances and structures.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until October 22, 10 A. M., bids will be received by Metropolitan Water District, 306 W 3rd St., Los Angeles, for constructing encased steel pipe or precast concrete pipe lines and appurtenant work for the Upper Feeder of the Colorado River Aqueduct distributing system, Spec. 171. The work is located in Los Angeles County and comprises approximately 1071 l.f. of 9 ft. 8 in. dia. and 507 ft. 7 ft. dia. pipe line construction divided into Schedules as follows:

Schedule 8K, across San Gabriel Canyon just below Morris Dam; Schedule 9L or 9M, across Monrovia Canyon in Monrovia; Schedule 12P, across Eagle Rock Canyon north of Eagle Rock. The approximate lengths of the respective types of pipe required are:

Schedule 8K: Length in feet (Incased steel pipe) 472; Inside diameter 9 ft. 8 in.; Sched. 9L: Length in ft. (Incased steel pipe) 599; Inside diameter, 9 ft. 8 in.; Schedule 9M: Length in feet (Incased steel pipe) 167, (Precast concrete pipe) 432; Inside diameter, 9 ft. 8 in.; Sched. 12P: Length in ft. (Incased steel pipe) 123, (Precast concrete pipe) 384; Inside diameter, 7 ft. 0 in.

Schedule 9M is alternative to Sch. 9L. Bids may be submitted upon one or more schedules. Specifications may be obtained from the engineer, at Room 1007, 306 W 3rd St., after 2 P. M., Monday, Sept. 28. Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, General Manager and Chief Engineer. *

32— SEWERS & SEWAGE DISPOSAL PLANTS

BOND ISSUE DEFEATED

WILLIAMS, Ariz.—The proposal to issue $50,000 in bonds to finance the construction of a new sewage system in Williams, was defeated on Sept. 22. The bonds were proposed to match a federal grant of $34,000 already appropriated for the project.

BIDS OPENED

SAN FRANCISCO.—Pacific States Cast Iron Pipe Co., Rialto Bldg., at $0.37 per l.f. for 3,000 ft. of 3-in., and at $0.215 per l.f. for 3,000 ft. of 2-in., open bell cast-iron pipe, submitted low bids to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1646.

The other bids were:

American Cast Iron Pipe Co.—3-in., $0.42 per l.f.; 2-in., $0.23 per l.f.
U. S. Pipe & Foundry Co.—3-in., $0.43 per l.f.; 2-in., $0.24 per l.f.

BIDS WANTED

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—Until October 19, 8 p.m., bids will be received by the South San Francisco City Council, Daniel McSweeney, City Clerk, for furnishing 370 l.f. 24-in. reinforced concrete storm water sewer pipe.

Specifications obtainable from the office of City Engineer George A. Kneese, 2382 Broadway, Redwood City.

BIDS WANTED

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—Until October 19, 8 p.m., bids will be received by the South San Francisco City Council, Daniel McSweeney, City Clerk, City Hall, for the construction of a sanitary sewer in the south industrial area of South San Francisco.

The work involves:

(1) One manhole;
(2) 24 l.f. 18-in. cast-iron pipe;
(3) 207 l.f. 18-in. vitrified iron stone pipe.

Plans and specifications obtainable from the office of George A. Kneese, City Engineer, 2382 Broadway, Redwood City.

33— WATER WORKS

BIDS WANTED

RED BLUFF, Tehama Co., Calif.—Until October 5, 7:30 p.m., bids will be received by the Red Bluff City Council, City Hall, for furnishing materials, pipe and fittings for the Water Department.

Specifications obtainable from the office of Water Superintendent E. E. Stevens, City Hall.

CONTRACT AWARDED

SAN FRANCISCO.—Fay Improvement Co., 760 Market St., at $1,455.27, awarded contract by the Public Utilities Commission, City Hall, under S.F.W.D. Spec. No. 125, for laying 6-in. and 12-in. cast-iron mains in University Terrace.

CONTRACT AWARDED

SAN FRANCISCO.—W. J. Tobin, 586 Howard St., at $2,928.20, awarded contract by the Public Utilities Commission, City Hall, under S.F.W.D. Spec. No. 126, for laying 8-in. cast-iron main in Hunter's Point and Golden Gate Heights Districts.

BIDS WANTED

SAN DIEGO.—Until October 13, 11 a.m., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8338, for additional pressure - regulating equipment in water manhole at the Naval Operating Base (Marine Corps Base), San Diego.

The work consists of the alterations and additions to the present piping in an existing water manhole to provide an additional 8-in. pressure-reducing valve and strainer. The work includes in general the removal of the existing piping and appurtenances and the furnishing of new pressure-reducing valve, new strainer, new valves, pipe and pipe fitting and the installation of the new materials and the reinstallation of a portion of the old material as required to provide the additional equipment.

Plans and specifications obtainable from the above office upon deposit of $10.

LOW BIDDER

NORTH LAS VEGAS, Nevada.—Mullins & Wheeler, 22½ East First South, Salt Lake City, at $25,834, submitted low bid to the Clark Co. Board of County Commissioners, acting as a town council, for the Town of North Las Vegas, Clark County, Nevada, for the construction of the North Las Vegas waterworks project, a WPA job. C. D. Baker, Title Insurance Bldg., 115 S. 4th St., Las Vegas, Nev., engineer. The PWA has allocated to this work a grant of $15,545 and loan of $19,000, the latter to be financed by a bond issue.

34— PARKS AND PLAYGROUNDS

CONTRACT AWARDED

LAURIER, Wash.—Louis Dellvuk, Spokane, Wash., at $413, awarded contract by Treasury Department, for wire fencing at the U. S. Inspection Station, Laurier, Wash.

BIDS WANTED

BELL, Los Angeles Co., Calif.—Until Oct. 15, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Bell. Specifications may be obtained from the Custodian of the building.

35— TUNNELS

BIDS WANTED

ALAMEDA - CONTRA COSTA COS., Calif.—Until October 16, 12 M, bids will be received by the Board of Directors of Joint Highway District No. 13, in the Supervisors' rooms, Hall of Records, Oakland, under Schedule "A," for the completion of excavation and concrete arch ring lining, in the Broadway Low Level Tunnel.

Bids will be taken as follows:

(1) Lump sum, excavation and lining;
(2) 335,000 lbs. reinforcing steel in place.

Plans and specifications obtainable from the office of Chief Engineer Wallace B. Boggs, 1448 Webster St., Oakland, upon cash deposit of $50.

COMPLETION SCHEDULE

ALAMEDA - CONTRA COSTA COS., Calif.—Board of Directors of Joint Highway District No. 13, Wallace B. Boggs, Chief Engineer, has announced that the district will proceed with completion of the Broadway Low Level Tunnel under eight segregated contracts.

The work has been divided into schedules as follows:

Schedule "A"—Completion of excavation and concrete arch ring lining; bids to be opened October 16 at 12 M.
Schedules "B" and "C"—Completion of partially constructed tunnel work.
Schedule "D"—Completion of ventilation building.
Schedule "E"—Completion of ventilation, mechanical and electrical equipment.
Schedule "F"—Carbon monoxide detectors and recorders.
Schedule "G"—Highway construction.
Schedule "H"—Structural steel. 15

BIDS OPENED

WASHINGTON COUNTY, Utah.—Reynolds-Ely Const. Co., Springville, Utah, at $226,423.95 submitted low bid and recommended for award of contract by the Bureau of Public Roads B. J. Finch, District Engineer, Federal Bldg., Ogden, Utah, for tunnel lining or improving 1.155 miles of the East Rim Road, Project 1-A2 and 3, Zion National Park, Washington Co., Utah.

The principal items of work involved are:

(1) 270 c.y. gallery excavation;
(2) 3,298 l.f. tunnel enlargement;
(3) 465 l.f. removal of timber tunnel lining;
(4) 1,644 l.f. Type A tunnel lining;
(5) 750 c.y. concrete in Type B lining;
(6) 520 c.y. concrete in galleries;
(7) 252 l.f. concrete in Type C lining;
(8) 468 c.y. concrete in Type D lining;
(9) 114,620 lbs. structural steel;
(10) 567,400 lbs. reinforcing steel;
(11) 155 l.f. remove concrete curb;
(12) 155 l.f. concrete curb;
(13) 530 c.y. gunite;
(14) 500 c.y. sand backfill;
(15) Extra work, repacking.

Total bids follow:

Reynolds - Ely Constr. Co., Springville	$226,423.95
W. W. Clyde & Co., Springville	228,207.40
Barnard - Curtiss Co., Minneapolis, Minn.	269,301.90
T. G. Rowland, Salt Lake	271,477.31
Case Const. Co., Inc., Alhambra, Cal.	322,956.55
F. S. Whiting, Kaysville	442,946.00
Engineer's estimate	250,482.50

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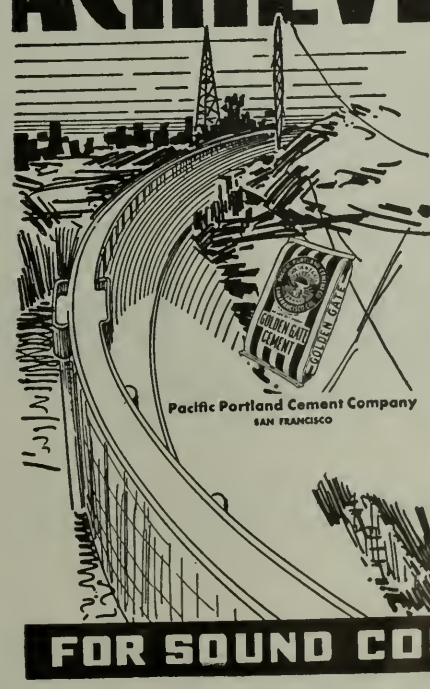

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October 10, 1936

Vol. XIX—No. 40

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PACIFIC COAST MONTH'S PERMITS OVER $21,000,000

Building Volume Reaches New High; Fourth Quarter Prospect Good

Pacific Coast building permits in September reached their highest monthly total since the current uptrend began, with principal city and county inspection departments in seven states reporting 13,872 permits issued for work to cost $21,093,333. Revised figures for August from the same group of cities give a total of $20,991,610 making it the second best month of the year to date.

The September total makes a better comparison with the corresponding month of 1935 in percentage than either July or August, exceeding the 1935 month total by more than 100 per cent.

Last month's awards help to boost the third quarter total to the highest level for any three-month period in recent years. The year's total to date already exceeds the entire 12-month business of 1935 by approximately $40,000,000, with the prospect that the fourth quarter will establish a new high level. Contracts probably will be recorded before the end of the year for both the $6,000,000 Federal building in Los Angeles and the $2,000,000 state capitol at Salem, which will increase the normal permit totals in each area to an exceptionally high figure. These two awards will more than balance the total of public work in any previous quarter this year.

Meanwhile privately financed work has reached an important volume again, with residential work accounting for more than half the total in most cities. San Francisco last month reported a total of $944-316 in permits issued, virtually all of which is private building. New residential work, including both single- and multi-family dwellings amounted to $528,250. In Oakland the residential total was $359,259 in a month's total of $828,616. Los Angeles reported 43 per cent of the month's work covered new dwellings. Permits were issued for 855 family units, including 640 single dwellings, 64 duplex dwellings and apartments to accommodate 151 families.

CITY RESTORES 8-HOUR DAY ON PUBLIC WORKS

Labor Shortage For World's Fair Buildings Averted By Action

The eight-hour day and 40-hour week on public works contracts in the city and county of San Francisco will be restored as soon as an amendment adopted Monday night by the board of supervisors becomes effective. The board's action terminates the six-hour day in all building trades except those which have an agreement with employers for a shorter day.

The ordinance will be presented in ten days for final passage and will be effective thereafter as soon as it is approved by the mayor. Immediately affected will be the contracts of MacDonald & Kahn Company for constructing two hangars, and of Clinton Construction Company for the airport terminal building on Yerba Buena Shoals. Other contracts for World's Fair building involving public funds will be advertised on an eight-hour basis, as will the forthcoming school building program.

Action of the supervisors is recognition of the shortage of skilled labor prevailing in the building trades, brought to the attention of the board of contractors' organizations and the chamber of commerce. Continuation of the six-hour day, it was pointed out, would delay public works contracts seriously and possibly increase the cost to a prohibitive level.

FOUR ELECTED S. F. EXCHANGE

Election of four new members to the San Francisco Builders' Exchange is announced in the monthly report of E. M. Hundley, secretary. The members-elect are: J. L. Ash & Co., wall paper and paint dealers, 1062 Mission St.; Carlen Construction Co., general contractors, 112 Seventh Ave.; Levy Elec. Co., electrical contractors, 1107 Bush Street; Rhodes & Kennedy, Inc., building material dealers, 101 Fourth Street, Oakland.

CONFERENCE VOTES HURLEY SECOND TERM

Building Officials Reelect Other Officers; Convention Adjourns

Building Inspector A. J. Hurley of Richmond was re-elected unanimously to serve a second term as president of Pacific Coast Building Official's Conference at the final business meetinng held in the Palace Hotel yesterday.

City Engineer Frank H. Clough of South Pasadena was re-elected first vice-president, and David H. Merrill of Los Angeles was returned to the position of managing secretary-treasurer for a second term.

L. A. Ferris of Reno was elected to the post of second vice-president, previously held by Chas. H. Williams of Olympia. Clyde Derlam became a member of the southern section of the Executive Committee, taking the place of F. H. McMahon of Pomona. Mr. Derlam is the building inspector of Los Angeles County.

The following were re-elected to the Executive Committee for 1936-1937; H. E. Plummer, Portland; A. Haggart, Vancouver, B. C.,; and C. S. McCormick, Tacoma, for the northern division; E. Curtis Neal, Fresno; W. T. Hedgcock, Denver; and L. Harold Anderson, Palo Alto, for the central division; and J. H. Park, Compton, and Walter Putnam, Pasadena, for the southern division.

C. L. Baker of Modesto became permanent sergeant-at-arms.

Bids for the 1937 meeting were made by San Diego, Long Beach, San Bernardino, Coronado, Los Angeles and Oakland. The decision as to the next convention city will be made by the executive committee at a later date.

At a morning session suggested changes in the Uniform Building Code were offered and voted on. A majority of the proposals, some of which had been on file since a time sixty days prior to the meeting, were approved. They were for the most part amendments intended to clarify the present code or to bring it up to date. No radical changes were made.

SUPERVISORS ASK GRANTS FOR SCHOOLS

Five Building Projects Listed In City's Application To PWA

The San Francisco Board of Supervisors has approved on first reading the application for a PWA grant to aid in financing five school projects.

The application came up for approval for the first time September 28, but was held over due to a request by Francis Scott Key Parent Teachers Association that the proposed $60,000 auditorium for the new school be included in the application.

The request was denied at a meeting of the Board of Education and the application was returned to the finance committee which approved it in the original form and submitted it to the supervisors.

The projects listed in the PWA request are: auditorium and equipment for the Portola Junior High School, $77,654; athletic field, gymnasium and equipment for the Geo. Washington High School, $293,000; boys gymnasium and equipment for Lowell High School, $139,596; 4-room addition to Franklin Grammar School, $42,415; and buildings for the Junior College Division of the San Francisco Unified District, $948,699.

A resolution requesting that the Francis Scott Key auditorium be included in the list of sufficient funds are granted was referred to the finance committee.

Since the application was drafted the Board of Education has requested that City Architect Sawyer draw up plans for the Lowell High School gymnasium which probably will be built regardless of the result of the PWA application.

Electrician's Pay Rate Increased In Sacramento

A wage rate of $1.25 per hour for electricians employed on public works contracts for the city of Sacramento has been set by the city council. The rate will prevail on the fire alarm system contract for which bids will be receivd Oct. 22.

In fixing the rate of pay the council overruled a recommendation of the civil service commission that the pay for outside employment be $1.02 an hour and that apprentice linemen be paid $5 a day. The rate for apprentice employment was set at $5.50.

By previous action the council had set a rate of $1.25 an hour for electrical workers on inside employment, but extended the order to include outside work to clarify the wage scale classifications on the alarm system contract.

Revise Rules for Reporting Payrolls To State Board

Amendments of the rules regulating payroll reporting and filing notice of termination were adopted by the State Unemployment Reserves Commission at a meeting in Sacramento, October 3.

Following is the text of the new regulations:

Payroll Reporting Procedure

"Employers subject to the act may, in lieu of filing Notices of Termination, now revised and termed 'Employment Severance Report,' transmit a copy of their payroll to the Commissioner. Where an employer has more than one payroll period during the month a recapitulation of the monthly payroll is not required, a copy of the successive payroll periods occuring during the month will suffice.

"The employment record of employees severed from the payroll during the month must be indicated on the report filed. This information may be provided in an appropriate column or in a summary of names at the bottom of the payroll form or upon a schedule attached thereto.

"No particular payroll form is necessary, if the basic requirements furnished on employment severance reports are available. The personal history of an employee is not necessary for the computation of benefit credits.

"No patented or 'official' payroll forms have been approved or recommended. However, the Commission has prepared a simple form which is available upon request.

Use of Severance Reports

"Where any employer uses the Employment Severance Report for filing payroll data with the Commission, in lieu of transmitting copies of payroll, it is mandatory that Employment Severance Reports be of the same size and weight of paper and imprinted to the specifications of the official revised Employment Severance Report issued by the Commission.

"The approved form is the only official Employment Severance Report used in the administration of the Unemployment Compensation Law of this state and a limited number of samples will be given each employer.

"Printers are hereby advised that no other form will be accepted, nor may employers add any other information not contained on the Employment Severance Report issued and approved by the Commission.

"Such revised Employment Severance Report shall contain spaces to provide for employee's number, employee's name, address, city and position or nature of work; employer's number, name, address, city and location of employment; date of employment if after January 1, 1936; date of severance; wages (cash or check) paid; other remuneration; total wages paid; total weeks worked; total hours worked; amount of contribution deducted; reason for severance — pensioned, death, transferred out of state, and other reasons; signature of employee; signature of employer and a calendar on the reverse side providing space for hours worked and wages paid by weeks of the year."

A.G.C. CHAPTERS PLAN RECEPTION FOR PRESIDENT

National Executives Visiting West; To Be Guests Here October 16

W. A. Klinger, national president, and Edward J. Harding, managing director, of the Associated General Contractors will be honored at a banquet tendered jointly by the Northern and Central chapters of the A.G.C. when they arrive in San Francisco, next Friday.

The banquet will be held in the Fairmount Hotel. Mr. Klinger and Mr. Harding will be met by a committee of directors from both chapters when they arrive from Portland and will be escorted to the hotel where they will be greeted by the chapters' membership. W. A. Bechtel, president of Northern chapter, and K. E. Parker, president of Central chapter, will welcome the national officers on behalf of their respective organizations.

Chapters of A.G.C. throughout the west are entertaining the officers during a 5000-mile tour. Tonight they are to be in Salt Lake City, where a dinner meeting of the Mountain Chapter will be held in the Hotel Utah.

Monday the Spokane chapter will be host. Wednesday they will be in Seattle and Thursday in Portland. There they will be entertained at breakfast by a committee of the Portland chapter directors and a noon luncheon meeting of the chapter will be held. In the afternoon they will visit Bonneville Dam before leaving for San Francisco.

The visit in San Francisco will extend over Saturday and Sunday. A tour of the two bridges and other entertainment is being planned by local chapter officials.

The Southern California chapter has arranged a special dinner meeting for the night of October 20 when they will be in Los Angeles.

LOS GATOS CONTRACT DAMAGE IS $8,800

Damage to the music wing addition of the Los Gatos High School caused by a gas explosion September 25 has been appraised by insurance adjusters at $8800.

The explosion is attributed to a leaking gas main which permitted gas to collect in the basement of the new wing. It was ignited by an electric spark. The resulting exposion injured John D. Carlson, San Jose general contractor, and eleven of his workmen, all of whom are recovering.

Paul N. Anderson of San Jose will be in charge when construction on the building is resumed, Mr. Carlson announced. He is still confined to the O'Connor sanitarium where he was taken after the accident.

A. G. C. To Study Patman-Robinson Act Effect On General Contractor Buying

Possible effect of the Patman-Robinson price discrimination act, passed at the last session of Congress, upon buying by contractors, is being studied by the Associated General Contractors of America, it is announced in the August issue of The Constructor, official publication of the association. This act amended the Clayton Act of 1914 which prohibited price discriminations. Under the Clayton act only the seller was held responsible for price discriminations; under the Patman-Robinson act the purchaser is also held responsible and the burden of proof that he was not a party to violation of the law is placed upon him.

Enforcement of the new act may compel a complete revision of the methods of distribution and in the price differentials of construction materials, it is indicated. The new law will be administered by the Federal Trade Commission which has already announced that it cannot give informal opinions upon questions raised regarding its scope and application, but that it can only consider complaints filed with it of alleged violations of law following the regular procedure in investigating and passing upon complaints.

"The amendments made in the Clayton Act by the Patman-Robinson bill," states The Constructor, appear to have greatly broadened the application of the act in price discriminations, limited in the field of price differentials to various classes of buyers, prohibited the granting of discriminatory commissions and services to the buyer, made the act apply to any person knowingly receiving an unlawful discrimination, placed the burden of proof that price discrimination did not exist upon the accused, and prescribed criminal action and penalties for certain violations for which no provision was made in the original Clayton Act.

"Although it is probable that the nature of the selling engaged in by a general contractor is such that the act will not apply to the transaction, it is immediately apparent that, since the purchaser who knowingly receives an unlawful price discrimination is subject to the penalties for violation of the act, general contractors may be directly affected in their purchasing transactions by the amended Clayton Act, and should familiarize themselves with the practices of those from whom they purchase, in order to avoid the necessity of proving that they did not knowingly receive an unlawful price discrimination from a person engaged in commerce. Inasmuch as the amended act greatly limits the discretion of a seller in the making of differentials in price between different classes of customers, the general contractor may be affected by such changes as may be made in the price structure and distribution of construction materials and equipment.

"It may develop that the provisions of this act will, in some instances, enable the contractor to obtain better differentials in price as compared with the consumer in recognition of his continuous purchasing in large volume, because it might be possible to show, in some instances, that it was an unlawful discrimination to grant too low a price to the consumer as compared with the contractor. As an example of the possible effect, one might raise the question as to whether the lower prices quoted governmental agencies make only due allowances for the lowered cost of manufacture, sale or delivery, and whether the seller can justify the present differentials allowed to the government agencies. These new provisions in the act may afford the contractor a better protection against price differentials, which allow the dealer a greater margin than the service he performs in selling and delivering the material actually warrants.

"It would appear that the new act holds out a number of possibilities for correcting the discrimination resulting through sales to the combination contractor - material dealer, since the amended act prohibits the granting or payment of commissions or brokerage, or other allowances to persons acting for and in behalf of the purchaser. Perhaps this provision, with others, will make it possible for the contractor to obtain as favorable a price as the combination contractor-dealer.

"For many years contractors have contended, through their associations, that as a fabricator and continuous purchaser of a large volume, the contractor was entitled to receive a better price than is granted on casual purchases of the consumer. It would now appear that the amended act may prohibit the inducing or receiving of any price differentials, excepting such as can be proved to make due allowances only for the lesser costs of producing, distributing or selling to the general contractor as compared to the consumer.

"For a number of years, general contractors also have contended that some of the price differentials granted to distributors and dealers of construction materials, as compared to the prices granted contractors, were unwarranted, since they made more than a due allowance for the difference in cost of selling or delivering to the contractor as compared with the dealer. It would now appear that, under the provisions of the new act, contractors may obtain relief from any such unjustified differentials by carrying their case to the Federal Trade Commission, and thereby requiring the manufacturer or distributor to establish proof that the differential makes only due allowance for the cost of selling and delivering."

BUREAU ASKING BIDS FOR TWO PROJECT DAMS

Montana & Texas Reclamation Structures On Market This Month

Contracts for construction of two dams on projects in Montana and Texas are being advertised by the U. S. Bureau of Reclamation for bids to be received during October.

On October 20 bids are to be opened at Austin, Texas, for construction of the Marshall Ford Dam on the Colorado River Project, the work being located near Austin. Bids will be received by H. P. Bunger, construction engineer.

Principal construction items in this contract include 765,500 cubic yards excavation; placing 968,980 yards of concrete and 210,000 cubic feet of pressure grouting.

The contractor will place 5,300,000 pounds of reinforcing bars to be furnished by the bureau and will install metalwork, also to be furnished, including 20,000 pounds of trash racks; 430,000 pounds of paradox gates and operating mechanism; 1,150,000 pounds penstock pipes; 440,000 pounds bulkhead and gates; 660,000 pounds metal pipe, fittings and valves.

The contract is to be completed in 900 days from receipt of notice to proceed.

Bids will be opened in Malta, Montana, October 30, by H. H. Johnson, superintendent of the Milk River Project, for constructing the earth-fill Fresno Dam.

Principal items include 184,000 cubic yards stripping; 521,400 cubic yards open-cut excavation; 1,975,000 cu. yds. excavation from borrow pits; 36,000 cubic yards excavation; 1,725,000 cubic yards of placing earth-fill embankment; 147,000 cubic yards rock fill on downstream slope of dam embankment; 50,100 cubic yards riprap; 4,500 cubic yards tunnel excavation.

The contractor will place 1,100 cubic yards concrete tunnel lining; 12,905 cubic yards concrete in other structures; 1,730,000 pounds reinforcing bars, and install 115,000 pounds steel tunnel liner plates; 571,200 pounds metalwork.

TULARE POWER BOND PROPOSAL DEFEATED

A bond issue proposed for the acquisition of the distributing system of the Southern California Edison Company in Tulare was defeated at a special election by a narrow margin. The vote was 1,101 in favor and 570 opposed, failing of the necessary two-thirds majority to carry by 13 ballots. Value of the property acquired recently was set at $228,700 by the State Railroad Commission. City officials stated a second election might be called.

PWA Allots Grants In Northern California To Release $350,000 New Construction

Allotments to three Northern California construction projects were announced yesterday by State PWA Director A. D. Wilder, promising the release of $350,000 for work to be contracted.

The city of Sacramento received a grant of $72,500 toward completion of the Jibbom Street grade separation project, a portion of which is being constructed with Works Program and state highway funds. The city has $91,540 in bonds voted for the improvement to be sold when the PWA grant was allotted.

The money will be used to construct an approach viaduct from Third Street to the I Street bridge over the Sacramento River, connecting at the bridge head with a similar viaduct on Jibboom Street under construction for the State Division of Highways. Lord and Bishop, Sacramento, are contractors on the Jibboom Street viaduct, which will cost approximately $169-000. Plans for both units of the improvement were prepared by the State Division of Highways.

Bids probably will be asked immediately on the Third Street approach, city officials said. Allocation of PWA funds to the project releases for other work $70,000 in the city's gasoline tax fund which had been budgeted tentatively to complete the improvement if the PWA grant was not received.

A grant of $71,235 to Redwood City also was reported yesterday by Mr. Wilder as having received final approval in Washington for construction of initial units of the municipal harbor. The city will be ready to commence work as soon as court action to validate a bond issue of $266,000, voted last June, is completed. The city council is pledged to cancel $66,000 of the bond issue, which was not to be sold in the event the PWA grant was approved.

The PWA money will be added to $100,000 of bond proceeds to construct the port terminal facilities. With the balance of the bond money the city is to match $94,000 allotted by the War Department for channel and turning basin dredging which it is estimated will cost $188,000. The dredging contract will be let by the U. S. Engineers.

City Engineer Charles Dimmitt has prepared preliminary plans for the terminal structures, which include a wharf, transit shed, spur track and roadway connections.

A third California grant from PWA announced yesterday is for $20,450 toward a sewage disposal plant and sanitary sewer system to be constructed by the city of Parlier, Fresno County. Plans have been completed by Dan W. Chamberlin, Fresno consulting engineer.

$175,000 NEW HOMES IN VALLEJO TRACT

Twenty-nine new dwellings to cost $175,000 are being built in the Fleming subdivision at Vallejo, according to James V. O'Hara, Vallejo real estate dealer.

ICKES ASKS INQUIRY ON SUPPLY BIDS

Identical Proposals On Two Contracts For Reclamation Service To Be Investigated

Investigation of identical bidding on materials to be purchased by the U. S. Bureau of Reclamation under two contracts has been asked by the U. S. Attorney General by Secretary of the Interior Harold L. Ickes.

"These are cases of close collaboration, to use no stronger term," Secretary Ickes said in announcing his action. "The circumstances are a little different, however, than in some instances of apparent collusive bidding in the past. In each of these new cases, while most of the bids were identical, at least one bidder submitted different and lower figures and both contracts are being awarded."

The Nehring Electrical Works of DeKalb, Illinois, was awarded the contract for supplying copper cable and wire for the transmission line on the North Platte Federal Reclamation project on its low bid at destination of $16,487.69. However, of the 14 proposals received by the Bureau of Reclamation at its Denver office August 20 as a result of the inviation, seven offered goods at a delivered cost amounting to $16,501.51 and two additional bidders offered goods at an identical delivered cost of $16,-506.16.

The M. B. Austin Company of Chicago, was awarded the contract for supplying steel tubing for the Grand Coulee Dam, Columbia Basin Federal Reclamation project, Washington, on its low bid of $19,-741.97 for the equipment delivered at Odair, Washington. The M. B. Austin Company and the Triangle Conduit & Cable Co., Inc., of Brooklyn, New York, both submitted bids of $17,580.80 f.o.b. Moundsville, W. Va., but the bid of the former showed a guarantee weight of 290,-675 pounds, while the bid of the latter showed a guaranteed weight of 290,912 pounds. This difference in weights made the bid of the M. B. Austin Company low when the delivered cost was computed. Of the ten proposals received by the Bureau of Reclamation at its Denver office August 27 for the steel tubing, seven were identical with a delivered cost of $22,013.22.

GATE BRIDGE DECK CLOSURE IN ONE MONTH

1200 Feet of Center Suspension Span Erected By Contractor

More than 5500 tons of steel deck beams and stiffening truss members have been erected in the Golden Gate bridge suspension structure according to the weekly progress report of Chief Engineer Jos. B. Strauss. More than 1200 feet of center span structure and 400 feet of the back spans were in place at the end of the week. Present progress indicates that Bethlehem Steel crews will close the center span in approximately one month.

Work this week is centered on the back spans in order to maintain a balance and avoid distortion of the cables.

But two more spans remain to be completed on the south approach viaduct, which is now well over the south anchorage and cable housing, while paving of the completed north approach viaduct is under way.

Erection of steel for the big arch over Fort Winfield Scott on the San Francisco side of the Golden Gate is progressing rapidly and the structure is commencing to take form so that it may be seen from the north bay ferries.

Steel for the high viaduct of the east approach through the Presidio is completed with the exception of one span and riveting and paving gangs are following close behind the erection crews.

Work on the Sausalito lateral approach is going ahead full speed this week as is work on the main Waldo approach, being built by the State Department of Public Works.

The employment roll remained at the approximate high mark of 1250, according to the chief engineer.

STATE JURISDICTION DENIED ON U. S. JOB

Lack of a state contractors' license is not ground for disqualifying bidders on government contracts, if the work is located on a government reservation, Acting Chief Engineer S. O. Harper of the U. S. Bureau of Reclamation has advised the state contractors' license bureau.

The question was taken up with the bureau by Assistant Registrar Glen Slater in connection with the bidding on the Boca Dam contract. Mr. Haper replied that the "question of registration is not a matter in which the government is directly concerned" and pointed out that work at Boca would not be within the state's jurisdiction since it is located on property owned by the government.

Contractors bidding on government contracts located on government property are specifically exempt from the state licensing regulations, leaving the state registrar wholly without authority unless government agencies require the license.

MANY PERMITS FOR BILLBOARDS TO BE CLEARED

Defeat Restricting Ordinance Ends Delay In Erecting Signs

The San Francisco Board of Supervisors Monday night defeated an ordinance which would have prohibited billboards in the vicinity of the bay bridge approaches by a vote of 8 to 3.

The ordinance as originally presented prohibited billboards within 800 feet of the approaches. An amendment proposed by Supervisor Uhl limiting the prohibited distance to 382 feet was passed but failed to influence the final vote.

The Board's action make certain the approval of 16 permit applications now before the Board of Permit Appeals at a hearing to be held October 19, since there is no ordinance prohibiting the erection of the proposed billboards.

Of the 16 applications before the Board, nine are presented by Foster and Kleiser Company. The West Coast Advertising Company has applied for two permits, and the Electrical Products Company for five.

The largest single application is made by Foster and Kleiser Company for a sign estimated to cost $5,625 to be erected at 274 Brannan Street. Other billboards costing $3,750 and $2,825 are also awaiting approval. The total cost of the nine billboards to be built by Foster and Kleiser Company amounts to $21,300.

The Electrical Products Co. will build one billboard for the Regal Amber Brewing Company costing $1,000, and another for Schwabacher-Frey estimated at $850. Total cost of the five signs for which permits have been asked is $3,225.

The West Coast Advertising Co. has applied for two signs to be located near the bridge approach costing $400 each.

The permits were applied for September 8 and were denied by Director William H. Worden of the Department of Public Works. The sign companies appealed to the Board of Permit Appeals who delayed action while organizations including the Junior Chamber of Commerce and the City and County Federation of Women's Clubs endeavored to influence the Board of Supervisors to pass the ordinance prohibiting billboards within 800 feet of the bridge approaches.

MERCED BUILDERS RE-ELECT OFFICERS

Members of the Merced Builders' Exchange re-elected their officers at the annual meeting. The officers are Mark B. Folsom, president; J. E. Fritz, vice-president; Walter S. Found, secretary; Luther Sorenson, treasurer. In addition to the officers the following are members of the executive committee: James Balame, J. Y. Burton, J. Walton Huffman.

Los Angeles Lists $8,241,000 Projects For New Biennium

Street improvement and grade separation projects to cost $8,241,593 have been selected by the Los Angeles City Council to be submitted to the State Highway Commission with a request that they be included in the 1937-39 budget. Thirty - six street improvement projects and nine grade separation structures are proposed.

Grade separations include a viaduct on Aliso Street over the Santa Fe and Union Pacific tracks to cost $1,500,000 in addition to $500-000 for right-of-way.

Cost of street improvements is estimated at $4,594,393 for construction and $542,200 for property. Cost of grade separations is estimated at $2,505,000 for construction and $600,000 for right-of-way.

General Electric 3rd Quarter Orders 38% Over 1935

Orders received by the General Electric Company during the third quarter of 1936 amounted to $74,-922,441, compared with $54,400,819 during the third quarter of 1935, an increase of 38 per cent, it is announced by President Gerard Swope.

Orders received during the nine months amounted to $211,891,038, compared with $158,943,765 during the nine months last year, an increase of 33 per cent.

Orders received during the third quarter and first nine months of this year were larger than for any respective period since 1930.

Nevada Unions Protest Wages On Boca Dam

The Reno Building Trades Assembly has filed a protest with the U. S. Bureau of Reclamation in Washington against the wage scale fixed for the Boca Dam contract, according to word received in Reno.

Objection was made to minimum rate of 45 cents an hour for unskilled labor specified by the Bureau in accordance with PWA regulations. The work is being financed by a PWA loan and grant. The labor assembly asserts that the prevailing minimum for common labor in Reno and vicinity is 62½ cents.

KERN COUNTY TO RESTRICT CONSTRUCTION

Planning Commission Will Supervise Architecture On Highway Frontage

All building in the unincorporated area of Kern County will be subject to regulation by the county planning commission under a new ordinance adopted by the Kern board of supervisors which becomes effective next week. The ordinance establishes zones in which use restrictions will be effective and imposes architectural supervision over construction fronting the Golden State highway.

Permits for building involving expenditure of more than $25 must be procured from the planning commission. Every permit application must be accompanied by a drawing in duplicate, drawn to scale, showing the lot and building site and proposed location of the building.

If the application covers property fronting on a highway it must be accompanied by sketches showing the front, sides and rear elevations as they will appear after the work for which the permit is sought is completed. The ordinance states: "Such drawings or sketches shall be considered by the planning commission in an endeavor that such buildings, structures and other improvements shall be so designed and constructed that they will not be of unsightly, undesirable or obnoxious appearance to the extent that they will hinder the orderly and harmonious development of the county, impair the desirability of residence, investment or occupation in the county as appearing to travelers passing through or traveling in the county, limit the opportunity to attain the optimum use and value of land and improvements, impair the desirability of living conditions in the same or adjacent agricultural or residential areas, and/or otherwise adversely affect the general welfare.

"To this end the planning commission shall suggest any changes in the plans of such proposed buildings, structures and other improvements which it may deem to be necessary to accomplish the purposes of this section, and shall not approve any such plans until it is satisfied that such purposes will be accomplished thereby."

Appeal from decisions of the planning commission may be taken to the board of supervisors.

THREE CERTIFICATES ISSUED BY BOARD

Provisional certificates were granted three candidates by the State Board of Architectural Examiners at their last meeting in San Francisco. The following received certificates: Frank Wynkoop 125 N. Angus St., Fresno; W. Allen Sir Francis Drake Hotel, San Francisco; Curtis C. Maybach, 2430 Oregon St., Berkeley.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2001	Roman	Owner	2000
2002	Capital	Sullivan	1800
2003	Sbarboro	Owner	5000
2004	Morgan	Sterling	2700
2005	Johnson	Owner	4000
2006	Yates	Johnson	8000
2007	McAllister	Bay	1000
2008	Hearst	Bethlehem	8000
2009	Hearst	Owner	9000
2010	Doelger	Owner	4000
2011	Doelger	Owner	4000
2012	Doelger	Owner	4000
2013	Arnott	Owner	3000
2014	Wolter	Owner	5000
2015	Sahlein	Unit	6600
2016	Sandeen	Owner	4000
2017	Fox	Hopper	1600
2018	Blair	Progressive	4000
2019	Greenberg	McFarland	7000
2020	Weed	Owner	3000
2021	Richmond	Smith	3125
2022	Osterlund	Owner	5000
2023	Higgins	Owner	4000
2024	Anderson	Owner	3250
2025	Marcum	Thomas	2000
2026	Reichlin	Gettins	1000
2027	Pacific	Larsen	4000
2028	Leonetti	Owner	3500
2029	Zimmerman	Miller	1200
2030	McKay,	San Francisco	2000
2031	Devincenzi	Owner	3000
2032	Raffanti	Folitti	2000
2033	Hogrefe	Owner	4500
2034	Swift	Monson	7500
2035	Geheran	Owner	3950
2036	Purdy	Owner	1500
2037	Coffin	Cahill	175000
2038	Antongiorenni	Faggioni	4000
2039	Moore	Hardy	1985
2040	Pomerantz	Gundling	11000
2041	Hogrife	Owner	4500
2042	Bacchi	Soracco	1500
2043	Bacchi	Soracco	1500
2044	La Faurie	McSheehy	2250
2045	Daly	Perkins	7800
2046	Merchants	Meinberger	2500
2047	Union	Early	5000
2048	Amberd	Johnson	1900
2049	Rued	Owner	2500
2050	Mohawk	Fisher	6000
2051	Stoneson	Owner	6000
2052	Railway	Peterson	4500
[illegible]	[illegible]man	McCarthy	3000
2054	Burns	Bay	5000
2055	Gateway	.....	10,000
2056	Lindgren	Gladstone	1000

SISTERS' HOME
(2001) W. TREAT, 350 S PRECITA. Two-story frame sisters' home.
Owner—R. C. Archbishop of S. F., 1100 Franklin.
Architect—John J. Foley, 770 Fifth Ave. $2000

ALTERATIONS
(2002) SE COR. 10TH AND MARKET ST. Alter dance hall.
Owner—Capital Co., 625 Market St.
Contractor—D. J. and T. Sullivan, Inc., 1942 Folsom.
Architect—Not Given. $1800

RETAINING WALL
(2003) SO. LINE VALLEJO ST., bet. Divisadero and Scott. Retaining wall.
Owner—Sbarboro & Jorgensen, 207 Walnut St.
Engineer—L. H. Nishkian, Underwood Bldg.
Architect—Not Given. $5000

GARAGE
(2004) Rear 1299 LOMBARD. Class C garage.
Owner—Drs. Norman and Morgan, 42 Loyola Terrace.
Contractor—Sterling Concrete Co., 735 Baker.
Architect—Not Given. $2700

DWELLING
(2005) N. 17TH, 153 E SCHRADER. One-story and basement frame dwelling.
Owner—F. and H. Johnson, 332 Eugenia.
Architect—Not Given. $4000

OFFICE BLDG.
(2006) W. POTRERO, 58 N 15TH. One-story Class C office bldg.
Owner—G. R. and E. T. Yates, care Contractor.
Contractor—Louis Johnson, 666 Mission.
Engineer—H. A. Emmick, 1280 Indiana. $8000

ALTERATIONS
(2007) 1629 PINE ST. Alter storage.
Owner—James McAllister, Inc., 1200 Van Ness Ave.
Architect—Not Given.
Contractor—Bay Cities Bldg. Co., 160 Russ St. $1,000

RADIO AERIAL
(2008) WEST SIDE BAY VIEW PK. Radio aerial.
Owner—Hearst Radio, Inc., Hearst Building.
Architect—Not Given.
Contractor — Bethlehem Steel Company, 20th and Illinois. $8000

BROADCASTING STATION
(2009) W BAY VIEW PK. Broadcasting station.
Owner and Builder—Hearst Radio, Inc., Hearst Bldg.
Architect—Julia Morgan, 1135 Merchants Exchange Bldg.
Engineer—Walter L. Huber, 1st National Bank Bldg. $9,000

DWELLING
(2010) E 17th AVE. 500 S Moraga. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(2011) E 17th AVE. 550 S Moraga. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(2012) E 17th AVE. 525 S Moraga. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(2013) E CECILIA 214 S Rivera. One - story and basement frame dwelling.
Owner and Builder—Jas. Arnott and Son, 633 Taraval.
Architect—Not Given. $3,000

DWELLING
(2014) W MAYWOOD 425 N Brentwood. Two-story and basement frame dwelling.
Owner—Paul A. Wolter, Jr., 190 Maywood.
Architect—Earl McDonald, 110 Sutter St. $5,000

ALTERATIONS
(2015) 2526 MISSION. Alter store.
Owner—Caroline Sahlein, premises.
Contractor—Unit - Bilt Fixture Co., 2665 Jones St.
Architect—Not Given. $6,600

DWELLING
(2016) E LOPEZ 140 N Castenada. Two - story and basement frame dwelling.
Owner—Lucy H Sandeen, 75 Lopez.
Architect—Conrad T. Kett, 519 California Street. $4,000

ALTERATIONS
(2017) 965 MARKET ST. Alter theatre.
Owner—Fox West Coast Theatres, 988 Market Street.
Contractor—Alf. Hopper, 1769 Pleasant Valley Ave., Piedmont.
Architect—A. A. Cantin, 64 Pine St. $1600

DWELLING
(2018) E STANYAN 231 N Turk St. One - story frame and basement dwelling.
Owner—Walter Blair, 564 Scott St.
Contractor — Progressive Bldg. Co., 231 Bosworth.
Architect—D. E. Jaekle, 126 Post St. $4,000

SERVICE STATION
(2019) SW VALENCIA and Hill. One-story steel service station.
Owner—Greenberg Tire Co., 1058 Valencia Street.
Contractor — J. H. McFarland, 710 47th Avenue.
Architect—Noble and Archie T. Newsom, Russ Bldg. $7,000

DWELLING
(2020) N HALE 50 W Boylston. One-story and basement frame dwelling.
Owner and Builder—Weed and Reno Chiarello, 1024 Bowdoin Street.
Architect—Not Given. $3,000

ALTERATIONS
(2021) SW ARGUELLO & CLEMENT. Alter hall and stores.
Owner—Richmond Masonic Temple, Prem.
Contractor—J. F. Smith, 271 Minna.
Architect—Bernard Joseph, Call Bldg. $3,125

DWELLING
(2022) SW KENSINGTON WAY, 98 SE PUBLIC PARK. One-story and basement frame dwelling.
Owner—Erick A. Osterland, 663 Valencia.
Architect—Not Given. $5000

ALTERATIONS
(2023) 85 URANUS. Alter dwelling.
Owner—T. N. Higgins, Prem.
Architect—Frank Dakin, 625 Market Street. $4,000

DWELLING
(2024) [illegible] 29TH AVE, 175 S RIVERA. One-story and basement frame dwelling.
Owner—N. W. Anderson, 2427 24th Avenue.
Architect—Not Given. $3250

ALTERATIONS
(2025) 445 26th AVENUE. Alter dwelling.
Owner—C. E. Marcum, 335 27th Ave.
Contractor—J. C. Thomas, 452 42nd Ave.
Architect—Not Given. $2,000

SERVICE STATION
(2026) NW COR. 22ND AND POTRERO. Steel service station.
Owner—J. A. Reichlin, care Contractor.
Contractor—H. T. Gettins Co., 268 13th St.
Architect—Not Given. $1,000

PUBLIC LIBRARY
PERIODICAL DEPT.

ALTERATIONS
(2027) SE 5th AND HOWARD. Al-
Owner—Pacific Gas & Electric Co., 245 Market.
Contractor—H. H. Larsen Co., 64 So. Park.
Architect—Not Given. $4,000

DWELLING
(2028) W. SCHWERIN, 215 S LELAND. One-story and basement frame dwelling.
Owner—Antonio Leonetti, 458 Leland Ave.
Architect—Not Given. $3,500

ALTERATIONS
(2029) 2424 19TH AVENUE. Alter dwelling.
Owner—C. Zimmerman Prem.; contractor—Miller and McGillis, 527 19th Ave.
Architect—Not Given. $1,200

ALTERATIONS
(2030) 162 20TH AVENUE. Alter dwelling.
Owner—Wm. McKay, 162 20th Ave.
Contractor—S. F. Building & Construction Co., 2212 Polk.
Architect—Not Given. $2,000

ALTERATIONS
(2031) W. SAN BRUNO, 175 S BACON. Alter apartments.
Owner—Louis Devincenzi, 2748 San Bruno.
Architect—Not Given. $3000

ALTERATIONS
(2032) 248 ALHAMBRA. Alter dwelling.
Owner—C. Raffanti, Prem.
Contractor—R. Folitti, 200 Cervantes.
Architect—Not Given. $2000

DWELLING
(2033) W. ROSSI, 38 N TURK. One-story and basement frame dwelling.
Owner—Herman C. Hogrefe, 359 24th Ave.
Architect—John Davis Young, 2002 California. $4,500

ALTERATIONS
(2034) NW COR. 6TH AND TOWNSEND. Alter packing plant.
Owner—Swift & Co., Chicago.
Contractor—Monson Bros., 475 6th St.
Architect—Not Given. $7,500

DWELLING
(2035) W. MONTICELLO, 475 N GARFIELD. One-story and basement frame dwelling.
Owner—Frank J. Geheran, 1329 16th Ave.
Architect—Not Given. $3,950

ALTERATIONS
(2036) 139 BRODERICK. Alter apartments.
Owner—J. F. Purdy, 139 Broderick.
Architect—Not Given. $1,500

OFFICE & WAREHOUSE
(2037) SW BEALE AND FOLSOM. Four-story office and warehouse.
Owner—Coffin Redington Co., 401 Mission.
Contractor—Cahill Bros., Inc., 206 Sansome.
Architect—Fred H. Meyer, Kohl Bldg.
Engineer—L. H. Nishkian, 525 Market. $175,000

DWELLING
(2038) N. GILMAN, 75 E JENNINGS. One-story and basement frame dwelling.
Owner—Angelo Antongiovanni, 564 Lombard.
Contractor—C. Faggioni and J. Barsotti, 1567 Revere Ave.
Architect—Not Given. $4,000

ALTERATIONS
(2039) 310 SANSOME. Alter office.
Owner—Walton N. Moore Co., 310 Sansome.
Contractor—A. M. Hardy, 736 Clementina.
Architect—Not Given. $1,985

ALTERATIONS
(2040) 821 MARKET. Alter store.
Owner—Fred Pomerantz, 731 Broadway.
Contractor—Gundling Bldg. & Const. Co., 206 Pacific Bldg.
Architect—S. Charles Lee, 25 Taylor. $11,000

DWELLING
(2041) W. ROSSI, 66 N TURK. One-story and basement frame dwelling.
Owner—Herman C. Hogrefe, 359 24th Avenue.
Architect—John Davis Young, 2002 California. $4,500

DWELLING
(2042) E. SAN PABLO, 50 N YERBA BUENA. Two-story and basement frame dwelling.
Owner—C. W. Smith, 80 Santa Monica.
Contractor—D. B. Gladstone, 557 Market.
Architect—Henry Gutterson, 526 Powell.
Engineer—Walter Huber, No. 1 Montgomery St. $30,000

ALTERATIONS
(2042) NE Cor BAKER & GREENWICH. Alter dwelling.
Owner—Ray Bacchi, 675 Marina Blvd.
Contractor—F. A. Soracco, 127 30th St.
Architect—Not Given. $1,500

ALTERATIONS
(2043) E. BAKER, 50 N GREENWICH. Alter dwelling.
Owner—Ray Bacchi, 675 Marina Blvd.
Contractor—F. A. Soracco, 127 30th Street.
Architect—Not Given. $1,500

ALTERATIONS
(2044) 288 CLEMENTINA STREET. Alter flats.
Owner—Anna La Faurie, Prem.
Contractor—James B. McSheehy, 137 Clifford Terrace.
Architect—Not Given. $2,250

DWELLING
(2045) S. MAGELLAN, 233 W MONTALVO. Two-story and basement frame dwelling.
Owner—D. Daly, 54 Forestside.
Contractor—E. W. Perkins, 3500 Fulton.
Architect—C. O. Clausen, 746 46th Avenue. $7,800

ALTERATIONS
(2046) 465 CALIFORNIA. Alter office building.
Owner—Merchants Exchange, Prem.
Contractor—H. S. Meinberger, 965 Folsom.
Architect—Not Given. $2,500

SERVICE STATION
(2047) SE COR. LOMBARD AND BRODERICK. Steel service station.
Owner—Union Oil Co., Mills Bldg.
Contractor—Fred J. Early, Jr., 369 Pine St.
Architect—Not Given. $5,000

GARAGE
(2048) 2776 UNION ST. Private garage.
Owner—F. L. Amberd, Prem.
Contractor—Joel Johnson & Son, 1614 Church.
Architect—F. W. Quandt, 401 Phelan Bldg. $1,900

DWELLING
(2049) N. FILBERT, 50 W BRODERICK. One-story dwelling.
Owner—Margaret Rued, 2710 Filbert.
Architect—Bakewell & Weibe, 251 Kearny. $2,500

STORE
(2050) W. VAN NESS AVE., 135 S PACIFIC. One-story frame store.
Owner—Mohawk Petroleum Co., Financial Center Bldg.
Contractor—M. Fisher & Son, 1614 Church.
Architect—Douglas D. Stone, 381 Bush St.
Engineer—Alfred Fisher, 111 Sutter. $6,000

DWELLING
(2051) W. JUNIPERO SERRA, 643 N OCEAN. Two-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $6,000

ALTERATIONS
(2052) 617-49 FOLSOM. Alter office and garage.
Owner—The Railway Express Agcy., 85 Second St.
Contractor—C. H. Peterson, 60 21st Ave.
Architect—Not Given. $4,500

ALTERATIONS
(2053) NE COR. 11TH & NATOMA. Alter store.
Owner—E. Hillman, care Architect.
Contractor—Robert McCarthy, 1363 14th Ave.
Architect—Charles F. Strothoff, 2274 15th St. $3,000

DWELLING
(2054) W. 23D AVE., 50 S SLOAT. One-story and basement frame dwelling.
Owner—M. J. Burns, Ocean Ave.
Contractor—Bay Cities Bldg. Co., 160 Russ St.
Architect—C. O. Clausen, 746 46th Ave. $5,000

STORES
(2055) S. IRVING, 60 W. 22ND AVE. One-story frame stores.
Owner—Gateway Company, 110 Sutter St., Room 711.
Contractor—Not named.
Architect—Not Given. $10,000

ALTERATIONS
(2056) 2720 PIERCE ST. Alter dwelling.
Owner—Charles Lindgren, Prem.
Contractor—D. B. Gladstone, 557 Market.
Architect—Farr & Ward, 68 Post St. $1,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1518	Bargones	Haulman	4500
1519	Downing	Shaw	1040
1520	Davis	Farringer	1450
1521	Zolot	Pickrell	5000
1522	Dole	.....	7000
1523	Pfrang	Owner	5000
1524	Jordan	Haller	6000
1525	Thorning	Tiegland	1400
1526	Johnson	Tieslau	3400
1527	Capital	Owner	1500
1528	Steinhauf	Metz	1350
1529	McLure	Anderson	7000
1530	Lervik	Owner	2500
1531	Bostrom	Owner	3800
1532	Cohn	Rubenstein	1600
1533	Wakefield	Peterson	4000
1534	Fisher	Johnson	2500
1535	Fisher	Johnson	2500
1536	Green	Page	4280
1537	Fong	Soder	40000
1538	Fowle	Stead	1250
1539	Berkeley	Central	160904
1540	Stewart	Jensen	7000
1541	Weisbrod	Shapero	8000

1542	Hall	Stockholm	2900
1543	Brotherhood	Kelly	36300
1544	Kent	Owner	6200
1545	Amer	Owner	1650
1546	Dietz	Reliable	4200
1547	Pond	Steffensen	4000
1548	Scammell	Owner	5000
1549	Breihl	Waring	1200
1550	Padden	Garren	16000
1552	Goldis	White	6000
1553	Ward	Salvanson	2900
1554	Wells	New	3904
1555	Bartholomew	Owner	2000
1556	Asmundson	Pressler	5500
1557	Trotter	Waldman	5000
1558	Finkleman	Early	1000
1559	Curtis	Owner	4000
1560	Garetson	Owner	5000

RESIDENCE
(1518) 2707 OTIS DRIVE, ALAMEDA. One-story 5-room residence.
Owner—L. J. Bargones, 982 Versailles Avenue.
Contractor—P. Royal Haulman, 1243 Broadway.
Architect—Not Given. $4500

ALTERATIONS
(1519) 1826 EIGHTH ST., ALAMEDA. Alterations.
Owner—F. M. Downing, 5572 Fremont Street.
Contractor—Charles F. Shaw, 252 Oakland Avenue.
Architect—Not Given. $1040

ALTERATIONS
(1520) 1616 DAYTON AVE., ALAMEDA. Alterations.
Owner—C. L. Davis, 1616 Dayton Avenue.
Contractor—Farringer & Spaulding, 1511 Union Street.
Architect—Not Given. $1450

DWELLING
(1521) 2960 GIBBONS DR., ALAMEDA. One-story 5-room dwelling.
Owner—Dave Zolot, E. 12th St., at Harrison, Oakland.
Contractor—J. H. Pickrell, 1738 Alameda.
Architect—Not Given. $5000

RESIDENCE
(1522) 642 BLAIR AVE., PIEDMONT. Two-story 8-room residence and garage.
Owner & Builder—L. E. Dole, 3737 utter St., Oakland.
Architect—Not Given. $7000

DWELLING
(1523) 5853 MORAGA AVE., OAKLAND. One-story 6-room dwelling.
Owner & Builder—H. C. Pfrang, 5659 Ocean View Dr.
Architect—Not Given. $5000

DWELLING
(1524) 6101 CONTRA COSTA RD., OAKLAND. Two-story 7-room dwelling.
Owner—J. Taylor Jordan, 1517 Beverly Place.
Contractor—Paul H. Haller, 6221 Buena Vista Ave.
Architect—Not Given. $6000

ALTERATIONS
(1525) 618 VALLE VISTA AVE., OAKLAND. Alterations and additions.
Owner—Florence R. Thorning, Prem.
Contractor—C. M. Tiegland, 4668 Dolores Ave.
Architect—Not Given. $1400

DWELLING
(1526) 1344 ORDWAY, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—Theo. Johnson. 1360 Berkeley Way.
Contractor—Tieslau Bros., 1311 Allston Way.
Architect—Donald Jaekle, San Francisco. $3400

ALTERATION
1527) 3540 BROADWAY, OAKLAND. Alteration and repairs.
Owner—Capital Co., 1212 Broadway, Oakland.
Architect—L. H. Nishkian, 525 Market St., San Francisco. $1500

ADDITION
(1528) 2108 HOPKINS ST., OAKLAND. One-story tile addition.
Owner—Bruno Steinhauf, 855 44th St., Oakland.
Contractor—Paul Metz, 855 44th St., Oakland.
Architect—Not Given. $1350

DWELLING
(1529) 792 BARBARA RD., OAKLAND. Two-story 6-room dwelling.
Owner—W. C. McLure, 791 Barbara Road, Oakland.
Contractor—A. F. Anderson 6706 Outlook Ave., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland. $7,000

DWELLING
(1530) 2645 78th AVE., OAKLAND. One-story 4-room dwelling and garage.
Owner & Builder—Margaret L. Lervik, 1239 60th Ave., Oakland.
Architect—Not Given. $2600

DWELLING
(1531) 4500 WALNUT ST., OAKLAND. One-story 5-room dwelling.
Owner & Builder—C. M. Bostrom, 4536 Walnut St.
Architect—Not Given. $3,800

WAREHOUSE
(1532) 805 NINTH STREET, OAKLAND. One-story brick warehouse.
Owner—J. Cohn, 1121 14th St.
Contractor—K. Rubenstein & Sons, 668 6th St.
Architect—Not Given. $1,600

ADDITION
(1533) 426 17TH ST., OAKLAND. Concrete addition.
Owner—Wakefield Bldg. Inc., Prem.
Contractor—J. B. Petersen & Son, 4021 Agua Vista Ave.
Architect—Guy L. Brown, 601 American Bldg. $4,000

DWELLING
(1534) 1946 100TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro.
Architect—Not Given. $2500
Also one-story garage, $125.

DWELLING
(1535) 1437 104TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro.
Architect—Not Given. $2,500
Also 1-story garage, $125.

DWELLING
(1536) 5664 COLTON BLVD., OAKLAND. One-story 5-room dwelling.
Owner—Herbert V. Green, 1557 Excelsior Avenue.
Contractor—Page & Co., 327 17th Street.
Architect—Not Given. $4,280

ADDITION
(1537) 156 EAST 12TH STREET, OAKLAND. Three-story 48-rm. brick addition.
Owner—Richard and Edward Fong, 557 Tenth St.
Contractor—Oscar Soder, 841 Arlington St.
Architect—T. H. Slocombe, 131 Monte Cresta Ave.

ADDITION
(1538) 27 AVIS RD., BERKELEY. Addition.
Owner—A. L. Fowle, Prem.
Contractor—F. A. Stead, 3206 Boise.
Architect—Not Given. $1,250

REBUILDING
(1539) 2211 GROVE, BERKELEY. Rebuilding high school gym.
Owner—Berkeley School Board.
Contractor—Central Calif. Const. Co., 115 Burrows St., San Francisco.
Architect—Not Given. $160,904

DUPLEX
(1540) 1527 GROVE, BERKELEY. One-story 7-room frame duplex.
Owner—Sybil E. Stewart, 2138 Center.
Contractor—H. K. Jensen, 3323 Arkansas, Oakland.
Architect—Not Given. $7,000

DWELLING
(1541) 899 GRIZZLY PEAK, BERKELEY. Two-story 8-room frame dwelling.
Owner—R. H. Weisbrod, 2457 Marin.
Contractor—S. M. Shapiro, 2581 Virginia.
Architect—J. B. Anthony, 1191 Oxford. $8,000

SWIMMING TANK
(1542) 67 KING AVE., PIEDMONT. Swimming tank.
Owner—Herbert E. Hall, Prem.
Contractor—Chas. Stockholm, Russ Bldg., San Francisco.
Architect—Not Given. $2,900

HALL
(1543) 824 WEST ST., 791 9TH ST., OAKLAND. 2-story 7-room concrete hall.
Owner—Brotherhood of Teamsters, 9th and West Streets.
Contractor—Kelly & Tulloch, 335 8th Street.
Architect—John B. Anthony, 2014 Shattuck Ave., Berkeley. $36,300

DWELLING
(1544) 3992 LYMAN ROAD, OAKLAND. Two-story 6-room dwelling.
Owner & Builder—Kathryn Kent, 3027 Capp St.
Architect—Not Given. $6000
Also 1-story garage, $200.

WAREHOUSE
(1545) 4525 SAN LEANDRO ST., OAKLAND. One-story warehouse.
Owner & Builder—American Bitumuls Co., Prem.
Architect—Not Given. $1650

DWELLING
(1546) 2000 TIFFIN ROAD, OAKLAND. Two-story 5-room dwelling.
Owner—Preston Dietz, 3408 Madera Avenue.
Contractor—Reliable Homes, Inc., 3500 35th Ave.
Architect—Not Given. $4200

DWELLING
(1547) 6800 ARTHUR ST., OAKLAND. One-story 6-room dwelling.
Owner—J. K. Pond, 1056 Ardmore Ave.
Contractor—A. Steffensen, 1300 Webster St.
Architect—Not Given. $4000

DWELLING
(1548) 2514 CORDOVA ST., OAKLAND. One-story 6-room dwelling.
Owner and Builder—J. W. Scammell, 3161 Fruitvale Ave
Architect—Not Given. $5000

ALTERATIONS
(1549) 425 FOOTHILL BLVD., OAKLAND. Alterations.
ALTERATIONS
Owner—J. Breihl, 433 Foothill Blvd.
Contractor — Archie Waring, 3234 Prentiss St.
Architect—Not Given. $1200

DWELLING
(1550) 110 BEECHWOOD DRIVE, OAKLAND. Two-story 11-room dwelling.
Owner—Dr. E. H. Padden, Prem.
Contractor—A. E. Nelson, 681 Market St., San Francisco.
Architect—W. I. Garren, 233 Post St., San Francisco. $16,000

ALTERATIONS
(1551) 2211 GROVE ST., BERKELEY. Alterations.
Owner and Contractor—Berkeley Bd. of Education, Prem.
Architect—Not Given. $1100

DWELLING
(1552) 738 CRAGMONT, BERKELEY. Two-story 7-room frame dwelling and garage.
Owner—P. D. Galdis, 306 15th Street, Oakland.
Contractor—Millar White, 306 15th St., Oakland.
Architect—Not Given. $6000

DWELLING
(1553) 2336 JEFFERSON, BERKELEY. One-story 4-room frame dwelling.
Owner—Mr. and Mrs. P. M. Ward, Prem.
Contractor—J. Salvanson, 5103 Shafter. Oakland.
Architect—Not Given. $2900

DWELLING
(1554) 2621 CLAY STREET. Two-story 5-room dwelling.
Owner—David Wells, 1336 St. Charles Street.
Contractor—New American Homes & Investment Corporation, 1515 Financial Center Bldg., Oakland.
Architect—Not Given. $3,904

DWELLING
(1555) 1717 TREGALOAN PLACE. One-story 5-room dwelling.
Owner & Builder—L. A. Bartholomew, 1520 Santa Clara Avenue.
Architect—Not Given. $2,000

DWELLING
(1556) 5885 HERON DRIVE, OAKLAND. One-story 6-room dwelling.
Owner—A. A. Osmundson, 3268 Lakeshore Ave.
Contractor—Walter Pressler, 1419 Excelsior Ave.
Architect—Not Given. $5,500
Also 1-story garage, $200.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
135	Wilson	Johnston	27300
136	Kerns	Jones	2800
137	Roos	Mullen	11377
138	Roos	Fink	25500
139	Hooey	Erickson	7500
135	Schuetz	Delucchi	5476
136	Smith	Gladstone	31500
137	Merello	Grant	5260
140	Roman	Callaghan	1966
141	Hillman	McCarthy	4878

APARTMENTS
(135) SW CASA WAY 249 NW Retiro Way. Three-story and basement frame apartments.
Owner—James A. and Mildred L. Wilson.
Architect—Richard R. Irwin.
Contractor—Robinson & Johnston, 180 Oak Street.
Filed, Oct. 1, '36. Dated, Sept. 4, '36.
Roof and exterior wall covering $6,825
Brown coated 6,825
Completion 6,825
Usual 35 days.... 6,825
TOTAL COST, $27,300
Limit, 120 days. Plans and specifications filed.

ALTERATIONS
(136) SW MORRIS 115 SE Bryant. Alter shop.
Owner—F. Kern & Sons, 517 Sixth St.
Architect—Not Given.
Contractor—Thos. M. Jones, 643 29th Avenue.
Filed, Oct. 1, '36. Dated, Aug. 20, '36
On completion 75%
Usual 35 days....25%
TOTAL COST, $2800

FIXTURES
(137) PHELAN BLDG. Install store fixtures in dress shop.
Owner—Roos Bros., Inc.
Architect—Williams and Grimes, 251 Post Street.
Contractor — Mullen Mfg. Co., 60 Rausch Street.
Filed, Sept. 30, '36. Dated, Sept. 3, '36.
Progress payments of....50%
Completion 25%
Usual 35 days....25%
TOTAL COST, $11,377
Limit, Oct. 26. Plans and specifications filed.

FIXTURES
(138) PHELAN BLDG. Install store fixtures and other interior finish in dress shop.
Owner—Roos Bros., Inc.
Architect—Williams and Grimes, 251 Post Street.
Contractor—The Fink & Schindler Co. 525 Brannan St.
Filed, Sept. 30, '36. Dated, Sept. 3, '36.
Progress payments of....50%
Completion 25%
Usual 35 days....25%
TOTAL COST, $25,500
Limit, Oct. 26. Plans and specifications filed.

DWELLING
(139) NE COR. SAN LEANDRO & Ocean Ave. One-story and basement frame dwelling.
Owner—Mr. and Mrs. N. J. Hooey.
Architect—Not Given.
Contractor—H. Erickson, 972 Chenery Street.
Filed, Oct. 2, '36. Dated Sept. 22, '36.
Frame up $1875
Brown coated 1875
Completion 1875
Usual 35 days 1875
TOTAL COST, $7,500
Limit, 90 days. Plans and specifications filed.

DWELLING
(135) NE COR. SILVER AVE. and Elmira St. One-story and basement frame dwelling.
Owner—Walter E. and Lena Schuetz.
Architect—Not Given.
Contractor—Richard Delucchi & Co., 3275 San Bruno Avenue.
Filed, Oct. 6, '36. Dated, Jan. 8, '36
Ready for roof....$ 276
As per note.... 500
Balance by Veterans' Welfare Board.
TOTAL COST, $5476
Limit, 90 days.

ALTERATIONS
(135) 555 SUTTER ST. Alter restaurant.
Owner—Joe Merello, care contractor.
Architect—John F. Beuttler, 110 Sutter Street.
Contractor—Grant - Martinelli Const. Co., 44 Mary St.
Filed Oct. 5, '36. Dated, Sept. 29, '36
First of each month....75%
Usual 35 days....25%
TOTAL COST, $5,260
Forfeit, $10. Limit, 50 days. Plans and specifications filed.

DWELLING
(136) SAN PABLO AVENUE in St. Francis Wood. Two - story and basement frame dwelling.
Owner—Chas. Watt Smith, 80 Santa Monica Way.
Architect—Henry H. Gutterson, 526 Powell St.
Contractor—D. B. Gladstone 557 Market Street.
Filed and Dated, October 5, 1936.
First of each month....75%
Usual 35 days....25%
TOTAL COST, $31,500
Limit, 120 days. Plans and specifications filed.

ALTERATIONS
(141) NE COR. 11TH AND NATOMA STS. Two-story frame store and loft building (alterations and additions).
Owner—Emil F. and Florence M. Hillman, 103 Ashbury.
Architect—Chas. F. Strothoff, 2274 15th St.
Contractor—Robert McCarthy, 1363 14th Ave.
Dated Oct. 3, '36. Filed Oct. 7, '36.
Frame complete $1219.50
Brown coat plaster.... 1219.50
Completion 1219.50
Usual 35 days.... 1219.50
TOTAL COST, $4,878.00
Bond, $2,439. Sureties, Maryland Casualty Co. Limit, 90 days. Plans and specifications filed.

ALTERATIONS
(140) 610 VALLEJO ST. Alter St. Francis Church Rectory.
Owner—Roman Catholic Archbishop of S. F., Inc., 1100 Franklin St.
Architect—Edward A. Eames, 216 Pine St., San Francisco.
Contractor — Jack Callaghan, 900 Clayton St., San Francisco.
Filed Oct. 7, '36. Dated Aug. 27, '36.
75% on completion.
25% usual 35 days.
TOTAL COST, $1,966.00
Bond, $1,966. Surety, Hartford Accident & Indemnity Co.

BUILDING CONTRACTS
ALAMEDA COUNTY

133	Sigma	Sorensen	46260
134	Padden	Nelson	15695

SORORITY HOUSE
(133) LOTS 2 and 3 Blk B, Berkeley. Warring St. south of Channing Way. Sorority house.
Owner—Sigma Kappa Sorority.
Architect—W. H. Ratcliff, American Trust Bldg., Berkeley.
Contractor — Walter Sorensen, 2940 Piedmont Ave., Oakland.
Filed and Dated, October 2, 1936.
25th of each month....75%
Usual 35 days....25%
Contractor's fee $2,000.
TOTAL COST, $46,260.55
Plans and specifications filed.

RESIDENCE
(134) LOTS 34-35, BLK H, CLAREMONT PINES, OAKLAND. Residence.
Owner—Dr. and Mrs. E. H. Padden, 2970 Northwood Dr., Alameda.
Architect—Wm I. Garren, 233 Post St., San Francisco.
Contractor—A. E. Nelson, 233 Monadnock Bldg., San Francisco.
Filed Oct. 6, '36. Dated Sept. 15, '36.
Floor joists set....$2339
Roof on and shingled.... 2339
Brown plastered 2339
All plastering completed.... 2339
Completion 2339
Usual 35 days.... 4000
TOTAL COST, $15,695.00
Bond, $15,695. Sureties, B. E. Nelson, E. K. Nelson. Forfeit, $5.00 per day. Limit, 100 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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8.—Club Buildings
9.—Hospitals
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12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Bids Opened
APARTMENT Cost, $25,000
OAKLAND, Alameda Co., California. Oakmore Highlands. (Clemens Road.)
Two-story frame and stucco apartment building (four 5-rm. apts.), oak floors, hot water heating system with oil-burning equipment. insulation, linoleum and oak floors, electric ranges, etc.
Owner—Daniel Stower, Sacramento.
Plans by Irwin M. Johnson, 2215 7th Ave., Oakland.
Low Bidder—David Nordstrom, 4150 Emerald St., Oakland—$22,969.
Complete bids follow:
David Nordstrom, Oakland.....$22,969
Mark Bristol & Co., Oakland.... 23,117
Geo. Windsor, Piedmont..... 23,900
Bids held under advisement.

Contract Awarded
APTS. & STORE Cost, $7,000
SAN FRANCISCO, Calif. Noe and Market Streets.
Two-story frame building (two 4-room apts. and one store), gas hot air heating system, etc.
Owner—A. Thompson.
Architect—D. E. Jaekle, 126 Post St.
Contractor—A. C. Lindgren, 346 Lowell St.

Contract Awarded
APARTMENTS Cont. Pr., $27,300
SAN FRANCISCO, Calif. SW Casa Way and Retiro Way.
Owner—James A. and Mildred L. Wilson.
Architect—R. R. Irvine, 2048 Market Street.
Contractor—Robinson & Johnson, 180 Oak Street.

Planned
APARTMENTS Cost, $——
VALLEJO, Solano Co., Calif. Virginia and Sutter Streets.
New apartment building.
Owner—James E. Fuller, 710 Amador St., Vallejo.
Architect—Not Selected.
Further details will be announced at a later date.

Planned
APARTMENTS Cost, $——
BAYWOOD, San Mateo Co., Calif. Arroyo Road.
New apartment building.
Owner — Mrs. Nelle McCarthy, Los Gatos.
Architect—Not Given.

Sub-Contracts Awarded
STORE AND APTS. Cost, $6,400
MILLBRAE, San Mateo Co., Calif. El Camino Real, 100 feet N La Cruz.
Two - story frame and stucco store and apartment building (one 5-room and one two-room apartment) tar and gravel roofing with some spanish tile, gas heating system, wood sash, hardwood floors in apts., cement floors in store, etc.
Owner—John Corrattie, South San Francisco.
Architect—Not Given.
Contractor—James C. Duerner, 301 Evergreen St., San Francisco.
Roofing—Empire Roofing Co., 261 Silver Ave., San Francisco.
Plumbing—S. N. Pheifer, Daly City.
Electric Wiring—Burlingame Electric Co., Burlingame.
Heating—Andrews Heater Company.
Sheet Metal—Colan Heating & Sheet Metal Co., 1060 Folsom St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Window Shades—Uneeda Shade Co., 155 Church St., San Francisco.
Iron Grille Work—Ace Iron Works, 159 South Park, San Francisco.
Foundations—H. E. Casey Co., San Mateo.
Lumber—Smith Lumber Co., 4th and Channel Sts., San Francisco.
Mill Work—Sage & Wilder, 2156 San Bruno Ave., San Francisco.
Hardware—Norman & Sons, 890 Valencia St., San Francisco.
Concrete—H. E. Casey Co., San Mateo.
Stairs—Lind & Peirano, 60 13th St., San Francisco.

Sub-Contracts Awarded
APARTMENTS Cost, $10,000
ALAMEDA, Alameda Co., Calif. 1222-24-26 Grand Avenue.
Two - story frame and stucco apartment building.
Owner—H. R. Groth, 1593 Pacific Ave. Alameda.
Architect—Not Given.
Contractor—Chas. W. Falk, 1520 East 38th St., Oakland.
Roofing—Johnson Roofing Co.
Plumbing—J. A. Fazio, 402 Castro St. Oakland.
Electric Wiring—Ansel Co., 1350 Park St., Alameda.
Sheet Metal—Atlas Heating & Vent. Co., 557 4th St., San Francisco.
Glass—Cobbledick - Kibbe Glass Co., Washington at 3rd St., Oakland.
Lathing and Plastering—L. Gale, 515 E Merel Court, Oakland.
Lumber—Loop Lumber Co., Alameda.
Steel Sash—Michel & Pfeffer Iron Works, Harrison and 10th Streets, San Francisco.
Mill Work—P. Larson.
Painting—Wm. James, 2321 86th Ave. Oakland.
Concrete—Riechel & Bredhoff, 1515 Central Ave., Alameda.
Sash and Doors—Western Door and Sash Co., 5th and Cypress Sts., Oakland.

To Be Done By Day's Work
ALTERATIONS Cost, $4,000
SAN FRANCISCO, Calif. ... San Bruno Ave., S. Bacon St.
Alterations to apartments.
Owner & Builder—Louis Devincenzi, 2748 San Bruno Ave.
Architect—Not Given.

3— CHURCHES

Contract Awarded
ALTER CHURCH Cost, $3,000
SAN MATEO CO., Calif. North of Burlingame.
Alterations to church (Sunday School room, toilet facilities, etc.
Owner—Millbrae Methodist Episcopal Church.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.
Contractor — Thos. A. Cuthbertson, 430 Noriega St., San Francisco.

Contract Awarded
PEWS Cost, $6,200
SAN FRANCISCO, Calif. Mission St. near Third.
New oak pews for St. Patrick's Church (to seat 850).
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.
Architect — Arnold Constable, 580 Market Street.
Contractor—General Seating Co., 160 2nd St., San Francisco.

Contract Awarded
CHURCH Cost, $40,000
GRASS VALLEY, Nevada Co., Cal.
One-story frame and stucco church (tile roof, oil furnace, etc.) to seat approximately 600.
Owner—Methodist Church (Dr. H. K. Hamilton, Dist. Supt.)
Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
Contractor — Ralph Cochrane, Grass Valley.

4— FACTORIES & WAREHOUSES

Preparing Preliminary Plans
BUILDING Cost, $.....
SAN FRANCISCO, Calif. Tenth and Bryant Streets.
Three-story and basement reinforced concrete bottling and canning plant.
Owner—Milwaukee Brewing Company, 10th and Bryant Sts.
Engineer—W. E. Murray, 908 Hayes Street.

To Be Done By Day's Work
WAREHOUSE Cost, $16,000
SAN FRANCISCO. Fourth and Berry Streets.
One-story frame warehouse.
Owner—Southern Pacific Co., 65 Market St.
Plans by Engineering Department of Owner (J. H. Christie, Chief Engineer), 65 Market St.

Contract Awarded
ALTERATIONS Cost, $5,000
SAN FRANCISCO, Calif. Fifth and Howard Sts.
Alter warehouse.
Owner—Pacific Gas & Electric Co., 245 Market St.
Plans by Eng. Dept. of Owner.
Contractor—H. H. Larsen Co., 64 So. Park Street.

Contract Awarded
ADDITION Cost, $5,000
OAKLAND, Calif. 426 17th St.
Concrete addition to factory.
Owner—Wakefield Bldg., Inc., 426 17th St., Oakland.
Architect—Guy L. Brown, American Bldg., Oakland.
Contractor—J. B. Petersen & Son, 4021 Agua Vista Ave., Oakland.

CONTRACT AWARDED
LOS ANGELES, Calif.—York Ice Machinery Corp., 5051 Santa Fe Ave. awarded contract for installing air conditioning system in baking plant and offices of Helms Bakeries, 8800 Venice Blvd. Grant & Bruner, architects and engineers. Cost, $75,000.

Grading Contract Awarded
STORAGE PLANT Cost, $.....
PETALUMA, Sonoma Co., Calif.

Gasoline storage plant and warehouse.
Owner—E. T. Pedranti, 246 Main St., Petaluma.
Architect—Not Given.
Grading and Road Work—Hein Bros., Petaluma.

Contract Awarded
ALTERATIONS Cost, $8,500
SAN FRANCISCO, Calif. NW Sixth and Townsend Sts.
Alterations to packing plant.
Owner—Swift & Company, Chicago, Illinois.
Plans by Engineering Department of Owner.
Contractor—Monson Bros., 475 Sixth Street.

5— FLATS

To Be Done By Day's Work
FLATS Cost, $12,500
SAN FRANCISCO. Bay and Fillmore Streets.
Two-story frame and stucco flats.
Owner & Builder—P. P. Johnson, 1750 Bay St.
Architect—Not Given.

Plans Being Figured — Bids Close Oct. 16, 12 Noon
FLATS Cost, $.....
SAN FRANCISCO, Calif. Vallejo & Leavenworth Sts.
Two-story and basement frame and stucco flat building (two 6-room and 2 baths flats).
Owner—E. Mauberret.
Architect—Fabre & Hildebrand, 110 Sutter St.
Fred K DuPuy, 110 Sutter Street, is figuring the plans, and desires sub

Sub-Contracts Awarded
FLATS Cost, $27,000
SAN FRANCISCO. E Hyde Street N Chestnut.
Two - story and basement frame and stucco flats (2 flats, 8 rooms and 2 baths each; pent house with social hall, bedroom and bath) flat roof, with tile deck in front; gas fired steam heating system; all colored tile baths, hardwood finish, marble sinks, etc.
Owner—Jos. Blumenfeld.
Architect—S. Heiman, 605 Market St.
Concrete, Grading and Foundations—J. J. Delucchi, 1526 Powell St.
Lumber—Loop Lumber Co., Central Basin.
Plumbing—J. Gibbs Sons, 1706 Geary.

6—GARAGES & SERVICE STATIONS

Contract Awarded
GARAGE Cost, $3,500
SAN FRANCISCO, Calif. Rear of 1299 Lombard Street.
Class C garage.
Owner—Drs. Norman & Morgan, 42 Loyola Terrace.
Architect—Not Given.
Contractor—Sterling Concrete Co., 735 Baker St.

Plans Complete
ALTERATIONS Cost, $12,000
SACRAMENTO, Calif. Front and Y Streets.
Alterations to plant.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Eng. Dept. of Owner.

Contract Awarded
SERVICE STATION Cost, $8,000
SAN FRANCISCO, Calif. SW Valencia and Hill Streets.
One-story steel service station.
Owner—Greenberg Tire Co., 1058 Valencia St.
Architect—Noble & Archie T. Newsom, Russ Bldg.
Contractor—J. H. McFarland, 710 47th Ave.

Contract Awarded
SERVICE STATION Cost, $4,000
SAN JOSE, Santa Clara Co., Calif. 1111 Park Ave.
Gasoline service station.
Owner—Mrs. M. C. Finley, Box 64, Story Road, San Jose.
Architect—Not Given.
Contractor—A. F. Haskins, 1106 Settle Ave., San Jose.

7— FEDERAL BUILDINGS

Complete Bids
POST OFFICE Cost, $410,000
SAN DIEGO, Calif. Ninth Avenue and E Street.
Two-story and basement reinforced concrete post office building (190 x190 ft.), modified classic design.
Owner—U. S. Government.
Architect—Wm. Templeton Johnson, 1500 San Diego Trust & Savings Bank Bldg., San Diego.
Low Bidder—M. H. Golden, 404 California Bank Bldg., San Diego.
Complete bids follow:
M. H. Golden, San Diego.....$454,300
Robert E. McKee, L. A..... 518,000
Guy F. Atkinson, S. F..... 538,985
R. E. Campbell, L. A..... 547,500
Bids held under advisement.
Will be of reinforced concrete construction, painted concrete exterior, composition - covered roof, asphalt block pavement, waterproofing and dampproofing materials, structural tile, steel windows, ornamental and structural metal, vaults, hollow metal work, marble, tile and terrazzo, structural glass, cork carpet, acoustical treatment, acoustic plaster, wood block floors, metal partitions, terra cotta wainscot, illuminated signs, lawn sprinkler system, electric clock system, beam scales, two-pipe vacuum heating system, ventilating apparatus, etc.

BIDS WANTED
SAN DIEGO, Calif.—Until October 15, 11 a.m., bids will be received by Public Works Office, Eleventh Naval District, foot of Broadway, San Diego, for automatic sprinkler system in Dope Shop, Building No. 36, at the Naval Operating Base, San Diego. Spec. No. 8341. Work consists of furnishing and installing an automatic sprinkler system in station's present water, drainage and fire alarm systems; 1½-in. hose fire protection system; fresh water testing system for sprinkler installation, and new door and ladder to provide access to roof. Estimated cost, $12,000.
Plans and specifications may be obtained from above office upon deposit of $10.

BIDS OPENED
SAN DIEGO, Calif.—Otis Elevator Co., 1 Beach St., San Francisco, at $8,867, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing one freight elevator and one dumbwaiter complete in the U. S. Post Office, San Diego.
Complete bids follow:
Otis Elevator Co., S. F.....$8,867
Montgomery Elevator Co., Moline, Ill. 9,511
Warsaw Elevator Co., Warsaw, N. Y..... 9,660
Haughton Elevator Co., Washington, D. C..... 9,753
Bids held under advisement.

Low Bidder
POST OFFICE Cost, $80,000
SOUTH GATE, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—U. S. Government.
Plans by the Supervising Architect. Treasury Department. Washington, D. C.
Low Bidder—Campbell Construction Co., 951 S. Genesee St., Los Angeles.
Three low bids follow:
Campbell Construction Co., Los Angeles $57,112
Theodore A. Beyer Corp., Los Angeles 59,550
Campbell & Kelly, Los Angeles 60,500
Complete bids will be published shortly.

Contract Awarded
POST OFFICE Cont. Pr., $79,793
BREMERTON, Washington.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—MacDonald Building Co., 1517 S. Tacoma Way, Tacoma, Washington.

BID OPENING POSTPONED
MARE ISLAND, Calif.—Until Oct. 14, 11 a.m. (postponed from Oct. 7), bids will be received by the Public Works Officer, Mare Island Navy Yard, for providing and installing new gates, safety devices and general repairs to 2 electric freight elevators, one located in the north end of Building No. 69, and one located in the south end of Building No. 334 at the U. S. Navy Yard, Mare Island; Spec. No. 8301.
Plans and specifications may be obtained from above office and from the Chief of the Bureau of Yards & Docks, Navy Department, Washington, D. C., upon deposit of $5.00.

Bid Opening Postponed Until October 22, 1 P. M.
POST OFFICE AND COURTHOUSE Cost, $6,250,000
LOS ANGELES, Calif. Spring, Temple and Main Streets.
Sixteen-story U. S. Post Office and Courthouse Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Department, Washington, D. C.
Consulting Architect—Gilbert Stanley Underwood, 408 South Spring Street, Los Angeles.
Date was previously set for Oct. 15.
It will cover a ground area of approximately 140,000 square feet and will be a steel frame structure faced with granite. The appropriation is $6,250,000. The site has frontage of 525 feet on Spring and Main Streets, and a frontage of 300 feet on Temple St. It is understood that the contract for the new building will include the demolition of the existing post office.
Plans and specifications may be obtained from Treasury Department, Washington, D. C.

Sub Contracts Awarded
POST OFFICE Cont. Price, $57,420
TRACY, San Joaquin Co., Calif. 12th and East Adams Streets.
U. S. Post Office building (two-story, 87x65-feet), concrete walls, stone trim, tile roof, ornamental iron work, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Department, Washington, D. C.
Contractor—K. E. Parker Co., 136 So. Park, San Francisco.
Roofing—J. W. Bender Roofing & Paving Co., 1999 Bryant St., San Francisco.
Cast Stone—Western Artificial Stone Works, 666 Brannan St., San Francisco.
Hollow Metal—Price Building Specialties Co., 35 Stillman St., San Francisco.
Miscellaneous — Anchor Post Fence Co., 460 5th St., San Francisco.

Complete Bids
POST OFFICE Cost, $80,000
SOUTH GATE, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Low Bidder—Campbell Construction Co., 951 S. Genesee St., Los Angeles.
Complete bids follow:
Campbell Constr. Co., L. A. $57,112
Theodore A. Beyer Corp., L. A. 59,556
Campbell Kelly, L. A. 60,500
Wesco Constr. Co., L. A. 60,800
Schuler & McDonald, Inc., Oakland 62,773
V. O. Brunzell & Alex. Jacobson, Los Angeles 65,347
L. F. Dow Co., L. A. 63,257
Edmond & E. J. Pfotzer, Philadelphia, Pa. 65,830
T. P. Schultz, Compton 68,800
N. A. Anderson, L. A. 69,715
Bids held under advisement.

FIRE LOSS
SAN FRANCISCO.—Fire destroyed two commissary buildings at the San Francisco Presidio, October 5. Damage estimated at $100,000.

BLDG. MATERIALS APPROVED
SANTA MARIA, Santa Barbara Co. Calif.—Treasury Department approved following material and equipment awards for the construction of U. S. Post Office at Santa Maria. L. F. Dow Co., 111 West 7th St., Los Angeles, general contractor. Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Halsey W. Taylor Co.; water supply pipe, Revere Copper & Brass; pressure reducing valve on water supply, Watts Regulator Co.; gas water heater, Bryant Heater & Mfg. Co.; relief valve, Mueller Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Co.; boiler, Kewanee Boiler Corp.; oil heater, Am. Radiator Co.; tube radiators, U. S. Radiator Corp.; nonconducting covering for heating, Plant Rubber & Asbestos Co.; angle radiator valves, Marsh Valve Co.; air valves for ends of steam mains, Dole Valve Co.; air valves for radiators, Hoffman Specialty Co.; hangers, Grabler Mfg. Co.

Low Bidder
INSPECTION STATION
DANVILLE, Washington.
United States Inspection Station.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Low Bidder—M. L. Ericksen, Seattle —$16,369.

BIDS WANTED
RENO, Nev.—Until October 19, bids will be received by the Custodian, U. S. post office, Reno, for repairs to the skylights and marquees at the Reno post office.

9— HOSPITALS

Bids Rejected
HOSPITAL Cost, $20,000
COALINGA, Fresno Co., Calif.
One-story and basement hollow tile fireproof hospital (15 to 18 beds), composition roof, linoleum floor covering, etc.
Owner—Pleasant Valley Hospital Association.
Architect — W. D. Coates, Rowell Bldg., Fresno.
Plans will be revised and new bids asked.
On previous bid opening, lowest bid was submitted by T. C. Irwin, Fresno, at $20,820, on general work; Frank Hudson, Fresno, at $1,952, on plumbing, and American Electric Construction Co., San Francisco, at $3,340, on electrical work.

Bids Opened
ADDITIONS
NAPA, Calif.
Additions and improvements at Napa County Infirmary Buildings (add rooms, etc.).
Owner—County of Napa.
Architect—LeRoy Hunt, 989 Second St., Napa.
Low Bidder—Coffield & Arnitz, 429 Franklin St.—$2,356.
Other bidders were:
T. W. Doughty $2,438
Burney & Rilinger 2,483
J. H. Vienop 2,546
All of Napa.

Contracts Awarded
ADDITION Cost, $——
FORT STEILACOOM, Washington.
Kitchen and dining room at State Hospital.
Owner—State of Washington.
Architect—Heath, Gove and Bell and Mock & Morrison, Perkins Bldg., Tacoma.
General Work—M. E. Marker, 1937½ Fawcett, Tacoma, $62,143.
Electric—Wire Electric Co., 3580 S. Tacoma, Tacoma, $11,608.
Plumbing—Advance Plbg. & Htg. Co. 1531 Pacific Ave., Tacoma, $7,409.
Heating—Bergh-Griggs Co., 933 Commerce, Tacoma, $5,804.

Contract Awarded
HOSPITAL Cost, $.....
LOS BANOS, Merced Co., Calif.
One-story frame, stucco and tile emergency hospital (53x78 ft.), air conditioning system, etc.
Owner—Mrs. Marie Pimental, Los Banos.
Architect—Not Given.
Contractor—Clyde Jones, Los Banos.

BIDS OPENED
SANTA ROSA, Sonoma Co., Calif.—Following submitted bids to the Sonoma County Board of Supervisors for furnishing and installing hospital equipment in the new Sonoma County Hospital, Santa Rosa. Plans prepared by Architect John I. Easterly, 302 Grant Street, Healdsburg and Santa Rosa.

Electric Fixtures
H. W. Jacobs, 316 B Street, Santa Rosa ..... $ 3,296.00
Norman Russell, Healdsburg 3,400.00

Radio Equipment
Remler Co., Ltd., 2101 Bryant St., S. F. 848.00
International Business Machines Corp., S. F. 1,059.00
General Seating Co., S. F. 1,443.85

Electric Clocks
International Business Mach. Corp., 25 Battery St., San Francisco 1,192.00
Standard Electric Time Co., Berkeley 1,268.00

Strip Heaters
Norman A. Russell, Gen. Del., Healdsburg 100.00

Refrigeration and Ice Plant Equip't
Refrigeration Equip. & Service Co., 540 Mendocino St., Santa Rosa 2,758.00
Fred Nelson, Santa Rosa 2,940.00
John G. Ils Co., S. F. 3,172.00
Eckert-Etinne Engraving Co. ..... * 3,200.00
Cyclops Iron Works, S. F. ..... * 3,289.00
Santa Rosa Department Store, Santa Rosa 4,190.00

Incinerator
Herman Lawson Co., 465 Tehama St., S. F. 1,406.00

Sterilizing Equipment
Herman Lawson Co., 465 Tehama St., S. F. 4,390.00
Benjamin & Rackerby 4,797.93
Colson Equip. & Supply Co., San Francisco 4,891.02
Pedersen Furniture Co., Santa Rosa 5,868.88
Reig Bros., Inc. 5,868.88

Venetian Blinds
National Venetian Blind Co., 557 Market St., S. F. 1,700.00
West Coast Window Shade Co., 3248 22nd St., S. F. 1,700.00
Ry-Lock Co. ..... * 1,883.80
Pederson Furniture Co., Santa Rosa 1,958.61
The Stone Co., Santa Rosa ..... * 1,991.50
John G. Ils Co., S. F. 2,300.44

Metal Lockers
Worley & Co., 39 Natoma St., San Francisco ..... * 725.00
Schwabacher-Frey Co., S. F. 764.75
Austin B. Murray, S. F. 768.00
Pedersen Furniture Co., Santa Rosa 880.89

Surgical and Ward Equipment
Benjamin & Rackerby ..... $ 9,658.24
Walters Surgical Co., S. F. 9,800.00
Reid Bros., Inc., S. F. 11,362.75
Colson Equip. Co., S. F. 11,600.00
Pederson Furniture Co., Santa Rosa 11,742.03

Sheeting
H. W. Baker Linen Co. ..... $ 557.00
The Stone Co., Santa Rosa 699.99
D. Tennebaum * 701.50
Rosenberg & Son 705.00

Bedding and Linens
The Stone Co., Santa Rosa* ..... $ 2,077.90
H. W. Baker Linen Co. 2,313.01
Rosenberg & Son 2,329.24

X-Ray and Dark Room Equipment
F. W. Beecher, Inc., 149 New Montgomery St., S. F. ..... $ 1,995.00
H. D. Rook * 2,182.92

Furniture
Pederson Furniture Co., Santa Rosa ..... $ 1,520.02
Schwabacher-Frey Co., S. F. 1,547.00

Kitchen Equipment
Mangrum-Holbrook Co. S. F. $6,382.75
Dohrman Hotel Sup., S. F.* 6,872.50
Austin B. Murray, S. F. 6,947.00
John G. Ils Co., S. F. 8,997.00

Kitchen Range
Dohrman Hotel Supply Co., 972 Mission St., S. F.* ..... $ 611.80
Mangrum-Holbrook, S. F. 797.34
John G. Ils, S. F. 876.00
Austin Murray, S. F. 1,095.00

Kitchen Utensils
John G. Ils Co., 2902 19th St., San Francisco ..... $ 1,871.00
Mangurn-Holbrook, S. F. 1,941.23
Dohrmann Hotel Sup., S. F.* 2,020.0
Travers & Hennig, S. F.* 2,146.47

Laboratory Equipment
Braunn-Knecht-Heimann Co. 584 Mission St., S. F. ..... $ 1,237.95

Surgical Instruments
Walters Surgical Co., 522 Sutter St., S. F. 1,103.00
Benjamin & Rackerby* 1,115.65
Travers & Hennig, Inc. 1,162.60

Water Softener and Chlorinator
A. C. Lo Prest, 560 7th St., San Francisco ..... $ 2,177.00
Strout-Steffens Equip. Co., San Francisco 2,643.00
Chemical Equip. Co., S. F. 2,650.00
Permutit Co., S. F. 2,850.00
Calif. Filter Co., S. F. 3,055.00

Electric Stations
Standard Electric Time Co., 268 Market St., S. F.* ..... $ 119.00
Norman Russell, Healdsburg 260.00
*Sales tax included.

CONTRACT AWARDED
LOS ANGELES, Calif.—H. F. Hendrickson, 714 West Olympic Blvd., awarded contract for structural portion of a building to be built at 1055 N. Kingsley Dr. for the Pacific Old People's Home (89 x 128 ft.) Cost, $50,000. Claude A. Faithful, 1820 Buckingham Rd., architect.

CONTRACT AWARDED
ALTADENA, Los Angeles Co., Cal. —S. O. Bennett, 1084 Bresee Avenue, Pasadena, awarded contract, at approximately $73,096.63, for construction of a group of sanitarium buildings at the head of Lincoln Avenue, near Loma Alta Drive, Altadena, for La Vina, Inc. The group will consist of six adult infirmary ward buildings, administration building and kitchen and servants' unit; steel

frame and reinforced concrete construction. Latisteel Corp., 3110 East Foothill Blvd., Pasadena, awarded contract for steel and concrete footings. Myron Hunt and H. C. Chambers, Continental Bldg., Los Angeles, architects.

Contracts Awarded
ASSEMBLY HALL, ETC. $176,000
RETSIL, Washington.
Two-story assembly hall, dining room and administration building (115x 50-feet, with wing 35x50 feet), and one-story kitchen (60x40 ft.) at Veterans' Home.
Owner—State of Washington.
Architect—Not Given.
General Work—MacDonald Building Co., 1517 S. Tacoma Way, Tacoma, $138,426.
Electric—NePage - McKenny Co., 804 Sixth South, Seattle, $3,195.
Sanitary Equipment — Wenzler and Ward, Textile Tower, Seattle, $7-646.
Mechanical Equip.—Lentz Inc. Bremerton, $7,685.
Refrigeration—York Ice Machine Co., 4660 E Marginal Way, Seattle, $7-600.

Bids In—Held Under Advisement
HOSPITAL Cost, $.....
MERCED, Calif.
Two-story Class C addition to hospital (20 beds).
Owner—Mercy Hospital, Merced, Cal.
Architect — Martin A. Sheldon, Monadnock Bldg., San Francisco.
Announcement will be made soon.

Contract Awarded
ADDITIONS Cont. Price, $2,356
NAPA, Napa Co., Calif.
Additions and improvements at Napa County Infirmary buildings (add rooms, etc.)
Owner—County of Napa.
Architect—LeRoy Hunt, 928 Second St., Napa.
Contractor—Coffield and Arnitz, 429 429 Franklin St., Napa.

Bids Wanted—To Close Nov. 4, 2 P.M.
YOUNTVILLE, Napa Co., Cal. Veterans' Home.
NURSES' HOME Cost, $——
Two-story reinforced concrete nurses' home (30 rooms) tile roof.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Bids are being taken as follows:
(1) General.
(2) Electric.
(3) Plumbing.
(4) Heating.
Plans and specifications may be obtained from above office upon deposit of $25.00.

Plans Being Completed
HOSPITAL ADDN. Cost, $90,000
SACRAMENTO, Sacramento Co., Cal. Fifty-second and F Streets.
Two - story fireproof maternity hospital addn. (48 beds) steam heat, air conditioning system.
Owner—Sutter Hospital.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Bids will be asked shortly.

10— HOTELS

Plans Being Figured — Bids Close October 22, 3 P. M.
ADDITION Cost, $100,000
SAN FRANCISCO. Turk and Mason Streets.
Nine-story steel frame and concrete addition to Oxford Hotel (30 rooms).
Owner—Arnold Haas.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Following will submit bids:
James L. McLaughlin Co., 251 Kearny Street.
H. E. Rahlmann Co., 251 Kearny St.
Oliver M. Rousseau, 321 Kearny St.
B. A. Howkins & Co., 1182 Market Street.
G. P. W. Jensen, 320 Market St.
All of San Francisco.

Fixture Contract Awarded
ALTERATIONS Cost, $50,000
CHICO, Butte Co., Calif. Second and Salem Streets.
Alterations and additions to hotel (add 50 bath rooms, 90 tubs; repair foundations, etc.)
Owner—Hotel Oaks, Chico.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Buffet Fixtures—Mullen Mfg. Co., 60 Rausch St., San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS OPENED
FRESNO, Calif.—Otis Elevator Co., 1 Beach Street, San Francisco, at $3,860, submitted only bid to Fresno City Council for furnishing and installing freight elevator in the Fresno Memorial Auditorium.
Bid held under advisement.

BIDS OPENED
FRESNO, Calif.—Nyberg Company, at $2,570.54, submitted low bid to Fresno City Council for furnishing and installing a public address system in the Fresno Memorial Auditorium. Complete bids follow:

Nyberg Company	$2,570.54
McClatchy Publishing Co.	2,726.00
Healey & Popovich	5,186.00
Alternate	3,210.00

Bids held under advisement.

BONDS DEFEATED
REDDING, Shasta Co., Calif.—City of Redding defeated bond issue in the amount of $140,000, September 9. Proceeds were to have financed construction of a new civic auditorium in Redding of reinforced concrete and steel construction, estimated to cost approximately $200,000.
Preliminary plans prepared by Architects Masten and Hurd, 233 Post St., San Francisco.

Bids Opened
JAIL Cost, $11,000
STOCKTON, San Joaquin Co., Calif. Channel and San Joaquin Sts.
Reinforced concrete addition to Co. jail (to accommodate 70), steel doors, etc.
Owner—County of San Joaquin.
Architect—E. Ernst, 9 West Cleveland St., Stockton.
Low Bidder—Samuel Eyre, 57 West 10th St., Tracy—$12,775.
(1) Gas-fired furnace and fan. Add.
(2) Prison door. Add.
Complete bids follow:

Samuel Eyre, Tracy		$12,775
	(1)	732
	(2)	410
Carl Nelson, Stockton		13,158
	(1)	537
	(2)	240
John Hachman, Stockton		13,660
	(1)	840
	(2)	380
P. C. Hunt, Stockton		13,800
	(1)	710
	(2)	415

BIDS WANTED
SACRAMENTO, Calif.—Until October 15, bids will be received by Harry Denton, City Clerk, City Hall, Sacramento, for furnishing floor covering for the Sacramento Memorial Auditorium.

MATERIAL BIDS WANTED
LOWER LAKE, Lake Co., Calif.—Until October 13, 10 A. M. (date postponed from Sept. 29) bids for materials will be received by W. M. Patterson, County Clerk, Courthouse, Lakeport, for use in the construction of the Justice Court Building for Lower Lake.
Specifications may be obtained at above office.

Plans Being Revised
STATE CAPITOL Cost, $2,200,000
SALEM, Oregon.
Three-story State Capitol bldg. (light stone or marble facing, grilled windows and doors) rectangular shape, approx. 400x164 feet with cylindrical tower rising from the center section to height of 166 ft.; administrative office on first floor, legislative chambers, etc., on second floor, assembly hall on third; basement to contain barber shop, cafeteria and state dept. work rooms.
Owner—State of Oregon.
Architect — Goodhue Livington, 101 Park Ave., New York City.
Associated Architect—Whitehouse & Church, Railway Exchange Bldg. Portland.
November 20 is the tentative bid opening date for the construction of the building.
As previously reported, clearing, excavation, fence, etc., awarded to Roy L. Houck, Salem, $8,410.

Contract Awarded
JAIL Cont. Price, $12,775
STOCKTON, San Joaquin Co., Calif. Channel and San Joaquin Sts.
Reinforced concrete addition to the county jail (to accommodate 70) steel doors, etc.
Owner—County of San Joaquin.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
Contractor—Samuel Eyre, 57 W 10th St., Stockton.

BOND ELECTION
UKIAH, Mendocino Co., Calif.—County of Mendocino will vote on November 3, on a proposal to issue bonds in the amount of $60,000, proceeds to finance construction of a new county jail in Ukiah.

Planned
ALTERATIONS Cost, $.....
MARTINEZ, Contra Costa Co., Calif.
Alter jail top floor for dormitory.
Owner—County of Contra Costa.
Architect—Not Given.
Further details will be announced shortly.

BIDS OPENED
SAN FRANCISCO.—Otis Elevator Co., 1 Beach St., at $2,492, submitted low bid to Department of Public Works for replacing ball bearings of Gearless elevators in the City Hall.
Only other bid was submitted by Westinghouse Electric Elevator Co., at $2,671.

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $7,500
STOCKTON, San Joaquin Co., Calif. 618 Monterey Ave.
One-story and basement frame and stucco residence (6 rooms).
Owner—Herman C. Spalinger, 641 N. Tuxedo St., Stockton.
Architect—Not Given.
Contractor—S. C. Giles, 121 Knoles Way, Stockton.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 17th Avenue S Moraga.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Calif. 1527 Grove St.
One-story and basement frame and stucco duplex residence.
Owner—Sybil E. Stewart, 2138 Center St., Berkeley.
Architect—Not Given.
Contractor—N. K. Jensen, 3323 Arkansas St., Oakland.

Contract Awarded
RESIDENCE Cost, $9,000
BERKELEY, Alameda Co., Calif. 899 Grizzly Peak Blvd.
Two-story frame and stucco residence.
Owner—R. N. Weisbrod, 2457 Marina, Berkeley.
Architect—J. B. Anthony, 2581 Virginia St., Berkeley.
Contractor—S. M. Shapero, 2581 Virginia St., Berkeley.

To Take Sub-Bids Within One Week
ALTERATIONS Cost, $7,000
SAN FRANCISCO. Pacific Ave. near Scott Street.
Alterations to 3-story residence (reinforced concrete 2-car garage, gas or oil heating system, electric wiring, painting, carpentry, linoleum, composition roofing, mill work, lighting fixtures, frigidaire.
Owner—Withheld.
Architect—Not Given.
Mgr. of Const.—Cyril Doane, 49 Rico Way.
Sub-bids will be taken on all portions of the work within one week.

Contract Awarded
RESIDENCE Cost, $7,500
SACRAMENTO, Sacramento Co., Cal. 3620 19th Street.
Two - story frame and stucco residence.
Owner—Leondri Pavid, 2759 5th Ave., Sacramento.
Architect—Not Given.
Contractor—Edward Lee, 5341 Fourteenth Ave., Sacramento.

To Be Done By Day's Work
RESIDENCES Cost, $4500 each
SACRAMENTO, Sacramento Co., Cal. 1744-48 41st Street.
Two 1-story frame and stucco residences.
Owner and Builder—Klein Realty Co., 807 J St., Sacramento.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
BELLE HAVEN, San Mateo Co., Cal. Almanac Street.
One - story and basement frame and stucco residence.
Owner and Builder—D. D. Bohannon, 525 Dorchester Road, San Mateo.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 2451 S Court Street.
Two - story frame and stucco residence.
Owner and Builder—A. J. Wilbe, 2401 South Court St., Palo Alto.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 1357 Shasta Ave.
One - story frame and stucco residence (5 rooms).
Owner—Thos. W. Evans, 1062 Vermont St., San Jose.
Architect—Not Given.
Contractor — Sherrill Fleming, 1305 Yosemite Ave., San Jose.

Contract Awarded
RESIDENCE Cost, $5,500
SAN JOSE, Santa Clara Co., Calif. 925 Elm St.
One - story frame and stucco residence (6 rooms).
Owner—Clement Martin, 1546 Hester Ave., San Jose.
Architect—Not Given.
Contractor—Ed. Delmastro, 460 West Julian St., San Jose.

Plans Being Prepared
RESIDENCE Cost, $——
SACRAMENTO, Sacramento Co., Cal.
Two - story frame and brick veneer residence (7 rooms and 3 baths) redwood clapboard roof, hardwood floors, gas furnace, air conditioning system, Standard plumbing, plaster walls and ceilings.
Owner—A. F. Bishop, Sacramento.
Plans by Hugh W. Comstock, Carmel.
It was previously reported that Hugh Comstock was the contractor, which was in error.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif. E. Lopez, N Castenada.
Two-story and basement frame and stucco residence.
Owner—Lucy H. Sandeen, 75 Lopez Street.
Contractor—Conrad T. Kett, 519 California Street.

Sub Contracts Awarded
RESIDENCE Cost, $7,000
BERKELEY, Alameda County, Calif. Grizzly Peak Blvd.
Two-story frame and stucco residence (6 rooms), shake roof, steel sash, gas heating system, hardwood floors, tile baths, etc.
Owner and Builder—Randolph Parks, 1847 Yosemite St., Berkeley.
Architect—Edwin Lewis Snyder, 2101 Addison St., Berkeley.
Roofing—Primrose Roofing Co.
Plumbing—H. F. Lass & Son.
Electric—Collins Electric Co.
Tile—Rigney Tile Co.
Brick & Stone Work—Collins & Senson.
Lathing & Plastering—J. Frentzen.
Mill Work—General Mill Co.
Lumber—Oakland Lumber Co.
Hardware—Berkeley Hardware Co.
Painting—L. Erickson.
Concrete—Enson Buel.

Sub Contracts Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO. Darien Way.
One-story and basement frame and stucco residence (7 rooms and 1 bath and lavatory), composition roofing, hot air heating system, tile baths, hardwood floors, etc. (Spanish style).
Owner—Mr. Kenneally.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—A. Berwick, 1525 Noe St.
Plumbing—George Rehn.
Electric Wiring—State Electric Co.
Heating & Sheet Metal—Atlas Heating & Ventilating Co.
Tile Work—Les Hinz.
Glass—San Francisco Glass Co.
Hardwood Floors—Sherly Floor Co.
Grading—Thorsen & Kirkevaag.
Lumber—Smith Lumber Co.
Mill Work—Harders Planing Mill.
Hardware—S. Marioni & Sons.
Painting—E. Rikshein.
Concrete—Thorsen & Kirkevaag.

Sub Contracts Awarded
RESIDENCE Cost, $7,500
MILLBRAE, San Mateo Co., Calif. Barclay and Magnolia.
Two-story frame and stucco residence.
Owner—J. Isola.
Architect—Not Given.
Contractor — D. J. Daley, 56 Cavour St., Daly City.
Roofing—Glen Park Roofing Co.
Plumbing—A. M. Harrison, Daly City.
Electric Wiring — C. Miller Lomita Park.
Heating & Sheet Metal—Colan Heating Co., San Francisco.
Tile Work—Scott Co., 243 Minna St., San Francisco.
Brick & Stone Work—S. Tutty, San Francisco.
Foundations: Lathing & Plastering—Daly City Lime Co., Daly City.
Lumber—McNulty Lumber Co., San Bruno.
Mill Work—Colma Mill Co., Daly City.
Hardware—S. Marioni & Sons, San Francisco.
Painting—G. Logominso, Daly City.

Sub Contracts Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO. NE Goettingen and Silliman Streets.
One-story and basement frame and stucco residence.
Owner—G. L. Margianti, Colma.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.
Contractor—D. Daly, Daly City.
Roofing—Glen Park Roofing Co., San Francisco.
Plumbing—Scott Co., 243 Minna St., San Francisco.
Heating & Sheet Metal—Colan Heating Co., San Francisco.
Tile Work—Scott Co., 243 Minna St., San Francisco.
Glass—San Francisco Glass Co., San Francisco.
Foundations—Daly City Lime Co., Daly City.
Lumber—McNulty Lumber Co., San Bruno.
Mill Work—Colma Mill Co., Daly City.
Hardware—S. Marioni & Son., San Francisco.
Lathing & Plastering — Daly City Lime Co., Daly City.
Painting—G. Lagoninse, Daly City.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 740 South Tenth Street.
One - story frame and stucco duplex residence.
Owner—G. Lazer, 738 S 10th St., San Jose.
Architect—Not Given.
Contractor—G. V. Brown, 326 N 3rd St., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $5,500
SAN JOSE, Santa Clara Co., Calif. Blewett Ave. near Willow St.
One - story frame and stucco residence (5 rooms).
Owner—C. G. Field, 1125 Settle Ave., San Jose.
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCE Cost, $11,000
SALINAS, Monterey Co., Calif.
One-story and basement frame and stucco residence (9 rooms and 2 baths, 2 separate lavatories) tile roof, oil heating system, hardwood floors, etc.
Owner—E. Pedrazzi.
Architect—Charles Butner, 51 Maple St., Salinas.
Contractor—Herbert Kimsey, 38 Romie Lane, Salinas.
Roofing—John Kobz, Alisal Rd., Salinas.
Plumbing — Anderson - Dougherty-Hargis Company.
Electric Wiring—Electric Service Co.
Heating and Sheet Metal—Anderson-Dougherty-Hargis Co.
Hardwood Floors—J. E. Finn.
Brick and Stone Work—Ed Gardiser.
Grading—R. A. Kallam, 49 Acacia.
Lumber and Mill Work—Romer T. Hayward Lumber Co.
Painting—C. A. Smith.
Lathing and Plastering—L. C. Jorgensen.
Concrete—R. A. Kallam.
All of Salinas.

Contract Awarded
RESIDENCE Cost, $12,000
BAKERSFIELD, Kern Co., Calif. So. F Street.
Two-story frame residence (redwood siding with brick trim).
Owner—Dr. and Mrs. A. T. Jones.
Architect—Not Given.
Contractor—Johnson & Isaacs, Bakersfield.

Contract Awarded
RESIDENCE Cost, $35,000
SAN FRANCISCO. St. Francis Wood, E. San Pablo, N Yerba Buena Avenue.
Two-story frame and stucco residence.
Owner—C. W. Smith, 80 Santa Monica Blvd.
Architect—Henry H. Gutterson, 526 Powell Street.
Engineer—Walter Huber, No. 1 Montgomery St.
Contractor—L. B. Gladstone, 557 Market St.

Bids Opened
RESIDENCE Cost, $.....
OAKLAND, Alameda Co., Cal. Montclair Highlands.
Two-story and basement frame and stucco residence (8 rooms and 3 baths), plaster walls and ceilings, mahogany paneling, all carpeted floors, linoleum baths.
Owner—Withheld.
Architect—F. L. Confer, 3149 Claremont Ave., Berkeley.
Low Bidder—J. R. Armstrong, 1131 Fleet Road, Oakland—$12,445.
Complete bids follow:
J. R. Armstrong, Oakland.....$12,445
George Anderson, Oakland..... 12,800
Herbert K. Henderson, Oakland 13,500
J. M. Walker, Berkeley..... 13,900
Bids held under advisement.

Plans Being Figured
RESIDENCE Cost, $13,000
PIEDMONT, Alameda County, Calif. Scenic Avenue.
Two-story and basement frame and stucco and brick residence (eight rooms, 3 baths), shake roof, gas heating system, steel sash, oak floors, hardwood floors, tile baths.
Owner—Lawrence Lewis.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

Contract Awarded
RESIDENCE Cost, $18,000
OAKLAND, Alameda Co., Calif. 110 Beechwood Drive.
Two-story and basement frame and stucco residence (11 rooms).
Owner—Dr. E. H. Padden.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Contractor—A. E. Nelson, 681 Market St., San Francisco.

Plans Being Figured — Bids Close October 13
RESIDENCE Cost, $20,000
SAN FRANCISCO, Calif. St. Francis Wood.
Two-story frame, stucco and brick veneer residence (10 rooms, 4 baths), gas furnace, plaster walls and ceilings, hardwood floors, tile roof, tile baths, detached double garage.
Owner—Karl F. Schuster.
Architect—William G. Merchant, Russ Bldg., San Francisco.
A. F. Mattock Co., 212 Clara St., is figuring plans and desires sub bids on all portions of the work.

To Be Done By Day's Work
RESIDENCE Cost, $4,500
SAN FRANCISCO, Calif. 14th Ave. and Ulloa St.
One-story frame and stucco residence (5 rooms), gas hot air heating system, hardwood floors, tile bath, etc.
Owner & Builder—A. Halsen, 2427 25th Ave.
Architect—D. E. Jaekle, 126 Post St.

To Be Done By Day's Work
RESIDENCE Cost, $4,500
SAN FRANCISCO, Calif. San Juan and Cayuga Streets.
One-story frame residence (5 rooms), gas hot air heating system, tile bath, etc.
Owner & Builder—A. de Benedetti, 100 Brazil Ave.
Architect—D. E. Jaekle, 126 Post St.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
PIEDMONT, Alameda Co., Calif. 642 Blair Avenue.
Two-story frame and stucco residence (8 rooms).
Owner & Builder—L. E. Dole, 3737 Sutter St., Oakland.
Architect—Not Given.

To Be Done By Day's Work
HOME Cost, $3,000
SAN FRANCISCO. W Treat Avenue S Precita Ave.
Two-story frame and stucco Sisters' Home (4 rooms) tar and gravel roof, gas steam radiators, colored plaster interior walls, etc.
Owner—Roman Catholic Archbishop, 1100 Franklin Street.
Architect—J. J. Foley, 770 5th Ave.
Work will be done by day's labor under the supervision of the architect.

Contract Awarded
RESIDENCE Cost, $4500
BERKELEY, Alameda Co., Cal. 1344 Ordway.
One-story frame and stucco residence (five rooms).
Owner—Theo. Johnson, 1360 Berkeley Way, Berkeley.
Architect—D. E. Jaekle, 126 Post St. San Francisco.
Contractor—Tieslau Bros., 1311 Allston Way, Berkeley.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
SAN FRANCISCO. Merced Manor.
One-story frame and stucco residence (six rooms) gas hot air heating system, tile and composition roof, hardwood floors, tile bath, etc.
Owner and Builder—James McCabe, 716 Ulloa Street.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCES Cost, $4,500 each
SAN FRANCISCO, Calif. 31st Ave. and Vicente St.
Two one-story frame and stucco residences (5 rooms each), gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Henry Horn.
Architect—D. E. Jaekle, 126 Post St.
Contractor—Morris & DeBray, care Architect.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, Calif. Pine Lake Park.
Five 1-story frame and stucco residences (5 and 6 rooms each), gas hot air heating system, hardwood floors, tile bath, etc.
Owner & Builder—A. J. Herzig, 2300 Ocean Ave.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cost, $6,000
ALAMEDA, Calif. 2960 Gibbons Dr.
One-story and basement frame and stucco residence (5 rooms).
Owner—Dave Zolot, E. 12th at Harrison St., Oakland.
Architect—Not Given.
Contractor—J. H. Pickrell, 1738 Alameda, Alameda.

Contract Awarded
RESIDENCE Cost, $5,500
ALAMEDA, Calif. 2707 Otis Drive.
One-story frame and stucco residence (5 rooms).
Owner—L. J. Bargones, 982 Versailles Ave., Oakland.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Oakland.

Contract Awarded
RESIDENCE Cost, $7,500
MILLBRAE, San Mateo Co., Calif. 337 Edgwood Road.
One-story and basement frame and stucco residence.
Owner—E. R. Ross.
Architect—Not Given.
Contractor—D. W. Nicholson, 550 Blossom Way, San Leandro

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Calif. Barbara Road.
Two-story frame and stucco residence (6 rooms and 2 baths), gas furnace, plaster walls and ceilings, Standard plumbing, tile baths.
Owner—Withheld.
Architect — Chester Treichel, 696 Cleveland St., Oakland.
Contractor—A. Frederick Anderson, 2024 22nd Ave., Oakland.

Plans Being Completed
RESIDENCE Cost, $7,500
LOS ALTOS, Santa Clara Co., Calif.
Two-story adobe residence (6 rooms, 2 baths), 2-car garage.
Owner—Name withheld.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be asked in about two weeks.

Contract Awarded
RESIDENCE Cost, $15,000
MORGAN HILL, Santa Clara Co., Calif.
One-story adobe residence (10 rooms, 4 baths), shake roof, oil burning hot air heating system, wood sash, hardwood and plank floors, tile baths, etc.
Owner—Not Given.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—A. M. Bean, 1512 Adeline Drive, Burlingame.

Contract Awarded
RESIDENCE Cost, $5,500
OAKLAND, Calif. Las Aromos St.
Two-story frame and stucco residence (6 rooms and 2 tile baths), shingle roof, gas heater, Standard plumbing.
Owner—E. H. Saln.
Plans by W. W. Dixon, 1844 Fifth Avenue, Oakland.
Contractor—Dixon & Roth, 1844 Fifth Ave., Oakland.

Plans Being Completed
STORE Cost, $30,000
SANTA CRUZ, Santa Cruz Co., Cal.
New store building (reinforced concrete construction).
Owner—Morris Abrams, Santa Cruz.
Architect — C. J. Ryland, Monterey and Carmel.
Bids will be asked within one week.

Plans Being Completed
RESIDENCE Cost, $.....
MENLO PARK, San Mateo Co., Cal.
One-story frame and stucco residence (5 rooms), shake roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—R. L. Flint.
Architect—Higgins & Root (Chester Root, Architect) Security Bldg., San Jose.

Contract Awarded
RESIDENCES Cost, $3,000 each
OAKLAND, Alameda Co., Calif. Winthrop and Holmes Streets.
Two one-story frame and rustic residences (3 rooms each), tar and gravel roofing, gas heating system, wood sash, hardwood floors, etc.).
Owner—Name withheld.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.
Contractor—Jerry I. Wiggins, 6640 Thornhill Drive, Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
MILLBRAE, San Mateo Co., Calif.
One and one-half-story frame and stucco residence (6 rooms), gas hot air heating system, hardwood floors, tile bath, etc.
Owner & Builder—O. Harjulin, 867 Eddy St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCES Cost, $6,000 ea.
OAKLAND, Alameda Co., Calif. 1949-55 Tenth Ave.
Two 2-story frame and stucco residences (6 rooms each).
Owner—Dr. R. H. Allen, 2004 10th Ave., Oakland.
Architect—Not Given.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.

Contract Awarded
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Calif. 5851 Marpeth St.
One-story and basement frame and stucco residence (6 rooms).
Owner—Emma Sexton, 6100 Taft Avenue, Oakland.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Contractor—J. Sexton, 6100 Taft Avenue, Oakland.

Contract Awarded
RESIDENCE Cost, $4,000
BERKELEY, Alameda Co., Calif. 94 Poppy Lane.
One-story frame residence (4 rms.).
Owner—R. Dogge.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—J. Altermatt, 243 Taurus St., Oakland.

Contract Awarded
ALTER RESIDENCE Cost, $2,660
SAN FRANCISCO, Calif. 850 Pacific Street.
Alter residence.
Owner—J. Meabe.
Architect—Fabre & Heldebrand, 110 Sutter Street.
Contractor—Fred H. Field, 2370 Sutter St.

Plans Being Prepared
RESIDENCE Cost, $12,500
ROSS, Marin Co., Calif. Del Mesa Tract.
Two-story frame and stucco residence (9 rooms and 4 baths), Monterey Colonial style, split shake roof, plaster walls and ceilings, gat hot air heating system.
Owner & Builder—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Owner will take bids shortly.

Plans Being Figured
RESIDENCE Cost, $15,000
MARIN CO., Calif. Del Mesa.
Two-story frame and stucco residence (8 rooms, 3 baths), tile roof, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Roland Stringham, 525 Market St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $5,500
SAN FRANCISCO, Calif. Francisco Heights.
Two-story frame and stucco residence (6 rooms), gas heat hot air system, hardwood floors, etc.
Owner & Builder—Joseph Filippo, % Architect.
Architect—D. E. Jaekle, 126 Post St.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN MATEO, Calif. Aragon Tract.
One-and-one-half-story residence (5 rooms), tile and composition roof, gas hot air heating system, hardwood floors, tile bath, etc.
Owner & Builder—Joseph Filippo, % Architect.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Owner To Take Bids
RESIDENCE Cost, $4,500
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One-story frame and stucco residence (5 rooms), tile and composition roof, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—Mr. and Mrs. C. Behnke, 1532 Florida St., San Francisco.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Calif. 6101 Contra Costa Road.
Two-story frame and stucco residence (7 rooms).
Owner—J. Taylor Jordan, 1517 Beverly Place, Oakland.
Architect—Not Given.
Contractor—Paul H. Haller, 6221 Buena Vista Ave., Oakland.

Plans Being Figured—Bids Close October 12, 5 P. M.
RESIDENCE Cost, $——
SAN FRANCISCO. Green Street bet. Baker and Lyon Streets.
Two-story frame residence (8 rooms and 3 baths) cement and plaster, shingle tile roof, plaster walls and ceilings, hardwood floors, tile baths, etc.
Owner—Dr. and Mrs. Frank M. Rice.
Architect—Gardner Dailey, 210 Post.

Contract Awarded
RESIDENCE Cont. Price, $5,400
CROCKETT, Contra Costa Co., Cal.
One-story frame and wood residence (5 rooms, 1 bath) tile bath and sink; hardwood floors; central heating plant, shake roof.
Owner—D. J. Donohue.
Architect—James Narbett, 462 31st Street, Richmond.
Contractor—W. Vernon Bernard, R. F. D. Box 18-E, Berkeley.
(9964) 1st rep. July 1; 2nd report

Low Bidder.
RESIDENCE Cost, $——
RICHMOND, Contra Costa Co., Cal.
One-story frame residence (4-rooms and garage) hardwood floors, floor furnace, Standard plumbing composition roof, Oregon pine trim.
Owner—Name withheld.
Architect—James Narbett, 462 31st Street, Richmond.
Low Bidder—Fred C. Hosking, 541 Civic Center, Richmond, $4.000.

To Be Done By Day's Work
SHOP & RES. Cost, $6,000
STOCKTON, San Joaquin Co., Calif. 418-24 W. Harding Way.
Two - story frame residence and beauty shop.
Owner—Caroline Greek, 1143 W. Elm St., Stockton.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,000
STOCKTON, San Joaquin Co., Calif. 618 Monterey Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner—Harry C. Spalinger, 641 N. Tuxedo St., Stockton.
Architect—Not Given.
Contractor—S. C. Giles, 121 Knoles Way, Stockton.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
OAKLAND, Calif. 3992 Lyman Road.
Two-story frame and stucco residence (6 rooms).
Owner—Kathryn Kent, 3027 Capp St., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,500
BERKELEY, Alameda Co., Calif. 738 Cragmont Ave.
Two-story frame and stucco residence (7 rooms).
Owner—P. D. Galdis, 306 15th Street, Oakland.
Architect—Not Given.
Contractor—Willard White, 306 15th St., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 each
SAN FRANCISCO, Calif. W. Rossi, N. Turk Street.
Two 1-story and basement frame and stucco residences.
Owner & Builder—Herman C. Hogrefe, 359 24th Ave.
Architect—John Davis Young, 2002 California Street.

SUB BIDS WANTED
SAN FRANCISCO, Calif. — Oliver M. Rousseau, 321 Kearny Street, desires sub bids on all portions of the work for the construction of the residence in St. Francis Wood for Karl F. Schuster, for which bids will be opened October 13.
Plans prepared by Architect Wm. G. Merchant, San Francisco.

Owner Taking Bids
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Cal. Claremont Circle Tract.
Two-story frame residence (7 rooms and 2 baths) wood siding, hardwood floors, shake roof, gas furnace; rustic type.
Owner—M. Mathemy.
Architect — Earl MacDonald, 3812 Broadway, Oakland.

Plans Being Figured
DUPLEX Cost, $——
BERKELEY, Alameda Co., Calif.
Two-story frame and stucco duplex (6 rooms and 2 baths in each) hardwood floors, Standard plumbing, gas furnace, plaster walls and ceilings, etc.
Owner—Mr. A. de Grassy.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Plans being figured by one contractor only.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 2720 Pierce St.
Alterations to residence.
Owner—Charles Lindgren, 2720 Pierce Street.
Architect—Farr & Ward, 68 Post St.
Contractor—D. B. Gladstone, 557 Market Sttrect.

Owner Taking Bids.
RESIDENCE Cost, $5,000
CROCKETT, Contra Costa Co., Cal.
One-story frame and stucco residence (5-rooms, 1 bath) tile and composition roof, hardwood floors, floor furnaces, tile bath and sink.
Owner—John Desmond, 629 Ohio St., Richmond.

Architect—James Narbett, 462 31st Street, Richmond.

Plans Being Completed
RESIDENCE Cost, $6,000
VALLEJO, Solano Co., Calif.
Two-story frame, stucco and wood residence (5 rooms and bath), shake roof, hardwood floors, Standard plumbing, gas furnace, etc.
Owner—W. R. Stephens, 646 Tennessee St., Vallejo.
Architect—James T. Narbett, 462 31st St., Richmond.
Owner will take bids shortly.

Contract Awarded
RESIDENCE Cost, $7,500
BURLINGAME HILLS, San Mateo Co., Calif.
One-story rustic finish farm house (6 rooms), two baths, shake roof.
Owner—J. L. Warner.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Herman T. Holsher, 325 Elm St., San Mateo.

Contract Awarded
RESIDENCE Cost, $7,500
BURLINGAME HILLS, San Mateo County, Calif.
Two-story and basement frame and stucco residence (7 rooms and 2 baths each), shingle roof, gas heating system, wood and steel sash, tile baths, hardwood floor.
Owner—Cole C. Wisely.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Herman T. Holsher, 325 Elm St., San Mateo.

Low Bidder
RESIDENCE Cost, $.....
SAN FRANCISCO. Thirty-first Ave. and Cabrillo Street.
Two-story and basement frame and stucco residence (11 rooms and 3 baths), banquet room, library, bedroom and bath in basement).
Owner—Mrs. Katherine Kane.
Architect—Vincent Rainey, 233 Post.
Low Bidder—Fred K. Dupuy, 110 Sutter Street.

Contract Awarded
RESIDENCE Cost, $12,000
SAN FRANCISCO. Magellan Avenue (Forest Hill).
Two-story and basement frame and stucco residence (10 rooms and 3 baths), English style; slate roof, air conditioning plant, wood sash, tile baths, hardwood floors, brick steps, etc.
Owner—Harold Daly.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor — E. W. Perkins, 510 Stockton St., San Francisco.

Bids Opened
RESIDENCE Cost, $9,000
HAYWARD, Alameda County, Calif. Prospect Street.
Two-story frame and stucco residence (8 rooms and 2 baths), plaster walls and ceilings, Standard plumbing, tile baths, gas furnace, gravel and shingle roof.
Owner—Withheld.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.
Low Bidder—Arthur Holyoake, 2839 E Ave., Hayward—$9,450.
Complete bids follow:
Arthur Holyoake, Hayward.....$9,450
Skovmand & Lewis, Oakland..... 9,717
D. S. Shane, Hayward..... 9,825

Owner Taking Bids
RESIDENCE Cost, $8,000
RICHMOND, Contra Costa Co., Calif.
Two-story frame and stucco residence (6 rooms and 2 baths), composition roof, plaster walls and ceilings, Standard plumbing, gas furnace, tile baths, double garage.
Owner—G. E. Milnes, 415 30th Street, Richmond.
Architect—James T. Narbett, 462 31st St., Richmond.

Contract Awarded
SORORITY HOUSE Cost, $46,269
BERKELEY, Alameda Co., Calif. Warring St., S. Channing Way.
Two-story frame and stucco sorority house.
Owner—Sigma Kappa Sorority.
Architect—W. H. Ratcliff, American Trust Bldg., Berkeley.
Contractor — Walter Sorensen, 2940 Piedmont Ave., Oakland.

To Ask Bids In One Week
RESIDENCE Cost, $——
SAN FRANCISCO.
Two-story and basement frame and stucco residence (8 rooms).
Owner—Mr. Taylor.
Architect—M. J. Rist, Phelan Bldg.

Contract Awarded
RESIDENCE Cost, $5,200
SAN FRANCISCO. 47th Avenue and Geary Street.
One-story frame and stucco residence.
Owner—H. Mountalan, 773 46th Ave.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Harry E. Scott, 4520 Cabrillo St.

Bids Opened
ALTER RESIDENCE Cost, $.....
SEBASTOPOL, Sonoma Co., Calif.
Alterations and additions to residence (new baths, new roof, add additional rooms, etc.).
Owner—George Beck.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—C. W. Shatto, Sebastopol—$2,878.
Complete bids follow:
C. W. Shatto, Sebastopol.....$2,878
.....(1) ded. 420
.....(2) ded. 35
.....(3) ded. 40
.....(4) ded. 70
D. D. Downey, Sebastopol.....$2,930
.....(1) ded. 425
.....(2) ded. 30
.....(3) ded. 41
.....(4) ded. 67
Bids held under advisement.

Plans Being Completed
RESIDENCE Cost, $6,000
VALLEJO, Solano Co., Calif.
Two-story frame, stucco and wood residence (5 rooms and bath), shake roof, hardwood floors, Standard plumbing, gas furnace, etc.
Owner—W. R. Stephens, 646 Tennessee St., Vallejo.
Architect—James T. Narbett, 462 31st St., Richmond.

Contract Awarded
DUPLEX RESIDENCE Cost, $——
PITTSBURG, Contra Costa Co., Cal.
One-story frame and stucco duplex residence (one 3-room and one 5-room residence) shingle & composition roofing, gas central heating plant, wood sash, hardwood floors, etc.
Owner—Max Robertson.
Architect—James Narbett, 462 31st Street, Richmond.
Contractor — Horace J. Siino, 710 Black Diamond St., Pittsburg.

15— SCHOOLS

BIDS WANTED
WASCO, Kern Co., Calif.—Until October 16, 7:30 p.m., bids will be received by Wasco Union School District for constructing a three-room reinf. concrete primary building and auxiliary work at Wasco, Kern Co. Plans and specifications may be obtained at the office of Perrine and Mackie, engineer and architect, 333 T. W. Patterson Bldg., Fresno, upon deposit of $10. Certified or cashier's check or bond for 5% must accompany each bid.

BIDS REJECTED
LOS ANGELES, Calif.—Los Angeles Board of Education rejected bids for reinf. concrete assembly building and alterations and additions to existing shop building at Thomas Jefferson high school, 1319 E. 38th St., due to excessive costs, and ordered plans and specifications remanded to the architects for revision. Work will be re-advertised shortly. Morgan, Wall & Clements, architects; Edwin F. Rudolph, structural engineer; E. L. Ellingwood, mechanical engineer, and Michael Rettinger, acoustical engineer.

CONTRACT AWARDED
LOS ANGELES, Cal.—J. H. Pelkey 2175 Locust Ave., Long Beach, was awarded contract by Los Angeles board of education at $74,500 for reconstruction, strengthening and rehabilitation of the 1923 and 1926 portions of the main building and auditorium at the Lillian Street school, 5917 Lillian St. A. S. Nibecker, Jr., architect.

COMPLETE BIDS
Phoenix, Ariz.—As previously reported, McGinty Const. Co., Phoenix, at $39,729, submitted low bid to Department of Interior, Purchasing Office, Washington, D. C., for the construction of a gymnasium at the Phoenix Indian Vocational School Agency, Phoenix. The building will be a one-story structure, 117x79-ft. in area; concrete foundations, exterior walls of concrete block to be furnished by the government, maple floors, steel trusses, asbestos roofing, steel sash, gas water heater, etc. Mayers, Murray & Phillip, New York City, architects; Janssen & Whittlesey, Phoenix, associate architects.
Complete bids follow:
McGinty Const. Co., Phoenix....$39,729
P. W. Womack, Phoenix..... 43,786
Wm. Peper, Phoenix..... 47,839
Hunt & Curry Co., San Diego.... 49,749

Bids Wanted—To Close Oct. 16, 8 P. M.
AUDITORIUM Cost, $18,000
SAN PABLO, Contra Costa Co., Calif.
One-story frame and stucco school auditorium (to seat 350).
Owner—San Pablo School District.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
PWA approved grant to assist in financing.
Plans and specifications may be obtained from the architects upon deposit of $15.00.

LOW BIDDER
LOS ANGELES, Calif.—Weymouth Crowell Construction Co. and Robert S. Campbell, 2104 E. 15th St., at $664,700, submitted low bid to Los Angeles board of education, for reinforced concrete library, chemistry, biology, cafeteria and students' union building to be erected at Los Angeles junior college, 855 N. Vermont Ave. Allison and Allison, architects; Franklin N. Ropp, structural engineer, and E. L. Ellingwood, mechanical engineer.

BIDS WANTED
COVINA, Los Angeles Co., Calif.—Until October 19, 8 p.m., bids will be received by Covina Union High Sch. District, at office of Superintendent, High School Administration Bldg., Covina, for reinf. concrete two-story and basement liberal arts building to be erected on property at southwest corner of Citrus and Dexter Streets, Covina, a PWA project. Cost, $100,000. John C. Austin and Frederic

M. Ashley, architects, Chamber of Commerce Bldg., Los Angeles. 5

Bids Wanted — To Close October 20, 4 P. M.
RECONSTRUCTION Cost, $30,000
OAKLAND, Alameda Co., Calif. 14th and Myrtle Streets.
Reconstruct Lowell Junior High Sch.
Owner—Oakland School District.
Architect—W. G. Corlett, Second Avenue and E. Tenth St., Oakland (School Administration Bldg.).
Plans and specifications may be obtained from the above office upon deposit of $25.

Preparing Working Drawings
GYM. & POOL Cost, $286,000
DAVIS, Yolo Co., Calif. College of Agriculture.
Class A reinforced concrete and steel gymnasium and swimming pool.
Owner—Regents of the University of California.
Architect — Wm. Hays, Crocker First National Bank Bldg., San Francisco.
Mechanical Engineer—T. J. Janes, University of California.
Structurel Engineer—W. L. Huber, 1 Montgomery St., San Francisco.

LOW BIDDER
PHOENIX, Arizona.—McGiney Construction Company, Phoenix, Arizona, at $39,729, submitted low bid to Department of Interior, Purchasing Office, Washington, D. C., for the construction of a gymnasium at the Phoenix Indian Vocational School Agency, Phoenix, Ariz. The building will be a one-story structure, 117x79 feet in area; concrete foundations, exterior walls of concrete block to be furnished by the government, maple floors, steel trusses, asbestos roofing, steel sash, gas water heater, etc. Mayers, Murray & Phillip, New York City, architects; Janssen & Whittlesey, Phoenix, associate architects.
Bids held under advisement.

Contract Awarded
ADDITION Cont. Price, $68,900
NORTH SACRAMENTO, Calif.
Addition to high school building (add 15 classrooms), reinforced concrete construction.
Owner — Grant Union High School District.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Contractor — Azevedo Construction Co., 920 O St., Sacramento.
Complete bids published Sept. 30.

Contract Awarded
SCHOOL Cont. Price, $425,000
BELLINGHAM, Washington.
Two- and three-story high school (458x353 feet), 44 classrooms, auditorium, boys' and girls' gymnasium, etc. (concrete construction).
Owner—Bellingham School District.
Architect — F. A. Naramore, Central Bldg., Seattle.
Contractor—Henrikson-Alstrom Construction Co., Textile Tower, Seattle, Wash.

Bids Rejected
ADDITION Cost, $2,000
SACRAMENTO, Sacramento Co., Cal.
Addition to school (add one classroom).
Owner—Sylvan School District (Mrs. Itha Leonard, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Low Bidder—C. J. Hopkinson, 1810 28th St., Sacramento, $2,990.
Only other bid submitted by Chas. Unger, Sacramento, at $3,120.

Plans Being Completed
ADDITION Cost, $18,000
GREENFIELD, Monterey Co., Calif.
One - story frame and stucco addition to high school.
Owner—Greenfield Un. High School District.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Bids will be asked in about one week.

Sub Contracts Awarded
SCHOOL BLDG. Cost, $525,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Three-story steel frame and reinforced concrete School of Education (33 offices, 4 library rooms, 7 classrooms, 12 working rooms, 3 laboratories, 7 cubicles, 2 research rooms and 23 special small rms.), auditorium to seat 500.
Owner—Stanford University.
Architect—Bakewell & Weihe and Arthur Brown, Jr., associate architects, 251 Kearny Street, San Francisco.
Contractor—Geo. Wagner, 181 South Park, San Francisco.
Heating & Plumbing—J. H. Pinkerton, 927 Howard St., San Francisco.
Electric—Roy M. Butcher, 1020 San Jose Ave., San Jose.

Plans Being Completed
SCHOOL Cost, $15,000
UKIAH, Mendocino Co., Calif.
One-story frame and rustic grammar school.
Owner—Ukiah Grammar School Dist.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Bids will be asked in about two weeks. PWA approved grant.

Plans being Figured—Bids Close October 17
SCHOOL ADD. Cost, $12,500
KERN CO., Calif. 4 mi. south of Shafter.
One-story reinforced concrete addition to school (2 classrooms), tile roof, wood sash, hardwood floors, pine trim, two gas floor furnaces, etc.
Owner—Rio Bravo School District.
Architect—Perrine & Mackie, [illegible] E. Mackie, Architect, 908 Western Pacific Bldg., Los Angeles.

Bids Wanted—To Close October 16, 2 P. M.
ADDITIONS Cost, $.....
KERN CO., Calif.
Additions to Mountain View school building.
Owner—Mountain View School Dist.
Architect—Charles H. Biggar, 554 Haberfelde Bldg., Bakersfield.
Plans and specifications may be obtained from architect's office.

Bids Wanted—To Close Oct. 21, 10 A. M.
GARAGE, ETC. Cost, $2,500
NAPA, Calif. Wild Horse Road and Second Ave.
Garage building, pump house, pumping plant and equipment at Mt. George Elementary School.
Owner—Mt. George Elementary Sch. District (J. E. Godley, Clerk), Napa.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Plans and specifications may be obtained from the Superintendent of Schools, Court House, Napa, upon deposit of $10.00.
Work involves one-story frame and stucco garage building, composition roof, concrete footings; one-story frame and stucco pumphouse, concrete footings; W.A. 8-in. stroke Aero motor auto oil inkwell pump with 3 V belt drive to one horse power.

Sub Contracts Awarded
ADDITION Cost, $24,490
PETALUMA, Sonoma Co., Calif.
Addition to the domestic science and music building (add four rooms), frame and stucco construction, built-up roofing, etc.
Owner—Petaluma High School Dist.
Architect—Brainard Jones, 226 Washington St., Petaluma.
Contractor—Walter Singleton, Petaluma.
Electric Wiring—Baugh & Liddle, Petaluma.
Heating—Frank Hoirup, Petaluma.
Glass—Diamond Match Co., Petaluma.
Lumber—Sterling Lumber Co., Petaluma.
Hardware—Marshall Newell Co., San Francisco.

Plans Being Completed
ADDITION Cost, $7,000
PAJARO, Monterey Co., Calif.
Addition to grammar school (add one classroom, frame and stucco construction).
Owner—Pajaro Grammar School District.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Engineer—Chas. E. Butner, 51 Maple St., Salinas.
Bids will be asked shortly.

Plans Being Prepared
SCHOOL Cost, $14,000
SALINAS, Monterey Co., Calif.
One - story frame and stucco school building (two classrooms).
Owner—Buena Vista School Dist.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Bids in the amount of $8,000 were recently voted. Bids will be asked in about thirty days.

Preparing Working Drawings
GYMNASIUM Cost, $125,000
WATSONVILLE, Santa Cruz Co. Cal.
One - story reinforced concrete gym. (to house manual training shop, music room, boys' & girls' shower and dressing rooms, locker and practice rooms, etc.
Owner—Watsonville City School District.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.

BIDS WANTED
LOS ANGELES, Calif.—Until October 19, 2 p.m., bids will be received by Los Angeles board of education, purchasing bureau, 1425 S. San Pedro St., for six standard 3-unit classroom bungalows, one standard double classroom bungalow, craft building and physical education building to be erected at El Sereno District high school, 2911 Eastern Ave. Cost, $96,000. A. S. Nibecker, Jr., architect, 1425 S. San Pedro St.

BONDS VOTED
ONTARIO, San Bernardino Co., Cal. —Chaffey High School District affirmed $195,000 bond issue, proceeds to be used to pay part of the construction costs of a proposed new auditorium at Chaffey high school in Ontario. The total cost of the structure is estimated at $400,000, and application has been filed with the PWA for additional grant funds. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects.

BOND ELECTION
MONTEREY CO., Calif.—Mission Union School District will vote on October 26 on a proposal to issue bonds in the amount of $12,000, proceeds to finance construction of work of improvements to school in Mission Union School District.

BIDS WANTED
VISALIA, Tulare Co., Calif.—Until October 19, 7:30 p.m., bids will be received by E. E. Baker, Clerk, Visalia, Union High School District, for furnishing and installing shelving and cabinet work together with necessary hardware and plumbing in the

addition to the science building at the Visalia High School.

Plans and specifications may be obtained from above office.

CONTRACT AWARDED

LOS ANGELES, Calif.—Charles W. Pettifer, 703 West 14th St., Long Beach, at $261,085, awarded contract by Los Angeles board of education, October 1, for construction of an 8-room reinf. concrete auditorium and a 13-room physical education building at San Pedro high school, 1221 S. Gaffey St., San Pedro. Gordon B. Kaufmann, architect; Francis N. Dlouhy, structural engineer.

SEEK FUNDS

TUCSON, Ariz.—University of Arizona has applied to the PWA for a loan and grant totaling $481,500, to be used for financing the construction of a women's dormitory and a dining hall on the university campus in Tucson. Roy Place, 11 E. Pennington St., Tucson, architect.

BONDS VOTED

ESCONDIDO, San Diego Co., Calif. —Escondido Union High School District affirmed $65,000 bond issue, proceeds to be used together with an expected PWA grant to finance the construction of a combination class A reinf. concrete auditorium, gymnasium, cafeteria and classroom building at Escondido high school. Cost, $118,000. Wm. P. Lodge, 401 California Bank Bldg., San Diego, architect.

Contract Awarded

ADDITION Cost, $——

RIO DEL MAR, Santa Cruz Co., Cal.

Dining room annex, ballroom and new kitchen.

Owner—Rio Del Mar Country Club, Russ Bldg., San Francisco (Walter McGowan, Gen. Mgr.)

Plans by Engineering Dept. of Owner.

Contractor—E. T. Leiter & Sons, 811 37th St., Oakland.

16—BANKS, STORES AND OFFICES

Contract Awarded

OFFICE BUILDING Cost, $10,000

SAN FRANCISCO, Calif. W. Potrero Ave., N. 15th St.

One-story Class C office building.

Owner—G. R. and E. T. Yates.

Engineer—H. A. Emmick, 1280 Indiana Street.

Contractor—Louis Johnson, 666 Mission Street.

Store Fixture Contract Awarded

SHOP Contract Price, $24,340

SAN FRANCISCO. Phelan Building.

New women's sport shop.

Owner—Roos Brothers.

Architect—Albert R. Williams, Humboldt Bank Bldg.

Contractor—L. & E. Emanuel, 2665 Jones Street.

Store Fixtures—Mullen Mfg. Co., 60 Rausch St.—$11,377.

Interior Finish—Fink & Schindler, 552 Brannan St.—$25,500.

As previously reported.

Glass—Crowe Glass Works, 675 Golden Gate Ave.

Linoleum—Malott & Peterson, 3221 20th St.

Plumbing Contract Awarded

STORES Cost, $25,000

SANTA CRUZ, Santa Cruz Co., Calif.

One-story reinforced concrete store building (4 stores), tar and gravel roofing, concrete floors, terra cotta front, etc.).

Owner—Pacific States Amusement & Realty Co., Santa Cruz.

Architect—Not Given.

Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Contractor—Salih Bros., 25 Taylor St., San Francisco.

Plumbing—Izant & Wilson, Santa Cruz.

As previously reported:

Terra Cotta—N. Clark & Son, 116 Natoma St., San Francisco.

Lumber—Hebbron Lumber Co., Santa Cruz.

19—MISC. CONSTRUCTION

CONTRACTS AWARDED

SAN FRANCISCO, Cal.—Following awarded contracts by State Board of Harbor Commissioners for repairs and drydocking as follows:

(1) Drydocking and carpentry work on tug, Gov. Irwin, General Engineering and Drydock Co.—$1,390.

(2) Machine Work, do., Eureka Boiler Works—$2,014.

(3) Boiler Work, do., Columbia Machine Works—$360.

(4) Drydocking and carpentry work on Dredge No. 3, Pacific Drydock and Repair Works—$1,495.

(5) Machine and boiler work on Dredge No. 3, Pacific Drydock and Repair Works—$1,385.

Complete bids follow:

Columbia Machine Works—(1) —; (2) $2,170; (3) $360; (4) —; (5) $1,695.

Bethlehem Shipbuilding Co.—(1) $1,470; (2) $2,660; (3) $688; (4) $1,548; (5) $1,610.

General Engineering & Drydock Co. —(1) $1,390; (2) $2,390; (3) $640; (4) $1,586; (5) $1,455.

Pacific Drydock & Repair Co.—(1) $1,435; (2) $2,450; (3) $710; (4) $1,495; (5) $1,385.

United Ship Repair Co.—(1) ——; (2) $2,137; (3) $646; (4) ——; (5) $2,183.

Eureka Boiler Works—(1) ——; (2) $2,014; (3) $573; (4) ——; (5) $1,725.

To Be Done By Day's Work

RETAINING WALL Cost, $6,000

SAN FRANCISCO, Calif. S. Vallejo, bet. Divisadero and Scott.

Concrete retaining wall.

Owner—Sbarboro & Jorgensen, 207 Walnut Street.

Structural Engineer—L. H. Nishkian, 525 Market St.

CONTRACT AWARDED

CORONA AND UPLAND, Calif.—Hoagland Engineering & Construction Co., First National Bank Bldg., Long Beach, awarded contract by Santa Fe Railway for construction of new passenger depots in Corona and in Upland.

Plans Being Revised

ALTERATIONS Cost, $——

SAN FRANCISCO. Sixth Ave. and Geary Street.

Alterations to undertaking establishment.

Owner—Ashley & McMullen, Inc., 399 Sixth Avenue.

Architect—Johnson & Wethered, Sir Francis Drake Hotel.

New bids will be asked shortly.

Contract Awarded

SWIMMING POOL Cost, $3,500

PIEDMONT, Alameda Co., Calif. 67 King Avenue.

Swimming Pool.

Owner—Herbert E. Hall, Prem.

Architect—Not Given.

Contractor—Chas. Stockholm, Rose Bldg., San Francisco.

CONTRACT AWARDED

SAN FRANCISCO.—Hanson Bros., 5840 Mission St., at $1,565, awarded contract by the Department of Public Works, City Hall, under Spec. No. 4751, for the moving of the West Portal of Breon Gate at 19th Ave. and Lincoln Way.

Work involves the moving of the west entrance gate of the 19th Ave. and Lincoln Way entrance to Golden Gate Park, a distance of approximately 50 feet.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES.—Bethlehem Fabricators, Inc., submitted the low bid to the U. S. Engineer, 751 S. Figueroa St., Los Angeles, Sept. 29th, at $3,767, for furnishing 90,000 lbs. fabricated steel and other metal work incidental to the complete frame work for the Ramona Blvd. highway bridge at the crossing of Ramona Blvd. over Rubio Wash, near San Gabriel. Circ. Prop. No. 193.

The complete bids were:

Bethlehem Fabricators, Inc.—4.19c lb.; total, $3,767.

Pennsylvania Iron & Steel Co.—4.99c lb.; total, $4491.

Consolidated Steel Corp.—5.03c lb.; total, $4527.

Ingals Iron Works—5.125c lb.; total, $4612.

Bethlehem Steel Co.—5.16c lb.; total, $4644.

Minneapolis Moline Power Implement Co., 5.68c lb.; total, $5112.

BIDS OPENED

SAN FRANCISCO.—A. C. Lo Prest, 560 7th St., at $2,204, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1652, for furnishing feed water heater for the San Francisco Hospital.

The other bids were:

Halloran & Pardee	$2,545
Worthington Co., Inc.	2,858
Elliot Co.	3,100
C. C. Moore & Co., Engineers, Inc.	3,122

BIDS OPENED

SALT RIVER PROJECT, Arizona. —Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 835-D, for furnishing and delivering f.o.b. cars at shipping point and/or Mesa, Ariz., nine motor-driven, worm-gear, reduction units and nine sets of miscellaneous parts for alterations to radial-gate hoists; materials for alterations to nine radial gates; and spiral stairways for the spillways at the Horse Mesa Dam, Salt River Project.

(1) 9 motor-driven reduction units and miscellaneous parts;

(2) Materials for alterations to radial gates;

(3) Spiral stairways.

Madsen Iron Works, Huntington Park—(1) $13,825; f.o.b. Los Angeles; net.

Consolidated Steel Corp., Ltd., Los Angeles—(1) $14,218; (2) $2,324; f.o.b. Los Angeles; net.

General Iron & Steel Works, Portland—(1) $12,150; f.o.b. Portland; net.

Commercial Iron Works, Portland—(1) $11,100; f.o.b. Portland; net.

Valley Iron Works, Yakima—(1) $13,300; (2) $3,096; f.o.b. Yakima; 5% discount.

Allison Steel Mfg. Co., Phoenix—(1) no bid; (2) $2,684; (3) $5,785; f.o.b. Mesa; net.

Steacy Schmidt Mfg. Co., York, Pa. —(1) $12,900; f.o.b. York; net.

S. Morgan Smith Co., York—(1) $12,200; (2) $3,078; f.o.b. York; net.

Long Beach Iron Works, Long Beach—(1) $13,055; f.o.b. Long Beach; net.

Beall Pipe & Tank Corp., Portland —(1) $13,922.50; (2) $3,640.80; f.o.b. Portland; net.

John W. Beam Co., Denver—(2) $2,015; f.o.b. Peotone, Ill.; (3) $4,375; f.o.b. Denver; ½% discount.

Lincoln Machine Co., Pawtucket, R. I.—(1) $17,633; f.o.b. Pawtucket; net.

Lakeside Bridge & Steel Co., Milwaukee—(1) $13,918; (2) $1,933; (3) $5,793; f.o.b. Milwaukee; ½% discount.

Thomas Spacing Co., Pittsburgh, Pa.—(1) $18,500; f.o.b. Glenshaw, Pa.; ¼% discount.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CALIFORNIA STATE

SAN FRANCISCO.—Until Oct. 14, 2 P. M., bids will be received by Chas. E. Andrew, Bridge Engineer, San Francisco-Oakland Bay Bridge, Room 811, 500 Sansome St., San Francisco, for the sale of salvaged cable foot-walk material as follows:

17,500 ft. 2-in. No. 6 gauge link fabric wire;
17,500 ft. ⅝- and ¾-in. wire hand rope
3,000 cable clips;
1,500 6x8-in. x 10-ft. 6-in. Douglas fir timbers.

The 17,500 l.f. of foot-walk is made up of three sections of 2-in. mesh No. 6 gauge galvanized wire link fabric in 36- 42- and 36-in. widths wired together to make a 9-ft. 6-in. total width; this walkway is cut in approximately 30-ft. lengths and rolled into units. Included in each roll are the attached 6x8-in. x 10-ft. 6-in. cross timbers, some of the 3x6-in. x 4-ft. 6-in. hand-rail posts, also the ½- and ¾-inch galvanized hardware cloth which is also in three widths, making up a total weight for each unit of about 1000 lbs.

Materials may be inspected in place or at Beale and Bryant Streets, San Francisco, by first contacting the Resident Engineer on Pier 24, San Francisco.

CANAL ZONE

PANAMA CANAL ZONE. — Until October 19, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3186, for furnishing miscellaneous supplies and equipment, including:

Wire rope, pipe fittings, sanitary fixtures, range boilers, flush elbows, flush pipes, floor drains, metal valves stop cocks, nails, boat spikes, extension ladders, step-ladders, pipe cutters, pipe diestocks, grease cups, portable hand lamps, pig iron, ferrotitanium, ferrosilicon, ferromanganese, foundry coke, bearing metal, ingot copper, ganister, silica sand, calcium carbide, fire clay, quicklime, wire solder, air-brake hose, pipe covering, and lumber (white ash, cypress, white oak, hickory, maple, northern white pine or sugar pine, poplar and California redwood).

Specifications obtainable from the above office and from the Assistant Purchasing Officer, The Panama Canal, Fort Mason, San Francisco.

WAR DEPARTMENT

SACRAMENTO.—Until October 13, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-72, for the rental of dump trucks for approximately 800 hours.

Contractor shall furnish from one to four trucks and perform all work of hauling earth or other materials loaded into them, and dumping the loads as directed by the contracting officer. The work will be mostly on or along the banks of the Sacramento River from the vicinity of Walnut Grove to near Colusa. Trucks shall be of not less than 4 c.y. capacity, dual rear wheels, and pneumatic tires.

Specifications obtainable from the above office.

LOS ANGELES, Cal.—Until Oct. 13 3 P. M., bids will be received by the U. S. Engineer, 751 S. Figueroa St., for furnishing 151,000 lbs. fabricated steel and other metal work incidental to the complete frame work for the Walnut Grove Ave. highway bridge at crossing of Walnut Grove Avenue over Rubio Wash, near San Gabriel. Bid bond 10% must accompany bid. Circ. Prop. No. 204.

SACRAMENTO, Cal.—Until Oct. 13 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-74, for the use of a barge of not less than 22 ft. beam and 70 ft. length, and not less than 4 ft. nor more than 7 ft. in depth, for approximately 60 days.

Delivery fob Sacramento.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Oct. 14, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid. 37-78, for furnishing 360,000 ft. b.m. lumber for mattress construction, 1x4-in.

Delivery fob cars, bidder's mill.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Oct. 13, 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-106, for furnishing 200 gals. ready-mixed paint, olive drab.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Oct 10 A. M., bids will be received b[illegible] Quartermaster Supply Office[illegible] Francisco General Depot, F[illegible] son, under Bid No. 928-37-107 [illegible] nishing 6,012 gals. olive d[illegible] mixed paint.

Specifications obtaina[illegible] the above office.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth Street, San Francisco, for furnishing miscellaneous supplies for use on WPA projects, as follows:

October 12, 10 A. M.

BID NO. 2610—200 tons crushed rock and 20 tons sand; f.o.b. vicinity Oak Knoll and Mountain Blvds., Oakland.

October 13, 10 A. M.

BID NO. 2624—1,200 gals. concrete primer; 450 rolls asbestos waterproofing felt, and 130 rolls asphalt - saturated waterproofing fabric; f.o.b. Aquatic Park, Larkin and Beach Streets, San Francisco.

BID NO. 2625—40 tons asphalt waterproofing compound; f.o.b. car, Larkin & Beach Sts., San Francisco.

October 14, 10 A. M.

BID NO. 2623—200 c.y. river sand; f.o.b. jobsite, Aquatic Park, Larkin and Beach Streets, San Francisco.

BID NO. 2621—500 gals. konset; f.o.b. Zoological Gardens, Sunset near Skyline Blvd., San Francisco.

October 15, 10 A. M.

BID NO. 2620—15 tons hydrated lime and 48 tons plaster; f.o.b. cars, Larkin and Beach Streets, San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until October 16, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1662, for furnishing bronze fittings and lead connections for the Water Department.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until October 26, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1659, for furnishing outlet valves for the O'Shaughnessy Dam, as follows:

(1) One 72-in. manually operated butterfly valve, complete with operating mechanism, companion flanges, and all other necessary appurtenances.
(2) One 72-in. balanced needle type regulating valve, complete with operating mechanism, companion flanges, and all other necessary appurtenances.

Specifications obtainable from the above office.

NAVY DEPARTMENT

[illegible]INGTON, D. C.—Bids will be [illegible]d by the Bureau of Supplies [illegible] counts, Navy Department, [illegible]gton, D. C., for furnishing [illegible]neous supplies and equipment [illegible]ows:

[illegible]GRAPHS, electrical, alternat[illegible]ng current, and spares; Mare Island. Sched. 8919; October 13.

DISHWASHING machines, electrically operated, 2, and spares; Mare Island. Sched. 8876; October 13.

HOSE. 3,475 ft., bronze steam; Mare Island. Sched. 8871; October 13.

BAGS, burlap, 4100; Mare Island and Puget Sound. Sched. 8915; October 16.

PLUGS, spark, 20,000; Mare Island. Sched. 8932; October 20.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Oct. 13 11 A. M., bids will be received by the Metropolitan Water District, S. A. Joseph, Purchasing Agent, Room 504 306 W Third St., Los Angeles, under Bid No. 70,000 for furnishing two horizontal centrifugal pumps (Spec. No. E-289) capacity 200 gpm, total head 280 ft., maximum suction head, 10 ft., motor 200-h.p., 4 pole, 2300-volt; option to purchase 6 identical pumps; also one horizontal centrifugal pump, 1000 gpm., 280 ft. head, maximum suction head, 10 ft., 125 h.p., 4 pole, 2300 volt motor.

TEHAMA COUNTY

TEHAMA CO., Calif.—Until October 13, 10 a.m., bids will be received by the Tehama County Board of Supervisors, R. H. Holthe, Clerk, Court House, Red Bluff, for furnishing 10,000 gals. more or less of fuel oil.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

SACRAMENTO CO., Calif.—Until October 21, 10 a.m., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for the construction of a concrete bridge 24 ft. wide and 115 ft. long on Dry Creek Road.

Plans and specifications obtainable from the office of County Engineer E. A. Fairbairn upon deposit of $10.

BIDS OPENED

LOS ANGELES. — John Strona, Philadelphia St., Pomona, at $213,-498.70, submitted low bid to the Los Angeles Board of Public Works for the construction of the Riverside Dr. bridge (Victory Blvd. bridge) over the Los Angeles River, and appurtenant street improvements and park work between 375 and 2282 ft. south of Sonora Ave., Glendale.

Complete bids follow:

John Strona, Pomona	$213,498.70
Sharp & Fellows Contr. Co., Los Angeles	244,750.55
Geo. K. Thompson, L. A.	265,677.00
Engineer's estimate	212,431.91

CONTRACT AWARDED

LEWIS CO., Wash.—Williams & Douglas, Kalispell, Mont., at $69,922, awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for constructing a treated timber bridge with concrete deck, two viaducts of reinforced concrete, together with approach grading, Randle-Yakima Highway, Columbia National Forest, Lewis Co.

The length of the project is approximately 0.0587 mile grading and 0.036 mile bridge.

BIDS REJECTED

CONTRA COSTA CO., Calif.—Contra Costa County Board of Supervisors rejected all bids received for construction of a bridge across San Ramon Creek at Alamo Cemetery and instructed County Surveyor R. R. Arnold to proceed with the work by force account.

The structure will have a timber deck on I beams and H columns.

BIDS WANTED

SAN FRANCISCO.—Until Oct. 14, 2:30 P. M., bids will be received by F. F. Moran, Assistant Procurement Officer, Forest Service, 916 Phelan Building, San Francisco, under Bid No. 914, for furnishing 110 ft. structural steel flume truss for the Mud Creek project.

Delivery fob bidder's shipping point and/or McCloud.

BIDS WANTED

MARICOPA COUNTY, Ariz.—Until October 23, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for constructing the McClintock Ave. overpass on the Tempe-Chandler Highway, W P G S 126, AFE 618. The work, which is located about one mile east and ¼ mile south of the city limits of Tempe, consists of the construction of a conc. and steel overpass structure and earthwork approaches, and is to be completed on or before June 30, 1937.

The principal items and approximate quantities are:

47,800 c.y. imported borrow (CIP);
1,300 c.y. select material (CIP);
200 c.y. Class A concrete;
27,200 lbs. reinf. steel;
61,800 lbs. struc. steel;
652 l.f. corru. metal pipe (3 sizes);
2,432 l.f. road guard;
720 l.f. 8x8-in. steel H-column piles
18 each, driving do;
600 l.f. 10x10-in. steel H-col. piles;
15 each driving do;
634 tons cutback mix;
75 tons plant-mix seal coat;
1,140 M. gals. sprinkling;
450 hours rolling;
and other incidental items.

Plans may be obtained at the office of the state highway engineer, T. S. O'Connell, 17th Ave. and Jackson St. Certified or cashier's check for 5% must accompany each proposal.

BIDS WANTED

KERN COUNTY, Cal.—Until Oct. 19, 2 P. M., bids will be received by the State Division of Highways, R. M. Gillis, State Highway Engineer, State Highway Bldg., Fresno, for constructing a reinforced concrete bridge across Calloway Canal, two miles west of Bakersfield, consisting of ten 16-ft. spans.

The work involves:

(1) 150 c.y. structure excavation;
(2) 250 c.y. Class F portland cement concrete;
(3) 43,000 lbs. bar reinf. steel;
(4) 375 l.f. timber bridge railing;
(5) One lot misc. items of work.

Plans and specifications obtainable from the above office.

BIDS WANTED

SACRAMENTO CO., Calif.—Until October 21, 10 a.m., as previously reported, bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for construction of the Robla bridge, a concrete structure 30 ft. wide and 58 ft. long.

The work involves:

(1) 160 c.y. class A concrete;
(2) 3.9 c.y. class E concrete;
(3) 16,000 lbs. reinforcing steel;
(4) 200 c.y. excavation and backfill;
(5) Lump sum, removing existing structure.

Plans anu specifications obtainable from the office of County Engineer E. A. Fairbairn upon deposit of $10.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

SACRAMENTO CO., Calif.—Until October 21, 10 a.m., as previously reported, bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House Bldg., Sacramento, for the construction of a concrete bridge 24 ft. wide and 115 ft. long on Dry Creek Road.

The work involves:

(1) 260 c.y. class A concrete;
(2) 6.7 c.y. class E concrete;
(3) 27,000 lbs. reinforcing steel;
(4) 500 c.y. excavation and backfill;
(5) Lump sum, removing existing structure.

Plans and specifications obtainable from the office of County Engineer E. A. Fairbairn upon deposit of $10.

BIDS OPENED

SANTA CRUZ COUNTY, Cal.—A. Soda & Son, 5231 Grove St., Oakland, at $12,962.25 submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the construction of a concrete girder bridge across Corralitos Creek, about one mile east of Watsonville, Santa Cruz County.

The work involves:

(1) 290 c.y. roadway excav., uncl.;
(2) 75 c.y. structure excav.;
(3) 1175 c.y. imported borrow;
(4) 260 tons crusher-run base;
(5) 5 tons liq. asphalt, SC-2 (penetration oil treatment);
(6) 3 tons liq. asphalt, SC-1A (prime coat);
(7) 2 tons liq. asphalt, 90-95 (armor coat);
(8) 35 tons rock screenings (armor coat);
(9) 33,000 lbs. bar reinf. steel;
(10) 125 c.y. class A portland cement concrete (structures);
(11) 9 c.y. class A portland cement concrete (railing);
(12) 820 l.f. furnishing concrete piles, including test piles;
(13) 16 each, driving concrete piles, including test piles;
(14) 35 c.y. light riprap;
(15) 198 l.f. 12-in. CMP;
(16) 44 l.f. 18-in. CMP;
(17) One only, existing bridge to be removed;
(18) One lot miscellaneous items of work.

Total bids follow:

(A) A. Soda & Son, Oakland, $12,-962.25.
(B) L. C. Karstedt, Watsonville, $14,-394.00.
(C) F. O. Bohnett, Campbell, $15,-925.30.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.00	$ 1.00	$ .90
(2)	2.00	1.50	2.50
(3)	1.25	1.00	.80
(4)	4.50	3.00	5.00
(5)	35.00	30.00	40.00
(6)	40.00	30.00	40.00
(7)	50.00	30.00	40.00
(8)	5.00	5.00	6.00
(9)	.0575	.06	.07
(10)	24.00	30.00	30.00
(11)	40.00	65.00	60.00
(12)	2.00	2.75	2.25
(13)	50.00	125.00	150.00
(14)	8.00	6.00	5.00
(15)	1.00	.75	.40
(16)	2.00	.75	.40
(17)	800.00	400.00	500.00
(18)	250.00	200.00	600.00

FUNDS GRANTED

SACRAMENTO, Sacramento Co., Calif.—The PWA has approved a grant of $72,500 to the City of Sacramento to supplement $91,540 in city funds for construction of an approach viaduct from Third Street to the I Street bridge over the Sacramento River, to connect with the Jibboom St. viaduct being constructed under supervision of the State Division of Highways.

Fred J. Klaus, City Engineer.

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

BOISE PROJECT, Idaho.—Until October 23, 10 a.m., bids will be received by the Bureau of Reclamation, Ontario, Oregon, R. J. Newell, Construction Engineer, under Spec. No. 704, for the construction of earthwork, bench flume, and structures, Black Canyon Canal, station 0 to station 157, Payette Division, Boise Project.

The work is located near Emmett, Idaho, and the principal items of work involved are:

(1) 473,500 c.y. all classes of excavation for canal;
(2) 31,500 c.y. excavation for core banks;
(3) 200,000 sta. c.y. overhaul;
(4) 5,000 c.y. all classes of excavation for structures;
(5) 10,000 c.y. backfill;
(6) 3,400 sq. yds. preparing rock foundations for bench flume;
(7) 2,100 sq. yds. trimming earth foundations for bench flume;
(8) 20,000 c.y. earth lining of canal;
(9) 500 c.y. gravel blanket on slopes of canal;
(10) 3,397 c.y. concrete;
(11) 500 sq. yds. dry-rock paving;
(12) Placing 455,000 lbs. reinforcement bars;
(13) Erecting 22 MFBM timber in structures;
(14) Constructing 2,700 l.f. 6-in. diam. drains;
(15) Installing 2,400 lbs. gates and gate hoists;
(16) Laying 436 l.f. 15-in. and 18-in. diam. concrete pipe.

Plans and specifications obtainable from the Bureau of Reclamation at Ontario; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, $1.50 per

BIDS WANTED

SAN DIEGO.—Until October 15, 11 a.m., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8366, for removing Mooring "C" and relocating Mooring "A3" at the 11th Naval District, Los Angeles Harbor, San Pedro.

The work includes in general: (a) the lifting and placing upon a Navy lighter of the present mooring "C"; and (b) the lifting of present mooring "A3" and reinstalling in location occupied by mooring "C". The contractor shall furnish all necessary equipment required for proper lifting of the two fixed moorings and the reinstallation of mooring "A3". The work of removal of present mooring "C" includes the lifting and loading of the mooring on a Navy lighter furnished by the Government. Mooring "C" consists in general of one 10-ft. diameter buoy; one 2¾-in. riser chain (about 8 fathoms long); three mooring legs each of 35 fathoms of 2¾-in. chain, each with one 16,000-lb. anchor, one 5,000-lb. concrete sinker, and the necessary fittings, connecting links and shackles as required to make connections. The work of relaying mooring "A3" consists of the lifting of the entire mooring and the relaying of the mooring assembly in the position indicated. Mooring "A3" consists in general of one buoy 16 ft. in diameter and four legs, each consisting of 45 fathoms of 3-in. dielock chains, one 20,000-lb. anchor, one 5,000-lb. concrete sinker and the necessary fittings, connecting links and shackles required to make connection.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS OPENED

SACRAMENTO. — T. M. Morgan Paving Co., Sacramento, at $6,275, submitted low bid to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-69, for furnishing and operating one dragline excavator on bank grading and levee work at various places along the Sacramento River from near Colusa to the vicinity of Walnut Grove. Equipment shall have a 60-ft. boom, 1.5-c.y. capacity bucket, and 85-hp. engine.

Bids will be taken as follows:

(1) Rate per hour for actual working time;
(2) Rate per hour for time dragline is idle while on the work;
(3) Rate per hour for moving dragline from one job to another;
(4) Cost of delivering dragline at Knights Landing and for removal therefrom by contractor upon termination of contract.

Total bids follow:

(A) T. M. Morgan Paving Co., Co., Sacramento ..... $ 6,275
(B) Delta Dredging Co., Pittsburg 10,100

Unit bids follow:

	(A)	(B)
(1)	$ 7.00	$12.00
(2)	7.00	12.00
(3)	7.00	12.00
(4)	500.00	200.00

BIDS WANTED

SAN FRANCISCO.—Until Oct. 13, 2:00 P. M., bids will be received by F. F. Moran, Assistant Procurement Officer, Forest Service, 916 Phelan Building, San Francisco, under Bid No. 913, for furnishing 122 ft. of 45.8-in. dia. flume in 3-ft. sections, for the Mud Creek project.

Delivery fob bidder's shipping point and/or McCloud.

Specifications obtainable from the above office.

CONTRACT AWARDED

NEWPORT BEACH, Orange Co., Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $190,826.19, submitted low bid and awarded contract by the Newport Beach City Council for construction of a bulkhead at Balboa Island, Newport Bay, a PWA project.

A & B Construction Co., Monterey Park, at $202,886.61, submitted the only other bid.

The work involves:

(1) 11,076 l.f. types A, B, C, D and E reinf. conc. piles;
(2) 29 l.f. type F reinf. concr. piles;
(3) 31 l.f. type G reinf. conc. piles;
(4) 51 l.f. types H and I reinf. conc. piles;
(5) 251 type A precast reinf. conc. slabs;
(6) 374 type B precast reinf. conc. slabs;
(7) 70 type C precast reinf. conc. slabs;
(8) 160 type D precast reinf. conc. slabs;
(9) 50 type E precast reinf. conc. slabs;
(10) 110 c.y. cement seal placed around piles and slabs;
(11) 3781 l.f. type A reinf. conc. coping;
(12) 4067 l.f. type B concrete coping;
(13) 2706 l.f. type C reinf. conc. coping;
(14) 196 l.f. type C reinf. conc. coping;
(15) 4600 l.f. creosoted anchor piles;
(16) 6000 l.f. 1¼-in. galv. iron anchor rods, incl. nuts and washers;
(17) 90,250 sq. ft. cement concrete sidewalk, incl. grading;
(18) 32 storm drains, complete;
(19) 620 l.f. type A reinf. conc. piles for piers;
(20) 310 l.f. type B same;
(21) 5 piers with wooden decks, ramps, floats, and lighting units, complete in place, excepting concrete piles;
(22) 11,655 l.f. 1-in. conduit with lead-covered cable;
(23) 962 l.f. 1¼-in. conduit with 2 lead-covered cables;
(24) 45 existing lighting standards removed and installed and furnishing lighting units;
(25) Junction boxes, pull boxes, etc.

FUNDS GRANTED

REDWOOD CITY, San Mateo Co., Calif.—The PWA has allotted a grant of $71,235 to Redwood City to aid in financing construction of terminal facilities at the municipal harbor, including a wharf, transit shed, spur track, and roadway connections. Total cost is estimated at approximately $175,000.

Preliminary plans and specifications have been prepared by City Engineer Charles Dimmitt.

BIDS OPENED

SAN FRANCISCO.—Healy-Tibbitts Construction Co., 64 Pine St., at $1,223, submitted low bid to the Department of Public Works, City Hall, under Bid No. 4800, for driving piles for the Aquatic Park at the foot of Van Ness Ave.

The contractor is to furnish and drive 20 wooden piles not less than 12-in. tip and approximately 40 ft. long, and to drive two 16x16-in.x40-ft. concrete piles furnished by the WPA.

Complete bids follow:

Healy-Tibbitts Constr. Co. $1,223
M. B. McGowan, Inc. 1,229
Duncanson Harrelson Co. 1,985

24—STREET LIGHTING

BIDS WANTED

SAN FRANCISCO.—Until October 21, 3 p.m., lump sum bids will be received by the Public Utilities Commission, Room 287, City Hall, under Electric Power Bureau Contract No. 17, for constructing a street lighting system in Bryant St.

The work will involve:

(1) 27 electroliers;
(2) 7,300 ft. primary cable;
(3) 5,200 ft. 1½-in. black conduit;
(4) 18 extra conduit stubs in foundation.

Plans and specifications obtainable at Room 605, S.F. Water Department Bldg., 425 Mason St., upon cash deposit of $10.

25—MACHINERY AND EQUIPMENT

CONTRACTS AWARDED

GRAND COULEE DAM, Wash.—Maloney Electric Co., St. Louis, at $3,453, for Item 1, and the Bowie Switch Co., San Francisco, at $591.26 for Item 2, awarded contracts by the Bureau of Reclamation, Denver, under Spec. No. 825-D, for furnishing: (1) five 150-kva., 11,500- to 230/460 transformers; and (2) two 15,000-volt fused disconnecting switches for the pumping plants for cooling concrete at Grand Coulee Dam, Columbia Basin Project.

27—FIRE ALARM SYSTEM

BIDS WANTED

SACRAMENTO, Sacramento Co., Calif.—Until October 22, 8:15 p.m., as previously reported, bids will be re-

ceived by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for complete fire and police alarm system, exclusive of building. Cost of equipment is estimated at $210,000.

The work involves:

(A) Furnishing and installing all central fire alarm equipment in a central office building to be constructed by the City in the block bounded by 27th, 28th, P and Q Streets;
(B) Furnish and install 114 new fire alarm boxes;
(C) Furnish and install new code wheels and number plates and necessary quick-acting doors on all boxes now installed;
(D) Furnish and install new engine house outfits;
(E) Furnish and install 11 police flashlights and control relays and control equipment at Police Headquarters, located at 6th and H streets.
(F) Furnish and install 8 traffic warning signals, at or near fire engine houses;
(G) Furnish and install all necessary underground cable and aerial circuits to connect the above equipment to the Central Fire Alarm Office and Police Headquarters.

A lump sum bid will be taken for the work, with the bidder to state the allowance for used equipment in the existing fire system, including one fire alarm switchboard, one set of relays, and fire alarm boxes not used in the proposed system.

Total cost of the system, including construction of the building, is estimated at $268,230. A grant of $120,703 was recently allotted by the PWA.

Work shall be commenced within 10 days and completed within 270 days from the date of final award and approval by the PWA.

Plans and specifications obtainable from the office of the City Clerk upon deposit of $25.

Fred J. Klaus, City Engineer. Jas. S. Dean, City Manager. • 27

29— STREETS AND HIGHWAYS

BIDS WANTED

SAN DIEGO CO., Calif.—Until October 29, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 7.9 miles grading and paving and constructing bridges in San Diego County between Oceanside and Las Flores underpass.

The work involves:

(1) 7,350 M. gals. water;
(2) 186,300 c.y. roadway excav., unclassified;
(3) 2,350 c.y. structure excav.;
(4) 59,000 c.y. imported borrow;
(5) 1,450,000 sta. yds. overhaul;
(6) 109,500 sq. yds. preparing subgrade;
(7) 2,790 c.y. existing concrete removed and disposed of;
(8) 420 stations finishing roadway;
(9) 6,000 tons crusher-run base;
(10) 6,660 tons mineral aggregate (plant-mixed surfacing);
(11) 335 tons liq. asph., MC-5 or MC-Extra heavy (plant-mixed surfacing);
(12) 16 tons liq. asph., MC-2 (prime coat);
(13) 50 tons asphaltic emulsion;
(14) 1,400 c.y. salvaging and relaying plant-mixed surfacing;
(15) 780 tons liq. asph., SC-2 (road-mix surface treatment);
(16) 93,000 sq. yds. preparing, mixing and shaping shoulders, gutter slopes, and dikes (road-mix surface treatment);
(17) 14,975 tons asphalt conc. (base and leveling course);
(18) 6,810 tons asph. conc. (type "A" surface);
(19) 8,560 c.y. class A portland cement concrete (pavement);
(20) 21,150 each, pavement dowels;
(21) 305,000 lbs. bar reinf. steel (pavement and structures);
(22) 850 sq. yds. mesh reinforcement;
(23) 1,712 c.y. class A portland cement concrete (structures);
(24) 23 c.y. class A portland cement concrete (bridge railing);
(25) 15 c.y. class A portland cement concrete (footing blocks);
(26) 41,500 lbs. struct. steel;
(27) 2,376 lbs. cast steel (rockers and bearings);
(28) 880 l.f. furnishing treated Douglas fir piles;
(29) 22 each, driving treated Douglas fir piles;
(30) 930 l.f. conc. piles, including test piles;
(31) 27 each, driving conc. piles, including test piles;
(32) 350 l.f. temporary bridge railing;
(33) 6 each, clearance markers;
(34) 100 c.y. class A portland cement concrete (ditch lining);
(35) 76 l.f. 18-in. Std. reinf. concrete pipe;
(36) 20 l.f. 30-in. Std. reinf. concrete pipe;
(37) 542 l.f. 8-in. CMP;
(38) 630 l.f. 18-in. CMP;
(39) 296 l.f. 24-in. CMP;
(40) 134 l.f. 30-in. CMP;
(41) 32 l.f. 36-in. CMP;
(42) 80 l.f. 42-in. CMP;
(43) 23 each, spillway assemblies;
(44) 900 l.f. 8-in. perforated metal pipe (underdrains);
(45) 170 c.y. rock filling material;
(46) 605 l.f. cleaning and salvaging existing pipe culverts;
(47) 271 l.f. cleaning and relaying pipe culverts;
(48) 6 each, removing and reinstalling embankment protectors;
(49) 25 c.y. class A portland cement concrete (curbs);
(50) 8,700 l.f. laminated guard railing;
(51) 2,400 l.f. removing and resetting laminated guard railing;
(52) 44 each, culvert markers;
(53) 11 each, guide posts;
(54) 49 each, removing and resetting existing guide posts and culvert markers;
(55) 9 miles new property fence;
(56) 7 miles removing and salvaging existing property fence;
(57) 14 each, drive gates;
(58) 68 each, monuments, complete, in place;
(59) 11 each, cast steel frames and covers for drop inlets;
(60) 4 each, adjusting manholes to grade;
(61) Lump sum, removing and disposing of existing bridge;
(62) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Diego.

BIDS OPENED

LOS ANGELES COUNTY, Cal.—L. A. Decomposed Granite Co., 2171 W. Washington Blvd., Los Angeles, at $10,780 submitted the only bid received by the State Division of Highways S. V. Cortelyou, District Engineer, Los Angeles, for about 3.5 miles of plant-mixed surfacing to be applied to the shoulders, in Los Angeles Co., on Rosemead Blvd. between San Gabriel Blvd. and Ramona Blvd.

The work involves:

(1) 32,500 sq. yds. preparing, shaping and finishing shoulders;
(2) 5,200 tons mineral agg. (plant-mixed surfacing);
(3) 290 tons liquid asphalt, SC-2 (do);
(4) 35 tons do (prime coat).

The unit prices were:

(1) 7c per sq. yd.; (2) $1.20 per ton; (3) $6 per ton; (4) $15 per ton; total, $10,780.

CONTRACT AWARDED

SACRAMENTO CO., Calif.—A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at $1,091.75, submitted only bid received and awarded contract by the Sacramento County Bd. of Supervisors, for the construction of a six-foot shoulder on Twelfth Avenue, between Freeport Blvd. and the Western Pacific tracks.

E. A. Fairbairn, County Engineer.

BIDS WANTED

MARICOPA CO., Calif.—Until October 23, 10 a.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Tempe-Scottsdale Highway (Curry Highway), W.P.S.O. 119; A.F.E. 615. The work, which is to begin at a point near the north end of the Tempe Bridge on the Phoenix-Tempe Highway and is to extend northeasterly about 1.6 mi., consists of furnishing and placing select material and cutback plant mix, and is to be completed on or before Jan. 15, 1937.

The principal items are:

25,000 sq. yds. reshaping road surface;
80 M. gals. sprinkling;
30 hours rolling;
3,600 c.y. select material (CIP);
2,440 tons cutback mix (CIP);
25 tons road oil (95 plus);
240 tons screenings (CIP).

Plans may be obtained from T. S. O'Connell, State Highway Engineer, Phoenix. Certified or cashier's check for 5% must accompany each bid.

CONTRACT AWARDED

BURLINGAME, San Mateo Co. Cal. —Union Paving Co., 624 Call Bldg., San Francisco, at $7,912 submitted low bid and awarded contract by the Burlingame City Council for widening and resurfacing of Oak Grove Ave. between El Camino Real and Crossway Road.

A. G. Raisch, San Francisco, at $8,133 submitted the only other bid.

CONTRACT AWARDED

ELDORADO CO., Calif. — Union Paving Co., 624 Call Bld., San Francisco, at $8,100, awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for clearing Section H of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado County, a length of approximately 2.305 miles.

BIDS WANTED

SACRAMENTO CO., Calif.—Until October 21, 10 a.m., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for construction of the Robla bridge, a concrete structure 30 ft. wide and 58 ft. long.

Plans and specifications obtainable from the office of County Engineer E. A. Fairbairn upon deposit of $10.

CONTRACT AWARDED

HUMBOLDT CO., Nevada.—Silver State Constr. Co., Inc., Fallon, at $9,825.90, submitted low bid and was awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system in Humboldt County, Route 8, Section A1, within the city of Winnemucca, a length of approximately 0.26 mile.

Dodge Construction, Inc., Fallon, at $11,704.00, submitted second low bid.

CONTRACT AWARDED

NYE CO., Nev.—Utah Constr. Co., Ogden, at $54,389.69, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system in Nye County, Route 4, Sections A2 and B, from the east boundary of Nevada National Forest to approximately 9 miles east, a length of approximately 8.9 miles.

Dodge Construction, Inc., Fallon, at $57,607.09, submitted second low bid.

CONTRACT AWARDED

CHURCHILL CO., Nevada.—Silver State Construction Co., Inc., Fallon, at $49,972.97, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State highway system in Churchill County, from a point approximately 450 ft. south of the north city limits of Fallon to a point approximately 2.5 miles north, a length of approximately 2.38 miles.

Isbell Constr. Co., Reno, at $57,159.45, submitted second low bid.

CONTRACT AWARDED

MONTEREY CO., Calif.—Granite Constr. Co., Bin No. 9, Watsonville, at $28,889, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.9 mile grading and surfacing with crusher-run base and plant-mixed surfacing in the city of Salinas, Monterey County, on Market St., between Lincoln St. and the westerly city limits.

CONTRACT AWARDED

SANTA CRUZ CO., Calif.—J. L. Conner, P.O. Box 49, Monterey, at $33,425, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.1 mile grading at Inspiration Point, between Los Gatos and Santa Cruz.

The low bid of Fredericksen and Westbrook, Lower Lake, was disqualified.

CONTRACT AWARDED

SAN DIEGO CO., Calif.—R. E. Hazard & Sons, P.O. Box 1438, San Diego, at $32,921.10, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 2.8 mi. grading and applying road-mix surface treatment in San Diego County, between 2.5 miles east of Rincon and Rancho Cuca.

BIDS WANTED

HICKAM FIELD, T. H.—Until October 22, 2 p.m., bids will be received by Captain H. B. Nurse, Purchasing and Contracting Officer, Hickam Field, Fort Kamehameha, T. H., under Bid No. W-397-37-8, for the construction of roads (second phase) at Hickam Field.

Plans and specifications obtainable from the above office upon deposit of a certified check in the amount of $10, payable to the Finance Officer, Fort Shafter, T. H., and on file at the office of the Constructing Quartermaster, Fort Mason.

CONTRACT AWARDED

ARCADIA, Los Angeles Co., Calif.—Osborn Co., 1570 San Pasqual, Pasadena, at $12,353.50, awarded contract by the Arcadia City Council for improving El Monte Ave. with 3-in. asphaltic concrete pavement.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—George J. Bock Co., 1120 N. Las Palmas, Los Angeles, at $136,551.90, awarded contract by the Los Angeles County Board of Supervisors for the improvement of Venice Blvd., between La Brea Ave. and Redondo Blvd., 0.3 mile.

BIDS OPENED

LOS ANGELES.—Oswald Bros., 366 East 58th St., Los Angeles, at $167,068.79, submitted low bid to the Los Angeles Board of Public Works, for the improvement of Second Avenue, or Main Street, Venice, from 100 ft. north of Navy Street to San Juan Ave. The road will be paved with asphaltic concrete a length of 35,000 l.f. to a width of 56 to 58 feet.

Complete bids follow:

Oswald Bros., Los Angeles	$167,068.79
David H. Ryan, San Diego	169,835.19
J. C. Hickey, Alhambra	170,298.66
Southwest Paving Company Roscoe	173,413.58
Heuser & Garnett, Glendale	191,857.59
Engineer's Estimate	147,308.29

LOW BIDDER

YOLO CO., Calif.—E. A. Forde, 640 Redhill Ave., San Anselmo, at $11,579, submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, Marysville, for about 11.4 miles of non-skid surface treatment and natural rock asphalt surfacing applied to portions of the existing pavement in Yolo County between Woodland and Knights Landing.

Complete bids will be published shortly

BIDS WANTED

COCONINO CO., Ariz.—Until February 16, 1937, 10 a.m., bids will be received by the Bureau of Public Roads, 247 New Post Office Bldg., Phoenix, for placing a crushed gravel base course with bituminous treatment (light surface application) on a portion of Route 4, Bright Angel Spring- North Entrance, Grand Canyon National Park, and on Sections C, D, E and F of the Jacobs Lake-North Rim Approach Road to Grand Canyon National Park, all in Coconino County, a net length of about 32 miles.

The principal items of work involved are:

(1) 50 A. clearing;
(2) 85,000 c.y. unclass. excav.;
(3) 600 c.y. do. for structures;
(4) 35,000 c.y. do. for borrow;
(5) 75,000 sta. yds. overhaul;
(6) 150,000 c.y. mi. haul (borrow and subgrade reinforcement);
(7) 60,000 c.y. subgrade reinforcement;
(8) 10 c.y. masonry;
(9) 300 c.y. dry rubble masonry;
(10) 2,000 l.f. corrugated metal pipe;
(11) 300 l.f. remove, clean and relay existing CMP;
(12) 1 MFBM untreated timber;
(13) 51,200 tons crushed gravel, base course;
(14) 5,700 tons supplemental crushed gravel;
(15) 6,000 M. gals. watering;
(16) 1,500 tons applying liq. asphaltic road material, Type SC-2.

Information concerning the above project may be obtained at the offices of the Bureau of Public Roads, 247 New Post Office Bldg., Phoenix, and Federal Office Bldg., Civic Center, San Francisco. Prospective bidders should view the project before winter conditions make it impracticable to do so. Weather is ordinarily very uncertain after the early part of November, and it is planned to open bids before weather conditions will permit inspection in the spring to insure an award of contract so the work may be started as soon as weather conditions will permit. A representative of the Bureau will be on the project until about November 15 to show prospective bidders over the work.

CONTRACT AWARDED

SAN FRANCISCO.—M. B. McGowan, Inc., 74 New Montgomery Street, at $18,513.25, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,982, for furnishing and installing wood piles and excavating the Richardson Avenue approach to the Golden Gate Bridge in the Presidio.

AWARD RECOMMENDED

GILROY, Santa Clara Co., Cal.—A. J. Raisch, 368 Lincoln Ave., San Jose at $10,380.24 submitted low bid and recommended for award of contract by the Gilroy City Council for the provement of Old Gilroy St. from Monterey St. to the city limits.

The work involves:

(1) 1400 tons bituminous treated surfacing;
(2) 737 tons crusher run base;
(3) 39,312 sq. ft. oiled shoulders.

Total bids follow:

(A) A. J. Raisch, San Jose, $10,380.24
(B) Union Paving Co., San Francisco, $11,176.44.

Unit bids follow:

	(A)	(B)
(1)	$5.80	$5.00
(2)	2.00	4.60
(3)	.02	.02

Raymond W. Fisher, Porter Bldg., San oJse, engineer.

CONTRACT AWARDED

MARICOPA CO., Ariz. — Arizona Sand & Rock Co., Phoenix, at $38,880, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Phoenix-Yuma Highway, F.A. 30-E (1937); A.F.E. 8008. The work, which is located in Phoenix on 17th Ave., between Jefferson St. and Van Buren St., and on Van Buren St., between 17th Ave. and 15th Ave., consists of widening and resurfacing existing pavement with asphaltic concrete, constructing concrete pipe and curb and gutter, and other incidental work, and is to be completed on or before Feb. 28, 1937.

BIDS WANTED

SAN FRANCISCO.—Until Oct. 21, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,970, for the reconstruction of Battery St. between Market St. and the Embarcadero, a PWA project. Estimated cost, $11,737.50.

The work involves:

(1) 50,000 sq. ft. remove and replace asphaltic concrete wearing sur.;
(2) 970 tons asphaltic concrete base and leveling course;
(3) 3,500 sq. ft. asphalt-concrete pave.
(4) 250 l.f. resetting granite curb;
(5) 750 sq. ft. 2-course conc. sidewalk
(6) 100 l.f. new granite curb (circular);
(7) 100 l.f. do (tangent;
(8) 18 each manhole frames and covers.

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS WANTED

LAKE CO., Oregon.—Until October 23, 10 a.m., bids will be received by the Bureau of Public Roads, 316 New Postoffice Bldg., Portland, W. H. Lynch, District Engineer, for about 7.808 miles grading and subgrade reinforcement on the Fremont Highway, Fremont National Forest, Lake County.

The principal items of work involved are:

(1) 31 A. clearing and grubbing;
(2) 138,850 c.y. unclass. excav.;
(3) 125,000 sta. yds. overhaul;
(4) 20,000 c.y. subgrade reinforcement;
(5) 7.808 mi. finishing earth graded road;

(10) 60 c.y. Class A concrete;
(11) 30 c.y. Class B concrete;
(12) 9,300 lbs. reinforcing steel;
(13) 1,150 l.f. culverts (alternate);
(14) 1,072 l.f. corrugated galvanized metal pipe;
(15) 200 c.y. loose riprap;
(16) 60 tons emulsified asphalt;
(17) 1,600 c.y. do., stabilized mixture;
(18) Lump sum, extra and miscellaneous force account work.

Plans and specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

SAN FRANCISCO.—Pacific Pavements Co., Ltd., 85 Barstow St., at $37,703, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,962, for the widening and reconstruction of Bryant St., between Second and Fifth Sts.

CONTRACT AWARDED

SAN FRANCISCO.—A. G. Raisch, 1 DeHaro St., at $4,812.60, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,977, for the improvement of the easterly one-half of Parker Ave., between Euclid Ave. and Geary Blvd.

COMPLETE BID LISTING

YOLO CO., Calif.—E. A. Forde, 640 Redhill Ave., San Anselmo, at $11,579, as previously reported, submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, Marysville, for about 11.4 mi. of non-skid surface treatment and natural rock asphalt surfacing applied to portions of the existing pavement, in Yolo County, between Woodland and Knights Landing.

The work involves:
(1) 560 tons natural rock asphalt;
(2) 25,500 sq. yds. asphaltic paint binder;
(3) 70 tons asphaltic emulsion, non-skid surface treatment;
(4) 1,450 tons coarse screenings.

Total bids follow:
(A) E. A. Forde, San Anselmo $11,579.00
(B) A. Teichert & Son, Inc., Sacramento 11,776.50
(C) Independent Constr. Co., Ltd., Oakland 12,367.00
(D) Hanrahan Co., San Francisco 12,390.50
(E) W. H. Larson, Oakland.. 12,844.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	$6.40	$7.40	$6.20	$6.80	$7.20
(2).....	.02	.02	.03	.035	.024
(3).....	22.00	22.00	25.00	27.00	26.00
(4).....	4.10	3.85	4.40	4.00	4.40

BIDS OPENED

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., at $11,486.80, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,974, for the reconstruction of Seventh Ave., between Lincoln Way and Lawton Streets, a PWA project.

The work involves:
(1) 122,000 sq. ft. remove and replace asphaltic concrete wearing surface;
(2) 460 l.f. resetting curbs to grade;
(3) 620 tons asphaltic concrete base and levelling course;
(4) 40 tons asphaltic conform pavement;
(5) 404 each, center line traffic markers;
(6) 1,600 sq. ft. 4-in. white lacquer traffic lines;
(7) 3 each, new manhole frames and covers;
(8) 440 sq. ft. two-course concrete sidewalk.

Total bids follow:
(A) Eaton & Smith $11,486.80
(B) Fay Improvement Co..... 12,092.48
(C) Chas. L. Harney..... 14,321.00
(D) A. G. Raisch..... 17,519.40

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	$0.07	$0.071	$0.089	$0.11
(2).....	.35	.40	.50	.60
(3).....	3.75	4.00	4.00	5.00
(4).....	5.00	5.00	6.00	6.00
(5).....	.25	.72	.75	.70
(6).....	.02	.099	.02	.04
(7).....	25.00	20.00	30.00	25.00
(8).....	.12	.13	.20	.14

BIDS OPENED

SAN BERNARDINO CO., Calif.—P. E. Carr, 1356 Arrowhead Avenue, San Bernardino, at $3,081.76, submitted low bid to the State Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, for about 2.9 miles removing and resetting palm trees in San Bernardino County, between Colton and the San Bernardino County line.

The work involves:
(1) 16 Washington Filifera palm trees under 25 ft. in height removed and reset;
(2) 4 Washingtonia Filifera palm trees over 25 ft. in height removed and reset (from road VIII-SBd-26-D);
(3) 8 Washingtonia Filifera palm trees over 25 feet in height, removed and reset;
(4) 19 Washingtonia Robusta palm trees over 50 feet in height, removed and reset;
(5) 8000 l.f. 5/16-inch guy wire, in place;
(6) 188 Deadmen in place.

Total bids follow:
(A) P. E. Carr, San Bernardino $3,081.76
(B) R. W. Hamsher, L. A..... 3,944.60
(C) J. A. Brodrich, L. A..... 8,285.00

NOTE: The bid of Charles E. Moore, Ontario, at $5,405.20, was irregular.

Unit bids follow:

	(A)	(B)	(C)
(1).....	$25.00	$45.00	$110.00
(2).....	90.00	70.00	175.00
(3).....	90.00	70.00	115.00
(4).....	65.00	100.00	175.00
(5).....	.0395	.05	.08
(6).....	.27	.45	5.00

CONTRACT AWARDED

SAUSALITO, Marin Co., Calif.—Brown & Lambretti, 275 E. Blythedale Ave., Mill Valley, at $3,690, submitted low bid and awarded contract by the Sausalito City Council for constructing a reinforced concrete retaining wall on the southerly line of Atwood Ave., between Bulkley Ave. and Josephine Ave.

The other bids were:
B. Regalia, Sausalito..... $3,785
V. Maggiora, Sausalito..... 4,215

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 309 Call Bldg., at $31,684 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,973 for widening and reconstructing Taylor St. between Market and Post Streets.

The work involves:
(1) 2770 l.f. stone curb reset, all sizes;
(2) 500 sq. ft. stone curb redressed;
(3) 305 l.f. armored concrete curb;
(4) 350 l.f. granite curb, in place (new tangent);
(5) 18 each, catchbasins, reset or reconstructed;
(6) 1 each, brick catchbasin, complete;
(7) 4 each, manhole frames and covers installed;
(8) 26 each, street and traffic signs reset;
(9) 8 each, low-pressure hydrants moved;
(10) 9 each, high-pressure hydrants moved;
(11) 5,500 lbs. new cast-iron pipe and specials;
(12) 650 lbs. lead;
(13) 55 c.y. high-pressure pipe excavation;
(14) 1500 lbs. wrought-iron bolts, nuts, and washers.
(15) 1 each, electric traffic signal relocated (vehicular);
(16) 2 each, electric traffic signals relocated (pedestrian);
(17) 4 each, fire alarm and police telephone boxes relocated;
(18) 2 each, electroliers relocated;
(19) 14,000 sq. ft. pavement removed;
(20) 17,000 sq. ft. asphaltic concrete wearing surface removed;
(21) 19,800 sq. ft. 8-in. class "E" concrete pavement, parking lane;
(22) 780 tons asphaltic concrete base course;
(23) 1180 tons asphaltic concrete wearing surface;
(24) 11,000 sq. ft. two-course concrete sidewalk;
(25) 2050 l.f. 1½-in. conduit, in place;
(26) 3300 l.f. 4-in. white lacquer traffic lines, in place;
(27) 1650 l.f. 6-in. white lacquer traffic lines, in place.

Total bids follow:
(A) E. J. Treacy, San Francisco, $31-684.00.
(B) Chas. L. Harney, San Francisco, $31,991.00.
(C) M. J. Lynch, San Francisco, $32-297.25.

Unit bids follow:

	(A)	(B)	(C)
(1).....	$ .70	$ .50	$ .60
(2).....	1.00	1.00	.60
(3).....	1.00	1.00	1.25
(4).....	2.00	2.50	1.75
(5).....	60.00	50.00	50.00
(6).....	100.00	100.00	85.00
(7).....	25.00	30.00	25.00
(8).....	7.00	5.00	2.00
(9).....	50.00	50.00	35.00
(10).....	50.00	50.00	35.00
(11).....	.10	.12	.10
(12).....	.06	.10	.05
(13).....	5.00	5.00	3.00
(14).....	.12	.20	.12
(15).....	100.00	75.00	60.00
(16).....	80.00	60.00	60.00
(17).....	50.00	50.00	50.00
(18).....	200.00	200.00	500.00
(19).....	.10	.09	.08
(20).....	.05	.04	.03
(21).....	.35	.485	.43
(22).....	5.00	4.50	6.00
(23).....	5.00	5.00	6.00
(24).....	.155	.10	.14
(25).....	1.50	1.25	.85
(26).....	.05	.02	.02
(27).....	.06	.03	.03

BIDS OPENED

MENDOCINO CO., Calif.—A. Soda & Son, 5231 Grove St., Oakland, at $53,260.40, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.1 miles grading and surfacing with screened gravel on gravel base and constructing a reinforced concrete bridge on steel pile foundations in Mendocino County between Eleven Oaks and Willits.

The work involves:
(1) 900 M. gals. water;
(2) 13,700 c.y. rdwy. excav., unclass.
(3) 91,000 sta. yds. overhaul;
(4) 600 c.y. struc. excav.;
(5) 270 c.y. ditch excav.;
(6) 7,000 c.y. imported borrow;
(7) 60 sta. finishing rdwy.;
(8) 9,000 c.y. gravel base;
(9) 2,960 c.y. screened gravel (surf.)
(10) 49 tons liquid asphalt SC-1A (prime coat);
(11) 14 tons liquid asph. MC-3 (seal coat);
(12) 130 c.y. screenings (seal coat);
(13) 54,320 lbs. bar reinf. steel;
(14) 333 c.y. Class A Portland cement concrete (struc.);
(15) 34 c.y. do (footing blocks);
(16) 650 l.f. furnishing steel piles, including test piles;
(17) 57,000 l.f. rounding cut slopes;
(8) 50 M. gals. water;
(7) Lump sum, providing and maintaining water plant;
(6) 13,500 c.y. mi. overhaul;

(17) 30 each driving do;
(18) 170 l.f. 18-in. CMP;
(19) 84 l.f. 24-in. CMP;
(20) 66 l.f. 36-in. CMP;
(21) 300 l.f. 8-in. perf. metal pipe (underdrains);
(22) 55 c.y. rock filling material (do)
(23) 2 each cast steel frames and covers;
(24) 8 each culvert markers;
(25) 190 l.f. timber handrailing;
(26) 2.2 miles new property fence;
(27) 4 each drive gates;
(28) 1 only existing reinf. concrete bridge to be removed;
(29) 1 lot misc. bridge items;
(30) 14 each monuments complete in place.

Total bids follow:

(A) A. Soda & Son, Oakland..$53,260.40
(B) Hemstreet & Bell, Marysville 61,813.20
(C) C. W. Caletti & Co., San Rafael 66,709.50

Unit bids follow:

	(A)	(B)	(C)
(1).....	$ 1.50	$ 1.50	$ 1.50
(2).....	.60	.50	.50
(3).....	.01	.01	.0075
(4).....	1.50	1.75	2.00
(5).....	1.50	1.00	1.00
(6).....	.75	.65	.50
(7).....	7.00	10.00	10.00
(8).....	.80	1.50	2.50
(9).....	1.00	2.50	3.00
(10).....	35.00	20.00	20.00
(11).....	45.00	30.00	20.00
(12).....	4.00	5.00	3.50
(13).....	.0575	.06	.05
(14).....	26.00	32.00	21.00
(15).....	25.00	30.00	15.00
(16).....	1.50	2.50	2.00
(17).....	41.00	50.00	40.00
(18).....	3.50	2.00	2.50
(19).....	5.00	3.00	3.00
(20).....	9.00	5.00	6.00
(21).....	2.00	1.25	1.50
(22).....	4.00	2.50	3.00
(23).....	32.50	40.00	25.00
(24).....	5.00	3.00	3.00
(25).....	3.00	1.75	1.50
(26).....	1300.00	650.00	700.00
(27).....	40.00	20.00	25.00
(28).....	1250.00	1500.00	1200.00
(29).....	500.00	300.00	1500.00
(30).....	5.00	3.00	4.00

CONTRACTS AWARDED

STATE OF OREGON.—Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, and contracts awarded as follows:

Baker County—Haines-Baker Section of Old Oregon Trail. Furnishing of 6,000 cu. yds. crushed gravel in stock pile.

Awarded: Schmeer, Williams and Gentemann, 3233 NE 12th, Portland, $8,900.

Clatsop County—Quartz Creek Section of Wolf Creek Highway. 0.59 mile grading. Requires 109,000 cu. yds. excavation.

Awarded: F. H. Slate, Multnomah, $76,320.

Crook County—Ochoco Dam-Mill Creek Section of Ochoco Highway. 2.42 miles grading and surfacing. Requires 113,000 cu. yds. excavation; 8,500 cu. yds. pit-run gravel surfacing materials, and 2,300 cu. yds. pit-run talus surfacing materials.

Awarded: McNutt Bros., Eugene, $57,746.

Gilliam County—Arlington Rock Production Project on Columbia River and John Day Highways. Furnishing of 6,000 cu. yds. crushed rock in stock pile. This project may be bid in combination with Castle Rock-Umatilla County Line Project in Morrow County.

Awarded: Smith and Co., Willard, Wash., $16,440.

Grant County—Stewart Bridge-Flat Creek Section of John Day Highway. 3.29 miles regrading, surfacing and oil mat surface treatment, and furnishing of 1,000 cu. yds. crushed gravel in stock pile. Requires 81,000 cu. yds. excavation; 14,000 cu. yds. gravel topping; 4,300 cu. yds. crushed gravel, and 38,700 sq. yds. oil mat surface treatment.

Low Bidder: Consolidated Highway Co., Portland, $68,738.

Harney County—Burns-Buchanan Section of Central Oregon Highway. 21.8 miles of grading and construction of two standard pile trestle bridges. Requires approximately 334,000 cu. yds. excavation; 46,000 cu. yds. gravel topping; 950 lin. ft. treated piling; 21 MFBM treated lumber, and 66 cu. yds. Class D concrete.

Low Bidder: M. L. O'Neill & Son, Eugene, $124,703.85.

Lane County—Junction City-Siuslaw Junction and Arvard-Eugene Sections of Junction City-Eugene Secondary Highway. 3.88 miles paving. Requires 1,500 lin. ft. concrete curb and gutter; 650 sq. yds. concrete sidewalks; 2,500 cu. yds. gravel base; 5,300 cu. yds. crushed rock or crushed gravel, and 53,900 sq. yds. Portland cement concrete pavement.

Awarded: Jacobsen-Jensen Co., 517 NE Stanton, Portland, $103,088.

Marion County—Pringle Creek-Illahe School Section of Pacific Highway. 1.2 miles grading and 5.45 miles paving. Requires approximately 61,000 cu. yds. excavation; 41,300 cu. yds. rock subbase; 10,000 cu. yds. crushed rock or crushed gravel; 70,500 sq. yds. Portland cement concrete pavement, and 7,000 sq. yds. oil mat surface treatment.

Low Bidder: Harold Blake, 400 N. Thompson, Portland, $187,091.

Morrow County—Castle Rock-Umatilla County Line Section of Columbia River Highway. Furnishing of 6,000 cu. yds. crushed gravel in stock pile. This project may be bid in combination with Arlington Rock Production Project in Gilliam County.

Low Bidder: Schmeer, Williams & Gentemann, 3233 NE 12th, Portland, $8,400.

Sherman and Wasco Counties—Wilcox-Shaniko Section of Sherman Highway. 6.17 miles of crushed rock base. 7.0 miles oil mat surface treatment. and furnishing 3,000 cu. yds. crushed rock in stock pile. Requires 30,800 cu. yds. crushed rock and 82,000 sq. yds. oil mat surface treatment.

Low Bidder: A. L. Milne, 7253 NE Broadway, Portland, $63,261.

Wallowa County—Rock Creek-Wallowa Section of Wallowa Lake Highway. 4.28 miles regrading, surfacing and oil mat surface treatment. Requires 23,000 cu. yds. excavation; 21,500 cu. yds. borrow excavation; 22,000 cu. yds. gravel topping; 4,000 cu. yds. crushed gravel, and 5,000 sq. yds. oil mat surface treatment.

Low Bidder: Consolidated Highway Co., Portland, $53,122.60.

Wallowa County—Shelton Ranch-Flora Junction Section of Lewiston-Enterprise Highway. 6.14 miles grading. Requires 116,000 cu. yds. excavation.

Low Bidder: Colonial Const. Co., W 326 1st, Spokane, $73,656.

Wallowa County—Construction of bridges over Rock Creek and Wallowa River on the Wallowa Lake Highway near Wallowa. Requires approximately 500 cu. yds. excavation; 670 cu. yds. concrete; 135,000 lbs. metal reinforcement; 800 lin. ft. treated piling; 18 MFBM treated lumber; 630 lin. ft. concrete handrail; removal of bridge and maintenance of traffic.

Low Bidder: Tom Lillebo, Reedsport, $34,149.

30—RESERVOIRS & DAMS

BIDS WANTED

MILK RIVER PROJECT, Mont.—Until October 30, 10 a.m., bids will be received by the Bureau of Reclamation, Malta, Montana, under Spec. No. 692, for construction of the Fresno Dam, Milk River Project.

The work is located near Fresno, Montana, and the principal items of work involved are:

(1) 184,000 c.y. stripping;
(2) 521,400 c.y. all classes open-cut excavation;
(3) 1,975,000 c.y. excavation, common, from borrow pits;
(4) 36,000 c.y. excavation, rock, from borrow pits;
(5) 4,500 c.y. tunnel excavation;
(6) 6,000 c.y. backfill;
(7) 1,725,000 c.y. earth fill in embankment;
(8) 147,000 c.y. rock fill on downstream slope of dam embankment;
(9) 50,100 c.y. riprap;
(10) 420 c.y. porous concrete under floor of spillway stilling basin;
(11) 1,100 c.y. concrete in tunnel lining;
(12) 12,905 c.y. concrete in other structures;
(13) 1,200 sq. yds. special finish concrete surfaces;
(14) 8,050 c.ft. pressure grouting;
(15) 1,450 c.y. grouted paving;
(16) Placing 1,730,000 lbs. reinforcement bars;
(17) Drilling 2,200 l.f. grout and weep holes;
(18) Constructing 8,375 l.f. sewer-pipe drains;
(19) Laying 5,800 l.f. corrugated metal perforated pipe;
(20) Erecting 40 MFBM timber in pump sumps and shafts;
(21) Driving 7,000 lbs. steel sheet-piling;
(22) Furnishing and installing 115,000 lbs. steel tunnel liner plates;
(23) Installing 571,200 lbs. metalwork;
(24) Installing 650 l.f. electrical metal conduit;
(25) Installing 1,400 l.f. metal sealing strips.

Work shall be commenced within 30 calendar days and completed within 1,100 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Malta, Montana; Denver, Colorado, and Washington, D. C., without charge to prospective bidders; to others, $2, not returnable.

31—PIPE LINES & WELLS

BIDS WANTED

LOS ANGELES CO., Calif.—Until October 22, 10 a.m., as previously reported, bids will be received by Metropolitan Water District, 306 W. 3rd St., Los Angeles, for constructing encased steel pipe or precast concrete pipe lines and appurtenant work for the Upper Feeder of the Colorado River Aqueduct distributing system, Spec. No. 171. The work is located in Los Angeles County and comprises approximately 1071 l.f. of 9 ft. 8 in. dia. and 507 l.f. 7 ft. dia. pipe line construction divided into Schedules as follows:

Schedule 8K, across San Gabriel Canyon just below Morris Dam: Schedule 9L or 9M, across Monrovia Canyon in Monrovia; Schedule 12P, across Eagle Rock Canyon north of Eagle Rock. The approximate lengths of the respective types of pipe required are:

	Length in feet		Inside diam.	
	Incased steel	Precast concrete		
Schedule	pipe	pipe	feet	inches
8K	472	None	9	8
9L	599	None	9	8
9M	167	432	9	8
12P	123	384	7	0

The items and schedules are:

Schedule 8K

Construction of the San Gabriel Canyon crossing of the Upper Feed-

er of the Colorado River Aqueduct Distribution System between Stations 2358 plus 91 and 2363 plus 67.

Inside diameter, 9 feet 8 inches; length of schedule, 476 feet.

(1) 22,500 c.y. excav. for pipe;
(2) 1,400 c.y. excav. for structures;
(3) 10,500 c.y. backfill;
(4) 600 c.y. concrete in structures—reinforced;
(5) 20 c.y. concrete in structures—plain;
(6) Does not apply here;
(7) 800 c.y. concrete in incasement for steel pipe;
(8) 400 c.y. concrete in incasement for steel pipe in bends and Venturi sections;
(9) and (10) do not apply here;
(11) 275,000 lbs. placing reinforcement steel;
(12), (13) and (14) do not apply here;
(15) 187 l.f. furnishing and installing ¼-in. plate steel pipe;
(16) 80 l.f. furnishing and installing 9/32-in. plate steel pipe;
(17) 241 l.f. furnishing and installing 5/16-in. plate steel pipe;
(18) 15,500 sq. ft. gunite or equivalent lining for steel pipe;
(19) 30,000 lbs. installing slide gates and hoists;
(20) 4,500 lbs. installing cast-iron thimbles;
(21) 41,000 lbs. installing miscellaneous metal;
(22) 100 l.f. installing 6-in. concrete pipe;
(23) 400 c.y. rock riprap;
(24) 750 ton-miles hauling steel;
(25) 2,600 ton-miles hauling cement;

Schedule 9L

Construction of the Monrovia Canyon crossing of the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 2684 plus 60 and 2690 plus 58, using incased steel pipe.

Inside diameter, 9 feet 8 inches; length of schedule, 598 feet.

NOTE—Schedules 9L and 9M are alternative and both will not be awarded.

(1) 17,000 c.y. excav. for pipe;
(2) 150 c.y. excav. for structures;
(3) 12,500 c.y. backfill;
(4) 370 c.y. concrete in structures—reinforced;
(5) 20 c.y. concrete in structures—plain;
(6) Does not apply here;
(7) 1,300 c.y. concrete in incasement for steel pipe;
(8) 300 c.y. concrete in incasement for steel pipe in bends and Venturi sections;
(9) and (10) do not apply here;
(11) 300,000 lbs. placing reinforcement steel;
(12), (13) and (14) do not apply here;
(15) 599 l.f. furnishing and installing ¼-in. plate steel pipe;
(16) and (17) do not apply here;
(18) 18,400 sq. ft. gunite or equivalent lining for steel pipe;
(19) does not apply here;
(20) 4,500 lbs. installing cast-iron thimbles;
(21) 19,000 lbs. installing miscellaneous metal;
(22) 100 l.f. installing 6-in. concrete pipe;
(23) 400 c.y. rock riprap;
(24) 350 ton-miles hauling steel;
(25) 1,600 ton-miles hauling cement;

Schedule 9M

Construction of the Monrovia Canyon crossing of the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 2684 plus 60 and 2690 plus 58, using precast concrete pipe.

Inside diameter, 9 feet 8 inches; length of schedule, 598 feet.

NOTE—Schedules 9M and 9L are alternative and both will not be awarded.

(1) 15,000 c.y. excav. for pipe;
(2) 150 c.y. excav. for structures;
(3) 10,500 c.y. backfill;
(4) 410 c.y. concrete in structures—reinforced;
(5) 20 c.y. concrete in structures—plain;
(6) 530 c.y. concrete in cradle;
(7) 300 c.y. concrete in incasement for steel pipe;
(8) 300 c.y. concrete in incasement for steel pipe in bends and Venturi sections;
(9) 432 l.f. precast concrete pipe—9 ft. 8 in. diameter;
(10) does not apply here;
(11) 150,000 lbs. placing reinforcement steel;
(12) 130,000 lbs. furnishing and placing reinforcement steel in precast pipe;
(13) does not apply here;
(14) 403 l.f. furnishing and placing 12-gage steel cylinder reinforcement;
(15) 167 l.f. furnishing and installing ¼-in. plate steel pipe;
(16) and (17) do not apply here;
(18) 5,200 sq. ft. gunite or equivalent lining for steel pipe;
(19) does not apply here;
(20) 4,500 lbs. installing cast-iron thimbles;
(22) 100 l.f. installing 6-in. concrete pipe;
(23) 400 c.y. rock riprap;
(24) 200 ton-miles hauling steel;
(25) 1,500 ton-miles hauling cement;

Schedule 12P

Construction of the Eagle Rock Canyon crossing of the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 3319 plus 06 and 3324 plus 39.

Inside diameter, 7 feet 0 inches; length of schedule, 533 feet.

(1) 4,500 c.y. excav. for pipe;
(2) 400 c.y. excav. for structures;
(3) 7,200 c.y. backfill;
(4) 380 c.y. concrete in structures—reinforced;
(5) 20 c.y. concrete in structures—plain;
(6) 200 c.y. concrete in cradle;
(7) does not apply here;
(8) 210 c.y. concrete in incasement for steel pipe in bends and Venturi sections:
(9) does not apply here;
(10) 384 l.f. precast concrete pipe—7 ft. 0 in. diameter;
(11) 75,000 lbs. placing reinforcement steel;
pipe;
(12) 50,000 lbs. furnishing and placing reinforcement steel in precast
(13) 358 l.f. furnishing and placing 14-gage steel cylinder reinforcement;
(14) does not apply here;
(15) 123 l.f. furnishing and installing ¼-in. plate steel pipe;
(16) and (17) do not apply here;
(18) 2,800 sq. ft. gunite or equivalent lining for steel pipe;
(19) 55,000 lbs. installing slide gates and hoists;
(20) 5,000 lbs. installing cast-iron thimbles;
(21) 18,000 lbs. installing miscellaneous metal;
(22) 100 l.f. installing 6-in. concrete pipe;
(23) 200 c.y. rock riprap;
(24) 200 ton-miles hauling steel;
(25) 950 ton-miles hauling cement.

Specifications may be obtained from the engineer, at Room 1007, 306 W. Third St., after 2 p.m., Monday, Sept. 28. Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, General Manager and Chief Engineer. 31

LOW BIDDERS

ABERDEEN, Wash. — Macri Co., 511 21st N., Seattle, at $117,814, for trenching, and the Federal Pipe and Tank Co., Seattle, at $121,143 for pipe, submitted low bids to Aberdeen City Council for construction of 32,000 l.f. of 54-in. pipe line extending from Junction to Hoquiam city limits, to provide a daily water supply of 30,000,000 gallons for the Grays will pay the expense over a 25-year period. • 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

LOW BIDDERS

HICKAM FIELD, T. H.—Marks Constr. Co., Honolulu, at $110,000, submitted low bid to Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, September 29, under Bid No. W 397-37-5, for construction of a sanitary sewer system, together with sewage pumping plants, buildings and outfall lines at Hickam Field, Fort Kamenameha, T. H.

The three low bids received at Hickam Field follow:

Marks Constr. Co., Honolulu....$110,000
Jas. W. Glover, Honolulu..... 132,763
Young Engineering Co., Honolulu 138,300

As previously reported, the only bid received by the Constructing Quartermaster, Fort Mason, for the above work was submitted by George Hess, Los Angeles, at $163,456. •

BIDS OPENED

SAN BERNARDINO CO., Cal.—J. W. Burkhart, Box 75, Adelanto, at $683.75 submitted low bid to the State Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, for drilling a water supply well at the Hinkley Maintenance Station site, San Bernardino Co.

The work involves:

(1) 1 lot furnishing drilling equipment comp. in place and ready for operation;
(2) 50 l.f. of well complete in place (ground level to 50-ft. depth);
(3) 25 l.f. of well complete in place (below 50-ft. depth);
(4) 1 lot capacity and alignment tests complete.

Complete bids follow:

J. W. Burkhart, Adelanto: (1) $20; (2) $7.65; (3) $6.25; (4) $125; total, $683.75.

D. A. Beck & Sons, Alta Loma: (1) $160; (2) $6,70; (3) $5.50; (4) $125; total, $757.50.

33— WATER WORKS

BIDS WANTED

VALLEJO, Solano Co., Calif.—Until October 13, 11 a.m., bids will be received by the Vallejo City Council, Alf E. Edgcumbe, for construction of the Vista Pumping Plant.

Bids will be taken as follows:

Schedule "A"—Furnishing pumping machinery and piping, etc. Pumping machinery to consist of two centrifugal motor units, 100 gals. capacity, 100 lbs. pressure, 200 g. p. m., 2000 gal. hydro-pneumatic pressure tank; and all necessary fittings.

Schedule "B"—Construction of a stucco pump house, 16x24 ft.

Schedule "C"—Installation of pumping machinery and fittings.

Plans and specifications obtainable from the office of City Engineer T. D. Kilkenny upon deposit of $10

34— PARKS AND PLAYGROUNDS

BIDS OPENED

TURLOCK, Stanislaus Co., Calif.—Oscar D. Flentge, Rt. 1, Ceres, at $329, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting grounds at the U. S. Post Office, Turlock. Complete bids follow:

Oscar Flentge, Ceres.....$329
Fred J. Germany..... 480
California Nursery Co., Niles..... 790
Walter A. Hoff, Palo Alto..... 887

Bids held under advisement.

TRUCKEE STORAGE PROJECT—BOCA DAM—(Govt.)

TRUCKEE STORAGE PROJECT. —George W. Condon Co., 208 Grain Exchange Bldg., Omaha, at $729,433, as previously reported, submitted the low bid to Bureau of Reclamation, L. J. Foster, Construction Engineer, Reno, Nev., under Spec. No. 696, for the construction of the Boca Dam.

Principal features involved in the construction are a dam across the Little Truckee River in Nevada Co., California, near Truckee, a concrete-lined tunnel under the right abutment of the dam, through which the river will be diverted during the construction of the dam and in which the outlet works will be constructed, and an open-channel spillway at the left abutment of the dam. The dam will be approximately 1,650 ft. long at the crest and will have a maximum height of about 110 ft. The main body of the dam will consist of a moistened and rolled embankment of clay, sand and gravel. The downstream slope of the earth embankment will be covered with a heavy rock fill. The upstream slope of the embankment above the Berm at elevation 5,525 will be covered with a three-foot layer of rock riprap. The outlet tunnel between the trash-rack structure and the gate chamber will have a circular section 12 feet in diameter and will be about 412 feet long. The tunnel between the gate chamber and the needle-valve house at the outlet tunnel will have a wide horseshoe-shaped section 10-ft. 6-in. in height and 14 feet in width and will be approximately 305 feet long. Two 4x4-ft. high-pressure hydraulically-operated emergency gates will be installed in a tunnel plug over which the gate chamber will be located and from which two 50-in. dia. welded plate-steel outlet pipes installed in the downstream portion of the tunnel will lead to two 42-inch diameter balanced needle valves located in the needle-valve house. The gate control mechanism for the emergency gates will be located in the needle-valve house from which the control piping will run, through the tunnel, to the gate chamber. The spillway, in the left abutment of the dam, will be a concrete-lined open channel terminating in a concrete-lined spillway stilling basin, and will have a total length of approximately 555 ft. The spillway will be controlled by two radial gates each 19 feet long and 16 feet high, installed at the crest of the spillway. Provision will be made for a roadway on the crest of the dam and across the spillway gate-structure.

The work involves:

(1) Lump sum, diversion and care of river during construction and unwatering foundations;

(2) 65,000 c.y. excavation, stripping borrow pits;

(3) 160,000 c.y. excavation, common, stripping for embankment;

(4) 56,000 c.y. excavation, common, for spillway and for tunnel inlet and outlet;

(5) 19,500 c.y. excavation, rock, for spillway and for tunnel inlet and outlet;

(6) 5,000 c.y. excavation, all classes, in outlet tunnel;

(7) 11,000 c.y. excavation, common, for embankment toe drains and for cut-off trenches with sloping sides;

(8) 300 c.y. excavation, rock, for embankment toe drains and for cut-off trenches with sloping sides;

(9) 300 c.y. excavation, common, for cut-off walls in trenches with vertical sides;

(10) 600 c.y. excavation, rock, for concrete cut-off wall footings and for cut-off walls in trenches with vertical sides;

(11) 1,000,000 c.y. excavation, common, in borrow pits and transportation to embankment;

(12) 110,000 c.y. excavation, rock, in borrow pits and transportation to embankment and spillway;

(13) 5,600 c.y. backfill;

(14) 870,000 c.y. earth fill in embankment;

(15) 115,000 c.y. rock fill on downstream slope for embankment;

(16) 31,000 c.y. riprap on upstream slope of embankment and inlet channel to spillway;

(17) 1,200 c.y. dumped riprap in spillway channel;

(18) 600 c.y. screened gravel under spillway floor;

(19) 700 l.f. constructing 12" diam. sewer-pipe drains with uncemented joints, embedded in gravel;

(20) 2,300 l.f. constructing 8" diam. sewer-pipe drains with uncemented joints, embedded in gravel;

(21) 1,800 l.f. constructing 6" diam. sewer-pipe drains with uncemented joints, embedded in gravel;

(22) 50 l.f. constructing 4" diam. sewer-pipe drains with uncemented joints, embedded in porous concrete;

(23) 350 l.f. drilling weep holes;

(24) 2,700 l.f. drilling grout holes not more than 25 ft. deep;

(25) 1,800 l.f. drilling grout holes more than 25 ft. deep and not more than 50 ft. deep;

(26) 2,000 l.f. drilling grout holes more than 50 ft. deep and not more than 100 ft. deep;

(27) 1,900 lbs. installing grout pipe and fittings;

(28) 6,200 c.f. pressure grouting;

(29) 1,500 l.f. drilling holes for anchor bars and grouting bars in place;

(30) 1,300 c.y. concrete in cut-off walls in trenches with sloping sides:

(31) 250 c.y. concrete in cut-off walls in trenches with vertical sides;

(32) 110 c.y. concrete in trash-rack structure and transition;

(33) 1,400 c.y. concrete in tunnel lining;

(34) 400 c.y. concrete in gate chamber;

(35) 1,680 c.y. concrete in floors of spillway and outlet works channels;

(36) 2,330 c.y. concrete in spillway and outlet works channels, except floors;

(37) 200 c.y. concrete in substructure of needle-valve house;

(38) 55 c.y. concrete in superstructure of needle-valve house;

(39) 630 c.y. concrete in parapet and curb walls;

(40) 670,000 lbs. placing reinforcement bars;

(41) 600 l.f. installing metal sealing strips;

(42) 16,000 lbs. furnishing and installing steel tunnel-liner plates;

(43) 2,000 sq. yds. special finishing of concrete surfaces;

(44) Lump sum, construction of needle-valve house, except concrete;

(45) 28,000 lbs. installing trash-rack metalwork;

(46) 95,000 lbs. installing high-pressure hydraulically-operated slide gates and metal conduit linings;

(47) 8,000 lbs. installing control apparatus for high-pressure slide gates;

(48) 150,000 lbs. installing outlet pipes;

(49) 48,000 lbs. installing needle valves;

(50) 40,000 lbs. installing radial gates and operating mechanisms;

(51) 16,000 lbs. installing metal stairways, walkways, and gratings;

(52) 4,500 lbs. installing pipe handrails;

(53) 9,000 lbs. installing miscellaneous metalwork;

(54) 3,300 l.f. installing electrical metal conduit 1½-in. or less in dia.;

(55) Lump sum, installing electrical conductors, ground wires, and apparatus.

Work shall be commenced within 30 calendar days and completed within 800 calendar days from the date of receipt of notice to proceed.

Complete total bids follow:

(A) George W. Condon, Co. Omaha	$729,433
(B) D. McDonald, Sacramento, and MacDonald and Kahn Co., Ltd., S. F.	740,650
(C) S. J. Groves & Son, Minneapolis	749,050
(D) F. H. Honen Const. Co., Colorado Springs, Colo.	765,295
(E) Hinman Bros., Denver	765,843
(F) Paul J. Tyler, Oroville, and Lord and Bishop, Sacramento	770,335
(G) Utah Const. Co., Ogden	772,903
(H) Martin Wunderlich, Jefferson City, Mo.	814,765
(I) Geo. Pollock, Sacramento	856,115
(J) Lewis Const. Co. and Bodenhamer Const. Co., Oakland	857,848
(K) R. G. Clifford, S. F.	864,728
(L) Wood & Bevanda Stockt'n	892,240
(M) Jahn & Bressi Const. Co., Inc., Rice, Calif.	956,255
(N) W. A. Bechtel Co., S. F.	996,320
(O) W. E. Callahan Const. Co. Gunther & Shirley, L. A.	1,028,910
(P) V. R. Dennis Const. Co. San Diego	1,135,905
(Q) Kaiser Paving Co., Oakland	1,147,225
(R) D. W. Thurston, L. A.	1,238,993
(S) Engineer's estimate	823,455

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ 7,500.00	$ 2,000.00	$ 3,500.00	$ 4,000.00	$ 2,500.00	$ 3,000.00	$ 6,000.00	$ 4,000.00	$ 5,000.00
(2)	.25	.14	.25	.15	.20	.24	.15	.20	.30
(3)	.40	.43	.40	.38	.35	.36	.43	.30	.20
(4)	.25	.26	.80	.40	.45	.36	.30	.30	.50
(5)	.90	.75	.80	.60	.45	1.10	1.05	.60	.70
(6)	11.00	7.00	12.00	12.00	12.00	4.75	8.00	16.00	15.00
(7)	.25	.40	.60	.50	.50	.50	.50	.40	1.00
(8)	4.00	4.00	6.00	1.50	3.00	3.00	3.00	2.00	3.00

(9)	3.00	3.00	3.00	1.50	11.00	.75	3.50	2.00	5.00
(10)	4.00	3.00	8.00	3.00	10.00	3.50	4.50	3.00	10.00
(11)	.22	.21	.19	.26	.19	.26	.21	.25	.22
(12)	.80	.80	.65	.80	.74	.97	.85	.50	1.00
(13)	.80	1.00	.50	.50	.70	1.00	.40	1.00	.50
(14)	.05	.10	.07	.07	.08	.075	.09	.08	.10
(15)	.20	.20	.22	.20	.31	.20	.15	.50	.35
(16)	.40	.35	.35	.32	.30	.40	.30	.75	.50
(17)	.80	.60	.40	.30	1.50	.60	.40	.60	.25
(18)	2.00	3.00	2.00	1.50	2.00	1.00	2.50	1.50	3.00
(19)	.80	1.00	1.00	1.00	.75	1.50	.80	1.00	1.00
(20)	.75	.90	.75	.80	.60	1.00	.70	.90	.70
(21)	.65	.80	.60	.60	.50	.75	.60	.80	.60
(22)	.40	1.50	1.00	.50	2.10	.75	.60	1.50	1.50
(23)	.50	3.00	1.00	1.00	1.10	.75	1.00	1.00	2.00
(24)	1.00	1.30	1.00	1.50	1.25	1.00	1.40	1.00	2.00
(25)	1.50	2.25	2.00	2.00	1.90	2.00	1.75	1.50	2.50
(26)	2.00	3.25	3.00	3.00	2.50	2.75	2.50	2.00	3.00
(27)	.15	.15	.05	.10	.10	.10	.12	.10	.10
(28)	.90	1.00	1.00	.50	1.00	1.00	1.00	1.00	1.50
(29)	1.00	1.00	1.00	2.00	.60	.75	1.25	1.50	1.50
(30)	12.00	8.00	10.00	7.80	15.00	11.00	16.50	12.00	15.00
(31)	7.00	4.00	10.00	7.00	10.00	7.00	10.00	11.00	12.00
(32)	15.00	25.00	16.00	15.00	19.00	12.00	20.00	15.00	20.00
(33)	16.00	14.00	19.50	15.50	22.36	12.00	15.00	18.00	15.00
(34)	20.00	18.00	19.50	20.00	18.00	12.00	20.00	17.00	25.00
(35)	7.00	4.00	8.00	8.00	10.00	9.00	9.00	10.00	8.00
(36)	13.00	14.00	12.00	11.00	19.00	15.00	18.00	14.00	14.00
(37)	14.00	10.00	20.00	14.00	18.00	12.00	12.00	18.00	16.00
(38)	14.00	25.00	30.00	20.00	50.00	20.00	35.00	30.00	25.00
(39)	9.00	15.00	15.00	12.00	12.80	11.00	24.00	16.00	20.00
(40)	.017	.02	.015	.015	.018	.015	.02	.02	.02
(41)	.50	.55	.50	.20	.30	.30	.45	.50	.20
(42)	.08	.15	.10	.07	.09	.15	.08	.06	.11
(43)	.50	1.00	.50	.50	.75	.35	.90	1.50	1.00
(44)	800.00	500.00	1,500.00	500.00	700.00	1,000.00	550.00	1,500.00	400.00
(45)	.02	.03	.05	.025	.02	.015	.03	.02	.05
(46)	.04	.04	.05	.03	.03	.02	.03	.02	.02
(47)	.15	.11	.10	.05	.10	.05	.08	.10	.10
(48)	.04	.05	.03	.02	.03	.01	.03	.25	.05
(49)	.05	.055	.05	.025	.04	.02	.03	.02	.04
(50)	.04	.05	.05	.02	.04	.02	.04	.02	.015
(51)	.03	.11	.10	.03	.05	.03	.05	.03	.05
(52)	.03	.06	.10	.05	.10	.05	.10	.10	.03
(53)	.08	.11	.10	.05	.10	.05	.12	.15	.05
(54)	.25	.30	.20	.45	.10	.10	.30	.20	.30
(55)	730.00	500.00	1,000.00	480.00	750.00	200.00	350.00	1,000.00	1,000.00

	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)
(1)	$20,000.00	$ 6,640.00	$10,000.00	$ 5,000.00	$ 2,500.00	$10,000.00	$16,400.00	$30,000.00	$ 3,250.00	$10,000.00
(2)	.30	.22	.38	.22	.18	.25	.30	.20	.42	.30
(3)	.20	.27	.38	.22	.40	.40	.15	1.00	.50	.30
(4)	.75	.32	.38	.35	.80	.40	.75	.60	.50	.40
(5)	1.00	.76	1.00	.80	.80	.75	1.00	1.50	2.60	1.00
(6)	15.40	13.00	10.00	15.00	17.00	20.00	13.00	12.00	20.00	7.00
(7)	.40	.32	.50	.35	.60	1.00	1.50	1.00	.85	.40
(8)	15.00	.80	2.00	3.00	5.00	10.00	7.50	10.00	2.75	2.00
(9)	12.00	1.80	2.00	4.00	7.00	20.00	6.00	10.00	4.00	4.00
(10)	12.00	3.24	2.00	5.00	12.00	20.00	23.00	10.00	15.50	5.00
(11)	.20	.30	.32	.35	.25	.29	.30	.30	.34	.25
(12)	.80	.90	1.00	1.10	.90	.70	1.40	1.20	2.00	.75
(13)	.75	.48	.25	.50	.50	.50	.60	1.00	.60	.50
(174)	.15	.08	.08	.06	.12	.14	.22	.08	.11	.10
(15)	.10	.40	.25	.25	.25	.25	.36	.30	.45	.50
(16)	.20	.32	.25	.25	.50	.60	.55	.40	.50	.75
(17)	.20	.29	.50	.50	.70	1.00	.75	1.10	.35	1.00
(18)	4.00	1.00	3.00	5.00	5.00	3.00	3.75	4.00	3.50	2.00
(19)	.40	.41	1.00	2.50	2.00	2.00	1.50	1.20	.70	.70
(20)	.30	.32	1.00	2.00	1.20	2.00	1.25	1.00	.70	.60
(21)	.30	.24	1.00	1.50	.75	2.00	.90	1.00	.60	.50
(22)	1.30	1.80	2.00	1.50	1.10	2.00	3.00	2.00	4.25	.70
(23)	.50	.82	1.00	1.00	.60	1.00	1.50	2.00	.55	1.00
(24)	1.00	.50	1.00	2.50	1.10	2.00	1.50	2.00	.65	1.00
(25)	1.00	.97	1.00	3.00	3.50	2.00	2.00	2.50	.90	1.75
(26)	1.75	1.62	1.50	4.00	4.50	2.00	2.75	3.00	1.35	2.50
(27)	.10	.41	.20	.10	.30	.15	.40	.20	.20	.10
(28)	1.00	.97	1.00	1.50	.75	1.25	1.50	2.00	.90	1.00
(29)	.50	.65	1.00	1.00	1.30	1.00	.75	1.00	.50	1.00
(30)	14.00	14.90	12.00	18.00	22.00	18.00	11.00	20.00	16.50	12.00
(31)	14.00	7.70	12.00	18.00	12.00	18.00	11.00	12.00	8.10	9.00
(32)	24.00	17.85	20.00	20.00	40.00	35.00	23.00	25.00	19.35	17.50
(33)	19.00	14.50	15.00	16.00	27.50	18.00	20.00	20.00	14.00	13.00
(34)	8.00	14.50	15.00	20.00	20.00	18.00	30.00	20.00	15.50	15.00
(35)	9.00	7.70	10.00	8.00	10.00	7.50	7.00	9.00	6.00	10.00
(36)	20.00	17.80	12.00	20.00	21.00	24.00	18.00	25.00	20.00	12.00
(37)	12.50	8.10	15.00	15.00	20.00	18.00	27.50	14.00	14.80	12.00
(38)	35.00	26.00	25.00	40.00	40.00	35.00	30.00	45.00	45.00	20.00
(39)	33.00	13.00	15.00	20.00	30.00	18.00	23.00	27.00	40.50	14.00
(40)	.01	.013	.015	.02	.025	.02	.02	.025	.025	.02
(41)	2.00	.34	.20	1.00	.50	.50	.75	.60	.60	.30
(42)	.10	.11	.15	.10	.175	.15	.12	.20	.20	.10
(43)	.50	1.30	1.00	1.00	1.00	.75	1.50	1.00	.75	.60
(44)	600.00	1,200.00	3,000.00	1,800.00	865.00	3,500.00	2,150.00	1,000.00	4,000.00	800.00
(45)	.03	.03	.03	.02	.03	.05	.02	.03	.025	.02
(46)	.03	.04	.03	.03	.03	.05	.03	.03	.035	.03
(47)	.035	.09	.03	.10	.10	.10	.30	.10	.14	.10
(48)	.03	.05	.03	.03	.04	.05	.04	.03	.025	.03
(49)	.035	.05	.03	.05	.10	.05	.02	.04	.05	.03
(50)	.03	.05	.03	.04	.065	.05	.04	.04	.04	.03
(51)	.04	.10	.05	.10	.20	.10	.08	.06	.14	.04
(52)	.0275	.10	.05	.10	.10	.15	.08	.10	.14	.05
(53)	.03	.20	.05	.10	.10	.15	.08	.15	.20	.10
(54)	.20	.40	.10	.30	.10	.30	.40	.50	.20	.20

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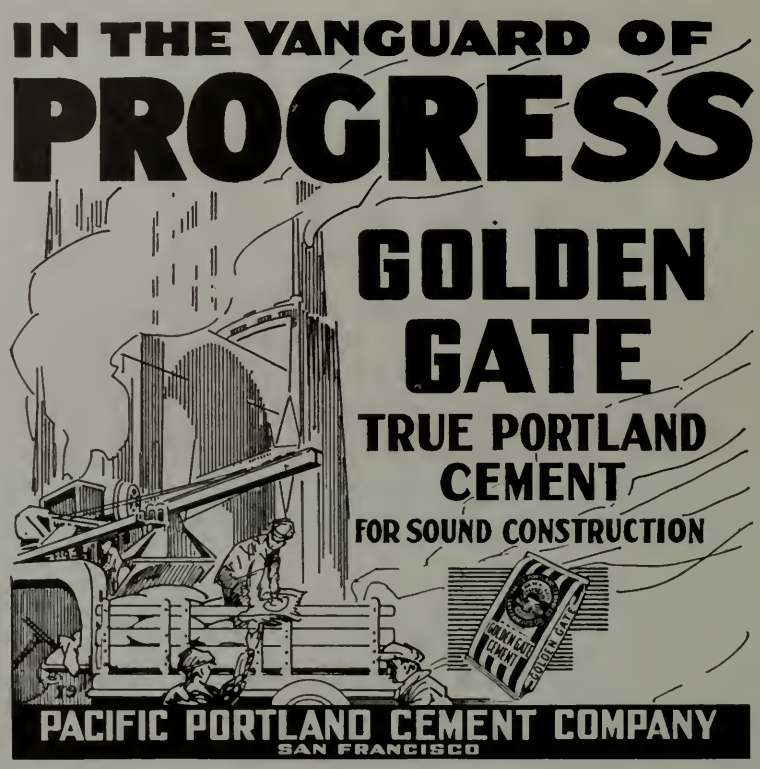

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Vol. XIX SAN FRANCISCO, CALIF., OCTOBER 17, 1936 No. 43

NEW ORDINANCE MAY RESTRICT DESIGNING HERE

Conference Endorses City Act To Require Architect On Larger Work

All buildings in San Francisco to cost more than $10,000 must be designed by a certified architect under provisions of a proposed ordinance that has been endorsed by the Joint Conference Board of architects, engineers, contractors and the Producers' Council. The ordinance now is before the building committee of the board of supervisors and will be presented for public hearing in committee, October 22.

The conference at its October meeting also adopted a resolution condemning the practice of permitting contractors to prepare drawings and specifications for an owner to be used in competitive bidding. This practice is held "unfair" and to be disadvantageous to the owner as well as to the contractors bidding. The conference will recommend to all member groups that an effort be made to incorporate in the State Contractors' License Law a provision prohibiting such arrangements between owner and contractor.

A resolution endorsing HR 12650 amending the National Housing Act to provide for loans up to $250-000 for additions to factories, apartments, commercial buildings, etc., was ordered referred to the organizations of interest for their ratification.

The conference heard a report from R. H. Stevenson, chairman of the building committee of the San Francisco Real Estate Board, that certain changes in the State Housing Act seemed desirable and a committee of the conference was designated to study the proposed amendments.

Architect Harry M. Michelsen, chairman of the conference, presided at the meeting and W. E. Hague acted as secretary.

BIDS NOV. 4 ON PALO ALTO SCHOOL PLANT

$360,000 Building To Provide For Enrollment Of 1,000 Pupils

Palo Alto school directors yesterday set November 4 as the date for receiving bids on a contract for constructing a new junior high school building to accommodate 1,-000 pupils. The district has $360,-000 available for the new plant.

Plans prepared by Architects Birge M. and David B. Clark, Palo Alto, provide for a two-story reinforced concrete building to contain 27 classrooms, boys' and girls' gymnasium, auditorium seating 1,000 and cafeteria seating 600, library and administrative offices. The school will be located at Middlefield Road and Santa Arita Avenue.

Bids will be taken on a general contract, including plumbing, heating and electrical work. Plans may be obtained at the office of the architect on deposit of $25.

Levee Contract In Colusa County Offered for Bids

Bids for placing 137,000 cubic yards of levee embankment in Colusa County on the Sacramento River will be received November 2 in Sacramento by Col. L. B. Chambers at the U. S. Engineer office.

The work includes setting back, raising and strengthening existing levee and construction of new levee along the west bank of the river at two points. One job is near Menzie's ranch, extending about 3200 feet from a point 1.2 miles north of the Colusa-Yolo County line. The other near Schohr's ranch, a length of about 1300 feet upstream from a point about 1.4 miles north of Tisdale Weir. Bids will be received under separate schedules and for a combination award.

$693,000 IN NEW PWA ALLOTMENTS FOR CALIFORNIA

Palo Alto Street Work; Lindsay School On Approved Schedule

PWA grants to five applicants in California, announced Saturday by State PWA Engineer A. D. Wilder, will release new construction work to cost $693,000.

Following are the projects approved, with the amount of the grant and estimated total cost:

Palo Alto street improvements to cost $44,599; granted $20,070;

Lindsay school building to cost $112,200; granted $52,200;

Kern County emergency hospitals (two) to cost $44,537; granted $20,041 each;

Monrovia schools to cost $110,-000; granted $49,909;

Newport Beach sewers to cost $337,780; granted $152,000.

City officials of Palo Alto said plans and specifications were being completed for the street work and the contract probably will be let next month. The work includes paving Alma Street, between California Avenue and the city limits; repaving Hamilton Avenue from Ramona Street to Middlefield Road; installing storm water sewers on Bryan Street from Forest Avenue to Embarcadero Road; constructing a reinforced concrete bridge over Matadero Creek at the southerly city limits.

Lindsay School District will use the grant of $52,200 with $60,000 in district funds to construct a new building replacing the Lincoln Junior High School, which has been condemned.

Kern County will build emergency hospitals at Taft and Delano.

BURBANK CONTRACTS FOR EHFA FINANCING

Electric Home and Farm Authority announces negotiation of a contract with the city of Burbank, Calif., whereby the authority will cooperate in financing sale of electrical appliances for use by consumers on the municipal electric power system.

Check Licenses To Avoid Disqualification, State Registrar Warns Contracting Firms

Many contractors in California are operating illegally unknowingly and their bids on public work are subject to disqualification if challenged, State Registrar Earl S. Anderson asserts in a warning to all operators to be sure their licenses comply with the state registration law.

The contractors' state license law specifically provides that changes of personnel may not be allowed in the organization of a licensed firm. This provision recently disqualified two low bidders for public works contracts, Mr. Anderson points out, advising all contracting firms to be sure their licenses are valid.

The registrar cites the following circumstances as typical:

"A copartnership license was secured by father and son in 1931 and renewed each year up to date. In 1932, however, the father dropped out of the firm. The license was renewed by a bookkeeper or employee of the firm, who failed to read the instructions sent out by the registrar of contractors in regard to changes of personnel. Since the time of the withdrawal of the father from the firm, the son has been operating as an individual, but under the same name style in which the co-partnership originally operated. All of the son's operations as a contractor, therefore, have been done without the benefit of a license, and he would have been unabl to go into any court to collect for any of the contract work which he has done in that period of years.

"The State Department of Public Works noticed the fact that his prequalification papers showed he was operating as an individual, while the firm was registered by the Contractors' State License Board as a co-partnership. The result was that his bid had to be thrown out by orders of counsel for the state. This happens very frequently and is a matter of considerable concern to the Contractors' State License Board as well as to political sub - divisions which must carefully check the legality of every bid."

Mr. Anderson's statement continues:

"The state's attorneys have also advised that the wording of the contractors' license law as to business operations being carried on by a license in the 'exact' name in which the license is issued, means just exactly what it says. Thus, J. Doe, the name-style in which Mr. Doe applied for and secured his contractor's license, is the only name which John Doe may use in submitting a bid or signing a contract. If he signs his full name 'John Doe' he has not used the 'exact' name in which his license is issued. If this ruling stands, every licensee should immediately determine whether or not his license certificate is issued in the exact name in which he carries on his contracting business. If it is determined a change of name should be made, application must be made to the registrar of contractors, and the certificate and annual renewal license must be returned for correction.

California School Building Program Second In U. S.

California ranks second to New York in the State - PWA school building construction program which has been in progress during the past two and one-half years, with a building program costing $58,593,226, according to figures recently released by PWA Administrator Harold L. Ickes.

New York leads with new schools costing $76,970,634 either finished or under construction. The total for the United States is $461,923,907, approximately 70 per cent of all the school building done in the country during the two and one-half year period. Of this amount $174,576,-261 was granted by the PWA.

Loans from the PWA which are to be repaid with interest at four per cent have amounted to $89,136,-319, Ickes states.

Elementary schools constructed with PWA aid have cost $139,831,-127, combined elementary and high schools, $50,235,272 and high schools, $176,881,297. In addition loans and grants to colleges and universities have made possible the construction of $58,881,297 worth of facilities.

Ickes estimates that actual expenditures to date have totalled approximately $200,000,000, provided 800,000 man-months of direct labor at the construction sites and 4,-000,000 man-months of indirect labor employed away from the site in mining, manufacture, transportation, and other branches of industry.

MAINE PROTECTS GAS TAX MONEY

Diversion of highway funds to non-highway purposes is prohibited in Maine by a referendum bill adopted by a direct vote of the people of that state at the election September 14. Maine is the fifth state to take legal measures protecting highway funds, constitutional amendments for the same purpose having been adopted already in Missouri, Kansas, Minnesota and Colorado.

BIDS NOV. 20 ON $2,200,000 STATE CAPITOL

Single Contract To Be Given For Oregon Government Building

Bids for the general contract to construct the new state capitol building at Salem, Oregon, will be received in Portland, November 20, by the State Capitol Reconstruction Commission, it was announced yesterday. The state has available $2-200,000 for the capitol and the contract is one of the largest building awards to be made on the Pacific Coast this year.

The new structure will replace a building destroyed by fire last year. It is designed by Architect Goodhue Livingston, of the firm of Trowbridge and Livingston, New York City, whose plans were selected from a national competition in which more than a hundred architects participated. The firm of Whitehouse & Church, Portland, are associated with Mr. Livingston in accordance with the terms of the competition that a non - resident contestant must affiliate with an Oregon architect in preparing the final plans.

The building will be three stories, rectangular in shape, and has a cylindrical tower in the center rising to a height of 166 feet. The outside dimensions are approximately 400 by 164 feet.

Administrative offices are to be housed on the first floor, legislative chambers on the second floor and an assembly hall will be located on the third floor. The basement will contain a cafeteria, work rooms, and quarters for miscellaneous services.

The general contract includes heating and ventilating, electrical work, plumbing and elevators. Work is to be done under PWA regulations. The state has specified a minimum wage of 85 cents an hour for skilled labor, 55 cents for semi - skilled and 45 cents for unskilled.

Plans may be obtained from the offices of Whitehouse and Church, Railway Exchange Building, Portland, on deposit of $50. Bids will be received by Alton John Bassett, secretary for the reconstruction commission, at the commission offices in the Porter Building, Portland, until 12 o'clock noon, November 20. They will be opened by the commission at 2 o'clock the same be received by Alton ohn Bassett, building.

FOREST SERVICE ASKS STORAGE SPACE BIDS

Equipment storage space in the vicinity of Government Island is being sought by the U. S. Forest Service to supplement the warehouse area at the island. Bids will be opened by the regional office in San Francisco, October 19, for the rental of approximately 12,000 sq. ft. in weatherproof buildings suitable for storing road machinery.

G-E TO ADJUST EMPLOYES PAY BY LIVING COST

2% Increase Granted With Upward Revision Promised As U. S. Index Rises

A stabilization plan, whereby earnings of employees automatically increase as the cost of living rises, has been announced by President Gerard Swope of the General Electric Company. The adjustments are to be made to conform with the index for the cost of living figures as published by the Department of Labor of the United States Government.

On that basis, effective October 1, a cost of living adjustment of two per cent is being added to the earnings on the first $3,000 per year of all those receiving not exceeding $4,000 per year.

"The employees of several of our plants have requested an increase in wages," said Mr. Swope, in announcing the plan. "Our most recent surveys of community rates at our various plants have shown definitely that we are living up to the company policy of paying at least as high as the community rates for occupations of comparable skill and efficiency.

"Moreover, although we are working shorter hours than in 1929, the average weekly wage of our employees has somewhat more purchasing value than in 1929 because living costs are lower than in 1929. As hours increase, up to the standard of forty hours per week, weekly earnings increase automatically, and, in addition, as the company's profits increase the amount available for distribution to employees as profit sharing also increases.

"During many recent negotiations with the representatives of our employees, complaints have been made that the cost of living was increasing. Cost of living has increased since the low point of 1933, but hourly rates and weekly earnings have increased even more rapidly.

"However, in order to allay concern on the part of the employees as to the rise in the cost of living, automatic increase in employee earnings will be made as the cost of living rises. The index taken for the cost of living will be the figures published by the Department of Labor of the United States Government. This plan provides that if the cost of living goes up, corresponding increases will be made in employee earnings, up to a maximum of 10 per cent above the present level, and when this point is reached the company will again give consideration to this question. If the cost of living decreases, adjustment will be made downward, but will not go below the standard of employee earnings now in effect. With this arrangement, the question of the relation of employee earnings to the cost of living is taken care of automatically.

N. Y. World's Fair Buildings Governed By Special Code

The New York City Board of Estimate and Apportionment has enacted a special building code to govern the erection and use of temporary buildings for the New York World's Fair of 1939. The new code supersedes the regular building code of the city of New York, liberalizing some of the provisions of that code in view of the fact that many of the buildings erected for the fair will be of a temporary nature. Permanent buildings on the fair site must conform to the regular city code. The code was prepared by the world's fair engineers in cooperation with the city building department. It will be administered by the corporation itself, which will have complete authority over the construction and use of all temporary structures at the fair and power to take court action in the case of violation.

The new code permits much greater freedom in the use of new materials, assembly, and types of construction than is permitted under the city code. Exit and standpipe requirements have been made more rigid because of the relaxation of structural and fire-resisting requirements and because of the large crowds expected to attend the fair. For the same reasons occupancies have been confined to ground floors. Fireproof structures are unlimited as to maximum area and height. Fire protected structures, a new class, are unlimited as to area, but cannot rise more than 225 ft. above the grade of an occupied floor. Other types of construction are restricted as to allowable height and floor space in proportion to their fire resistant qualities.

Seminoe Dam Turbines To Be Manufactured In San Francisco

Turbines and governors for the Seminoe power plant of the Casper-Alcova Federal Reclamation Project in Wyoming will be manufactured by the Pelton Water Wheel Company of San Francisco. The company has been awarded the contract for furnishing two 15,000-hp. turbines and two governors on a bid of $100,546 for the turbines and $19,233 for the governors.

Allis-Chalmers Company, Milwaukee, was awarded a contract for furnishing two generators for the power plant on a bid of $192,-223.

Seven proposals were received by the Bureau of Reclamation at its Denver (Colorado) office, September 14. The successful bids on the turbines and generators were lowest on these schedules.

BUREAU ASKS NEW BIDS ON YOSEMITE JOBS

Pre-Ads Issued For Construction Held Over From This Season

District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads issued a call for bids yesterday for two contracts, one involving the construction of a bridge and the other for grading in Yosemite National Park, Tuolumne County, both to be opened March 30, 1937.

The contract for constructing a bridge across the South Fork of the Tuolumne River and approaches on Section A1, Route 4, the Tioga Road in Tuolumne County was put up for bids last June. B. A. Howkins, San Francisco, submitted the low bid of $32,605.50 at that time, but the bid was rejected. The engineer's estimate for the job was $24,746.50.

The second bid call announced yesterday was for grading and placing a subgrade reinforcement on Section A2 of Route 4 on the Tioga Road, a length of approximately 2.1 miles.

The job involves the following principal items: 46,000 cubic yards unclassified excavation; 750 cubic yards unclassified excavation for structures; 5,500 cubic yards sod excavation; 75,000 station yards overhaul; and 1,410 lineal feet corrugated metal pipe.

Contractors should inspect the project before November 1, Mr. Sweetser announced, as the ground may be covered with snow after that date and will not be clear until some time after the opening of bids.

Bids have been called on three other contracts within the past month for work which will not be started until last next spring. All were announced at this early date in order to give the contractors a chance to visit the work sites, Mr. Sweetser stated.

REVENUE BONDS FOR UTILITY PURCHASE

Tulare Board of Public Utilities has negotiated an agreement with John Muveen & Co., Chicago brokers, for sale of a revenue bond issue not to exceed $400,000 at an interest rate of 4 per cent. Proceeds are to be used for acquisition of the electrical distributing system of the Southern California Edison Company in Tulare.

The city charter authorizes issuance of revenue bonds by the city government without an election. A proposed general obligation bond issue of $228,000 failed to carry by a margin of a few votes at an election held last week.

Negotiations will be started at once with the utility company for purchase of the property at the valuation fixed by State Railroad Commission appraisal. If negotiations are unsuccessful condemnation proceedings are planned.

BETHLEHEM CORP. RUSHING WORK ON GATE SPAN

2000-Ft. Gap In Deck Steel To Be Closed Within Month

Heavy fog that blanketed the entrance to San Francisco's harbor last week did not interfere with progress on the Golden Gate Bridge where the Bethlehem Steel Corporation crews continued erection of the deck steel from both towers toward the center. A gap of 2,000 feet in the suspended section remains to be closed and the two arms of steel will meet early next month, if the present schedule is maintained, according to Chief Engineer Joseph B. Strauss.

More than 400 feet of each of the back spans has been erected, Mr. Strauss reported. Erection of steel for the great Fort Scott arch is proceeding at a rapid rate and before the end of the week steel work on the south approach span will have been completed.

Erection of forms and reinforcing steel for the pavement of the north approach span is nearing completion and pouring of concrete will commence about Thursday.

Work on the Lincoln Boulevard underpass near the toll plaza in the Presidio is going ahead rapidly and steel work for the high viaduct of the east approach road through the Presidio is almost finished. Paving of this structure is under way, the paving crew following close behind the erection and riveting crews.

At the toll plaza itself excavations and the pouring of concrete footings for the substructure are going ahead on schedule, together with grading and excavation for the approach road between the high viaduct and toll plaza.

The Sausalito lateral approach, likewise, is going forward rapidly and the heavy excavations and fills are nearing completion.

The employment roll is continuing to grow with more than 1350 men engaged in the field, in addition to the hundreds employed in the shops, foundries and quarries producing material for the project.

SAN BENITO ASKS HOSPITAL GRANT

The San Benito County Board of Supervisors have voted to make an immediate application for a PWA grant to aid in financing a proposed new county hospital.

Plans for the structure have been drawn by Architect Robert Stanton of Del Monte who appeared before the Board and roughly estimated the hospital to cost approximately $72,500.

Of this amount $26,500 is now available in the county fund. The board proposes to raise an additional $21,000 through an increase in the tax rate next year. This would raise the tax rate from the present rate of 85 cents to one dollar.

University Authorizes $287,000 Gymnasium For Davis Campus

A modern gymnasium, to cost $287,000, will be erected on the Davis campus of the University of California, at the Branch of the College of Agriculture.

The need of a gymnasium has been acute for years, according to Dean C. B. Hutchison of the College of Agriculture, and the provision of the legislature in turning over a percentage of the Fair and Exposition Fund, derived from the state's share in the pari-mutuel machines at the race tracks, made funds available for the construction.

The new gymnasium will be 125 feet wide by 144 feet long; with the swimming tank, which will be enclosed, the entire structure will be 144 by 235 feet. The tank itself will be 60 by 100 feet, with a maximum depth of 12 feet.

On the ground floor will be classrooms for physical education, lockers, rooms for military science and tactics, and the arsenal. About one-eighth of the floor space will be given to quarters for women, with an opening to the swimming pool and to the gymnasium.

On the main floor, in addition to offices and other rooms, will be the main gymnasium floor, 100 by 144 feet. This will be provided with folding bleachers to accommodate a crowd of 2000; when the bleachers are folded and put away, three practice basketball courts will be available.

Plans for the building were drawn by Architect W. C. Hays, professor of architecture on the Berkeley campus and supervising architect for the Davis campus.

WATSONVILLE SCHOOLS AWAIT PWA GRANT

Santa Cruz County Board of Supervisors will not offer at Watsonville school district bond issue of $170,000 for sale until definite assurance of a PWA grant for the building project, toward which the proceeds are dedicated, is received, it was decided at a recent meeting.

The bonds were voted to finance construction of a new grammar school buildng and a high school gymnasium. Application has been made to PWA for a 45 per cent grant for the projects.

MARTINEZ ENGINEER HEADS COUNTY BOARD

City Engineer O. K. Smith of Martinez was elected chairman of the Contra Costa county planning commission at an organized session held in Martinez last Wednesday.

AQUEDUCT ROAD GASOLINE TAX REFUND OKEH

Contractor Operations on Part Of Water District Job Exempt From Levy

Contractors operating trucks over construction roads maintained exclusively by the Los Angeles Metropolitan Water District are entitled to state gasoline tax refunds, Attorney - General U. S. Webb has advised State Controller Ray L. Riley. The attorney-general however, calls attention to the fact that part of the construction roads along the aqueduct are county and state routes, dedicated to public use and tax exemption cannot be claimed for operations over these thoroughfares.

"The problem of determining what quantities of gasoline were purchased for the purpose of operating motor vehicles on the roads which we are of the opinion are public highways is of course an administrative problem," the opinion states.

The attorney-general has ruled that the aqueduct road built by the district and maintained by it from a point opposite Long Canyon Camp to Shaver Summit and from Desert Center to Parker Dam, with branches to the various construction camps is a private road, excepting the portions which follow the "Old Public Highway", unless this highway route has been formally abandoned. Contractors' operations on this road consequently are tax exempt.

"The mere fact that the public has access to the roads does not change what is otherwise a private road into a public highway. The use of the public is by permission of the district according to the evidence submitted to this office," the attorney-general comments in this connection.

Roads in the vicinity of Garnet, which were built by the district, but on right-of-way owned by the county of Riverside are public highways and no refund is permissible. The same ruling applies to roads near Indio built by the district but maintained by the State Division of Highways and to the road built by the district of Santa Fe railroad right-of-way and owned by the county of San Bernardino.

SAN JOAQUIN CO. CONTRACTORS ELECT

W. J. Scott has been re-elected president of the General Contractors' Association of San Joaquin County to serve another year term. Other officers for 1937 are Elves Totten, vice-president; W. H. Ecker treasurer; Frank Kent, secretary; J. A. Allen and O. H. Chain, executive committee members.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2057	Mohr	Owner	3000
2058	Mohr	Owner	3000
2059	Mohr	Owner	3000
2060	Mohr	Owner	3000
2061	Mohr	Owner	3000
2062	Mohr	Owner	3000
2063	Mohr	Owner	3000
2064	Lindsay	Owner	3600
2065	Benson	Owner	3950
2066	General	Cahill	18000
2067	Delucchi	Owner	3000
2068	Delucchi	Owner	3000
2069	Delucchi	Owner	3000
2070	Evers	Owner	4000
2071	Lindsay	Owner	3600
2072	Liebman	Owner	7000
2073	Liebman	Owner	7000
2074	Pellman	Lindsay	3400
2075	Barber	Owner	3500
2076	Christie	Wagner	25000
2077	Green	Nelson	8000
2078	Lewis	Owner	3000
2079	Johnson	Owner	4000
2080	Cohen	Durkren	1500
2081	Lewis	Owner	3000
2082	American	Owner	1900
2083	Sivley	Little	8000
2084	Peterson	Hogrefe	6000
2085	New	Hardy	2000
2086	Griffiths	Lindsay	4500
2087	Doelger	Owner	4000
2088	Lindsay	Owner	4500
2089	Schneir	Owner	2000
2090	Standard	Owner	3500
2091	Harrison	Owner	3800
2092	Harrison	Owner	3800
2093	Daniel	Cuthbertson	4000
2094	Harrison	Owner	3800
2095	Harrison	Owner	3800
2096	DeLear	.....	1200
2097	Enright	Dinwiddie	2000
2098	Bergers	Owner	2000
2099	Harrison	Owner	3800

DWELLING
(2057) S, MANGELS, 175 E GENESEE. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission.
Architect—Martin A. Sheldon, Monadnock Bldg. $3,000

DWELLING
(2058) S. MANGELS, 25 E. GENESSEE. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission St.
Architect—Martin A. Sheldon, Monadnock Bldg. $3000

DWELLING
(2059) S. MANGELS, 150 E GENESSEE. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission.
Architect—Martin A. Sheldon, Monadnock Bldg. $3000

DWELLING
(2060) S. MANGELS, 50 E GENESSEE. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission St.
Architect—Martin A. Sheldon, Monadnock Bldg. $3000

DWELLING
(2061) S. MANGELS, 75 E GENESSEE. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission St.
Architect—Martin A. Sheldon, Monadnock Bldg. $3000

DWELLING
(2062) S. MANGELS, 125 E GENESSEE. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission.
Architect—Martin A. Sheldon, Monadnock Bldg. $3000

DWELLING
(2063) S. MANGELS, 100 E GENESSEE. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission.
Architect—Martin A. Sheldon, Monadnock Bldg. $3000

DWELLING
(2064) W. 23RD AVE., 100 N LAWTON. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duroce.
Architect—Not Given. $3600

DWELLING
(2065) S. SANTIAGO, 82 E 34TH AVE. One-story and basement frame dwelling.
Owner—Andrew J. Benson, 2324 15th Avenue.
Architect—Not Given. $3950

BOILER ROOM
(2066) E. NEWHALL, 219 S CARROLL. Class C boiler room.
Owner—General Brewing Corp., 2601 Newhall St.
Contractor—Cahill Bros., Inc., 206 Sansome.
Architect—Frederick H. Meyer, Kohl Bldg.
Engineer—C. H. Snyder, 251 Kearny St. $18,000

DWELLING
(2067) N. GILMAN, 75 W HAWES. One-story and basement frame dwelling.
Owner—Richard Delucchi, 3275 San Bruno Ave.
Architect—W. E. Huson, 2808 Pierce St. $3000

DWELLING
(2068) N. GILMAN, 125 W HAWES. One-story and basement frame dwelling.
Owner—Richard Delucchi, 3275 San Bruno.
Architect—W. E. Huson, 2808 Pierce St. $3000

DWELLING
(2069) N. GILMAN, 100 W HAWES. One-story and basement frame dwelling.
Owner—Richard Delucchi & Co., 3275 San Bruno.
Architect—W. E. Huson, 2808 Pierce St. $3000

DWELLING
(2070) W. STANYAN, 176 N TURK. One-story and basement frame dwelling.
Owner—Kenneth Evers, 97 San Pablo.
Architect—E. E. Young, 2002 California. $4000

DWELLING
(2071) W. 23D AVE, 125 N LAWTON. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce.
Architect—Not Given. $3600

DWELLING
(2072) S. MARINA BLVD., 40 W BRODERICK. Three-story and basement frame dwelling.
Owner—B. Liebman, 1555 Francisco.
Architect—W. Goldstine, 1200 Oak St. $7000

DWELLING
(2073) S. MARINA BLVD., 59 W BRODERICK. Three-story and basement frame dwelling.
Owner—B. Liebman, 1555 Francisco.
Architect—J. W. Goldstine, 1200 Oak St. $7000

DWELLING
(2074) W. 20TH AVE, 225 S JUDAH. One-story and basement frame dwelling.
Owner—A. Pellman, 1439 20th Ave.
Contractor—C. T. Lindsay, 140 Duboce.
Architect—Not Given. $3,400

DWELLING
(2075) W. ORIZIBA, 240 S HOLLOWAY. One-story frame dwelling.
Owner—H. Barber, 225 College Ave.
Architect—Not Given. $3,500

SHOP
(2076) SW HARRISON AND MAIN. Class C Shop.
Owner—Christie Machine Works, 222 Howard.
Contractor—Geo. Wagner, 181 South Park.
Architect—Dodge A. Reidy, 821 Market.
Engineer—W. H. Ellison, Pacific Bldg. $25,000

DWELLING
(2077) N. MOUNTAIN SPRING, 88 E STANYAN. Two-story and basement frame dwelling.
Owner—John H. Green, 85 Vasquez Avenue.
Contractor—Frank F. Nelson, Inc., 2 Edgehill Way. $8,000

DWELLING
(2078) E. BYXBEE, 225 S HOLLOWAY. One-story and basement frame dwelling.
Owner—Jack Lewis, 483 Valencia.
Architect—Not Given. $3000

DWELLING
(2079) W. 17TH AVE., 114 N WAWONA. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave.
Architect—Not Given. $4000

ALTERATIONS
(2080) 471 30th AVE. Alter dwelling.
Owner—Charles Cohen, 876 39th Ave.
Contractor—D. T. Duerkren, 308 Noe Street.
Architect—Not Given. $1500

DWELLING
(2081) E. BYXBEE, 200 S HOLLOWAY. One-story and basement frame dwelling.
Owner—Jack Lewis, 483 Valencia.
Architect—Not Given. $3000

ALTERATIONS
(2082) 521 7TH ST. Alter factory.
Owner—American Bedding Co., 781 Brannan.
Architect—Not Given. $1900

DWELLING
(2083) W. SANTA CLARA, 53 N MONTEREY. One-story and basement frame dwelling.
Owner—Geo. C. Siviey, 220 Vasquez.
Contractor—M. A. Little, 107 24th Avenue.
Architect—Masten & Hurd, 233 Post St. $8,000

DWELLING
(2084) E. BEAUMONT, 264 NORTH TURK. Two-story and basement frame dwelling.
Owner—C. Peterson, 130 Borica.

Contractor—Herman C. Hogrefe, 359 24th Ave.
Architect—John Davis Young, 2002 California. $6000

ALTERATIONS
(2085) 725 MISSION. Alter store.
Owner—New England Mutual Life Ins. Co., Flat Iron Bldg.
Contractor—A. A. Hardy, 736 Clementina.
Architect—Not Given. $2000

DWELLING
(2086) E. 24TH AVE., 200 SOUTH KIRKHAM. One-story and basement frame dwelling.
Owner—Floyd Griffiths, 1226 18th Ave.
Contractor—C. T. Lindsay, 140 Duboce. $4500

DWELLING
(2087) E. 17TH AVE., 575 S MORAGA. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, 320 Judah.
Architect—Not Given. $4000

DWELLING
(2088) E. 24TH, 175 S KIRKHAM. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Dubose.
Architect—Not Given. $4500

ALTERATIONS
(2089) 240 SANTA CLARA. Alter dwelling.
Owner—T. F. Schneir, Prem.
Architect—Not Given. $2000

DWELLING
(2090) E. 30TH AVE., 125 N JUDAH. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah.
Architect—Not Given. $3500

DWELLING
(2091) N. ESCOLTA WAY, 320 E 33RD AVE. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter Street.
Architect—Not Given. $3800

DWELLING
(2092) N. ESCOLTA WAY, 345 E 33RD AVE. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter Street.
Architect—Not Given. $3800

GYMNASIUM
(2093) 1776 ELLIS ST. One-story frame gymnasium.
Owner—Daniel Community Center, Premises.
Contractor — Tom Cuthbertson, 430 Noriega.
Architect—Not Given. $4000

DWELLING
(2094) N. ESCOLTA WAY, 370 E 33RD AVE. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter Street.
Architect—Not Given. $3800

DWELLING
(2095) N. ESCOLTA WAY, 395 E 33RD AVE. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter Street.
Architect—Not Given. $3800

ALTERATIONS
(2096) 1069 MARKET. Alter theater.
Owner—E. De Lear, care Architect.
Contractor—Not Selected.
Architect—F. Amandes, 414 Dewey Blvd. $1200

ALTERATIONS
(2097) S.W. BEALE AND MARKET. Alter loft.
Owner—Enright Estate, % Crocker First National Bank.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg.
Engineer—R. J. Fisher, 826 Crocker Bldg. $2000

ALTERATIONS
(2098) 856 MARKET. Alter store.
Owner—Berger's, Inc., Prem.
Architect—Not Given. $2000

DWELLING
(2099) N. ESCOLTA WAY, 420 E 33RD AVE. One-story and basement frame dwelling.
Owner—Harrison & Traxler, 9 Sutter Street.
Architect—Not Given. $3800

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1561	Morgensen	Owner	5500
1562	Dooley	Owner	4500
1563	Vila	Owner	4000
1564	Harmen	Alexander	2500
1565	Kesti	Owner	6700
1566	White	Williams	3850
1567	Haller	Owner	6000
1568	Pryor	Duncan	6000
1569	Viera	McDonald	5000
1570	Stroud	Treichel	8000
1571	Wilson	Owner	2750
1572	Continental	Austin	2000
1573	Am	Lindgren	5000
1574	Yokomizo	Read	6500
1575	Brasch	Owner	5000
1576	Savage	Owner	3000
1577	Down	Ungaretti	5000
1578	Munson	Nicholson	6000
1579	Scammell	Owner	5000
1580	Peterson	Johnson	1000
1581	San Pablo	Kemble	1500
1582	Steves	Peterson	4500
1583	Welch	Owner	2500
1584	Fisher	Owner	7500
1585	Marquis	Reliable	7000
1586	Mills	Nordstrom	5000
1587	Kress	Owner	2500
1588	Oakland	Nelson	9000
1589	Fortini	Owner	4500
1590	Foltz	Prentiss	2000
1591	Sigma	Sorensen	46260
1592	Huntington	Early	6000

DWELLING
(1557) 5924 LA SALLE AVE., OAKLAND. One-story 5-room dwelling.
Owner—Jas. A. Trotter, Prem.
Contractor—A. E. Waldman, 3192 McKillop Road.
Architect—Not Given. $5,000

REPAIRS
(1558) 557 32ND ST., OAKLAND. Fire repairs.
Owner—A. Finkelman, San Jose.
Contractor—Fred J. Early, Jr., 366 40th St.
Architect—Not Given. $1,000

DWELLING
(1559) 2474 63rd AVENUE, OAKLAND. One-story 5-room dwelling.
Owner & Builder—H. B. Curtis, 5333 Holland St.
Architect—Not Given. $4,000
Also 1-story garage, $200.

DWELLING
(1560) 1864 GREENOCH AVENUE, OAKLAND. Two-story 6-room dwelling.
Owner and Builder—H. S. Garetson, 1955 Leavenworth St., San Francisco.
Architect—C. H. Treichel, 696 Cleveland Ave. $5,000

DWELLING
(1561) 101 ALTA RD., OAKLAND. Two-story 6-room dwelling.
Owner and Builder—Morgensen Bros. 5664 Broadway, Oakland.
Architect—Not Given. $5,500

DWELLING
(1562) 4108 35th AVE., OAKLAND. One-story 6-room dwelling.
Owner and Builder—Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given. $4,500

DWELLING
(1563) 631 MOUNTAIN Blvd., OAKLAND. One-story 6-room dwelling.
Owner & Builder—Joe Vila, 1207 Solano Ave., Albany.
Architect—Not Given. $4,000

SERVICE STATION
(1564) 2575 GROVE ST., OAKLAND. One-story steel service station.
Owner—Mrs. Rose Harmen, 671 26th St., Oakland.
Contractor—Fred D. Alexander, 358 17th St., Oakland.
Architect—Not Given. $2500

DWELLING
(1565) 983 PARK LANE, OAKLAND. Two-story 7-room dwelling.
Owner and Builder—David Kesti, 2217 Browning St., Berkeley.
Architect—Not Given. $6700

DWELLING
(1566) 667 MANDANA BLVD., OAKLAND. One-story 5-room dwelling.
Owner—George White, 663 Mandana Blvd., Oakland.
Contractor—Hugh E. Williams, 839 Creed Road, Oakland.
Architect—Not Given. $3850

DWELLING
(1567) 6110 BUENA VISTA AVE., OAKLAND. One-story six - room dwelling.
Owner and Builder—Paul H. Haller, 6221 Buena Vista Ave., Oakland.
Architect—Not Given. $6,000

DWELLING
(1568) 4022 OAKMORE RD., OAKLAND. One-story 6-room dwelling.
Owner—L. Pryor, 2019 34th Avenue, Oakland.
Contractor—Geo. Duncan, 2523 78th Ave., Oakland.
Architect—Not Given. $6,000

STORE
(1569) 8419 EAST 14th ST., OAKLAND. One-story store.
Owner—John Viera, 1726 87th Ave., Oakland.
Contractor — A. A. McDonald, 3136 Rawson St., Oakland.
Architect—Not Given. $5,000

DWELLING
(1570) 5550 MAXWELTON ROAD, OAKLAND. One-story 7-room dwelling.
Owner & Builder—J. A. Stroud, Jr., 370 17th St.
Architect—Chester H. Treichel, 696 Cleveland Ave. $8000

DWELLING
(1571) 2621 WALLACE ST., OAKLAND. One-story 6-room dwelling.
Owner & Builder—Perry H. Wilson, 1225 E. 23rd St.
Architect—Not Given. $2750

LOADING PLATFORM
(1572) 5733 SAN LEANDRO ST., OAKLAND. One-story loading platform.
Owner—Continental Can Co., 57th Ave. and San Leandro St.
Contractor—The Austin Co., 516 18th Street.
Architect—Not Given. $2000

LOADING PLATFORM
(1573) 3725 E. 8th ST., OAKLAND. One-story loading platform.
Owner—American Can Co., 3725 E. 8th St.

Contractor—Lindgren & Swinerton, 1723 Webster St.
Architect—Not Given. $5000

LAUNDRY
(1574) 2101-03 UNION ST., OAKLAND. One-story brick laundry.
Owner—M. Yokomizo, 2430 Filbert St.
Contractor—Ernest Read, 4834 Foothill Blvd.
Architect—Not Given. $6500

DWELLING
(1575) 5919 AVACA ST., OAKLAND. Two-story 5-room dwelling.
Owner & Builder—... P. Brasch, 1600 Mountain Blvd.
Architect—Not Given. $5,000

DWELLING
(1576) 1416 QUEENS RD., BERKELEY. One-story 3-room dwelling, and garage.
Owner & Builder—H. A. Savage, Jr., Whitecotton Hotel.
Architect—Not Given. $3,000

DWELLING
(1577) 5945 JOHNSTON DRIVE, OAKLAND. One-story 6-room dwelling.
Owner—G. L. Down, 6766 Broadway Terrace.
Contractor—Chas. Ungaretti & Son, 1727 Foothill Blvd.
Architect—Ray Keefer, 585 Mandana Blvd. $5000

DWELLING
(1578) 2515 MAXWELL AVENUE, OAKLAND. Two-story 6-room dwelling.
Owner—E. E. Munson, 2521 Maxwell Ave.
Contractor—D. W. Nicholson, 550 Blossom Way, San Leandro.
Architect—Not Given. $6000

DWELLING
(1579) 2526 CORDOVA ST., OAKLAND. One-story 6-room dwelling.
Owner & Builder—J. W. Scammell, 3161 Fruitvale Ave.
Architect—Not Given. $5000

ADDITION
(1580) 1232 SUNNYHILLS ROAD, OAKLAND. Addition.
Owner—Adolph Peterson, 1232 Sunnyhills Road.
Contractor—S. G. Johnson, 4652 Dolores Ave.
Architect—Not Given. $1000

ALTERATIONS
(1581) 1941-63 SAN PABLO AVE., OAKLAND. Alterations (sidewalk).
Owner—San Pablo Hotel, Prem.
Contractor—John Kemble, 2875 Vallecito Place.
Architect—R. H. Cooley, 354 Hobart St. $1500

DWELLING
(1582) 7308 OUTLOOK AVE., OAKLAND. One-story 5-room dwelling.
Owner—E. M. Steves, Prem.
Contractor—J. B. Petersen & Son, 4021 Agua Vista Ave.
Architect—Not Given. $4500

DWELLING
(1583) 1824 103D AVE., OAKLAND. One-story 4-room dwelling.
Owner & Builder—A. C. Welch, 1808 103rd Ave.
Architect—Not Given. $2500
Also 1-story garage, $75.

DWELLING
(1584) 610 BLAIR AVENUE, PIEDMONT. Two-story 8-room residence and garage.
Owner and Builder—H. P. Fisher, 1058 Winsor Ave., Piedmont.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland. $7500

DWELLING
(1585) 112 ESTATES DRIVE, PIEDMONT. Two-story 7-room residence and garage.
Owner—Edward M. Marquis, 3731 Neville, Piedmont.
Architect—Earl McDonald, 3810 Broadway, Oakland.
Contractor—Reliable Homes Inc., 3500 35th Ave., Piedmont. $7,000

ADDITION
(1586) 650 KENWYN ROAD, OAKLAND. Addition.
Owner—Dr. William Mills, Prem.
Contractor—David Nordstrom, 354 Hobart St.
Architect—W. E. Schirmer, Bank of America Bldg. $5000

ALTERATIONS
(1587) 1333 BROADWAY, OAKLAND. Alterations.
Owner & Builder—S. H. Kress & Co., Premises.
Architect—Not Given. $2500

ALTERATIONS
(1588) 508-18 12TH ST., OAKLAND. Alterations.
Owner—Oakland Masonic Temple Association, Prem.
Contractor—A. Nelson, Inc., 242 Ocean Ave., San Francisco.
Architect—H. B. Hammil, 381 Bush St., San Francisco. $9000

DWELLING
(1589) 4020 REINHARDT DRIVE, OAKLAND. One-story 5-room dwelling.
Owner & Builder—M. W. Fortini, 4030 Reinhardt Dr.
Architect—Not Given. $4500

DWELLING
(1590) 6675 PINENEEDLE ROAD, OAKLAND. One-story 4-room dwelling.
Owner—Dr. C. B. Foltz, 1501 Madison Street.
Contractor—A. W. Prentiss, 7695 Crest Ave.
Architect—Not Given. $2000
Also 1-story frame garage, $175.

SORORITY HALL
(1591) 2409 WARRING, BERKELEY. Three-story 26-room frame sorority hall.
Owner—Sigma Kappa, Prem.
Contractor—W. Sorensen, 2940 Piedmont.
Architect—W. H. Ratcliff, American Trust Bldg. $46,260

SERVICE STATION
(1592) 2 TUNNEL RD., BERKELEY. One-story steel service station.
Owner—J. Huntington, Prem.
Contractor—Fred J. Early, Jr., 366 40th St., Oakland.
Architect—Not Given. $6000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
142	Larsen	Rousseau	8000
143	Sexton	Vukicevich	4350
144	Fabre	Bloom	5522
147	Oakland	Nelson	9449
148	Presbytery	Cuthbertson	4227
149	Daly	Perkins	9448

DWELLING
(142) N. BEACH, 150 E WEBSTER. One-story and basement frame dwelling.
Owner—Mrs. Minnie A. Mugg.
Architect—Albert Larsen, 333 Kearny Street.
Contractor—Oliver M. Rousseau, 321 Kearny Street.
Filed Oct. 7, '36. Dated Sept. 16, '36.
Frame up $2,000
Brown coat 2,000
Completion 2,000
Usual 35 days 2,000
TOTAL COST, $8,000.00
Limit, 120 days. Plans and specifications filed.

DWELLING
(143) W. MONTECELLO, 200 North GARFIELD. One-story and basement frame dwelling.
Owner—Truman Investment Co.
Architect—N. W. Sexton, deYoung Bldg.
Contractor—M. E. Vukicevich, 709 Mission St.
Filed Oct. 8, '36. Dated Sept. 22, '36.
Frame up $1085
Brown coat plaster 1085
Completion 1085
Usual 35 days 1095
TOTAL COST, $4,350.00
Limit, 90 days.

APARTMENT HOUSE
(144) E. DARRELL PL., 137 N FILBERT. Three-story and basement apartment house.
Owner—W. H. Alber, 25 Napier Alley.
Architect—Fabre & Hildebrand, 110 Sutter St.
Contractor—Julius Bloom and Alfred Bearman, 110 Sutter St., San Francisco.
Filed Oct. 9, '36. Dated Sept. 16, '36.
Floor joists in place $828.50
Tar and gravel roof 828.50
Brown coat plaster 828.50
Completion 828.50
Usual 35 days 1379.50
TOTAL COST, $5,522.00
Bond, $2,761. Sureties, F. W. Roth and D. O. Druffel. Limit, 100 days. Plans and specifications filed.

RECONSTRUCTION
(146) SE COR. FOLSOM & HAWTHORNE STS. Reconstruction of sub-basement walls, sidewalks, driveways, and gasoline pump, and tank installation.
Owner—Railway Express Agency, Inc., 85 Second St.
Contractor—Carl H. Peterson, 60 21st Ave., San Francisco.
Architect—Not Given.
Filed Oct. 13, '36. Dated Oct. 3, '36.
75% on acceptance.
25% usual 35 days.
TOTAL COST, $4458
Bond, $2229. Sureties, Pacific Indemnity Co. Limit, 25 days. Forfeit, $20. Plans and specifications filed.

GYMNASIUM
(148) 1776 ELLIS ST. One-story frame gymnasium.
Owner—The Presbytery of S. F., 228 McAllister St.
Contractor—Thos. A. Cuthbertson, 430 Noreiga St.
Architect—Not Given.
Filed Oct. 13, '36. Dated Oct. 9, '36.
Roof rafters $1056
Bldg. enclosed 1056
Completion 1056
Usual 35 days 1059
TOTAL COST, $4,227
Limit, 6 days. Plans filed.

DWELLING
(149) LOT 26, BLK 4, as per map of Forest Hill. Two-story frame dwelling.
Owner—Darrell W. and Catherine M. Daly, 54 Forestside, San Francisco.
Contractor—Ernest W. Perkins, 3500 Fulton St.
Filed Oct. 14, '36. Dated Oct. 8, '36.
Sub-floor $1417.31
Roof on 1417.31
Plaster 1889.74
Completion 2362.17
Usual 35 days 2362.17
TOTAL COST, $9,448.70
Bond, $4,724.35. Sureties, Massachusetts Bonding & Insurance Co. Forfeit, $10. Limit, 75 days. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
138	Graves	Walker	8844
145	Antongiovanni	Faggioni	5200
146	Railway	Peterson	4458
140	Patterson	Bernard	7824

RESIDENCE
(138) LOTS 1, 2 & 64, BLK 30, NO. CRAGMONT, BERKELEY. Residence.
Owner—Richard Graves, 5153 Miles St., Oakland.
Architect—W. W. Wurster, 1730 Jones St., San Francisco.
Contractor—J. M. Walker, 1709 Grove Street.
Filed Oct. 9, '36. Dated Oct. 7, '36.
Roof on 2211
Finish coat plaster 2211
Completion 2211
Usual 35 days 2211
TOTAL COST, $8,844
Limit, Feb. 15, 1937. Plans and specifications filed.

BUNGALOW
(145) N. GILMAN, 75 E JENNINGS. One-story and basement 5-room bungalow.
Owner—Angelo and Jean Antongiovanni, 564 Lombard St.
Architect—Warren Allison Herman, 37 States St.
Contractor — Caesar Faggioni, 1567 Revere Ave.
Filed Oct. 10, '36. Dated Sept. 29, '36.
Roof on 1300
Brown coat plaster.....1300
Completion 1300
Usual 35 days.....1300
TOTAL COST, $5,200.00
Bond, $2600. Sureties, C. Gaggiessi and Mary Cuoco. Limit, 100 days. Plans and specifications filed.

ALTERATIONS
(147) 12TH & WASHINGTON STS., OAKLAND. Alterations.
Owner—Oakland Masonic Temple Association.
Architect—H. B. Hammil, 381 Bush St., San Francisco.
Contractor — A. Nelson, Inc., 242 Ocean Ave., San Francisco.
Filed Oct. 13, '36. Dated Oct. 9, '36.
15th day ca. mo., 75% labor and material for previous month.
Usual 35 days, 25%.
TOTAL COST, $9449.00
Bond, $9449. Sureties, Columbia Cas. Co. Limit, 75 days. Plans and specifications filed.

DWELLING
(140) 1550 LEROY, BERKELEY. Two-story frame dwelling and garage.
Owner—R. Carl Patterson, Prem.
Architects—F. L. Confer, J. H. Anderson, 3147 Claremont Avenue, Berkeley.
Contractor—W. Vernon Bernard, 227 San Carlos St., Oakland.
Filed Oct. 14, '36. Dated Aug. 8, '36.
Rough frame, complete.....$1956
Rough plastering, complete..... 1956
Completion 1956
Usual 35 days..... 1956
TOTAL COST, $7,824
Limit, 90 days. Plans and specifications filed.

SAN FRANCISCO CO., UNDER $1000

ALTER dwelling, $200; 348 12th Ave.; owner, Anna Glantzlin, Prem.; contractor, Wayne Weeks, 107 Belvedere St.
FLUES, $41; 2114 Golden Gate Ave.; owner, Jas. Murray, Prem.; contractor, Clow Gasteam Heating Co., 571 Mission.
ALTER dwelling, $500; 131 Hartford; owner, John Bergman.
SIGN, electric, $250; 1146 Market; owner, Westward-Ho, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.
SIGN, metal, $150; 2664 Mission; owner, Bloom's, Prem.; contractor, L. Goldberg, 1085 Golden Gate Ave.
SIGN, electric, $200; 1010 Bryant; owner, J. and J. Cafe, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.
GARAGE, stucco, $150; 890 Harrison; owner, Salvation Army, Prem.
FLUE, $26; SE Cor. Taraval and 32d Ave.; owner, R. H. Elsbach, Prem.; contractor, Lowell Davison, 1250 9th Ave.
FLUE, $30; 660 47th Ave.; owner, Mr. Cuneo, 660 47th Ave.; contractor, Beaumont Furnace & Sheet Mtl. Works, 4811 Geary.
ALTER dwelling, $800; 2510 Bryant; owner, R. Bronzini, Prem.; contractor, D. Cappelletti, 667 Hampshire.
FLUES, $50; W. 35th Ave., 275 N Santiago; owner, C. E. Graham, 1257 20th St.; contractor, New Mission Sheet Metal Works, 3401 Mission.
SIGN, metal, $150; 2738 Mission St.; owner, GallenKamp's, Prem.; contractor, L. Goldberg, 1085 Golden Gate Ave.
SIGN, electric, $200; 1816 Irving; owner, Seigel Elec. Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.
BILLBOARD, $7; SW Cor. Mission and Naglie; owner, Foster and Kleiser Co., 1675 Eddy St.
FLUE, $50; 468 Columbus; owner, L. Cicornio, Premises; contractor, Frank Calderoni, 775 Broadway.
FLUE, $20; 259 Justin; owner, L. Riddell, Prem.; contractor, Beaumont Furnace & Sheet Metal Works, 4811 Geary.
ALTER dwelling, $900; 219 Crescent Ave.; owner, S. H. Krausch, Prem.; contractor, Fred Stotzer, 1455 11th Ave.
ALTER service station, $250; SE Cor. Fillmore and Lombard; owner, R. D. McElroy Co., Phelan Bldg.; contractor, Phoenix-Simpton Co., 520 6th St.
SIGN, electric, $200; 5406 Geary St.; owner, Colonial Bakery, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.
ALTER restaurant, $150, SE Corner Drumm and Jackson; owner, G. R. Dietrich, 690 Sutter.
BILLBOARD, $7; S. Clement, 70 E 12th Ave.; owner, Foster and Kleiser Co., 1675 Eddy St.
ALTER store, $65; 1275 9th Ave.; owner, Thos. Loftus, 210 27th Ave.
ALTER dwelling, $50; 1620 Anz; owner, A. Sangiacomo, 422 9th Ave.
BILLBOARD, $7; NW Cor. Bryant and 8th St.; owner, West Coast Advertising Co., 1430 Divisadero.
ALTER flats, $300; 3673 19th St.; Owner, L. Crevani, 3675 19th St.; contractor, J. B. Bourdieu, 2625 20th St.
ALTER store, $50; 205 Granada; owner, Murke and Kroeger, Prem.
SIGN, $16; 710 Post; owner, Morris Ginsburg, Prem.
BILLBOARD, $7; NE Cor. Taraval and 32nd Ave.; owner, Foster and Kleiser Co., 1675 Eddy St.
SIGN, electric, $100; 1431 Polk; owner, Kahn's Tackle Shop, Prem.; contractor, Neon Sign Service, 1707 Folsom.
ALTER dwelling, $500; 1538 11th Ave.; owner, F. McDonald, Prem.
ALTER dwelling, $500; 1275 47th Ave.; owner, L. Linehan, Prem.
ALTER dwelling, $500; 3978 22nd St.; owner, R. P. Maas, Prem.
FLUES, $15; 3015 25th St.; owner, C. O. Neil, Prem.; contractor, J. Camp & Co., 1093 Natoma.

ALAMEDA COUNTY—UNDER $1000

ALTERATIONS, $375; 219 Highland Ave., Piedmont; owner, Grace L. Lewis, 31 Monte Ave.; contractor, C. T. Moore, 446 38th St.
ROOFING, $95; 358 San Carlos Ave., Piedmont; owner, Dr. Dean, Prem.; contractor, C. E. Vincent, 2362 Courtland Ave.
ALTERATIONS, garage, $100; 1138 Oakland Ave., Piedmont; owner and contractor, Jas. B. Grubb, 1801 109th Ave.
GARAGE, $640; 119 Monte Ave., Piedmont; owner, W. S. Bliss, Prem.; architect, E. B. Hurt, 1008 Balboa Bldg.; contractor, W. T. Whitford, 421 42nd St.
SHED, 1-story frame, $200; 3037 38th Ave., Oakland; owner and contractor, Safeway Stores, 5725 E. 14th St.
ALTERATIONS, $150; 5531 Merriewood Dr., Oakland; owner, H. Hepburn, 673 Victoria Court, San Leandro; contractor, J. A. Dam, 1318 E. 26th St.
WRECK 1-story building, $25; 1136 Kirkham St., Oakland; owner, P. E. Bechner, 308 Perry St.; contractor, E. M. Cole, 3081 California St.
ALTERATIONS, $150; 9435 E. 14th St., Oakland; owner and contractor, F. Dellenbaugh, 9820 Almond St.
WRECK 1-story bldg., $50; 1133 Kirkham St., Oakland; owner, Mrs. M. Warran, 2[illegible] Lakeshore Ave.; contractor, E. M. Cole, 3081 California St.
ADDITION to garage, $75; 1280 61st Ave., Oakland; owner and contractor, E. W. Wells, Prem.
GARAGE, 1-story, $300; 1059 El Centro Ave., Oakland; owner and contractor, Geo. M. and Laura W. Lewis, Prem.
ALTERATION, $42; 1763 Broadway, Oakland; owner, The Morris Plan, Prem.; contractor, Andrew Hexon, 2985 California St.
ADDITION to garage, $90; 3099 California St., Oakland; owner and contractor, Chester Carlson, Prem.
RE-ROOF, $95; 847 43rd St., Oakland; owner, C. Rettagliatti, 5616 Telegraph Ave.; contractor, Guy Tyler & Son, 1502 Cedar Street, Berkeley.
ROOF repairs, $31; 1073 Alcatraz Ave., Oakland; owner, Mr. Gross, Prem.; contractor, Guy Tyler & Son, 1502 Cedar St., Berkeley.
RE-ROOF, $75; 576 66th St., Oakland; owner, A. J. Woolsey, Prem.; contractor, Triangle Roofers, 2911 Adeline St., Berkeley.
RE-ROOF, $150; 386 Bellevue Ave., Oakland; owner, Dr. Fearn, Premises; contractor, Triangle Roofers, 2911 Adeline St., Berkeley.
GARAGE, 1-story, $80; 9511 Hillside St., Oakland; owner and contractor, B. E. Sledge, 9511 Hillside St.
REPAIRS, $50; 5486 Kales Ave., Oakland; owner, Arthur Davis, Premises; contractor, R. J. Saurer, 5463 College Ave.
ALTERATIONS, $150; 624 Trestle Glen Road, Oakland; owner, Chas. Myers, 606 Longridge Road; contractor, Jos. L. Rich, 556 37th St.
GARAGE, 1-story, $125; 6604 Herzog St., Oakland; owner and contractor, V. Bottero, Prem.
RE-ROOF, $160; 3418 Park Blvd., Oakland; owner, L. M. Buell, Prem.; contractor, Acme Roof Co., 1093 71st Ave.
RE-ROOF, $150; 503 43rd St., Oakland; owner, A. Hornlein, Prem.; contractor, Crown Roof Co., 1911 E. 12th St.
GARAGE, 1-car, $125; 3901 Allendale, Oakland; owner and contractor, P. J. Mulligan, Prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
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11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
APARTMENTS Cont. Pr., $5,522
SAN FRANCISCO, Calif. E. Darrell Pl., N Filbert St.
Three-story frame and stucco apartment building (three 3-rm. apts.), flat roof, hot air heating system, hardwood floors, tile baths, etc.
Owner—W. H. Alber, 25 Napier Alley.
Architect — Fabre & Hildebrand, 110 Sutter Street.
Contractor—Julius Bloom & Alfred Bearman, 110 Sutter Street, San Francisco.

Contract Awarded
APARTMENTS Cost, $18,000
OAKLAND, Calif. Vernon St., near Perkins.
Two-story frame and stucco apartment house (20 rooms), tile roof.
Owner—Care of Contractor.
Architect—Not Given.
Contractor—Millar White Construction Co., 306 15th St., Oakland.

Plans Being Revised
APARTMENT Cost, $25,000
OAKLAND, Alameda Co., Cal. Oakmore Highlands (Clemens Road).
Two-story frame and stucco apartment building (four 5-rm. apts.) oak floors, hot water heating system with oil-burning equipment, insulation linoleum and oak floors, electric ranges, etc.
Owner—Daniel Stower, Sacramento.
Plans by Irwin M. Johnson, 2215 7th Avenue, Oakland.
Previous bids were rejected, lowest being submitted by David Nordstrom, Oakland, at $22,969.
New bids will be asked within one week.

3— CHURCHES

Contract Awarded
ALTERATIONS Cost, $1,966
SAN FRANCISCO. 610 Vallejo St.
Alterations to rectory.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.
Architect—Edward Eames, 216 Pine Street.
Contractor—J. Callaghan, 900 Clayton Street.

Contract Re-Awarded
ALTERATIONS Cost, $25,000
VALLEJO, Solano Co., Calif.
Alterations and additions to St. Vincent's Ferrers Church (Rev. J. J. Butler, Rector).
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Arnold Constable, 580 Market St., San Francisco.
Contractor — J. H. Schnieder, 5621 Shafter Ave., Oakland.
Award previously made to Arthur Erickson has been rescinded.

Contract Awarded
PEWS Cost, $6,200
SAN FRANCISCO. Mission St. near Third Street.
New oak pews for Saint Patrick's Church (to seat 850).
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.
Architect—Arnold Constable, 580 Market Street.
Contractor—California Church Furniture Co., Hollydale, Cal. (General Seating Co., S. F., agents).

Contract Awarded
CHURCH Cost, $15,000
RICHMOND, Contra Costa Co., Calif. 28th St. and Nevin Ave.
Church building.
Owner—Church of Jesus Christ Latter-Day Saints.
Architect—Theodore G. Ruegg, 1515 Tyler St., Berkeley.
Contractor—R. O. Phelps, 2000 Renwick, Oakland.

4— FACTORIES & WAREHOUSES

Bids In—Held Under Advisement
INDUST. BLDG. Cost, $20,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Three one-story industrial buildings (steel frame, concrete walls and floors, corrugated iron, steel sash, etc.).
Owner—Wildberg Bros. Smelting & Refining Co., So. San Francisco.
Engineer—Jesse Rosenwald, 525 Market Street.
Announcement will be made within a few days.

To Ask Bids Shortly
SHEDS Cost, $——
SAN FRANCISCO. Piers 9 and 19.
Two reinforced concrete sheds (110x 820-feet) steel frame, reinforced concrete walls, etc.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.

October 12, 1936

Contract Awarded
SHOP Cost, $30,000
SAN FRANCISCO, Calif. SW Harrison & Main Streets.
Class C Shop.
Owner—Christie Machine Works, 222 Howard St.
Architect—Dodge A. Reidy, 821 Market St.
Engineer — W. H. Ellison, Pacific Bldg.
Contractor—George Wagner, 181 S. Park.

FIRE LOSS
HOLLISTER, San Benito Co., Cal. —Fire destroyed the hay warehouse of Lathrop Hay and Grain Co. Oct. 7, with estimated damage at $35,000.

October 14, 1936

Contract Awarded
LAUNDRY Cost, $7,000
OAKLAND, Alameda Co., Cal. 2101 Union Street.
One-story brick laundry.
Owner—M. Yokomizo, 2430 Filbert St., Oakland.
Architect—Not Given.
Contractor—Ernest Read, 4834 Foothill Blvd., Oakland.

To Be Done By Day's Work
ALTERATIONS Cost, $2,500
SAN FRANCISCO, Calif. 521 7th St.
Alterations to factory.
Owner—American Bedding Co., 781 Brannan Street.
Architect—Not Given.

PREPARING PLANS
SANTA PAULA, Ventura Co., Cal. —Architect Roy C. Wilson, Say Road, Santa Paula, is preparing plans for a new packing plant to be built in Santa Paula for the Briggs Lemon Assn. The building will be a one-story and basement, L-shaped structure, 210x140 feet, with a storage wing, 126x84 feet. The storage capacity will be 210 cars. Equipment will include an air-conditioning system, refrigeration, compressor and boiler plant, metal skylights, steel sash, mastic and maple floors, etc. Cost of the building and equipment, $180,000.

PREPARING PLANS
LOS ANGELES, Calif.—The Austin Co., 777 E. Washington Blvd., is preparing preliminary plans for a new factory building to be erected on E. 12th St. for the Pacific Coast Envelope Co. The site, which was acquired October 6, has a ground area of approximately 40,000 square feet. The building will be a two- or three-story, fireproof structure, and will be the largest envelope manufacturing plant in the West. Further details will be published later. The Austin Company will construct the building.

Bids Wanted — To Close October 26, 2 P. M.
SHEDS Cost, $.....
SAN FRANCISCO. Piers 9 and 19.
Two reinforced concrete sheds (110x 820 ft. each), steel frame, reinforced concrete walls, etc.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Plans and specifications may be obtained from above office upon deposit of $20.00.

CONSTRUCTION STARTED
LOS ANGELES, Calif.—Grant & Bruner, 607 Ferguson Bldg., have completed engineering and architectural plans and started erection of a one-story reinf. concrete addition to baking plant at 8800 Venice Blvd. for Helms Bakeries. Cost, $50,000.

PLANS BEING FIGURED
LOS ANGELES, Calif.—Architects A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., are taking bids for a two-story Class C concrete building, 100x140 feet in area, to be built on North Vermont Ave., between Sunset and Hollywood Boulevards, for the A. B. & M. Corporation.

Contract Awarded
BOILER ROOM Cost, $20,000
SAN FRANCISCO. E Newhall South Carroll Street.
Class C boiler room.
Owner—General Brewing Corp., 2601 Newhall Street.
Architect—Fred H. Meyer, Kohl Bldg.
Engineer—C. H. Snyder, 251 Kearny.
Contractor—Cahill Bros., 206 Sansome Street.

Sub Bids Being Taken
FACTORY ALTS. Cost, $.....
EMERYVILLE, Alameda Co., Calif. 1553 Park Avenue.
Alterations to factory.

Owner—United Autographic Register Corp.
Architect—Not Given.
Contractor—W. K. Owen, 3145 Pleitner Ave., Oakland.
Sub bids are wanted on electric wiring, sand blasting, tile, lathing and plastering, lumber, brick work, etc.

Sub Bids Being Taken
FACTORY Cost, $60,000
EMERYVILLE, Alameda Co., Calif. 53rd and Doyle Sts.
One-story reinforced concrete and steel factory.
Owner—Axel Johnson Estate.
Architect—Not Given.
Contractor—W. K. Owens, 3145 Pleitner Ave., Oakland.
Plumbing—D. W. Durant.
Concrete—Volstead.
As previously reported, terra cotta contract awarded to N. Clark & Son, 116 Natoma St., San Francisco.
Sub bids are now being taken on electric wiring, plastering, roofing, automatic sprinkler system.

Contract Awarded
ALTERATIONS Cost, $3000
SAN FRANCISCO, Calif. SW Beale and Market Sts.
Alterations to loft building.
Owner—Enright Estate, Crocker First National Bank Bldg.
Engineer—R. J. Fisher, Crocker Bldg.
Contractor—Dinwiddie Constr. Co., Crocker Bldg.

Owner Taking Bids
ADDITION Cost, $.....
SAN FRANCISCO, Calif. 19 South Park.
Alterations to building (add room, repainting, tile work, hardwood floors, stucco work, re-decorating).
Owner—Elkington-[illegible] Mfg. Co., 19 South Park, San Francisco.
Architect—Not Given.

5— FLATS

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO, Calif. 288 Clementina Street.
Alterations to flats.
Owner—Anna La Faurie.
Architect—Not Given.
Contractor—James B. McSheehy, 137 Clifford Terrace.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $6,500
SAN FRANCISCO. SE Lombard and Broderick Streets.
Steel service station.
Owner—Union Oil Co., Mills Bldg.
Plans by Engineering Dept. of Owner
Contractor—Fred J. Early, Jr., 369 Pine Street.

Contract Awarded
ALTERATIONS Cost, $.....
SAN MATEO, San Mateo Co., Calif. San Mateo Ave. and Baldwin St.
Alterations to service station.
Owner—General Petroleum Corp., 519 19th St., Oakland.
Plans by Engineering Department of Owner.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

Contract Awarded
LUBRICATING BLDG. Cost, $.....
STOCKTON, San Joaquin Co., Calif. California and Oak Streets.
Steel lubricating building.
Owner—General Petroleum Corp., 519 19th Street, Oakland.
Plans by Engineering Department of Owner.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

Bids In—Held Under Advisement
SERVICE STATION Cost, $7,000
OAKLAND, Alameda Co., Calif. Park and Hopkins Sts.
Steel service station.
Owner—General Petroleum Company, 519 19th St., Oakland.
Plans by Eng. Dept. of Owner.
Announcement will be made within a few days.

Contract Awarded
SERVICE STATION Cost, $8,500
WATSONVILLE, Santa Cruz Co., Cal. Van Ness Ave. and Wall St.
Steel gasoline service station.
Owner—Joseph Zils, Watsonville.
Architect—Not Given.
Contractor—Friend & Resh, P. O Box 743, Watsonville.

October 14, 1936.

Planned
ALTER SERVICE STA. Cost, $.....
FAIRFIELD, Solano Co., Calif. Texas and Madison Streets.
Modernize service station.
Owner—Shell Oil Co.
Architect—Not Given.

Contract Awarded
SERVICE STATION, ETC. $12,500
CHICO, Butte Co., Calif. Seventh & Main Streets.
Service station and supply house (80 x132), concrete construction.
Owner—Firestone Rubber Co.
Plans by Engineering Department of Owner.
Contractor—W. H. Hann, Chico.

Contract Awarded
GARAGE Cost, $4,515
SALINAS, Monterey Co., Cal. Holaday Subdivision.
One-story garage building.
Owner—Langendorf United Bakeries, Inc., San Jose.
Architect—Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Contractor—W. E. Greene, 32 Willow St., Salinas.

7— FEDERAL BUILDINGS

BIDS WANTED
HOLLYWOOD, Los Angeles Co., Calif.—Until October 23, 10 a.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing electrically lighted bronze directional sign at the U. S. Post Office at Hollywood.
Plans and specifications may be obtained from Custodian of the building.

CONTRACT AWARDED
PORTLAND, Oregon.—George Isaacson & Company, Worcester Bldg., Portland, Oregon, at $78,240, awarded contract by Treasury Department for the construction of the U. S. Post Office, East Portland Station, Portland.

Preparing Working Drawings
LODGE BLDG. Cost, $50,000
VALLEJO, Solano Co., Calif. Georgia and Sonoma Streets.
2½-story and basement, reinforced concrete club building (50x100 ft.), clubrooms, banquet hall, kitchen, shower room, etc.
Owner—Vallejo Lodge of Elks.
Architect — Dodge Riedy, 821 Market St., San Francisco.
Bids will be asked in about thirty days.

Contract Awarded
POST OFFICE Cont. Pr., $57,112
SOUTH GATE, Los Angeles Co., Cal. U. S. Post Office Building.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Contractors—Campbell Construction Co., 951 S. Genesee St., Los Angeles.

Sub Contracts Awarded
POST OFFICE Cont. Price, $57,420
TRACY, San Joaquin Co., Calif. 12th and East Adams Streets.
U. S. Post Office building (two-story, 87x65-ft.), concrete walls, stone trim, tile roof, ornamental iron work, steam heat, etc.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Contractor—K. E. Parker Co., 136 So. Park, San Francisco.
Steel Rolling Door—Kinnear Mfg. Co., 361 Brannan St., San Francisco.
Steel Window—Soule Steel Co., 1750 Army St., S. F.
Vault Door — Herring - Hall - Marvin Safe Co., 210 California St., S.F.
Sheet Metal—Marson Co., Russ Bldg., San Francisco.
Tile—Donlon-Fratessa, 24 12th St., San Francisco.
Hardware—Corbin.
Insect Screens—Braun Steeple Co., 636 Potrero, San Francisco.
Plumbing & Heating—Scott Co., 243 Minna St., San Francisco.
Electric—Spencer Electric Co., Monadnock Bldg., San Francisco.
As previously reported:
Roofing—J. W. Bender Roofing & Paving Co., 1999 Bryant St., San Francisco.
Cast Stone—Western Artificial Stone Works, 666 Brannan St., San Francisco.
Hollow Metal — Price Building Specialties Co., 35 Stillman St., San Francisco.
Miscellaneous — Anchor Post Fence Co., 460 5th St., San Francisco.

Site Selected
POST OFFICE Cost, $210,000
Bel[illegible] Los Angeles Co., Calif. W. Olive Ave., bet. San Fernando Blvd. and 1st St.
U. S. Post Office Building.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Site Selected
POST OFFICE Cost, $.....
LAKEVIEW, Oregon. SE Center and G Streets.
U. S. Post Office building.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

BIDS WANTED
HOLLYWOOD, Los Angeles Co., Calif.—Until October 23, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for concrete curb in driveway and operator for roof scuttle at the U. S. Post Office at Hollywood.
Specifications may be obtained from the Custodian of the Building, Hollywood.

BIDS WANTED
SAN MATEO, Santa Clara Co., Cal. —Until Oct. 29, 10 A. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for sidewalks, gutters, etc, for the U. S. Post Office at San Mateo. Plans and specifications may be obtained from the above address or from the Custodian of the building.
No deposit required for one set of plans.

BIDS OPENED

PHOENIX, Arizona.—Lewis Bros., Phoenix, Arizona, at $1,971, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for construction of office cupboards and sink for roofing platform, walkway, etc., at the U. S. Post Office, Phoenix, Arizona. Only other bid was submitted by Public Building Contractors, Bronx, New York, at $2,050.

Bids held under advisement.

BIDS WANTED

SPRINGERVILLE, Arizona.—Until Nov. 5, 1 p.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for the construction of the U. S. Forestry, P. O., etc., building at Springerville, Arizona. Plans and specifications may be obtained from the above office.

No deposit required for one set of plans.

BIDS WANTED

WENATCHEE, Wash. — Until Oct. 28, 10 A. M., bids will be received by Procurement Division, Public Bldgs. Branch, Washington, D. C., for clearing the site for the proposed new post office building at Wenatchee.

Specifications may be obtained from above office and from the Custodian of the site, Wenatchee.

CONTRACT AWARDED

LOS ANGELES, Calif.—Kimball Bros. Co., Council Bluffs, Iowa, at $6,800 awarded contract by Veterans' Administration Facility for furnishing and installing one electric passenger elevator in the Veterans' Administration Building, Los Angeles.

CONTRACT AWARDED

WHIPPLE, Ariz.—George Bundy, 513 N 14th St., Albuquerque, N. M., at $11,554 awarded contract by Veterans' Administration Facility for metal stud, lath and plaster partitions, etc., at the Veterans' Administration Facility, Whipple.

BIDS WANTED

HOOD RIVER, Ore.—Until Oct. 30, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the U. S. Post Office at Hood River.

Plans and specifications may be obtained from above office and from the Custodian of the Building, Hood River.

CONTRACT AWARDED

MARTINEZ, Contra Costa Co., Cal. —Lombard & Ludwig, Washington, D. C., at $264 awarded contract by the Treasury Department for furnishing plaster models of the U. S. post office for Martinez.

Bids Opened

POST OFFICE Cost, $84,000
MESA, Arizona.
United States Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Low Bidder—Edmond and E. J. Pfotzer, Naco, Ariz.

Complete bids follow:

E. & E. J. Pfotzer, Naco, Ariz...$63,807
MacDonald Const. Co. St. Louis 64,553
L. F. Dow Co., Los Angeles..... 64,761
Wickes Engr. & Const. Co., Des Moines, Iowa 69,890
R. E. McKee, El Paso..... 77,000

Bids held under advisement.

Bids Wanted—To Close Nov. 17, 1 P. M.

POST OFFICE Cost, $88,000
ANACORTES, Washington.
United States Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Plans and specifications obtainable from above office.

BIDS OPENED

McMINNVILLE, Oregon.—Dougan-Hammond Const. Co., Portland, at $1-880 submitted low bid to the Public Buildings Branch, Washington, D. C., for basement changes, etc., in the U. S. Post Office, McMinnville.

Complete bids follow:

Dougan - Hammond Const. Co., Portland $1,880
Henry L. Grohne, Decatur, Ill... 2,888
Public Bldg. Contractors, Bronx, New York 3,150
B. H. Case, Norwood, Ohio..... 3,194

Bids held under advisement.

BLDG. MATERIALS APPROVED

SAN FRANCISCO.—Treasury Department approved the following building material and equipment awards for the U. S. Mint vault protection, etc., at the Mint, San Francisco. Severin Electric Company, 172 Clara Street, contractor.

Electric vault protection, watchmen's report system, and emergency alarm system, Am. District Telegraph Co.; radio equipment, R.C.A. Mfg. Co.; radio mast, J. E. Lingo & Sons.

BIDS WANTED

NOGALES, Arizona.—Until November 3, 10 a.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc., at the . S. Post Office, Nogales, Arizona.

Plans and specifications may be obtained from above office and from the Custodian of the building.

CONTRACT AWARDED

PALO ALTO, Santa Clara Co., Cal. —Anchor Post Fence Co. of Calif., 460 5th St., San Francisco, awarded contract by Treasury Department, Washington, D. C., to alter bronze work on Palo Alto Post Office.

BIDS OPENED

MARE ISLAND, Calif.—S. F. Elevator Co., 860 Folsom St., San Francisco, at $3,343.50, submitted low bid to Public Works Officer, Mare Island Navy Yard, for providing and installing new gates, safety devices and general repairs to two electric freight elevators, one located in the north end of Building No. 69, and one located in the south end of Building No. 334 at the U. S. Navy Yard, Mare Island: Spec. No. 8361.

Complete bids follow:

S. F. Elevator Co., San Francisco $3,343.50
Westinghouse Elec. Elevator Co., San Francisco..... 4,362.00
Otis Elevator Co., San Francisco 4,620.00

Bids held under advisement.

BIDS WANTED

ALCATRAZ, San Francisco Co., Calif.—Until October 20, 2 p.m., bids will be received by Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, for repairing freight elevator in Model Building, U. S. Penitentiary, Alcatraz, Calif.

Plans and specifications may be obtained from above office.

Bids will be opened at Room 214, Post Office Bldg., San Francisco.

BIDS OPENED

MARE ISLAND, Calif.—O. E. Johnson, Loleta, at $761, submitted low bid to Public Works Officer, Mare Island Navy Yard, for excavating, closing openings, covering hot water heating pipes, installing new sash in basement heating room windows in Bldg. E-1, and for miscellaneous replacements and repairs to plumbing fixtures and fittings in various buildings at the U. S. Naval Direction Finder Station, Table Bluff (Eureka); Spec. No. 8309.

Complete bids follow:

O. E. Johnson, Loleta.....$761.00
Fred J. Early, Jr., S. F..... 910.00
Fred J. Maurer & Son, Eureka..1310.00

Bids held under advisement.

8— CLUB BUILDINGS

LOW BIDDER

SANTA BARBARA, Calif. — Eric Smith, 10 E. Sola St., Santa Barbara, submitted low bid to the City of Santa Barbara, at $14,287, for construction of a grandstand and a clubhouse at the municipal tennis courts. Other bids were: A. Jensen, $14,[illegible]; Chas. Urton, $14,390; Niels Oakeson, $15,495; D. H. McQuiddy, $18,211. Leonard C. Cooke, Santa Barbara, architect.

9— HOSPITALS

BIDS OPENED

ATWATER, Merced Co., Calif.—Following submitted bids for furnishing and installing equipment for the Hospital and Nurses' Cottage on the NW corner of Grove Ave. and Third St., Atwater:

Mangrum Holbrook Co., 1235 Mission St., San Francisco (Contr. B-1)—$3,163.77.
Dohrmann Hotel Supply Co., San Francisco—$3,170.00.
Merced Furniture Co., Merced (Contr. a-1)—$4,223.31.
Kolson Equipment & Furniture Co., Los Angeles (Contr. a-2)—$3,200.32
F. W. Beecher, 149 New Montgomery St., San Francisco (Contr. includes groups 1, 2 and 3)—$6,-940.80.

Bids held under advisement.

Plans Being Revised

HOSPITAL Cost, $20,000
COALINGA, Fresno Co., Calif.
One-story and basement hollow tile fireproof hospital (15 to 18 beds) composition roof, linoleum floor covering, etc.
Owner—Pleasant Valley Hospital Association.
Architect—W. D. Coates, Rowell Bldg., Fresno.

New bids will be asked in about thirty days.

On previous bid opening the lowest bid was submitted by T. C. Irwin, Fresno, at $20,820, on general work; Frank Hudson, Fresno, at $1,952, on plumbing, and American Electric Const. Co., San Francisco, at $3,340 on electrical work.

Bids Rejected

ADDITION Cost, $16,183
WEIMAR, Placer Co., Calif.
Addition to tubercular sanatorium (frame and stucco construction).
Owner—Weimar Joint Sanatorium.
Architect — Harry Devine, Cronan Bldg., Sacramento.

Work will be done by day's labor under the supervision of the architect. It was previously reported that the contract was awarded to H. W. Robertson, Sacramento, at $16,183.

Contract Awarded

ADDITIONS Cont. Price, $2,356
NAPA, Napa Co., Calif.
Additions and improvements at Napa County Infirmary buildings (add rooms, etc.)
Owner—County of Napa.
Plans by Leroy Hunt, 928 Second St., Napa.
Contractor—Coffield and Arnitz, 429 Franklin St., Napa.

Plans Being Completed
WARD BLDG. Cost, $80,108
SPRINGVILLE, Tulare Co., Calif. Tulare-Kings Counties Joint Tubercular Sanitarium.
Frame and stucco ward building, 36-bed women's and children's ward; three 10-bed units for general patients.
Owner—County of Tulare.
Architect — Ernest Kump, Rowell Bldg., Fresno.
PWA has approved a grant of $37,800 to assist in financing. Bids will be asked shortly.

Contract Awarded
NURSES' HOME Cost, $80,000
PORTLAND, Oregon. 23rd and Marshall Sts.
Four-story and basement semi-fireproof nurses' home (44x96 ft.).
Owner—Good Samaritan Hospital.
Architect—Sutton Whitney & Aandahl, Lewis Bldg., Portland, Ore.
Contractor — Dougan-Hammond Construction Co., Rothschild Bldg., Portland, Ore.
Plumbing & Heating—H. C. Hastorf, Inc., 735 S.E. Morrison, Portland.
Electric—W. R. Grasle Co., Lumbermans Bldg., Portland.

CONTRACTS AWARDED
ATWATER, Merced Co., Calif.—F. W. Beecher Company, 149 New Montgomery St., San Francisco, at $6,940, awarded contract by Atwater City Council for furnishing and installing major equipment for the Hospital and Nurses' Cottage on the NW Cor. of Grove Ave. and Third St., Atwater.
Dohrmann Hotel Supply Co., San Francisco, awarded contract to furnish the dining rooms and kitchen equipment at $3,170.
W. E. Bedeson, engineer, Merced.
Complete bids published Oct. 12, 1936.

PREPARING PLANS
LOS ANGELES, Calif.—Architect Marshall R. Lawson; G. Waite Curtis, hospital consultant, room 810, 424 S. Broadway, Los Angeles, preparing plans for a brick industrial wing and surgical wing to be added to San Pedro General Hospital located at 1305 W. Sixth St., San Pedro. Cost, $60,000.

BIDS OPENED
SAN DIEGO, Cal.—Otis Elevator Co., 1 Beach St., San Francisco, at $165.70 submitted low bid to the 11th Naval District, San Diego, for recabling elevator in Bldg. No. 22 at the 11th Naval District Hospital, San Diego; Spec. No. 8347.
Work includes removal of present hoisting cable and furnishing and placing new hoisting cables for one existing passenger elevator in Bldg. No. 22. Only other bid was submitted by the San Diego Elevator and Electric Co., San Diego, at $176.68.
Bids held under advisement.

Contract Awarded
ADDITION Cont. Price, $30,898
RENO, Nevada.
Third wing addition to Washoe General Hospital (3-story addition, to house maternity ward and private rooms).
Owner—County of Washoe.
Architect—F. J. DeLongchamps, Gazette Bldg., Reno.
Contractor—William Kennedy, Reno, Nevada.
Complete bids published Oct. 13.

Bids Opened
ADDITION Cost, $37,000
RENO, Nevada.
Third wing addition to Washoe General Hospital (3-story addition, to house maternity ward and private rooms).
Owner—County of Washoe.
Architect—F. J. DeLongchamps, Gazette Bldg., Reno.
Low Bidder—W. M. Kennedy, Reno.

W M. Kennedy, Reno	(1)	$44,057
	(2)	40,826
	(3)	36,655
	(4)	40,608
	(5)	39,166
	(6)	32,589
J. C. Dillard, Reno	(1)	$45,352
	(2)	41,851
	(3)	36,655
	(4)	39,166
	(6)	32,589

Bids held under advisement.

10— HOTELS

October 9, 1936

SUB-BIDS WANTED
SAN FRANCISCO.—J. S. Hannah, 268 Market St., desires sub-bids on all portions of the work for the construction of the addition to the Oxford Hotel, for which bids will be opened October 22, 3 P. M.
Plans prepared by Architect H. C. Baumann, 251 Kearny St.

To Be Done By Day's Work
HOTEL COURT Cost, $36,000
EUREKA, Humboldt Co., Calif. Tydd Estate (56 acres).
Hotel (lobby, living quarters and offices), 24 auto court apts. (2 rooms and bath each), garages; crib laminated sound and fireproof, Class C construction, Redwood roofing, hydro-static sealed concrete "slab" floored foundations.
Owner—Mrs. May Gallow, Travelers Hotel, Eureka.
Architect — Newton Ackerman, Eureka.
Work to be done under architect's supervision.

SUB BIDS WANTED
SAN FRANCISCO, Calif. — W. C. Tait, 883 Market St., desires sub bids on all portions of the work for the construction of the Oxford Hotel, Turk and Mason Sts., for which bids will be opened Oct. 22, 3 P. M..
Plans prepared by Architect H. C. Baumann.

12— POWER PLANTS

BIDS OPENED
SAN FRANCISCO.—Walter S. Leland Co., Walnut Creek, at $885, submitted low bid to the Constructing Quartermaster, Fort Mason, for furnishing and installing feed water heater in power house at the Letterman General Hospital, San Francisco.
Complete bids follow:
(1) Add. if work is performed continuously for three 8-hr. shifts.
(2) Ded. if painting is omitted.

Walter S. Leland Co., S. F.		$885
	(1)	50
	(2)	25
C. C. Moore & Co., S. F.		$895
	(1)	79
	(2)	63

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED
SAN FRANCISCO, Cal.—Standard Fence Company, 1940 San Bruno Avenue, at $198.13, awarded contract by Department of Public Works for installing wire partitions with double sliding doors in basement of Taraval Police Station, 24th Ave., between Taraval and Ulloa Sts.
Complete bids follow:

Standard Fence Co.	$198.13
Eureka Iron & Wire Works	329.00
West Coast Wire & Iron Wks.	337.00
Patterson & Koster Iron Wks.	362.00

Bids held under advisement.

Planned
ALTERATIONS Cost, $——
PLACERVILLE, Eldorado Co., Cal.
Alterations and additions to courthouse (jail work, etc.)
Owner—County of Eldorado.
Architect—Not Given.

CONTRACT AWARDED
FRESNO, Calif.—McClatchy Publishing Co., at $2,726.00, awarded contract by Fresno City Council to furnish and install a public address system in the Fresno Memorial Auditorium. Complete bids published October 5th.

CONTRACT AWARDED
FRESNO, Calif.—Otis Elevator Co., 1 Beach St., San Francisco, at $3860, was awarded contract by Fresno City Council to furnish and install freight elevator in the Fresno Memorial Auditorium.

BOND ELECTION
GILROY, Santa Clara Co., Calif.—City of Gilroy will vote on October 27, on a proposal to issue bonds in the amount of $31,000, proceeds to assist in financing construction of a community auditorium in Gilroy.
Application will be filed with the PWA for a grant.
Preliminary plans prepared by Architects Binder and Curtis, 35 West San Carlos St., San Jose.

Plans Being Prepared
FIREHOUSE Cost, $27,000
SAN MATEO, Calif. Beresford District.
Two-story Class C Fire Station.
Owner—City of San Mateo.
Architect—Thomas M. Edwards, 9 Geary St., San Francisco.
Application filed with PWA for a loan and grant.

Will Ask Bids Within One Week
COTTAGE Cost, $——
MENLO PARK, San Mateo Co., Cal.
One - story frame and stucco residence (five rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Bids Wanted—To Close November 20, 12 Noon (To Be Opened At 2 P. M.
STATE CAPITOL Cost, $2,200,000
SALEM, Oregon.
Three-story State Capitol building (light stone or marble facing, grilled windows and doors), rectangular shape, approx. 400x164 ft. with cylindrical tower rising from the center section to height of 166 feet; administrative office on first floor, legislative chambers, etc., on second floor, assembly hall on third; basement to contain barber shop, cafeteria and state department work rooms.
Owner—State of Oregon.
Architect — Goodhue Livingston, 101 Park Ave., New York City.
Associated Architect—Whitehouse & Church, Railway Exchange Bldg., Portland.
Contract will include general work, electric wiring and fixtures, heating and ventilating, plumbing, including sprinkler system, fire lines, elevators, etc.
Plans and specifications may be obtained at the office of Whitehouse & Church, Railway Exchange Bldg., Portland, upon deposit of $50.00.

Sub Contract Awarded
FIREHOUSE Cont. Price, $24,732
COALINGA, Fresno Co., Calif.
Two-story firehouse.
Owner—City of Coalinga.
Architect—F. L. Swartz, Brix Bldg., Fresno.

Contractor—Midstate Constr. Co., 245 Clinton St., Fresno.
Ornamental Iron & Bronze—Anchor Post Fence Co. of Calif., 460 5th St., San Francisco.

CONTRACT TO BE AWARDED
SAN DIEGO, Calif.—B. O. Larsen, 1340 E St., San Diego, at $626,000, will probably be awarded contract by City and County of San Diego for completing the city-county office building at new San Diego civic center. The award will be made on Larsen's basic bid of $449,900 for the structural part of the building and exterior finish, with the following additions: Rough plumbing and drains, $24,000; wrought-iron pipe, $569; cast-iron pipe, $1000; rough heating and ventilating, $23,000; rough electrical work, $16,000; two elevators, $43,000; partitions, $30,800; marble work, $14,000; incinerator, $800; basement floor, $13,000; steps, $10,500; vault ventilators, $500. From the total of these figures $3000 is to be deducted as the contractor's allowance for rental of WPA equipment now on the job and $2000 for the steel window alternate.

CONTRACT AWARDED
SAN FRANCISCO.—Otis Elevator Co., 1 Beach St., at $2,492, awarded contract by Department of Public Works for replacing ball bearings of Gearless elevators in the City Hall.

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $.....
WOODSIDE, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (13 rooms, 5 baths).
Owner—Phillip Neill.
Architect — Clarence Tantau, Shreve Bldg., San Francisco.
Contractor — Charles Stockholm & Son, Russ Bldg., San Francisco.

Preparing Working Drawings
RESIDENCE Cost, $.....
PALO ALTO, Santa Clara Co., Calif. Hamilton Ave.
Two-story frame and stucco residence (6 rooms, 3 baths), hardwood floors, tile baths, double detached garage, shingle roof.
Owner—H. L. Kertz.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

Plans Being Figured — Bids Close October 28, 12 Noon
RESIDENCE Cost, $.....
SAN FRANCISCO, Calif. St. Francis Wood, San Pablo Way.
Two-story frame and stucco residence (6 rooms, 3 baths), Redwood siding, plaster walls and ceilings, wood sash, gas hot air heating system, semi-detached double garage.
Owner—Lloyd L. Thomas.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

Preparing Working Drawings
RESIDENCE Cost, $.....
MENLO PARK, San Mateo Co., Calif.
One-story frame and stucco residence (6 rooms, 2 baths), wood shingle roof, hardwood floors, tile baths, etc.
Owner—N. T. Nowell.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

SUB BIDS WANTED
SAN FRANCISCO.—Oliver M. Rousseau, 321 Kearny St., desires sub bids on all portions of the work for the construction of the P. A. Taylor residence, San Francisco, for which bids will be opened October 19, 3 p.m.
Plans prepared by Architect M. J. Rist.

To Be Done By Day's Work
RESIDENCE Cost, $4,200
SAN FRANCISCO, Calif. W. 25th Ave., S Kirkham St.
One-story frame and stucco residence (6 rooms and social hall), terrazzo steps, oak floors, tile bath and kitchen, colored plumbing fixtures, hot air gas furnace, garage.
Owner & Builder—Gust L. Peterson, 229 Bonview, San Francisco.
Plans by L. O. Berg, 369 Mills Bldg., San Francisco.
Sub bids will be taken shortly.

SUB BIDS WANTED
SAN FRANCISCO.—Oliver M. Rousseau, 321 Kearny St., desires sub bids on all portions of the work for the construction of the Rosa Diehl residence, Belgrave Ave., near Stanyan St., for which bids will be opened October 26, 3 p.m.
Plans prepared by Architect M. J. Rist.

Contract Awarded
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Calif. 5945 Johnston Drive.
One-story frame and stucco residence (6 rooms).
Owner—G. L. Down, 6766 Broadway Terrace.
Architect—Ray Keefer, 585 Mandona Blvd.
Contractor—Chas. Ungaretti & Son, 1727 Foothill Blvd.

Contract Awarded
RESIDENCE Cost, $8,500
SAN FRANCISCO, Calif. Santa Clara and Monterey.
One-story and basement frame and stucco residence.
Owner—George C. Sivley, 220 Vasquez.
Architect—Masten & Hurd, 233 Post Street.
Contractor—M. A. Little, 107 24th Avenue.

Contract Awarded
RESIDENCE Cost, $6,500
SAN FRANCISCO, Calif. E. Beaumont, N Turk.
Two-story and basement frame and stucco residence.
Owner—C. Peterson, 130 Borica.
Architect—John Davis Young, 2002 California.
Contractor—Herman C. Hogrefe, 359 24th Ave.

Plans Being Figured — Bids Close October 19
RESIDENCE Cost, $5,500
BERKELEY, Alameda Co., Calif. Miller and Stevenson Aves.
One-story and basement frame residence (5 rooms), double garage, central furnace, linoleum in kitchen and bath, knotty pine finish in bedrooms, exposed beams in living room and dining room.
Owner—A. K. White.
Architect—James T. Narbett, 462 31st St., Richmond.

Contract Awarded
RESIDENCE Cost, $6,500
SANTA ROSA, Sonoma Co., Calif.
One-story and basement frame and stucco residence (6 rooms), shingle roof, gas hot air heating system, wood sash.
Owner—Mr. McHugh.
Architect — John Easterly, Healdsburg and Santa Rosa.
Contractor—Carl Sullivan, Glen Ellen, Santa Rosa.

Contract Awarded
RESIDENCE Cost, $20,000
CHICO, Butte Co., Cal. The Esplanade bet. 4th and 5th Streets.
Two-story residence (rustic exterior, brick and tile chimneys, shingle roof, etc.)
Owner—E. L. Adams, Chico.
Architect—Not Given.
Contractor—Floyd Hann, Chico.

Contract Awarded
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 1133 ForestAvenue.
Two - story frame, stucco and brick veneer residence.
Owner—Roscoe M. Price, 428 Ruthven St., Palo Alto.
Architect—Not Given.
Contractor—Philip Darr, 131 Park Blvd., Palo Alto.

Contract Awarded
RESIDENCE Cost, $9,000
PALO ALTO, Santa Clara Co., Calif. 2160 Bryant Street.
Two - story frame and rustic residence.
Owner—Herbert S. Henderson.
Architect—Not Given.
Contractor—E. A. Anderson, 1177 DeHaro St., San Francisco

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 2526 Cordova Street.
One-story and basement frame and stucco residence (6 rooms).
Owner & Builder—J. W. Scammell, 3161 FFruitvale Ave., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 2515 Maxwell Ave.
Two-story frame and stucco residence (6 rooms).
Owner—E. E. Munson, 2521 Maxwell Ave., Oakland.
Architect—Not Given.
Contractor—D. Nicholson, 550 Blossom Way, San Leandro.

Contract Awarded
RESIDENCE Cost, $6,500
PALO ALTO, Santa Clara Co., Calif. 1845 Fulton Street.
One - story frame and stucco residence and garage.
Owner—Howard Hansen, 238 Ramona St., Palo Alto.
Architect — Furber Libby, Redwood City.
Contractor — W. P. Goodenough, 569 Lowell Ave., Palo Alto.

To Be Done By Day's Work
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Calif. 5919 Avaca Street.
Two - story frame and stucco residence (five rooms).
Owner and Builder — M. P. Brasch, 1600 Mountain Blvd.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $12,508
PALO ALTO, Santa Clara Co., Calif.
Two - story frame and stucco residence.
Owner—Robert Weinstock, 1129 Cowper St., Palo Alto.
Architect—Leslie I. Nichols, 532 Emerson St., Palo Alto.
Contractor—Edward J. Schmaling 863 Melville Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $6,000
BURLINGAME, San Mateo Co., Cal.
One - story frame and stucco residence.
Owner—Ralph W. Riddle.
Architect—Not Given.
Contractor — Wallace Waterhouse, 1235 Shafter St., San Mateo.

Contract Awarded
RESIDENCE Cost, $7,500
BURLINGAME, San Mateo Co., Cal. Burlingame Ave.
One - story frame and stucco residence.

Owner—William Strout.
Architect—Not Given.
Contractor—Harry Kime, 118 12th San Mateo.

Contract Awarded
RESIDENCE Cost, $9,000
BURLINGAME, San Mateo Co., Cal. 512 Nevada.
One - story frame and stucco residence.
Owner—H. W. Cross, 429 Nevada, San Mateo.
Architect—Not Given.
Contractor—Geo. W. Williams, 315 Primrose Road, Burlingame.

Contract Awarded
RESIDENCE Cost, $9,000
BURLINGAME, San Mateo Co., Cal. Fairfax Avenue.
One - story frame and stucco residence.
Owner—J. H. Delaney.
Architect—Not Given.
Contractor—Geo. W. Williams Co., 315 Primrose Road, Burlingame.

Contract Awarded
RESIDENCE Cost, $5,000
SACRAMENTO, Sacramento Co., Cal. 2732 13th St.
One - story frame and stucco residence.
Owner—Domenick Bol, 520½ 20th St Sacramento.
Architect—Not Given.
Contractor—M. F. Terra, 2315 9th St., Sacramento.

Contract Awarded
RESIDENCE Cost, $8,500
SAN FRANCISCO, Calif. Mountain Spring & Stanyan Sts.
Two-story and basement frame and stucco residence.
Owner—John H. Green, 85 Vasquez Avenue.
Architect—Not Given.
Contractor—Frank E. Nelson, Inc., 2 Edgehill Way.

Contract Awarded
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Calif. Poplar and Cragmont.
Two-story frame and stucco residence.
Owner—Care of Contractor.
Architect—Not Given.
Contractor—Millar White Construction Co., 306 15th Street, Oakland.

Contract Awarded
RESIDENCE Cost, $10,000
ARLINGTON ESTATES, Contra Costa Co., Calif. Arlington Ave.
Two-story frame and stucco residence, tile roof, hardwood floors, tile baths.
Owner—Care of Contractor.
Architect—Not Given.
Contractor—Millar White Construction Co., 306 15th St., Oakland.

Contract Awarded
RESIDENCE Cost, $15,000
HILLSBOROUGH, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (8 rooms, 3 baths), slate roof, hot air heating system, wood sash, hardwood floors, tile baths, brick terraces, etc.
Owner—W. M. Rosenblum.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor—Mills Construction Co., Russ Bldg., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Calif. 320 Palo Alto Ave.
Two - story frame and stucco residence and garage.
Owner—F. G. Thomas, 25 Middlefield Road, Palo Alto.
Architect—Not Given.
Contractor—Gus Meister, 965 Lincoln Ave., Palo Alto.

Plans Being Figured—Bids Close October 26, 12 Noon.
RESIDENCE Cost, $15,000
HOLLYWOOD, Los Angeles Co., Cal.
Two-story frame residence (9 rooms, 4 baths) wood sash, gas furnaces, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Fred H. Reimers, 233 Post St., San Francisco.

Contract Awarded
ADDITION Cost, $2,500
LAFAYETTE, Contra Costa Co., Cal.
Addition to residence (adobe const.)
Owner—Harry Hindman.
Architect—B. Reede Hardman, 2068 Allston Way, Berkeley.
Contractor—Paul Seemans, Walnut Creek.

BIDS OPENED
MODESTO, Stanislaus Co., Cal.—A. E. Russell, 731 Kenwood Avenue, Turlock, at $2,100 submitted low bid to the Modesto Irrigation District for the construction of a ditch tender's house.
Complete bids follow:

A. E. Russell, Turlock	$2,100
Hilton & Wolf	2,150
W. H. Johnson, Modesto	2,314
Jarvin Brothers	2,667

Bids held under advisement.

Contract Awarded
RESIDENCE Cost, $7,000
EMERALD LAKE, San Mateo Co., Calif. Summit Drive.
One - story frame and stucco residence.
Owner—M. J. Laurence.
Architect—Not Given.
Contractor—V. L. Stewart, 626 Homer Ave., Palo Alto.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Cal. 983 Park Lane.
Two - story frame and stucco residence (7 rooms).
Owner & Builder—David Kesti, 2217 Brown St., Berkeley.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Calif. 101 Alta Road.
Two - story frame and stucco residence (6 rooms).
Owner and Builder—Morgensen Bros. 5664 Broadway, Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Cal. 4022
One - story frame and stucco residence (6 rooms).
Owner and Builder—L. Pryor, 2019 34th Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Cal. 6110 Buena Vista Avenue.
One - story frame and stucco residence (6 rooms).
Owner and Builder—Paul H. Haller, 6221 Buena Vista Ave., Oakland.
Architect—Not Given.

Sub-Bids Being Taken
RESIDENCES Cost, $——
SAN FRANCISCO. S Marina Blvd. W Broderick Street.
Two 3-story and basement frame and stucco residences (9 rooms and 4 baths each).
Owner and Builder—Ben Liebman, 1555 Francisco Street.
Plans by J. W. Golstine, 1200 Oak.

Plans Being Prepared.
RESIDENCE Cost, $6,500
PASATIEMPO, Santa Cruz Co., Cal.
One - story frame and stucco residence (5 rooms) shake roof, etc.
Owner—Withheld.
Architect—K. E. Ponsford, 900 Creed Road, Oakland.
Bids will be asked in one week.

To Be Done By Day's Work
RESIDENCE Cost, $9,000
OAKLAND, Alameda Co., Calif. 5000 Maxwelton Road.
Two-story frame and stucco residence (7 rooms).
Owner & Builder—J. A. Stroud, Jr., 370 17th St., Oakland.
Architect — Chester Treichel, 696 Cleveland Ave., Oakland.

Plans Being Figured
RESIDENCE Cost, $9,000
WILLOW GLENN, Santa Clara Co., Calif.
One-story frame and stucco residence (6 rooms), gas furnace, hardwood floors, tile bath, etc.
Owner—Henry Rondoux.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.

Contract Awarded
STORE BLDG. Cont. Pr., $6,295
WILLOW GLENN, Santa Clara Co., Calif.
One-story reinf. concrete and brick store building.
Owner—S. Gillwell.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Contractor—E. O. Erbentraut, 82 Hollywood Ave., San Jose.

To Be Done By Day's Work
RESIDENCES Cost, $4000 ea.
SAN FRANCISCO. S Mangels, East Genessee.
Seven one - story and basement frame and stucco residences.
Owner and Builder—Rudolph Mohr & Sons, 4482 Mission St.
Architect — Martin Sheldon, Monadnock Bldg.

Contract Awarded
RESIDENCE Cost, $16,725
HILLSBOROUGH, San Mateo Co., Calif. Willow Road.
Two-story frame and stucco residence.
Owner—Thomas F. Ryan, 1875 Willow Road, Hillsborough.
Architect—Not Given.
Contractor—J. B. Oswald, 1115 Industrial Ave., Burlingame.

To Ask Bids Within One Week
RESIDENCE Cost, $.....
MENLO PARK, San Mateo Co., Cal.
One-story frame and stucco residence (5 rooms), shake roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—R. L. Flint.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.

Contract Awarded
ALTERATIONS Cost, $4,878
SAN FRANCISCO. NE 11th and Natoma Streets.
Alterations and additions to 2-story frame store building.
Owner—Emil F. and Florence M. Hillman, 103 Ashbury Street.
Architect—Charles F. Strothoff, 2274 15th Street.
Contractor—Robert McCarthy, 1363 14th Ave.

Plans Being Figured — Bids Close October 26, 3P. M.
RESIDENCE Cost, $.....
SAN FRANCISCO, Calif. Belgrave Av., near Stanyan St.
One-story frame and stucco residence (6 rooms), shingle tile roof,

hot air heating system, hardwood floors, tile bath, garage.
Owner—Rosa Deal.
Architect—M. J. Rist, Phelan Bldg., San Francisco.
Following will submit bids:
Sherwood Building Co., 39 Sutter St.
Mager Bros. & Son, 1359 4th St.
Oliver M. Rousseau, 321 Kearny St.
O. C. Kaffka, 50 San Gabriel Ave.
F. H. Field, 2370 Sutter St.
Jacks & Irvine, 620 Market St.

Plans Being Figured — Bids Close October 19, 3 P. M.
RESIDENCE Cost, $.....
SAN FRANCISCO.
Two-story and basement frame and stucco residence (8 rooms).
Owner—Mr. Taylor.
Architect—M. J. Rist, Phelan Bldg.
Following will submit bids:
G. P. W. Jensen, 320 Market St.
D. B. Gladstone, 557 Market St.
Sherwood Building Co., 39 Sutter St.
Oliver M. Rousseau, 321 Kearny St.
Hannah & Wooldridge, 268 Market St.
Jacks & Irvine, 620 Market St.

Sub Bids Being Taken
RESIDENCES Cost, $6,000-$7,000
SAN FRANCISCO. Pinelake Park.
Five one - story and basement frame and stucco residences (5 and 6 rooms, with social), French and Monterey style; tile and composition roofing, gas heating systems, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—D. E. Jaekle, 126 Post St.

Sub Bids Being Taken
RESIDENCE Cost, $12,500
ROSS, Marin Co., Calif. Del Mesa Tract.
Two-story frame and stucco residence (9 rooms and 4 baths), Monterey Colonial style, split shake roof, plaster walls and ceilings, gas hot air heating system.
Owner & Builder—Harrison & Traxler, 9 Sutter St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cont. Pr., $14,547
STOCKTON, San Joaquin Co., Calif.
Two - story frame and brick veneer residence (7 rooms, 2 baths), tile baths, shingle roof, oak floors.
Owner—Withheld.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Contractor—B. T. Parsons, Route 4, Box 305, Stockton.
Complete bids follow:

B. T. Parsons	$14,547
T. E. Williamson	14,551
M. A. Orcutt	14,888
C. E. Totten	15,495
W. J. Scott	15,750

All of Stockton.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 5885 Heron Drive.
One-story and basement frame and stucco residence (6 rooms).
Owner—A. A. Asmundson, 3208 Lake Shore Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland.

CONTRACT AWARDED
LOS ANGELES, Calif.—L. D. Richardson & Co., 9437 Santa Monica Blvd., Beverly Hills, awarded contract to erect 60-room, brick and concrete dwelling at 10,644 Bellagio Road for Mrs. Hilda Boldt Weber, owner, 755 Stradella Road, West Los Angeles District; J. E. Dolena, architect; 167x174 feet; copper roof, metal lath and plaster, incinerator, overhead garage doors, drinking water filter, steel sash, tile and marble work, vault door, refrigeration room, dumbwaiter, elevator, tile baths and showers, reinforcing and structural steel; cost, $191,000.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 5924 La Salle Ave.
One-story and basement frame and stucco residence (5 rooms).
Owner—Jos. A. Trotter.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKellop Road, Oakland.

Planned
RESIDENCES Cost, $.....
MENLO PARK, San Mateo Co., Cal. (Felton Gables.)
Group of residences.
Owners & Builders—Jerome Draper & Co., 1463 Burlingame Ave., Burlingame.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Cal. 1864 Greenock Avenue.
Two - story frame and stucco residence (6 rooms).
Owner—H. S. Garetson, 1955 Leavenworth Street.
Architect—C. H. Treichel, 696 Cleveland St., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
SAN FRANCISCO. W Junipero Serra, N Ocean Avenue.
Two-story and basement frame and stucco residence.
Owner and Builder—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $10,000
STOCKTON, San Joaquin Co., Calif. 236 E Euclid.
Two - story frame and stucco residence and garage.
Owner—Dr. Clarence S. Ing, California Bldg., Stockton.
Architect—Not Given.
Contractor—C. I. Carlson, 807 N Madeson St., Stockton.

To Be Done By Day's Work
RESIDENCES Cost each, $4,000
SAN FRANCISCO. N Gilman West Hawes Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—Richard Delucchi, 3275 San Bruno Avenue.
Architect—W. E. Huson, 2808 Pierce Street.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. W 23rd Ave., N Lawton Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—C. T. Lindsay, 140 Duboce Ave.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $12,500
FRESNO, Fresno Co., Cal. 2490 Van Ness Avenue.
Two - story frame and stucco residence.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
MILLBRAE, San Mateo Co., Calif Ashton Avenue.
Two one-story frame and stucco residences.
Owner and Builder—H. Christensen, Premises.
Architect—Not Given.

Sub Contracts Awarded
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Calif. 798 Creston Ave.
Two-story frame and rustic residence (6 rooms).
Owner—R. P. Graves, 956 Indian Rock, Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—J. M. Walker, 1109 Grove St., Berkeley.
Roofing — Harvey Grange & Co., Berkeley.
Plumbing—Suendermann Co., 921 University Ave., Berkeley.
Electric Wiring—2421 23rd Avenue, Oakland.
Heating—Aladdin Heating Corp., 5107 Broadway, Oakland.
Sheet Metal—Bertel Mork, 1606 10th St., Berkeley.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Hardwood Floors—Castle & Carlson, 273 Mather St., Oakland.
Brick & Stone Work—W. H. Wisheropp, 3749 Quigley St., Oakland.
Grading—J. Henry Harris, 2522 McGee Ave., Berkeley.
Lumber & Mill Work—Tilden Lumber Co., ft. of University, Berkeley.
Hardware—Berkeley Hardware Co., 2154 University, Berkeley.
Painting—Blomgren Bros., 1927 Russell St., Berkeley.
Lathing & Plastering—Scott & Speer, 1431 Northside Ave., Berkeley.
Foundations & Concrete—Ed. Johnson, Berkeley.

15— SCHOOLS

Planned
ADDITION Cost, $180,000
CAMPBELL, Santa Clara Co., Calif.
Addition to high school.
Architect—W. H. and Richard Weeks, 593 Market St., San Francisco.
Application will be filed with the PWA for a grant of $80,000, and, if approved, a bond election in the amount of $100,000 will be held.

Plans Awaiting Approval
SCHOOL Cost, $7,000
POLLOCK PINES, Eldorado Co., Cal.
One-story frame school building (one classroom).
Owner—Cedargrove School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans are awaiting the approval of the school board.

Plans Approved
GYM. and POOL Cost, $155,000
DALY CITY, San Mateo Co., Calif.
One-story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring), reinforced concrete swimming pool (40x75 feet).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Mechanical and Electrical Engineer—Robert L. St. John, 544 Market St., San Francisco.
PWA approved grant of $69,545.
Plans have been approved by State Division of Architecture, Sacramento, and bids will be asked shortly.

LOW BIDDER
LOS ANGELES, Cal.—T. A. Beyer Corp., 533 Chamber of Commerce Bldg., Los Angeles, submitted low bid to Los Angeles board of education at $201,849 for a two-story reinforced concrete main building to be erected at Vermont Avenue school, 2649 S. Vermont Ave. S. Nibecker, Jr., architect.

Plans Awaiting Approval
SCHOOL Cost, $16,350
ORANGEVILLE, Sacramento Co., Calif.
One-story frame and stucco school (four classrooms).
Owner—Orangeville School District.
Architect—Chas. F. Dean, California Life Bldg., Sacramento.
Plans have been forwarded to State Division of Architecture, and upon approval, bids will be asked.
PWA approved grant of $7,380.

CONTRACT AWARDED
LOS ANGELES, Calif.—Weymouth Crowell Construction Co. and Robert S. Campbell, 2104 E. 15th St., awarded contract by Los Angeles board of education, at $573,700, for new two-story reinf. concrete library, chemistry and biology buildings to be erected at Los Angeles junior college, 855 N. Vermont Ave. Allison & Allison, architects; Franklin N. Ropp, structural engineer.

LOW BIDDER
LOS ANGELES, Cal.—Wm. C. Crowell, 495 S Broadway, Pasadena, submitted low bid at $391,790 (Bid No. 1) for reinforced concrete administration, classroom, domestic science, physical education and shop buildings to be erected at Lincoln Park District junior high school, 3311 N. Figueroa St. Myers Bros., 3407 San Fernando Rd., were low on Bid No. 2 at $361,752, which does not include shop building. John C. Austin and Frederic M. Ashley, architects; G. H. Schulte, structural engineer; Ralph E. Phillips, mechanical engineer; C. A. Sanborn & Co., electrical engineers.

CONTRACT AWARDED
LOS ANGELES, Calif.—Campbell & Kelley, 340 Byrne Bldg., at $131,-393, awarded contract by Los Angeles board of education for construction of two-story reinf. concrete classroom building to be erected at Hobart Boulevard School, 980 S. Hobart Blvd. Arthur E. Harvey, architect; Laurence J. Waller, structural engineer, and E. L. Ellingwood, mechanical engineer.

LOW BIDDER
LOS ANGELES, Calif.—Campbell & Kelly, 340 Byrne Bldg., submitted low bid to Los Angeles board of education, at $122,258, for two-story reinforced concrete classroom building to be erected at Hobart Boulevard school, 980 S. Hobart Blvd. Arthur E. Harvey, architect; Laurence J. Waller, structural engineer, and E. L. Ellingwood, mechanical engineer.

LOW BIDDER
LOS ANGELES, Cal.—R. E. Campbell, 711 Central Bldg., submitted low bid to Los Angeles board of education, at $265,355, for new reinf. concrete assembly building and alterations and additions to existing shop building at Thomas Jefferson high school, 1319 East 38th St. Morgan, Walls & Clements, architect; Edwin F. Rudolph, structural engineer, and E. L. Ellingwood, mechanical engineer.

PLANNED
FRESNO, Calif.—Fresno Board of Education is contemplating installing an air-conditioning system in the administration building if funds are available. Estimated cost, $7,780.

Contract Awarded
RECONST. SCHOOL Cont. Pr., $41,600
SAN LEANDRO, Alameda Co., Calif. Dowling Blvd., bet. E. Merle St. and Mitchell Avenue.
Reconstruction of the existing unit (6 classrooms and several administration units at Roosevelt School; wood frame and stucco construction.
Owner—San Leandro School District.
Architect — George Klinkhardt, 1801 Bank of America Building, Oakland.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor — Villadsen Bros., 2059 Webster St., Oakland.
Complete bids published Oct. 12th.

BONDS VOTED
MOJAVE, Kern Co., Calif.—Mojave Elementary School District voted bonds in the amount of $90,000 on October 12, proceeds to finance construction of an elementary school building at Mojave.
Preliminary plans prepared by Edwin J. Symmes, architect.

Plans Completed
SCHOOL Cost, $23,000
SALINAS, Monterey Co., Calif.
School building (first unit), 2 classrooms, auditorium, toilets, etc. Wood frame construction.
Owner—Santa Rita School District.
Architect—C. J. Ryland, Monterey and Carmel
Bids to be asked shortly.

Bids Wanted — To Close November 4, 7:30 P. M.
SCHOOL Cost, $360,000
PALO ALTO, Santa Clara Co., Calif. Middlefield Rd. and Santa Arita.
Two-story reinforced concrete Junior High School to accommodate 1,-000; administration office, 27 classrooms, boys' and girls' gymnasium, auditorium to seat 1000; cafeteria to accommodate 600, and library.
Owner—Palo Alto School District.
Architect—Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Bids are being taken on a general contract, including plumbing, heating and electrical work.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Bids Wanted — To Close October 31, 8 P. M.
ADDITIONS Cost, $25,350
WATSONVILLE, Santa Clara Co., Calif.
One-story frame and stucco addition to Roache School (5 classrooms), plaster interior partitions, composition shingle roofing, Oregon pine flooring, hot air heating system, gas furnace, etc.
Owner—Roache School Dist. (Chris. V. Kostaras, Clerk).
Architect—A. W. Story, Pajara Valley Bank Bldg., Watsonville.
Plans and specifications may be obtained from the architect upon deposit of $25.

Preparing Plans
RECONST. SCHOOL Cost, $89,336
CROCKETT, Contra Costa Co., Calif.
Reconstruction of Carquinez Grammar School.
Owner—Carquinez Elementary School District.
Engineer—Dewell & Earl, 55 New Montgomery St., San Francisco.
PWA approved grant of $40,201.

Plans Awaiting PWA Approval
ADDITION Cost, $18,000
GREENFIELD, Monterey Co., Calif.
One - story frame and stucco addition to high school.
Owner—Greenfield Union High Sch. District.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Upon approval of plans, bids will be asked.

To Ask Bids Shortly
SCHOOL Cost, $29,100
TULELAKE, Siskiyou Co., Calif.
One-story frame school building(six classrooms), wood siding, etc.
Owner—Tulelake School District.
Architect—Howard Perrin, Klamath Falls, Oregon.
PWA has approved loan and grant to finance the project.

BIDS WANTED
NAPA, Calif.—Until October 26, 8 p.m., bids will be received by Sutro Frost, Clerk of the Board of Trustees of the Napa Union High School District, for the construction and installation of a heating system in the Napa Union High School gymnasium.
Plans and specifications may be obtained from the office of the Principal of the Napa Union High School District.

Planned
ROOFING Cost, $7,000
SAN JOSE, Santa Clara Co., Calif. State Teachers College.
New roofing on men's gymnasium at State Teachers' College.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Grant Approved
SCHOOL Cost, $112,200
LINDSAY, Tulare Co., Calif.
New school building.
Owner—Lindsay School District.
Architect—H. L. Gogerty, 6272 Yucca St., Hollywood.
PWA has approved grant of $52,-000.

BIDS OPENED
SAN LEANDRO, Alameda Co., Calif.
RECONST. SCHOOL Cost, $50,000
Dowling Blvd., bet. E. Merle St. and Mitchell Avenue.
Reconstruction of the existing unit (6 classrooms and several administration units at Roosevelt School; wood frame and stucco construction.
Owner—San Leandro School Dist.
Architect— George Klinkhardt, 1801 Bank of America Bldg., Oakland.
Structural Engineer—H. J. Brunnler, Sharon Bldg., San Francisco.
Low Bidder — Villadsen Bros., 2059 Webster St., Oakland.
Complete bids follow:
Villadsen Bros, Oakland.....$41,600
C. N. Swenson Co., San Jose 47,000
George J. Maurer, Piedmont.... 47,494
George Swanstrom, Oakland.... 47,967
Leo Epp, San Francisco..... 49,877
Bids held under advisement.

BONDS VOTED
PORTERVILLE, Tulare Co., Calif. —Porterville Elementary School District voted bonds in the amount of $84,000 on October 6, proceeds to finance construction of an elementary school to contain seven classrooms, library and administrative offices, six special rooms, sewing, domestic science, manual training and music rooms.
Application has been filed with the PWA for a grant toward a total cost of $140,000.

Contract Awarded
STORE Cost, $12,000
VALLEJO, Solano Co., Calif. South Tennessee St., bet. Tuolumne & Ventura.
One-story frame and stucco store building (7 stores).
Owner—W. Elliott, 829 Sutter Street, Vallejo.
Plans by Wm. Franke, 308 Kentucky St., Vallejo.
Contractor—Wm. Franke, 308 Kentucky St., Vallejo.

To Ask Bids Within a Few Days
ADDITION Cost, $78,000
LEMOORE, Kings Co., Calif.
One-story frame addition to elementary school (tile roof), add ten classrooms, etc.
Owner—Lemoore Elementary School District.
Architect — Ernest J. Kump, Rowell Bldg., Fresno.

BOND ELECTION
BUTTE COUNTY, Calif.—Bangor Union School District will vote on October 28 on a proposal to issue bonds in the amount of $4,500, proceeds to finance construction of a school building.

Plans Being Prepared
SCHOOL Cost, $100,000
FRUITRIDGE, Sacramento Co., Cal.
Two-story frame elementary school (12 classrooms, large assembly hall).
Owner—Fruitridge School District.
Architect—Charles Dean, Calif. State Life Bldg., Sacramento.
Application filed with PWA for loan and grant to assist in financing.

BIDS REJECTED
LOS ANGELES, Calif.—Los Angeles board of education rejected all bids for two story reinf. concrete building to be erected at Latona Avenue school, 625 E. Avenue 43, due to error in the low bid of $99,600 submitted by Byerts & Dunn. A. S. Niebecker, Jr., architect. Orville L. Clark, architect; Manley W. Sahlberg and C. A. Sanborn & Co., mechanical engineers.

CONTRACT AWARDED
LOS ANGELES, Calif.—Wm. C. Crowell, 495 S. Broadway, Pasadena, at $399,790, awarded contract by Los Angeles board of education for reinf. concrete administration, classroom, domestic science, physical education and shop buildings to be erected at Lincoln Park District junior high school, 3311 N. Figueroa St. John C. Austin and Frederic M. Ashley, architects; G. H. Schulte, structural engineer; Ralph E. Phillips, mechanical engineer, and C. A. Sanborn & Co., electrical engineers.

BIDS WANTED
LOS ANGELES, Calif.—Until October 23, 2 p.m., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for steel frame school plant to be erected at Tujunga District high school, 10,629 Plainview Ave., Tujunga. William V. Kernan, architect; Murray Erick, structural engineer, and Ralph E. Phillips, mechanical engineer.

BIDS WANTED
LOS ANGELES, Calif.—Until October 21, 2 p.m., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., Los Angeles, for one-story reinf. concrete physical education building to be erected at North Hollywood high school, 5231 Colfax Ave., North Hollywood. R. D. McPherson, architect; William D. Coffey, structural engineer, and E. L. Ellingwood, mechanical engineer.

BIDS WANTED
LOS ANGELES, Calif.—Until October 22, 2 p.m., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for one-story reinf. concrete building to be erected at Washington Boulevard school, 1925 S. Budlong Ave. W. F. Ruck, architect; S. B. Barnes, structural engineer, and Robert M. Storms and Clayton T. Gibbs, mechanical engineers.

LOW BIDDER
LOS ANGELES, Calif.—William J. Shirley, 1124 S. Vermont Ave., submitted low bid to Los Angeles board of education, at $87,789, for two-sty. reinf. concrete physical education building at Thomas Starr King junior high school, 1400 Myra Ave. Paul R. Williams, architect; W. E. Wilson, structural engineer, and Holmes & Narver, mechanical engineers.

16—BANKS, STORES AND OFFICES

Plans Being Completed
ALTERATIONS Cost, $.....
FALL RIVER MILLS, Shasta Co., Calif.
Alterations for branch bank (new bank fixtures, painting, interior and exterior, etc.).
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Construction Department of Owner.
Bank fixture bids will be asked in about one week.

Plans Being Completed
ALTERATIONS Cost, $.....
BIEBER, Lassen Co., Calif.
Alterations for branch bank (new bank fixtures, painting interior and exterior, etc.).
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Construction Department of Owner.
Bank fixture bids will be asked in about one week.

Planned
BANK Cost, $.....
FAIRFIELD, Solano Co., Calif. Texas and Webster Streets.
New Bank (50x150 ft).
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Construction Department of Owner.
A sixty-day option has been taken on the property.

Contract Awarded
STORE & OFFICES Cost, $7,500
MILLBRAE, San Mateo Co., Calif. El Camino Real.
One - story frame and stucco store and office building.
Owner—Dr. J. Paul Sweeney, Millbrae.
Architect—Not Given.
Contractor—J. Kempthorne, % owner.

Contract Awarded
ALTERATIONS Cost, $9,449
OAKLAND, Alameda Co., Calif. 12th and Washington Sts.
Alterations to building.
Owner—Oakland Masonic Temple Association.
Engineer—H. B. Hammel, 381 Bush St., San Francisco.
Contractor — A. Nelson, Inc., 242 Ocean Ave., San Francisco.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO, Calif. 725 Mission St.
Alter store.
Owner—New England Mutual Life Ins. Co., Flatiron Bldg.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina St.

Contract Awarded
STORE Cost, $6,000
OAKLAND, Alameda Co., Cal. 8419 East 14th Street.
One-story store.
Owner—John Viera, 1726 87th Ave., Oakland.
Architect—Not Given.
Contractor—A. A. McDonald, 3136 Rawson St., Oakland.

Sub Bids Being Taken
STORES AND APARTMENTS Cost, $.....
SAN FRANCISCO, Calif. N. Taraval, E of 15th Ave.
Two-story frame building (2 stores and two 3-room apartments), composition and terra cotta tile roof; floor furnaces; tile baths and kitchens.
Owner—Carl F. Wagner, care Architect.
Architect—Otto G. Hintermann, 126 Post St., San Francisco.
Contractor—Joseph A. Anderson, 2321 Cecelia Ave., San Francisco.

Contract Awarded
ALTERATIONS Cost, $.....
SAN FRANCISCO. W Powell Street, bet. O'Farrell and Ellis.
Alterations to two-story and basement building.
Owner—H. Drake Corp., care Hugo Edward and R. D. Keil, Phelan Building.
Architect—Frederick Quandt, Phelan Building.
Contractor—Paul K. Jones, 666 Mission St., San Francisco.

Plans Being Completed
STORE Cost, $20,000
VISALIA, Tulare Co., Calif. Main St. and Encina Ave.
One-story reinf. concrete and brick store bldg.
Owner—Jake Cooper, 501 S. Willis St., Visalia.
Architect—David H. Horn, 433 Rosell Bldg., Fresno.
Bids will be asked about Oct. 20.

Bids In Held-Under Advisement.
STORE Cost, $10,000
SAN FRANCISCO. Irving St. near 22nd Avenue.
One-story frame and tile store bldg. (four stores).
Owner—Withheld.
Architect—Albert Burgren, 110 Sutter Street.

Contract Awarded
ALTERATIONS Cost, $——
SAN JOSE, Santa Clara Co., Calif. 89 North First Street.
Modernization of first floor of the Sweigert Bldg. (two stores, show windows, bronze work).
Owner—Frank Marten, San Jose.
Architect—Not Given.
Contractor—George Honore, 136 Race St., San Jose.

Contracts Awarded
STORE Cost, $40,000
OAKLAND, Alameda Co., Calif. 17th Street and Broadway.
One-story and mezzanine floor concrete and steel store bldg. (composition roofing, etc.)
Owner—Jamieson-Towle-Willloughby Oakland and San Francisco.
Architect—K. E. Ponsford, 900 Creed Road, Oakland.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.
Excavation—Ariss - Knapp Co., 961 41st St., Oakland.
Underpinning—D. J. Sueell, 2626 Ivy Drive, Oakland.

Contract Awarded
ALTERATIONS Cost, $3.)
SAN FRANCISCO, Calif. Arguello Blvd. and Clement St.
Alter hall and stores.
Owner—Richmond Masonic Temple, Premises.
Architect—Bernard Joseph, Call Bldg.
Contractor—J. F. Smith, 241 Minna Street.
In the issue of October 7, the estimated cost was given as $4,500, which was in error.

Contract Awarded
STORE Cost, $7,500
SAN FRANCISCO. W Van Ness Ave. South Pacific Ave.
One - story frame and stucco store.
Owner—Mohawk Petroleum Co., Financial Center Building.
Architect—D. D. Stone, 381 Bush St.
Engineer—Alfred Fisher, 111 Sutter.
Contractor—M. Fisher & Son, 1614 Church Street.

BIDS IN
PHOENIX, Ariz.—Argonaut Realty Co., Detroit, has taken bids for an office and garage building to be built at 20th and Roosevelt Streets, Phoenix, for the General Motors Corporation. It will be a fireproof structure, 110x85 feet in area; steel frame construction, concrete floors, glass brick walls, air conditioning system, etc. Estimated cost, $50,000.

CONTRACT AWARDED
LOS ANGELES, Calif. — Weber Showcase & Fixture Co., 5700 Avalon Blvd., awarded contract for installing hardwood partitions and special fixtures in executive and sales offices of Helms Bakeries, 8800 Venice Blvd. Grant & Bruner, architects and engineers. Cost, $60,000.

Contract Awarded
ALTERATIONS Cost, $5,000
SAN FRANCISCO, Calif. 617 Folsom Street.
Alterations to offices and garage.
Owner—Railway Express Agency, 85 Second Street.
Architect—Not Given.
Contractor—C. H. Peterson, 60 21st Avenue.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO, Calif. 465 California Street.
Alterations to office building.
Owner—Merchants Exchange Bldg., 465 California Street.
Architect—Not Given.
Contractor—H. S. Meinberger, 965 Folsom Street.

Contract Awarded
ADDITION Cost, $4,550
SAN JOSE, Santa Clara Co., Calif. Almaden Ave. and Auzerius Ave.
Second story addition to brick and frame building.
Owner—F. Garibaldi and H. Muzzio, 533 Vine St., San Jose.
Architect—Charles S. McKenzie, 420 Twohy Bldg., San Jose.
Contractor—Dan Caputo, 401 Illinois St., San Jose.

Contract Awarded
ALTERATIONS Cost, $8,000
SACRAMENTO, Sacramento Co., Cal. 1300 K Street.
Alterations to interior of building.
Owner—Chevrolet Motor Co., prem.
Architect—Not Given.
Contractor—Charles Unger, 2426 7th Ave., Sacramento.

Contract Awarded
STORE BLDG. Cost, $10,000
BERKELEY, Alameda Co., Calif. Grizzly Peak and Spruce.
Frame and concrete store building (7 stores), tile roof.
Owner—Care of Contractor.
Architect—Not Given.
Contractor—Millar White Construction Co., 306 15th St., Oakland.

Sub-Contracts Awarded
OFFICE BLDG. Cost, $18,000
SANTA CRUZ, Santa Cruz Co., Cal.
One-story office bldg. (103x59 feet) Early California style, containing three suites, each suite including consultation, examination and dressing rooms with physiotherapy cubicles and X-ray dept.
Owners—Drs. Phillips and Randall.
Architect—W. W. Wurster, 260 California St., San Francisco.
Sheet Metal and Plumbing—Izant & Wilson, Santa Cruz.
Electric Wiring—Meehan Elec. Service, Santa Cruz.
Heating—H. F. Faneug, Santa Cruz.
Tile Work—Hulbert Tile Co., Santa Cruz.
Glass—DeLeit Glass Co., San Jose.
Iron Grille Work—Engfer Iron W'ks, San Jose.
Brick and Stone Work—F. Sommers, Santa Cruz.
Grading, Foundations and Concrete—F. E. Horan, Santa Cruz.
Lumber and Mill Work—Hamilton & Church, Santa Cruz.
Hardware & Painting—Hamilton and Church, Santa Cruz.

17— THEATRES

Plans Being Completed
ALTERATIONS Cost, $15,000
SACRAMENTO, Calif. 617 K Street.
Alterations and additions to Liberty Theatre (new marquee, painting, decorating, extend mezzanine floor, new offices, rest rooms, etc.).
Owner—J. W. DiStasio.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Bids will be asked in about one week.

CONTRACT AWARDED
LOS ANGELES, Calif.—Standard Construction Co., 8905 Sunset Blvd., awarded contract and will be ready to take subcontract bids in a few weeks for the construction of reinf. concrete Trocadera Theater at Sunset Blvd. and Horn St., for Galbro Theater Co., Harold Gallos, president. Cost, $250,000.

Sub-Contracts Awarded
ALTERATIONS Cost, $20,000
BERKELEY, Alameda Co., Cal. 2425 Shattuck Avenue.
Alterations to theatre building.
Owner—A. H. Moore, 2516 Durant Avenue, Berkeley.
Architect—S. Chas. Lee, 25 Taylor St., San Francisco.
Contractor—Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Plumbing—Madden Plbg. & Htg. Co., 3119 San Pablo Ave., Oakland.
Electric Wiring—Matson Elec. Equip. Co., 4115 Broadway, Oakland.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Glass—East Bay Glass Co., 621 6th St., Oakland.
Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.
Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.
Structural Steel—Judson Pacific Co., 18th and Campbell Sts., Oakland.

Plans Being Figured—Bids Close October 19, 11 A. M.
ALTERATIONS Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. 617 K Street.
Alterations and additions to Liberty Theatre (new marquee, painting, decorating, extend mezzanine floor, new offices, rest rooms)
Owner—J. W. DiStasio.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Following will submit bids:
Chas. Unger, 2426 7th Avenue.
W. E. Truesdale, 2116 H Street.
Chas. Vanina, 2022 M Street.
Frank Maloney, 3172 T Street.
All of Sacramento.

CONTRACT AWARDED
LOS ANGELES, Calif.—Wesco Construction Co., 2000 Hyperion Ave., awarded contract for new reinf. concrete theater building to seat 9000 on the north side of Wilshire Blvd., between Dunsmuir and Burnside Aves., for Selig Cahn, Inc.; Pacific States Theatres, Inc., lessees. C. A. Balch,

Plans Being Figured
THEATER Cost, $60,000
BRENTWOOD, Contra Costa Co., Calif. First Street.
Stadium type theater to seat 1,000; concrete construction, steel trusses; wood frame interior; air conditioning system, steam heating plant.
Owner—Petersen Theatre Circuit, 25 Taylor St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Salih Bros., 25 Taylor Street, San Francisco, are the only contractors figuring the plans.

Plans Completed
ALTERATIONS Cost, $1500
SAN FRANCISCO, Calif. 1069 Market St.
Alterations to theatre.
Owner—E. De Lear.
Architect—F. F. Amandes, 414 Dewey Blvd.

18— WHARVES & DOCKS

Bids Opened
PIER Cost, $——
SAN FRANCISCO. Pier 9, foot of Vallejo Street.
Reinforced concrete pier to replace present structure, jacketed piles, reinforced conc. deck, creosoted lumber apron to support track.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Low Bidder—A. W. Kitchen Co., 110 Market Street.
Complete bids follow:
(1) 15,000 tons rock;
(2) total price for pier and rock.

A. W. Kitchen Company		$368,520
	(1)	11,250
	(2)	379,770
Healy-Tibbitts Const. Co.		$373,850
	(1)	9,750
	(2)	383,600
Duncanson-Harrelson Co.		$389,500
	(1)	17,250
	(2)	406,750
Clinton Const. Co.		$393,000
	(1)	18,000
	(2)	411,000

Recommendation made to the PWA that contract be awarded to A. W. Kitchen Company at $379,770.

CONTRACTS AWARDED
SAN FRANCISCO.—Bids for repairs to Skows Nos. 5 and 6 were opened by the State Board of Harbor Commissioners, Ferry Bldg., and contracts awarded as follows:
(A) Carpenter work on Skow No. 6;
(B) Carpenter work on Skow No. 5;
(C) Machine work on Skows 5 & 6.
Schedule "A" awarded Bruer & Siemer, 956 Evans St.—$544.
Schedule "B" awarded H. C. Thompson, 930 Evans St.—$660.
Schedule "C" awarded General Engineering & Drydock Co., 1100 Sansome St.—$835.
Complete bids follow:
Bruer & Siemer—(A) $544; (no bids on B and C).
H. C. Thompson—(A) no bid; (B) $660; (C) no bid.
General Engineering & Drydock Co.—(A) $940; (B) $1197; (C) $835.
Pacific Drydock & Repair Co.—(A) $735; (B) $910; (C) $1088; (A, B & C) $2,633.
Anderson & Cristofani—(A) $683; (B) $852; (C) no bid.
Contractor—Hamilton & Church, 383 Ocean St., Santa Cruz.
Roofing — California Roofing Company, Santa Cruz.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

NAVY DEPARTMENT

LOS ANGELES, Cal.—Until Oct. 27 11 A. M., bids will be received by the Public Works Office, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8278 for furnishing and installing six job cranes at the 11th Naval District (fleet aviation facilities) Terminal Island, Los Angeles Harbor.

The work consists in general of the furnishing and installing six job cranes of 6,000 pounds capacity each. Cranes will have three back stays and revolving vertical mast about 26 feet high. Jib will be provided with chain hoist in fixed position. The hoist hook will be 14 feet 6 inches from mast and 18 feet above pavement.

Specifications obtainable from the above office upon deposit of $10.00.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., as follows:

TUBING—1600 ft. brass voice; Mare Island. Sched. 8962; October 20.

LATHES—3, engine, medium duty, spare parts, electrical, and tools; Mare Island. Sched. 8977; October 20.

TILE—White floor; 10,000 sq. ft., Mare Island; 8,455 sq. ft., Puget Sound. Sched. 8980; October 23.

RADIATORS—Fin-type steam; Mare Island and Puget Sound. Sched. 9028; October 27.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

CANAL ZONE

PANAMA CANAL ZONE. — Until October 22, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3189, for furnishing miscellaneous supplies and equipment, including:

Twist drills, wood-boring bits, dies, wire mesh turnbuckles, boat compasses, cutting punches, weighing scales, sledge hammers, screw clamps cold chisels, scythe snaths, garden hoes, gasoline hose, cane ship fenders, diving-board runners, metallic tapes, motor-driven tool grinder and motor-driven scroll saw and parts.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

WAR DEPARTMENT

FORT LEWIS, Wash.—Until Oct. 20, 10 A. M., bids will be received by the Contracting Officer, Quartermaster Corp., Fort Lewis, under Bid No. 488-37-12, for furnishing paint brushes, enamel, lacquer, linseed oil, paint putty, varnish, bolts, bushings, compression stops, chisels, twist drills, sink faucets, window glass, hinges, locks, nails, etc.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Oct. 21, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-79, for furnishing 350,000 FBM of lumber for mattress construction, 1x4-inches.

Delivery fob cars, bidder's mill.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Oct. 21, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 37-80, for furnishing: (1) 110-000 l.f. strand wire; 9/32-in. dia.; and (2) 30,000 lbs. 2-ply wire.

Delivery fob Lovdal, Calif.

Specifications obtainable from the above office.

OAKLAND, CITY

OAKLAND, Alameda Co., Calif.—Until October 22, 8 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing approximately 13,500 ft. of saturated paper-insulated cable, No. 16 AWG.

Specifications obtainable from the above office.

TREASURY DEPARTMENT

SAN FRANCISCO.—Until Oct. 19, 10 A. M., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2642, forf urnishing 4,000 l.f. welded steel pipe cement lined, for use on WPA project.

Delivery fob East Bay Municipal Utility District Yard, 6th and Harrison Sts., Berkeley.

Specifications obtainable from the above office.

EAST BAY UTILITY DIST.

OAKLAND.—Until October 21, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, as follows:

Proposal L.S. 182—18,900 tons crushed rock, gravel and sand.

Proposal L.S. 184—75 l.f. asbestos cement water pipe, 4 in. to 16 in. diameter.

Proposal No. 183—Approximately 9,-000 l.f. of electric welding of 26,-000 ft. of 36-in. steel pipe.

Proposal L.S. 185—74,000 l.f. cast-iron pipe, 4 in. to 16 in. diameter.

Informal Proposal No. 805—Curb and corporation stops.

Informal Proposal No. 806—Miscellaneous ells and couplings.

Specifications obtainable from the above office.

TREASURY DEPARTMENT

received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

October 16, 10 A. M.

BID NO. 2653—26 manhole castings and 28 lamphole castings; f.o.b. Oak Knoll Blvd. and Mountain Blvd., Oakland.

October 19, 10 A. M.

BID NO. 2666—1000 field crates and 1500 picking lugs; f.o.b. 900 19th Ave., Oakland.

BID NO. 2664—5000 l.f. expansion joint; f.o.b. Page and Broderick Sts., San Francisco.

BID NO. 2667—164 tons natural rock asphalt; f.o.b. cars, Belt Line railway, foot of Baker St., San Francisco.

BID NO. 2668—854 c.y. ready mix concrete; f.o.b. Keith Ave., bet. College and McMillan Avenues, Oakland.

BID NO. 2669—330 tons river sand and 330 tons top gravel; f.o.b. East Bay Municipal Utility Dist. Corp. Yard, 6th and Harrison Sts., Berkeley.

BID NO. 2662—4590 l.f. non-climbable fence and 770 l.f. safeguard type fence; posts, gates, and connections; f.o.b. Crocker Amazon No. 2, Moscow and Geneva, San Francisco.

October 21, 10 A. M.

BID NO. 2672—Radiator traps and strainers; f.o.b. Aquatic Park, Larkin and Beach Streets, San Francisco.

BID NO. 2671—Thermostats, radiator valves, glove valves, air compressor; galvanized steel pipe and fittings; etc.; f.o.b. Aquatic Park, Larkin and Beach Sts., San Francisco.

MADERA COUNTY

MADERA, Madera Co., Calif.—Until November 2, 7:30 p.m., bids will be received by the Madera City Council, Geo. M. Shedd, City Clerk, City Hall, for furnishing the following material:

(1) 2500 ft. 6-in. cast-iron pipe, Class B;
(2) 500 ft. 4-in. do.;
(3) 7 6x6-in. crosses, Class B;
(4) 4 6x6x6-in. tees, Class B;
(5) 10 4x6-in. reducers, 6-in. spigot and 4-in. hub end, Class B.

Alternate bids will be received on precaulked and uncaulked material.

Specifications obtainable from the above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Oct. 23, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1665, for furnishing steel filing equipment for the School Department.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Oct. 23, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1664, for furnishing 100 6-inch bell end cast iron gate valves and 20 6-inch bell end cast iron tapping valves.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Oct. 23, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1667, for furnishing venetian blinds for the city hall.

Specifications obtainable from the above office.

Oakland Port Commission

OAKLAND, Cal.—Until Oct. 19, 3:30 P. M., bids will be received by the City of Oakland Port Commission, A. H. Abel, Secretary, Room 73, Grove St. Pier, for furnishing two industrial type tractors and one industrial type fork lift truck.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BID REJECTED

MONO CO., Calif.—State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, has rejected the only bid received, that of Basich Bros., Torrance, at $9,685.50, for constructing a reinforced concrete and timber bridge across East Walker River, about 6.5 miles north of Bridgeport, and grading road approaches.

The work will be readvertised next spring.

CONTRACT AWARDED

ELDORADO CO., Calif. — Hector Williamson, Placerville, at $2,200, submitted low bid and awarded contract by the Eldorado County Board of Supervisors, Arthur J. Koletzke, Clk., Placerville, for the construction of a reinforced concrete bridge across north fork of the Cosumnes River, near Somerset.

Complete bids follow:

Hector Williamson, Placerville	$2200
E. B. Livingstone, Stockton	2575
D. E. Morton, Placerville	2600

BIDS WANTED

MADERA CO., Calif.—Until October 22, 10 a.m., bids will be received by the Madera County Board of Supervisors, L. W. Cooper, Co. Clerk, Court House, Madera, for the following material and services f.o.b. joo in Road District No. 2 of Madera Co.:

(1) Approximately 132,000 ft. b.m. bridge lumber;
(2) Furnishing and driving into position 80 pilings, or driving 80 pilings furnished by the County.

Plans and specifications obtainable from the above office.

CONTRACTS AWARDED

STATE OF WASHINGTON.—Bids for bridge construction were opened by L. V. Murrow, Director of Highways, Olympia, and contracts awarded as follows:

Kittitas County: Clearing, grading draining, surfacing and constructing a reinf. concrete and steel bridge on about 9.0 miles of State Road No. 7, Highline Canal to Alkali Ike's, Federal Aid Project No. 148-E, in Kittitas County, involving about 63,800 c.y. of excavation, 21,560 c.y. of ballast, 36,060 c.y. of crushed stone surfacing, 132 c.y. of concrete, 24,180 lbs. of steel reinforcing bars, 31,000 lbs. of structural steel, 1,014 l.f. of pipe culverts, and other items.

Awarded: Fred G. Redmon, 303 S. Fifth Ave., Yakima—$100,700.74.

Kittitas County: Grading and constructing a reinforced concrete and steel bridge on about 0.2 mile of State Road No. 3, Bristol Fill Bridge, F.A.P. No. 165-G, in Kittitas County, involving about 2,100 c.y. of excavation, 530 c.y. of selected roadway borrow, 692 c.y. of concrete, 135,000 lbs. of steel reinforcing bars, 376,000 lbs. of structural steel, 3,335 l.f. of steel piling and other items.

Awarded: West Coast Constr. Co., 1019 Lloyd Blvd., Seattle—$64,677.82.

BIDS REJECTED

LOS ANGELES.—The U. S. Engineer Office rejected all bids for furnishing 606,000 lbs. fabricated steel and other metal work for steel framework in the superstructure of 3 bridges. Circ. Prop. No. 125.

BIDS OPENED

SAN FRANCISCO.—Following bids received by F. F. Moran, Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 911, for furnishing structural steel stiffening beam, hangars, clamps, bearings, and anchors, for Briceburg Bridge:

Minneapolis-Moline Power & Implement Co., $2,160; f.o.b. Minneapolis.

Schrader Iron Works, $2,887; f.o.b. San Francisco.

Golden Gate Iron Works, $3,100; f.o.b. San Francisco.

Independent Iron Works, $2,987; f.o.b. Oakland.

Bethlehem Steel Corp., $2,797; f.o.b. Alameda.

California Steel Products, $2,997; f.o.b. San Francisco.

Judson-Pacific Co., $2,790; f.o.b. San Francisco.

BIDS OPENED

SACRAMENTO CO., Calif.—Lord & Bishop, Native Sons Blvd., Sacramento, at $13,153.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of a concrete double box culvert, a two-span timber bridge with concrete deck, and a three-span concrete slab bridge, in Sacramento Co., about 4 miles and 2.5 miles south of Brighton and about 4.5 miles east of Perkins.

The work involves:

(1) 1 lot existing bridges removed and disposed of;
(2) 45 M. gals. water;
(3) 850 c.y. roadway excav., unclassified;
(4) 480 c.y. structure excav.;
(5) 1200 c.y. imported borrow;
(6) 6 stations finishing roadway;
(7) 105 tons untreated crushed gravel or stone (surfacing);
(8) 44,250 lbs. bar reinf. steel;
(9) 323 c.y. class A portland cement concrete (structures);
(10) 10 M. ft. b.m. redwood timber, dense, select, all-heart, struct. grade;
(11) 3 M. ft. b.m. redwood timber, select, all-heart, struct. grade;
(12) 42 l.f. 18-in. CMP;
(13) 25 each timber guide posts;
(14) 1 lot misc. items of work.

NOTE: The state will furnish corrugated metal pipe and band couplers as more explicitly set forth in the special provisions.

Total bids follow:

(A) Lord & Bishop, Sacramento	$13,153.50
(B) F. O. Bohnett, Campbell	14,996.50

Unit bids follow:

	(A)	(B)
(1)	$300.00	$450.00
(2)	2.50	4.00
(3)	.70	.85
(4)	1.50	2.50
(5)	.75	.75
(6)	15.00	12.00
(7)	1.80	3.00
(8)	.05	.06
(9)	20.00	20.00
(10)	90.00	120.00
(11)	90.00	100.00
(12)	1.00	1.00
(13)	2.50	2.00
(14)	300.00	450.00

BIDS WANTED

TUOLUMNE CO., Calif.—Until March 30, 1937, 2:30 p.m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for constructing the South Fork of the Tuolumne River Bridge and approaches on Section A1 of Route 4, the Tioga Road, Yosemite National Park, Tuolumne County.

The principal items of work involved are:

(1) 1,516 c.y. unclass. excav.;
(2) 375 c.y. do. for structures;
(3) 570 c.y. masonry;
(4) 73 c.y. concrete;
(5) 12,500 lbs. reinforcing steel;
(6) 64,000 lbs. structural steel;
(7) 135 l.f. steel handrail.

Plans and specifications obtainable from the above office upon deposit of $10.

The project should be inspected prior to November 1, as the ground may be covered with snow after that date.

BIDS OPENED

SAN FRANCISCO—California Corrugated Culvert Co., 5th and Parker Sts., Berkeley, at $178.12 submitted the only bid received by F. F. Moran, Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 913, for furnishing 122 ft. of 45.8-in. dia. flume in 3-ft. sections, for the Mud Creek project.

BIDS OPENED

SAN FRANCISCO.—Following bids received by F. F. Moran, Asst. Procurement Officer, Forest Service, Phelan Bldg., under Bid No. 914, for furnishing 110 ft. structural steel flume truss for the Mud Creek project, f.o.b. bidder's shipping point and/or McCloud:

California Steel Products — $487, f.o.b. San Francisco.

Minneapolis-Moline Power and Implement Co.—$636, f.o.b. Los Angeles.

Boiler Tank & Pipe Co.—$625, f.o.b. Oakland; $700, f.o.b. McCloud.

Herrick Iron Works—$533, f.o.b. Oakland; $598, f.o.b. McCloud.

Schrader Iron Works—$725, f.o.b. San Francisco.

Judson Pacific Co.—$684, f.o.b. San Francisco.

Independent Iron Works—$524, f.o.b. Oakland.

CAPITAL CITY TITLE COMPANY

J. C. PALEN.
Manager

914 Seventh Street
Sacramento :: California

Western Iron Works—$740, f.o.b. San Francisco.

Bethlehem Steel Co.—$764, f.o.b. Alameda.

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

SACRAMENTO.—Until October 16, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-37-75, for furnishing and operating clamshell dredging plant at hourly rates for use in Suisun Bay and the San Joaquin and Sacramento Rivers, and tributary channels.

Bids will be taken as follows:

(I)—Rate per hour for time during which dredge is actually dredging or excavating and depositing material; estimated at 700 hours.

(II)—(a) Rate per hour for time during which the dredge is held idle on the work, during usual working hours;

(b) Rate per hour for time involved in towing dredge to or from various localities where work is ordered. Idle time estimated at 80 hours.

(III)—Mobilization and demobilization of dredge for each separate job; estimated, 2 jobs.

Specifications obtainable from the above office.

BIDS WANTED

SACRAMENTO.—Until November 2, 3 p.m., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut.-Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-77, for setting back, raising and strengthening the existing levee and constructing new levee along the west bank of the Sacramento River at two different sites: From a point about 1.2 miles north of the Colusa-Yolo County line near Menzie's Ranch, upstream for a distance of about 3200 ft.; and from a point about 1.4 miles north of Tisdale Weir, near Schohr's Ranch, upstream for a distance of about 1500 ft. The total volume of earth to be placed in embankment is approximately 137,000 c.y.

Bids will be taken as follows:

Schedule "A"

(1) 111,500 c.y. levee embankment in place, Menzie's ranch site (109.87 miles to 110.45 miles above Collinsville);

(2) 25,000 c.y. levee embankment, Schohr Ranch Site (120.1 to 120.4 miles above Collinsville).

Schedule "B"

(1) 137,000 c.y. levee embankment in place, both sites combined.

Plans and specifications obtainable from the above office.

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until October 20, 5 p.m., bids will be received by Ohm & Raab, civil engineers, 109 E. Weber Ave., Stockton, for sloping about 2,700 l.f. of river levee located about 15 miles from Stockton for Union Island Reclamation District No. 1. The work will involve about 25,000 c.y. of material.

Work will require a dragline having a boom reach of about 40 feet or more.

No plans will be mailed out, but interested dragline owners may call at the above office, where they will be shown the sections and specifications, and will be directed to the site of work.

CONTRACT AWARDED

SAN FRANCISCO.—Healy-Tibbitts Constr. Co., 64 Pine St., at $1,223, awarded contract by the Department of Public Works, City Hall, under Bid No. 4800, for driving piles for the Aquatic Park at the foot of Van Ness Avenue.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SACRAMENTO.—P. B. Mackley Equipment Co., 625 Market St., San Francisco, at $530, submitted the only bid received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 37-74, for the use of a barge of not less than 22-ft. beam and 70-ft. length, and not less than 4 ft. nor more than 7 ft. in depth, for approximately 60 days.

BIDS OPENED

SACRAMENTO.—J. R. Reeves, 12th and American River, Sacramento, at $2,040, submitted low bid to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 37-72, for the rental of dump trucks for approximately 800 hours.

Contractor shall furnish from one to four trucks and perform all work of hauling earth or other materials loaded into them, and dumping the loads as directed by the contracting officer. The work will be mostly on or along the banks of the Sacramento River from the vicinity of Walnut Grove to near Colusa. Trucks shall be of not less than 4 c.y. capacity, dual rear wheels, and pneumatic tires.

Complete bids follow:

J. R. Reeves, Sacramento	$2,040
Paul Entremont, Colusa (two trucks only)	2,080
Rock & Gravel Trucking Co., Oakland	2,080
A. J. McCosker, Oakland	2,120
Portola Trucking Service, San Francisco	2,320
Garcia Constr. Co., Irvington	2,400
Hemstreet & Bell, Marysville	2,400
C. W. Beguhl, Millbrae	2,720

All bidders will furnish four trucks unless otherwise noted.

CONTRACT AWARDED

SACRAMENTO.—W. E. Camp Co., 1219 28th St., Sacramento, at $3,297.80, submitted low bid and awarded contract by the City Council for furnishing indoor capacitor equipment for the Water Department.

Other bids, identical at $3,481, were submitted by Luppen & Mawley, C. Henderson, and the General Electric Co.

CONTRACTS AWARDED

CASPSER-ALCOVA PROJ., Wyo. Contracts for furnishing equipment under Spec. No. 691, for installation in the Seminoe Dam power plant, Casper-Alcova Project, Wyo., have been awarded by the Bureau of Reclamation, Denver, as follows:

Allis-Chalmers Mfg. Co., Milwaukee: Two 12,000-kva. generators, alternatting current, vertical shaft; $192,220.

Pelton Water Wheel Co., San Francisco; Two 15,000-h.p. turbines, and two governors with pumping equipment for regulating the speed of the utdbines; $119,770.

29— STREETS AND HIGHWAYS

BIDS WANTED

MARICOPA CO., Arizona.—Until October 21, 2 p.m., bids will be received by the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, for highway improvement on the Phoenix-Glendale Highway, F.A. 33, reopened (1937), A.F.E. 6060, and the Phoenix-Prescott Highway, F.A. 48-A, reopened (1937), A.F.E. 6061. The work, on F.A. 33, reopened (1937), begins about ¼ mile northwest of Six Points at Phoenix and extends northwest about 2.6 miles, and F.A. 48-A, reopened (1937), begins at Glendale and extends northwest about 1¾ mi., consists of widening the existing pavement with cement concrete, furnishing and placing cutback plant mix, and miscellaneous grading and draining work, and is to be completed on or before June 30, 1937.

The principal items are:

1.75 miles grading roadway to section;
13,000 c.y. imported borrow (CIP);
350 M. gals. sprinkling;
150 hours rolling;
28,100 sq. yds. grading under pavement;
28,100 sq. yds. concr. pavement;
80 c.y. class A concrete;
7,200 lbs. reinf. steel;
5,300 l.f. line fence;
584 l.f. 18-in. concrete pipe;
166 l.f. 24-in. concrete pipe;
630 tons plant mix;
25 tons MC-5 cutback asphalt;
11 tons emulsified asphalt, class A;
74 tons screenings.

Plans and specifications may be obtained at the office of the State Highway Engineer, 17th Ave. and Jackson St., Phoenix. Certified or cashier's check for 5% must accompany each proposal.

CONTRACT AWARDED

LINN COUNTY, Ore.—Mountain States Construction Co., Eugene, at $23,734, submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, R. H. Baldock, State Highway Engineer, for construction of a bridge over Calapooya River on the Pacific Highway near Albany.

The work requires approximately 50 c.y. excavation; 440 l.f. foundation piling; 1,500 l.f. treated trestle piling; 28 MFBM treated lumber; 335 c.y. concrete; 56,000 lbs. metal reinforcement; 112,000 lbs. structural steel; removal of bridge and maintenance of traffic.

BIDS WANTED

SAN MATEO, San Mateo Co., Calif.—Until October 19, 8 p.m., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, City Hall, for construction of an asphaltic concrete surface on San Mateo Drive.

Plans and specifications obtainable from the office of City Engineer E. P. Wilsey, City Hall.

CONTRACT AWARDED

FRESNO AND TULARE COS., Calif.—Tieslau Bros., 1315 Allston Way, Berkeley, at $14,962, awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for clearing Section A of the Fresno-General Grant Park approach road, Sequoia National Forest, Fresno and Tulare Counties, a length of 3.934 miles.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until November 5, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.6 mile grading and paving with asphalt concrete in the City of Los Angeles on Marengo St. between Cornwell and Lord Streets.

The work involves:

(1) 30 sta. clear and grub right of way;
(2) 530 M. gals. water;

(3) 1,200 c.y. existing concrete, remove and dispose of;
(4) 18,500 c.y. rdwy. excav., unclass.
(5) 1,950 c.y. struc. excav.;
(6) 3,500 c.y. imported subgrade material;
(7) 12,200 sq. yds. preparing subgrade;
(8) 30 sta. finishing rdwy.;
(9) 12 tons liquid asph. MC-2 (prime coat);
(10) 2,300 tons mineral agg. (plant-mix surf.);
(11) 122 tons liquid asphalt MC-4 or MC-5 (do);
(12) 3,600 tons asphalt concrete (base and leveling course);
(13) 1,400 tons asphalt concrete (type A surf. course);
(14) 750 lbs. bar reinf. steel;
(15) 37 c.y. Class A Portland cement concrete (struc.);
(16) 8,200 lbs. misc. iron and steel;
(17) 180 l.f. 15-in. stand. reinf. conc. pipe;
(18) 40 l.f. 18-in. do;
(19) 60 l.f. existing CMP culverts, remove, clean and salvage;
(20) 110 l.f. do, remove clean and relay;
(21) 1,260 l.f. 6-in. vit. clay pipe;
(22) 10 c.y. Class C Portland cement concrete (pipe reinf.);
(23) 130 l.f. 15-in. plain conc. pipe;
(24) 30 l.f. 18-in. do;
(25) 870 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks, driveways, pavement);
(26) 450 l.f. curb armor;
(27) 1,100 l.f. 1½-in. conduit;
(28) 10 each manholes, adjusted to grade.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

LOW BIDDERS

COCONINO CO., Arizona.—W. E. Hall Co., P.O. Box 296, Phoenix, at $62,051, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Flagstaff-Fredonia Highway, F.A. 95-H (1937), A.F.E. 8962. The work, which is located 44 miles north of Flagstaff and is to extend northerly to Cameron, a distance of approximately 8½ miles, consists of placing aggregate base course and oil processing (plant-mix, using 90-95 road oil) (B.P.R. designation, class F bituminous surface) and is to be completed on or before Feb. 28, 1937.

The work involves:
1,600 tons aggregate base course;
835 c.y. mi. aggregate base course haul;
76 l.f. 8-in. CMP;
6 corr. metal catch basins;
126,100 sq. yds. reshaping road surface;
280 tons prime coat (MC-1 cutback asphalt);
14,100 tons plant mix (including haul);
720 tons road oil (90-95) (C.I.P.);
8,547 miles placing plant mix;
1,380 tons screenings (type A) (C.I.P.);
242 tons screenings (type D) (C.I.P.);
100 hours rolling;
745 M. gals. sprinkling (C.I.P.);
600 c.y. stripping pits;
and other incidental items.

Pearson & Dickerson, Prescott, submitted the second low bid at $65,185.

BIDS WANTED

SAN MATEO, San Mateo Co., Calif.—Until October 19, 8 p.m., as previously reported, bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, City Hall, for construction of an asphaltic concrete surface on San Mateo Drive, between Poplar Ave. and Baldwin Ave.

The work will involve 700 tons of asphaltic concrete.

Plans and specifications obtainable from the office of City Engineer E. P. Wilsey.

BIDS OPENED

SAN FRANCISCO.—A. G. Raisch, 1 DeHaro St., at $57,868.75 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,-954, for the improvement of San Jose Ave. from Sickles Ave. to Bepler St.

The work involves:
(1) 8000 c.y. excavation;
(2) 90,400 sq. ft. asphalt - concrete pavement (8x1½x1½-in.);
(3) 12,300 sq. ft. do (standard type at car tracks);
(4) 13,500 sq. ft. do (6-in.-2-in.);
(5) 20,300 sq. ft. 8-in. conc. pave.;
(6) 380 sq. ft. brick pavement on 4-in. concrete base;
(7) 320 tons asph. concrete binder course;
(8) 240 tons asphaltic concrete wearing surface;
(9) 4,500 l.f. unarmored concrete curb;
(10) 150 l.f. reset combined concrete curb and gutter;
(11) 75 l.f. combined concrete curb and gutter;
(12) 40,900 sq. ft. concrete sidewalk (two course);
(13) 6 l.f. 15-in. VCP sewer;
(14) 280 l.f. 12-in. VC pipe sewer;
(15) 220 l.f. 8-in. do;
(16) 1,400 l.f. 6-in. VC pipe side sewer
(17) 5 each Y branches; 15x6-in. VCP;
(18) 8 each, 12x6-in. VCP Y branches;
(19) 6 each, 8x6-in. VCP, Y branches;
(20) 5 each, brick manholes;
(21) 2 each, reconstruct brick manholes;
(22) 9 each, brick catchbasins;
(23) 20 each, reconstruct brick catchbasins;
(24) 1,220 l.f. 10-in. VCP culvert;
(25) Lump sum, relocating lighting standards and laying conduit;
(26) 5 each, moving low-pressure fire hydrants;
(27) Lump sum, traffic control system, complete.

Work will be financed by the city's share of State gasoline tax funds.

Total bids follow:
(A) A. G. Raisch.....$57,868.75
(B) Charles L. Harney..... 65,444.10
(C) Eaton & Smith..... 67,258.30
(D) M. J. Lynch..... 77,142.00
(E) MacDonald & Kahn Co... 82,948.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .80	$ .52	$ .66	$ 1.00	$ 1.00
(2)	.27	.325	.32	.38	.36
(3)	.21	.288	.33	.38	.29
(4)	.19	.239	.22	.24	.35
(5)	.26	.21	.27	.28	.34
(6)	.15	.42	.26	.60	1.00
(7)	4.00	4.74	5.00	4.50	5.00
(8)	4.00	4.74	6.25	4.80	5.00
(9)	.45	.60	.50	.60	.90
(10)	.75	1.00	.60	.70	1.00
(11)	.75	2.60	1.25	1.00	1.00
(12)	.11	.135	.135	.13	.13
(13)	12.00	9.10	5.00	3.00	5.00
(14)	2.00	1.82	1.50	2.00	4.00
(15)	1.00	1.50	1.25	1.50	4.00
(16)	1.00	1.30	1.00	1.00	1.50
(17)	7.50	2.50	3.75	3.00	12.00
(18)	2.50	2.50	2.50	2.50	12.00
(19)	2.00	2.50	1.25	2.00	12.00
(20)	80.00	90.00	100.00	95.00	120.00
(21)	50.00	50.00	60.00	75.00	60.00
(22)	75.00	90.00	90.00	85.00	80.00
(23)	50.00	50.00	60.00	60.00	100.00
(24)	1.00	1.00	1.50	1.50	2.00
(25)	894.00	900.00	1100.00	1200.00	1500.00
(26)	68.00	50.00	75.00	60.00	140.00
(27)	695.00	2000.00	1280.00	1900.00	2000.00

BIDS WANTED

TUOLUMNE CO., Calif.—Until March 30, 1937, 2 p.m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for 2.107 miles grading and placing subgrade reinforcement on Section A2 of Route 4, the Tioga Road, Yosemite National Park, Tuolumne Co.

The principal items of work involved are:
(1) 46,000 c.y. unclassified excav.;
(2) 750 c.y. do. for structures;
(3) 5,500 c.y. sod excavation;
(4) 11,600 c.y. unclass. excav. for borrow;
(5) 75,000 sta. yds. overhaul;
(6) 15,700 c.y. mi. haul;
(7) 1,410 l.f. corrugated metal pipe;
(8) 1 Type "A" spillway inlet;
(9) 5 c.y. concrete;
(10) 200 lbs. reinforcing steel;
(11) 44 c.y. masonry;
(12) 3 cast steel grates.

Plans and specifications obtainable from the above office upon deposit of $10.00.

The project should be inspected prior to November 1, as the ground may be covered with snow after that date.

CONTRACT AWARDED

SAN ANSELMO, Marin Co., Calif.—E. A. Forde, 640 Redhill Ave., San Anselmo, at $5,130, submitted low bid and awarded contract by the San Anselmo City Council for preparing and paving with asphalt concrete about 0.8 mile macadam shoulders and repaving present pavement with asphalt concrete in San Anselmo, on Sir Francis Drake Blvd., between Redhill Ave. and northwest municipal limits.

Complete bids follow:
E. A. Forde, San Anselmo.....$5,130
F. J. Main, Fairfax..... 5,420
J. J. Ongaro, San Anselmo..... 5,760
W. H. Larson, Oakland..... 5,990

Work will be financed by the town's share of State gasoline tax funds.

BIDS OPENED

GLENDALE, Los Angeles Co., Cal.—Southwest Paving Co., 11,405 Radford Ave., Roscoe, at $12,117.84 submitted low bid to the Glendale City Council for improving Verdugo Road from Glendale Ave. to Canada Blvd.

Heuser & Garnett, Glendale, at $14-487 submitted the only other bid.

J. C. Albers, City Engineer.

CONTRACT AWARDED

MARION CO., Oregon. — Harold Blake, 400 N. Thompson, Portland, at $187,091, awarded contract by R. H. Baldock, State Highway Engineer, Portland, for 1.2 miles grading and 5.45 miles paving on the Pringle Creek-Illahe School Section of Pacific Highway, Marion County.

Bids were referred to the engineer by the Highway Commission with power to award contract.

BIDS WANTED

TEHAMA CO., Calif.—Until March 2, 1937, 2 p.m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for placing bituminous treated crushed rock surfacing on 4.675 miles of Section B of the Southwest Approach to Lassen Volcanic National Park, Lassen National Forest, Tehama County.

The principal items of work involved are:
(1) 20 c.y. unclass. excav. for structs.;
(2) 8,775 tons bituminous treated crushed rock;
(3) 150 tons supplemental crushed rock;
(4) 2,800 tons crushed rock for shoulders and base course;
(5) 540 tons crushed rock for screenings;
(6) 14 c.y. concrete;
(7) 200 M. gals. watering;
(8) 537 tons liquid asphaltic materials, Types MC-4 or 5, RC-2, and SC-2.

Plans and specifications obtainable from the above office.

The project should be inspected

prior to November 15, as the roads may be closed by snow after that date.

BIDS OPENED

UMATILLA AND UNION COS., Oregon.—Max J. Kuney, E. 120 Augusta, Spokane, at $125,632.20, submitted low bid to the Bureau of Public Roads, W. R. Lynch, District Engineer, Portland, for 23.222 miles surfacing and bituminous surfacing treatment on the Weston-Elgin Highway, Umatilla National Forest, Umatilla and Union Counties, Oregon.

The principal items of work involved are:

(1) 3,000 c.y. unclass. excav.;
(2) 48,500 tons subgrade reinf.;
(3) 18.026 miles fine grading, subgrade and shoulders;
(4) 33,000 tons crush. rock or gravel top course;
(5) 3,000 M. gals. watering;
(6) 125 days, operation of roller;
(7) 4,000 tons seal coat cover aggregate (stone chips);
(8) 5,000 c.y. loose riprap, Type 1;
(9) 5.196 miles preparation of rdwy.
(10) 150 each, dangerous trees and snags;
(11) 15 acres roadside cleanup;
(12) 420 tons MC-2 bituminous mat for prime coat;
(13) 300 tons 95 plus bituminous material for seal coat;
(14) Lump sum, extra and miscellaneous force account work.

Complete total bids follow:

Max J. Kuney, Spokane	$125,632.20
Joslin-McAllister Co., Spokane	150,646.70
E. C. Hall, Eugene	155,756.80
Carl Nyberg, Spokane	157,095.00
Babler Bros., Portland	159,206.80
A. Milne, Portland	159,372.00
Fred G. Redmon, Yakima	162,570.90
Triangle Constr. Co., Spokane	163,702.20
Homer G. Johnson, Portland	166,849.00
Olaf Nelson, Logan, Utah	167,580.00
A. C. Greenwood, Portland	169,055.70
L. Romano Engrg. Corp., Seattle	169,704.40

BIDS OPENED

VALLEJO, Solan Co., Calif.—Henry Grimoldi, Rt. 3, Box 3676, Napa, at $2,215, submitted low bid to the Vallejo City Council, under Intention No. 180, for the improvement of Maxwell Alley from east line of Trinity Street to the west line of Butte Street.

The work involves:

(1) 430 c.y. grading;
(2) 6400 sq. ft. concrete pavement;
(3) 800 l.f. Redwood curb;
(4) 2.7 c.y. concrete in retaining wall.

Lewis & Clark, Oakland, at $2,716.90, submitted the only other bid.

Bids referred to City Engineer, T. D. Kilkenny.

BIDS OPENED

VALLEJO, Solano Co., Calif.—Henry Grimoldi, Rt. 3, Box 3676, Napa, at $1,587.06, submitted low bid to the Vallejo City Council under Intention No. 179, for the improvement of Quincy Alley between east line of Butte Street and the west line of Branciforte St.

The work involvs:

(1) 171 c.y. grading;
(2) 800 l.f. Rdwood curb;
(3) 6,612 sq. ft. portland cement concrete pavement;
(4) 37 l.f. portland cement concrete armor curb.

Lewis & Clark, Oakland, at $2,004.30, submitted the only other bid.

Bids referred to City Engineer T. D. Kilkenny.

NOTICE TO BIDDERS

SAN DIEGO CO., Calif.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work in San Diego County, for which bids will be opened in Los Angeles on October 29.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints:

XI-S.D.-2-Ocn,C,D—Bet. Oceanside and Las Flores underpass: PLANS (No. of sheets), 42; cost, $4.20; CROSS-SECTIONS (No. of sheets), 201; cost, $20.10; total, $24.30.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

BIDS OPENED

VALLEJO, Solano Co., Calif.—Henry Grimoldi, Rt. 3, Box 3676, Napa, at $1,966.49, submitted low bid to the Vallejo City Council under Intention No. 181, for the improvement of Quincy Alley from the east line of Napa Road to the west line of Monterey Street.

The work involves:

(1) 146 c.y. grading;
(2) 1,077 l.f. Redwood curb;
(3) 8,686 sq. ft. concrete pavement.

Lewis & Clark, Oakland, at $2,731, submitted the only other bid.

Bids referred to City Engineer T. D. Kilkenny.

CONTRACT AWARED.

YOLO COUNTY, Cal.—E. A. Forde, 640 Redhill Ave., San Anselmo, at $11,579 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento for about 11.4 miles of non-skid surface treatment and natural rock asphalt surfacing applied to portions of the existing pavement, in Yolo County, between Woodland and Knights Landing.

CONTRACTS AWARDED

STATE OF WASHINGTON.—Bids for highway construction were opened by L. V. Murrow, Director of Highways, Olympia, and contracts awarded as follows:

Adams and Lincoln Cos.: Grading, draining and surfacing on about 11.2 miles of State Road No. 11, Sprague South, involving about 160,430 c.y. of excavation; 52,640 c.y. of selected roadway borrow, 36,900 c.y. of crushed stone surfacing, 66 c.y. of concrete, 10,759 l.f. of cable guard rail Design No. 5, 25 MBM of treated timber and lumber, 2,250 l.f. of pipe culverts and other items.

Awarded: F. H. DeAtley & Co., Lewiston, Idaho—$176,792.95.

Yakima County: Clearing, grading and draining on about 1.9 miles of State Rd. No. 5 (White Pass Branch) Russell Creek East, involving about 28 acres of clearing and grubbing, 119,450 c.y. of excavation, 1,008 l.f. of pipe culverts and other items.

Awarded: C. O. Oneal Co., Inc., Stevenson, Wash.—$62,379.10.

Clallam County: Clearing, grading, draining and surfacing on about 0.5 mile of State Road No. 9, Johnson Creek Fill, involving about 2 acres of clearing, 48,490 c.y. of excavation, 2,080 c.y. of selected roadway borrow, 870 c.y. of surfacing, 600 l.f. of cable guard rail Design No. 6, 230 l.f. of 8-in. corrugated iron pipe spillways; Schedule A (corrugated metal pipe), 420 l.f. of 105-in. corrugated metal pipe, 43 c.y. of concrete; 3,600 lbs. steel reinforcing bars; Schedule "B" (reinforced concrete box culvert) alternate, 485 c.y. of concrete, 65,000 lbs. of steel reinforcing bars, and other items.

Awarded: Allen & Govan, Inc., Box 105, Olympia, Sch. "B"—$25,349.40.

Stevens County: Paving with portland cement concrete on about 0.3 mile of State Road No. 3, Main St., in Colville.

Awarded: J. H. Collins & Co., Colville, at $13,475.92.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Los Angeles on October 22.

VII-L.A.-60-L.A.—Bet. Wilmington Blvd. and Alameda Street in the City of Los Angeles: PLANS (No. of Sheets), 39; cost, $3.90; CROSS-SECTIONS (No. of sheets), 32; cost, $3.20; total, $7.10.

VII-L.A.-168-B—At the Jct. of Whittier and San Gabriel Blvds.: PLANS (No. of sheets), 10; cost, $1; CROSS-SECTIONS (No. of sheets), 7; cost, $0.70; total, $1.70.

XI-S.D.-2-S.D.—On Main St. in the City of San Diego, between Division St. and 32nd St.: PLANS (No. of sheets), 13; cost, $1.30; CROSS-SECTIONS (No. of sheets), 33; cost, $3.30; total, $4.60.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer.

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until November 4, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 5.6 miles grading and paving with asphalt concrete in San Mateo County between San Mateo and Redwood City.

The work involves:

(1) 294 sta. clear and grub right of way;
(2) 320 M. gals. water;
(3) 46,000 c.y. rdwy. excav., unclass.;
(4) 3,000 c.y. ditch and channel excavation;
(5) 1,600,000 sta. yds. overhaul;
(6) 5,000 c.y. imported borrow;
(7) 5,500 c.y. struc. excav.;
(8) 5,000 c.y. existing concrete, remove and dispose of;
(9) 14,000 sq. yds. planing existing pavement surface;
(10) 294 sta. finishing rdwy.;
(11) 21,000 tons crushed run base;
(12) 10,500 tons mineral agg. (plant-mix surf.);
(13) 525 tons liquid asphalt SC-4 (do)
(14) 53,500 tons asphalt concrete;
(15) 34,000 lbs. bar reinf. steel (pave. and struc.);
(16) 600 c.y. Class A Portland cement concrete (pave.);
(17) 1,300 each pavement dowels;
(18) 300 c.y. Class A Portland cement concrete (struc.);
(19) 735 c.y. Class A do (sidewalks, curbs and gutters);
(20) 840 l.f. 12-in. standard reinforced concrete pipe;
(21) 1,060 lf. 18-in. do;
(22) 1,300 l.f. 24-in. do;
(23) 320 l.f. 12-in. CMP;
(24) 100 l.f. 15-in. CMP;
(25) 1,450 l.f. 18-in. CMP;
(26) 30 l.f. 21-in. CMP;

(27) 220 l.f. 24-in. CMP;
(28) 1,073 l.f. existing CMP culverts, removed, cleaned and relaid;
(29) 354 l.f. existing CMP culverts, removed, cleaned and salvaged;
(30) 72 each culvert markers;
(31) 1.1 miles new property fence;
(32) 10 each drive gates;
(33) 14,000 sq. yds. asphaltic paint binder;
(34) 115 each monuments, complete, in place;
(35) 10 each brick catch basins;
(36) 0.23 mile existing fences, moved and reset;
(37) 25 ea. existing electroliers, move and reset;
(38) 50 each existing manholes, adjusted to grade;
(39) 50 each existing meter boxes, move and reset;
(40) 100 each exist. sewer vents, do;
(41) 2 each exist. traffic signals, do;
(42) 10 each exist. fire hydrants, do.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

SAN FRANCISCO.—Until Oct. 28, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,821 for the reconstruction of Silver Ave. between Amherst St. and Princeton St. Estimated cost $8,000.

The work involves:
(1) 600 c.y. grading (excavation);
(2) 1 each brick catchbasin reset or reconstructed;
(3) 40 l.f. 10-in. VCP culvert in place;
(4) 560 l.f. 6-in. VCP side sewer, in place;
(5) 456 l.f. armored concrete curb, reset;
(6) 120 l.f. armored concrete curb;
(7) 25,000 sq. ft. remove exist. pavement and replace with 6-inch Class E concrete pavement;
(8) 2200 sq. ft. 1-course conc. sidewalk;
(9) 460 l.f. 6-in. white lacquer traffic line.

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall, upon cash deposit of $10.00.

CONTRACT RE-AWARDED

SANTA CLARA CO., Calif.—Basich Bros., 20550 Normandie Ave., Torrance, at $62,557, awarded contract by the State Division of Highways, C. H. Purcell, Sacramento, for grading and applying road-mix surface treatment on about 1.2 miles between State Route 68 and the north city limits of San Jose.

The contract was previously awarded A. J. Raisch Co., San Jose, at $42,808, but the firm refused the award.

CONTRACT AWARDED

MENDOCINO CO., Calif.—A. Soda & Son, 5231 Grove St., Oakland, at $53,260.40, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.1 miles grading and surfacing with screened gravel on gravel base and constructing a reinforced concrete bridge on steel pile foundations in Mendocino County between Eleven Oaks and Willits.

BIDS WANTED

HICKAM FIELD, T. H.—Until October 22, 2 p.m., as previously reported, bids will be received by Captain H. B. Nurse, Purchasing and Contracting Officer, Hickam Field, Fort Kamehameha, T. H., under Bid No. W-397-37-8, for the construction of roads (second phase) at Hickam Field.

Bids will be taken as follows:
(I)—Work complete, construct and complete subgrading and base course on roads;
(II)—(Alt.) Deduct for omission of work indicated as Alternate "A";
(III)—(Alt.) Deduct for omission of work indicated as Alternate "B";
(IV)—Unit prices:
(1) Excav., general, unclassified, per c.y.;
(2) Excav., trench, unclassified, per c.y.;
(3) Graded and compacted base course, 4 in. thick, per sq. yd.;
(4) 8-in. concrete or clay drain pipe, per l.f.;
(5) 12-in. concrete or clay drain pipe, per l.f.;
(6) 18-in. concrete or clay drain pipe, per l.f.;
(7) Fuel oil, applied, per sq. yd.;
(8) Fuel oil, delivered (in manufacturer's drums), per gal.;
(9) Electric duct, 2-way, in concrete, per duct ft.;
(10) Electric duct, 3-way, in concrete, per duct ft.;
(11) Electric duct, 4-way, in concrete, per duct ft.;
(12) 3-in. galvanized wrought-iron pipe, per l.f.;
(13) Crushed stone, for base, stockpiled, per c.y.;
(14) Overhaul, over or under distances stated, per sta. c.y.;
(15) Header boards, 3x4-in., per l.f.;
(16) Catch basins, each;
(17) Concrete curb, per l.f.;
(18) Concrete curb and gutter, per lin. ft.

Plans and specifications obtainable from the above office upon deposit of a certified check in the amount of $10, payable to the Finance Officer, Fort Shafter, T. H., and on file at the office of the Constructing Quartermaster, Fort Mason.

LOW BIDDERS

RIVERSIDE CO., Calif.—Oswald Bros., 366 E. 58th St., Los Angeles, at $121,600, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about one mile grading and surfacing with plant-mixed surfacing, and constructing a reinforced concrete girder bridge in Riverside County at Snow Creek.

R. E. Campbell, Los Angeles, at $135,672, and George Herz & Co., San Bernardino, at $137,097, submitted second and third low bids, respectively.

BID REJECTED

LAKE CO., Calif.—State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, has rejected all bids received for about 1.3 miles surfacing with gravel and applying seal coat in Lake County between one mile and 2.3 miles north of Kelseyville. Lowest bid was submitted by Chas. Harlow, Jr., Oakland, at $6,630.

The work will be done by day labor.

COMPLETE BID LISTING

CHURCHILL CO., Nevada.—Silver State Constr. Co., Inc., Fallon, at $49,972.97, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system in Churchill County, from a point approximately 450 feet south of the north city limits of Fallon to a point approximately 2.5 miles north, a length of approximately 2.38 miles.

The work involves:
(1) 4 each, remove wooden culverts;
(2) 8,885 l.f. remove fence;
(3) 7,700 c.y. roadway excav.;
(4) 2,320 sta. yds. overhaul;
(5) 41,271 c.y. select borrow;
(6) 430 c.y. structure excavation;
(7) 2.35 mile subgrade;
(8) 2.38 miles finish roadway;
(9) 9,290 tons crushed gravel or stone surface;
(10) 136 c.y. class A concrete;
(11) 30 c.y. class B concrete;
(12) 15,000 lbs. reinf. steel;
(13) 60 MFBM Redwood;
(14) 1,350 l.f. treated piles, Douglas fir;
(15) 45 each, drive treated piles;
(16) 116 l.f. 15-in. CMP, dipped;
(17) 588 l.f. 18-in. do.;
(18) 62 l.f. 24-in. do.;
(19) 100 l.f. 36-in. do.;
(20) 10 c.y. hand-laid riprap;
(21) 38 each, monuments;
(22) 5,585 l.f. construct fence;
(23) 8,123 l.f. reconstruct fence;
(24) Lump sum, miscellaneous items;
(25) Lump sum, water supply line;
(26) 30 each, remove trees;
(27) 5 each, transplant trees.

Total bids follow:
(A) Silver State Constr. Co., Inc., Fallon $49,972.97
(B) Isbell Constr. Co., Reno.. 57,159.45
(C) Dodge Construction, Inc., Fallon 59,963.50
(D) Pacific Constr. Co., San Francisco 70,427.20
(E) Engineer's Estimate 58,360.09

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$25.00	$ 25.00	$20.00	$ 20.00	$20.00
(2)	.02	.04	.03	.02	.02
(3)	.25	.30	.30	.50	.35
(4)	.02	.02	.02	.02	.02
(5)	.32	.45	.50	.55	.45
(6)	2.00	1.50	2.00	2.00	1.50
(7)	100.00	100.00	100.00	200.00	100.00
(8)	100.00	100.00	100.00	200.00	100.00
(9)	1.40	1.50	1.50	2.00	1.50
(10)	30.00	32.00	30.00	35.00	35.00
(11)	30.00	32.00	30.00	35.00	35.00
(12)	.07	.06	.07	.10	.09
(13)	115.00	110.00	120.00	125.00	120.00
(14)	1.00	.70	1.00	.60	.60
(15)	20.00	20.00	20.00	25.00	25.00
(16)	1.50	2.00	2.00	2.00	2.00
(17)	1.50	2.50	2.50	2.50	2.50
(18)	2.50	3.25	3.00	3.50	3.50
(19)	3.50	6.00	5.00	5.50	5.50
(20)	20.00	6.00	7.50	6.00	5.00
(21)	3.00	3.50	3.00	3.00	4.00
(22)	.20	.14	.15	.15	.12
(23)	.05	.10	.10	.10	.08
24)	1000.00	1000.00	200.00	300.00	100.00
(25)	200.00	500.00	900.00	1000.00	950.00
(26)	10.00	5.00	15.00	20.00	10.00
(27)	20.00	25.00	20.00	50.00	20.00

BIDS REJECTED

KERN CO., Calif.—State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, has rejected all bids received for about 0.23 mile grading and surfacing with crusher-run base and road-mix surfacing in Kern County, at railroad crossing one mile east of Rosedale. Lowest bid was submitted by John Jurkovich, Fresno, at $13,066.

The work will be done by day labor.

GRANT APPROVED

PALO ALTO, Santa Clara Co., Cal.—The PWA has approved a grant of $20,070 to the City of Palo Alto to supplement financing of a street improvement, bridge, and sewer project. Total cost of the work is estimated at $44,500.

An asphaltic concrete pavement will be laid on Hamilton Avenue from Ramona to Middlefield Road, and on Alma Street from California Street to El Carmelo Ave. The bridge will be a culvert type span, 20 ft. in length, of reinforced concrete. A storm water sewer system will be laid in Bryant St. from Forest St. to Embarcadero Road.

J. F. Byxbee, city engineer.

BIDS WANTED

HUMBOLDT CO., Nev.—Until Oct. 28, 2:30 P. M., bids will be received

by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg. Carson City, for the construction of a portion of the highway system in Humboldt County, within the city of Winnemucca, a length of approximately 0.66 mile.

The work involves:
(1) 57 l.f. remove culvert pipe;
(2) 97,600 c.y. rdwy. excavation;
(3) 55 c.y. structure excavation;
(4) 15,595 sq. yds. subgrade;
(5) 0.85 mile finish roadway;
(6) 5,608 tons crush. gravel or stone surface;
(7) 96 tons asphaltic road material, Type SC-2;
(8) 8 tons do, Type MC-2;
(9) 15,725 sq. yds. roadmix;
(10) 50 tons screenings;
(11) 240 tons Class A concrete;
(12) 215 lbs. reinforcing steel;
(13) 264 l.f. 12-in. corrugated metal pipe (dipped);
(14) 182 l.f. 18-in. do;
(15) 1,000 c.y. hand laid riprap;
(16) 30 l.f. relay culvert pipe;
(17) 1,846 l.f. guard rail (special);
(18) 22 each monuments;
(19) 144 each move graves;
(20) 1 each, automatic drainage gate
(21) 7 tons, emulsified asphalt penetration;
(22) 900 lbs. castings.

Plans and specifications obtainable from the above office upon deposit of $5.00, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads Federal Office Bldg., San Francisco.

BIDS WANTED

HUMBOLDT CO., Nev.—Until Oct. 28, 2:30 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg. Carson City, for the construction of a portion of the highway system in Humboldt County, within the city of Winnemucca, a length of approximately 0.06 mile.

The work involves:
(1) 1,860 sq. yds. subgrade;
(2) 0.06 mile finish roadway;
(3) 667 tons crushed gravel or stone surface;
(4) 11 tons asphaltic road material, Type SC-2;
(5) 1 ton do, Type MC-2;
(6) 1,860 sq. yds. roadmix;
(7) 7 tons screenings;
(8) 594 l.f. guard rail (special);
(9) 1 ton emulsified asphalt penetration.

Plans and specifications obtainable from the above office upon deposit of $5.00, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads Federal Office Bldg., San Francisco.

CONTRACT AWARDED

JACKSON CO., Ore.—E. L. Gates, Detroit, Oregon, at $72,710, awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for 2.013 miles grading and 1.235 miles advance clearing on the Tiller Trail, Umpqua National Forest, Jackson County, Oregon.

BIDS WANTED

NYE COUNTY, Nevada—Until Oct. 28, 2:00 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg. Carson City, for the construction of a portion of the highway system in Nye County, Route 8A, Section A1, between junction Route 4 and a pt. approximately 5 miles north, a length of approximately 5.01 miles.

The work involves:
(1) 22,141 c.y. rdwy. excavation;
(2) 17,360 sta. yds. overhaul;
(3) 6,201 c.y. select borrow;
(4) 18,069 c.y. imported borrow;
(5) 270 c.y. structure excavation;

NYE COUNTY, NEV.—8.9 MI. HIGHWAY CONS.—(State)

NYE CO., Nevada.—Utah Constr. Co., Ogden, at $54,389.69, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system in Nye County, Route 4, Sections A2, and B, from the east boundary of Nevada National Forest to approximately 9 miles east, a length of approximately 8.9 miles.

The work involves:
(1) 98 l.f. remove culvert pipe;
(2) 1 each, remove wooden culvert;
(3) 53,000 c.y. roadway excavation;
(4) 40,822 sta. yds. overhaul;
(5) 1,985 c.y. select borrow;
(6) 14,173 c.y. imported borrow;
(7) 550 c.y. structure excavation;
(8) 8.9 miles subgrade;
(9) 8.9 miles finish roadway;
(10) 33,600 tons crushed gravel or stone surface;
(11) 230 c.y. Class A concrete;
(12) 42 c.y. Class B concrete;
(13) 35 c.y. cement rubble masonry;
(14) 360 c.y. hand-laid riprap (grouted);
(15) 24,200 lbs. reinforcing steel;
(16) 580 l.f. 18-in. CMP (dipped);
(17) 544 l.f. 24-in. do;
(18) 46 l.f. 30-in. do;
(19) 92 l.f. 36-in. do;
(20) 28 each, monuments;
(21) lump sum, move corral.

Total bids follow:
(A) Utah Constr. Co., Ogden..$54,389.69
(B) Dodge Construction, Inc., Fallon..... 57,607.09
(C) Silver State Constr. Co., Fallon 60,315.84
(D) George Pollock Co., Sacramento 61,414.37
(E) Isbell Constr. Co., Reno.. 62,714.14
(F) George French, Jr., Stockton 68,009.34
(G) Pacific Constr. Co., San Francisco 79,215.94
(H) Engineer's Estimate..... 61,051.34

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .50	$ 1.00	$ .50	$ .75	$ 1.00	$ 1.00	$ 1.00	$ 1.00
(2)	10.00	50.00	50.00	15.00	25.00	25.00	20.00	15.00
(3)	.25	.24	.24	.28	.30	.30	.40	.30
(4)	.02	.02	.02	.01	.02	.02	.02	.02
(5)	.40	.35	.30	.35	.50	.40	.60	.40
(6)	.25	.30	.30	.30	.40	.30	.50	.30
(7)	1.25	1.50	2.00	1.50	1.50	1.00	2.00	1.50
(8)	75.00	100.00	100.00	100.00	100.00	100.00	200.00	100.00
(9)	100.00	100.00	100.00	100.00	100.00	100.00	200.00	100.00
(10)	.50	.55	.55	.65.	.56	.70	[illegible]	.60
(11)	28.00	30.00	40.00	27.00	35.00	30.00	30.00	28.00
(12)	30.00	30.00	40.00	30.00	35.00	30.00	32.00	30.00
(13)	14.00	15.00	20.00	12.00	15.00	20.00	20.00	12.00
(14)	9.00	7.50	10.00	8.00	6.00	15.00	10.00	7.00
(15)	.085	.07	.07	.08	.07	.07	.10	.08
(16)	1.75	3.00	2.00	2.50	2.10	2.50	2.50	2.25
(17)	2.75	4.00	2.50	3.00	3.25	3.50	3.00	3.00
(18)	4.00	5.00	3.00	4.00	4.00	5.00	4.00	4.00
(19)	6.00	6.00	4.00	6.00	6.25	6.00	6.00	6.00
(20)	3.50	3.00	4.00	4.00	3.50	3.00	4.00	4.00
(21)	50.00	30.00	100.00	50.00	50.00	100.00	50.00	50.00

SAN DIEGO COUNTY—3.326 MI. GRADING—(Govt.)

SAN DIEGO CO., Calif.—Martin Bros. Trucking Co., 1389 Gladys Ave., Long Beach, at $46,436.90, submitted low bid and recommended for award of contract by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for 3.326 miles grading and placing selected material subgrade reinforcement on Section E of Route 73, the Laguna National Forest Highway, Cleveland National Forest, San Diego County.

The work involves:
(1) 57,000 c.y. unclass. excav.;
(2) 650 c.y. do. for structures;
(3) 15,600 c.y. do. for borrow;
(4) 30,100 sta. yds. overhaul;
(5) 17,300 c.y. mi. haul;
(6) 88 l.f. 8-in. CMP;
(7) 320 l.f. 12-in. CMP;
(8) 386 l.f. 18-in. CMP;
(9) 574 l.f. 24-in. CMP;
(10) 122 l.f. 30-in. CMP;
(11) 126 l.f. 36-in. CMP;
(12) 74 l.f. 54-in. CMP (12 gauge);
(13) 66 l.f. 54-in. CMP (8 gauge);
(14) 42 c.y. concrete;
(15) 900 lbs. reinforcing steel;
(16) 4 Type A spillway inlets;
(17) 6,000 l.f. Type 1 protection ditch;
(18) 52 culvert markers;
(19) Extra work, obliteration of old roads;
(20) Extra work, fill slope erosion control;
(21) Extra work, miscellaneous clearing.

Total bids follow:
(A) Martin Bros. Trucking Co., Long Beach.....$46,436.90
(B) V. R. Dennis Constr. Co., San Diego..... 50,941.80
(C) C. G. Willis & Sons, Inc., Los Angeles 62,798.50
(D) R. E. Campbell, L. A..... 78,775.00
(E) Bennett & Taylor, L. A. 86,159.00
(F) Engineer's estimate 41,867.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .47	$ .54	$ .78	$ .90	$ .96	$ .40
(2)	1.00	1.50	1.00	2.00	3.00	1.50
(3)	.25	.30	.30	.60	.85	.40
(4)	.02	.02	.01	.01	.05	.005
(5)	.25	.15	.20	.15	.21	.15
(6)	1.50	1.50	1.15	2.00	2.00	1.00
(7)	1.75	1.80	1.40	2.50	2.25	1.50
(8)	2.50	2.60	2.00	3.00	2.50	2.00
(9)	3.10	3.80	2.70	4.00	3.00	3.00
(10)	3.75	5.00	3.50	5.50	3.50	3.50
(11)	5.50	7.00	5.00	7.00	8.00	4.50
(12)	12.50	11.00	8.25	10.00	12.00	8.50
(13)	15.00	15.00	11.50	14.00	15.00	11.50
(14)	28.00	37.00	40.00	40.00	25.00	30.00
(15)	.06	.07	.10	.06	.07	.07
(16)	20.00	20.00	20.00	20.00	14.00	15.00
(17)	.15	.20	.12	.50	.20	.15
(18)	4.00	2.50	2.50	4.00	3.00	2.50
(19)	500.00	500.00	500.00	500.00	500.00	500.00
(20)	500.00	500.00	500.00	500.00	500.00	500.00
(21)	250.00	250.00	250.00	250.00	250.00	250.00

(6) 5.01 mile subgrade;
(7) 5.01 mile finish roadway;
(8) 23,740 tons crush. gravel or stone surface;
(9) 22 c.y. Class A concrete;
(10) 50 c.y. Class B concrete;
(11) 3,486 lbs. reinforcing steel;
(12) 34 l.f. 18-in. corru. metal pipe (dipped);
(13) 508 l.f. 24-in. do;
(14) 218 l.f. 30-in. do;
(15) 154 l.f. 36-in. do;
(16) 12 each, monuments.

Plans and specifications obtainable from the above office upon deposit of $5.00, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads Federal Office Bldg., San Francisco.

BIDS WANTED

VALLEJO, Solano Co., Calif.—Until October 19, 11 A. M., bids will be received by the Vallejo City Council, Alf. E. Edgcumbe, City Clerk, under Intention No. 182, for the improvement of Ohio Street from Napa Rd. to the railroad; of Monterey St. from Kentucky St. to Tennessee St.; and of Sulphur Springs Road from Napa Road to Amador St. Cost is estimated at approximately $18,000.

The work involves:
(1) 291 c.y. grading;
(2) 1,504.10 tons 3-in. slurry base;
(3) 85,948.83 sq. ft. 2-in. asphaltic concrete top;
(4) 347.4 c.y. combined concrete curb and gutter;
(5) 41.67 c.y. 5-in. concrete alley intersections;
(6) 339.29 l.f. curb armor;
(7) 3 only, curb inlets;
(8) 2 only, manholes;
(9) 1 only, catchbasin;
(10) 100 l.f. 4-in. house lateral sewer pipe;
(11) 18 l.f. 6-in. vitrified clay pipe;
(12) 120 l.f. 24x18-in. reinforced concrete pipe;
(13) 1151 sq. ft. sidewalks;
(14) 18 l.f. 24-in. vitrified clay pipe.

Plans and specifications obtainable from the office of City Engineer T. D. Kilkenny upon deposit of $10.

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—P. E. Carr, 1356 Arrowhead Avenue, San Bernardino, at $3,081.76, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 2.9 miles removing and resetting palm trees in San Bernardino County, between Colton and the San Bernardino County line.

LOW BIDDER

PIERCE CO., Washington.—Warren Northwest, Inc., P.O. Box 5072, Portland, at $52,768, submitted low bid to the Bureau of Public Roads, 316 New Post Office Building, Portland, W. H. Lynch, District Engineer, for 12.302 miles bituminous retread and seal in Mt. Rainier National Park, on the West Entrance-Paradise Inn Road (West Entrance Nisqually Glacier Bridge Section), Pierce County.

The principal items of work involved are:
(1) 1,830 c.y. unclass. excavation for structures;
(2) 195 l.f. culverts;
(3) 5,000 l.f. perforated corrugated galvanized metal pipe underdrain;
(4) 200 tons mixing type emulsion;
(5) 425 tons penetration type emulsion;
(6) 9,300 tons aggregate;

CONTRACT AWARDED.

SAN FRANCISCO, Cal.—M. J.Lynch, Oakdale and Barnevald Aves., at $20,495.50 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,968 for the widening and reconstruction of California St., between Presidio Ave. and Arguello Blvd.

RIVERSIDE COUNTY—1 MI. GRADE & SURF.—(State)

RIVERSIDE CO., Calif.—Oswald Bros., 366 E. 58th St., Los Angeles, at $121,600.50, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about one mile grading and surfacing with plant-mixed surfacing, and constructing a reinforced concrete girder bridge in Riverside County at Snow Creek.

The work involves:
(1) 550 M. gals. water;
(2) 53,700 c.y. roadway excav., unclassified;
(3) 2,320 c.y. struc. excav.;
(4) 11,800 sta. yds. overhaul;
(5) 27,500 c.y. selected material;
(6) 51 sta. finishing roadway;
(7) 212 tons liquid asphalt, 90-95 (plant-mix surf.);
(8) 4,235 tons mineral aggregate (plant-mix surf.);
(9) 12 tons liq. asphalt, 90-95 (seal coat surf.);
(10) 140 tons screenings (seal coat, surf.);
(11) 123 tons liq. asphalt, ROMC-3 or ROMC-4 (road-mix, surface treat.);
(12) 11,900 sq. yds. preparing, mixing and shaping shoulders and detour;
(13) 5 tons liq. asphalt, ROMC-3 or ROMC-4 (seal coat, shoulders);
(14) 47 tons sand (seal coat, shoulders);
(15) 238,000 lbs. bar reinf. steel;
(16) 1,160 c.y. class A portland cement concrete (structures);
(17) 26 c.y. class A portland cement concrete (railing);
(18) 184 lbs. bronze;
(19) 40 l.f. 8-in. CMP;
(20) 336 l.f. 24-in. CMP;
(21) 3 each spillway assemblies;
(22) 7 each culvert markers;
(23) 64 each guide posts;
(24) 300 l.f. laminated guard railing;
(25) 1 only bridge removed and disposed of;
(26) 1 lot misc. bridge items;
(27) 22 each monuments, complete, in place.

NOTE: The State will furnish corrugated metal pipe and spillway assemblies, as more explicitly set forth in the special provisions.

Total bids follow:
(A) Oswald Bros., Los Angeles—$121,600.50.
(B) R. E. Campbell, Los Angeles—$135,672.95.
(C) George Herz & Co., San Bernardino—$137,097.15.
(D) United Concrete Pipe Corp., Los Angeles—$137,199.35.
(E) Dimmitt & Taylor, Los Angeles—$139,894.50.
(F) B. G. Carroll, San Diego—$140,524.10.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 3.50	$ 3.00	$ 2.00	$ 1.00	$ 2.50	$ 2.30
(2)	.75	.70	.98	.80	1.00	1.05
(3)	1.50	3.00	3.20	1.50	2.30	3.00
(4)	.01	.01	.01	.01	.015	.005
(5)	.30	.50	.32	.50	.25	.50
(6)	5.00	10.00	7.00	6.00	10.00	14.00
(7)	16.00	16.40	17.00	18.00	16.00	18.00
(8)	3.00	3.70	2.65	3.44	3.00	2.50
(9)	23.00	22.50	23.00	25.00	20.00	21.50
(10)	3.50	3.30	3.40	3.35	3.00	3.50
(11)	21.00	21.00	21.00	29.40	18.00	20.00
(12)	.07	.06	.08	.10	.08	.10
(13)	40.00	37.50	37.00	40.00	35.00	35.00
(14)	2.50	2.25	2.00	3.25	2.00	3.00
(15)	.055	.0475	.045	.06	.05	.05
(16)	24.00	28.00	25.00	27.00	30.00	23.50
(17)	70.00	60.00	60.00	70.00	60.00	55.00
(18)	.50	.60	.50	.50	.50	.60
(19)	.75	1.00	.50	.50	.50	.50
(20)	.75	1.00	.70	1.25	1.00	.70
(21)	7.50	5.00	10.00	15.00	7.00	5.00
(22)	2.50	4.00	3.0	5.00	2.50	3.00
(23)	2.50	3.00	3.00	4.00	2.50	3.00
(24)	1.50	1.50	1.25	1.25	1.20	1.25
(25)	1000.00	1050.00	2600.00	500.00	500.00	300.00
(26)	1000.00	3100.00	1500.00	1600.00	600.00	400.00
(27)	3.50	5.00	3.00	5.00	4.00	3.00

SAN FRANCISCO—RECONSTRUCT ROADWAY—(City)

SAN FRANCISCO.—Eaton & Smith 715 Ocean Ave., at $24,550 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,981, for the reconstruction of roadway of 18th St. between Guerrero and Danvers Streets, a PWA project.

The work involves:
(1) 120,000 sq. ft. removing concrete wearing surface;
(2) 1,100 tons asphaltic concrete base and leveling course;
(3) 2,000 tons asphaltic concrete wearing surface;
(4) 200 tons asphaltic concrete conform pavement;
(5) 3,500 l.f. stone curb, reset;
(6) 1,500 sq. ft. stone curb, redressed and reset;
(7) 200 l.f. new stone curb, tangent;
(8) 25 l.f. new stone curb, circular;
(9) 20 manhole frames and covers;
(10) 10,000 sq. ft. two-course concrete sidewalk;
(11) 30 brick catchbasins, new, complete with concrete curb inlets;
(12) 2,800 l.f. 6-in. white lacquer traffic stripe.

Total bids follow:
(A) Eaton & Smith.....$24,550.00
(B) Fay Improvement Co..... 24,607.50
(C) Chas. L. Harney..... 24,864.00
(D) Mills Const. Co..... 26,942.00
(E) M. J. Lynch..... 27,709.00
(F) E. J. Treacy..... 28,210.00
(G) Lowrie Paving Co..... 30,301.50
(H) Pacific States Const. Co. 31,842.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .025	$ .03	$ .026	$ .035	$ .04	$ .05	$ .05	$ .025
(2)	4.00	3.68	3.90	4.65	4.25	4.10	4.40	5.25
(3)	4.11	4.27	4.70	4.65	4.80	4.30	4.80	5.25
(4)	4.30	4.75	4.90	5.00	5.00	4.30	5.15	5.50
(5)	.37	.35	.35	.40	.40	.50	.75	.90
(6)	.92	.90	.80	.60	.65	1.00	.50	1.40
(7)	1.85	1.78	2.25	2.00	2.50	1.75	3.30	2.50
(8)	2.20	2.50	5.00	3.00	3.00	4.00	3.50	3.50
(9)	27.00	23.00	25.00	25.00	25.00	20.00	30.00	40.00
(10)	.16	.12	.14	.14	.14	.16	.14	.17
(11)	92.00	92.00	70.00	80.00	90.00	80.00	87.50	100.00
(12)	.025	.02	.03	.09	.03	.05	.03	.04

COMPLETE BID LISTING

HUMBOLDT CO., Calif. — Silver State Constr. Co., Inc., Fallon, at $9,825.90, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system in Humboldt County, Route 8, Section A1, within the city of Winnemucca, a length of approximately 0.26 mile.

The work involves:

(1) 141 l.f. remove culvert pipe;
(2) 2 each, remove trees;
(3) 4,460 c.y. roadway excav.;
(4) 1,744 c.y. select borrow;
(5) 50 c.y. structure excav.;
(6) 0.26 mile finish roadway;
(7) 165 c.y. Class A concrete;
(8) 180 lbs. reinforcing steel;
(9) 132 l.f. 8-in. CMP;
(10) 146 l.f. 12-in. CMP;
(11) 3 ea., adjust water meter boxes;
(12) 1,500 lbs. castings.

Total bids follow:

(A) Silver State Constr. Co., Inc., Fallon $9,825.90
(B) Dodge Constr., Inc., Fallon 11,704.00
(C) Pacific Constr. Co., San Francisco 18,820.00
(D) Engineer's Estimate 13,196.00

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)....	$ .50	$ 1.00	$ 1.00	$ 1.00
(2)....	20.00	25.00	30.00	20.00
(3)....	.60	.80	1.75	1.25
(4)....	.60	.75	1.50	.75
(5)....	3.00	2.00	3.00	2.00
(6)....	500.00	2000.00	1000.00	1000.00
(7)....	30.00	30.00	40.00	30.00
(8)....	.10	.10	.20	.10
(9)....	1.50	2.00	2.00	1.25
(10)....	2.00	2.50	3.00	1.50
(11)....	10.00	15.00	25.00	15.00
(12)....	.15	.25	.25	.25

LOW BIDDER

YAKIMA CO., Washington.—Elliott & Co., 2153 Northlake, Seattle, at $68,334, submitted low bid to the Bureau of Public Roads, 316 New Post Office Building, Portland, W. H. Lynch, District Engineer, for approximately 1.072 miles grading and 0.028 mile bridge on the Randle-Yakima (east side) highway, Snoqualmie National Forest, Yakima County.

The principal items of work involved are:

(1) 15 A. clearing;
(2) 9 A. grubbing;
(3) 156,900 c.y. unclass. excav.;
(4) 121,500 sta. yds. overhaul;
(5) 6,000 l.f. rounding out slopes;
(6) 38 M. ft. b.m. treated timber, in place;
(7) 100 c.y. Class A concrete;
(8) 133 c.y. Class D concrete;
(9) 23,500 lbs. reinforcing steel;
(10) 20,500 lbs. structural steel;
(11) Lump sum, extra and miscellaneous force account work.

HICKAM FIELD, T. H.—SEWER SYSTEM—(Government)

HICKAM FIELD, T. H.—Marks Const. Co., Ltd., Honolulu, at $110,000 as previously reported, submitted low bid to Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. 397-37-5, for construction of a sanitary sewer system, together with sewage pumping plants, buildings and outfall lines at Hickam Field, Fort Kamehameha, T. H.

Bids were taken as follows:

(I)—Construction complete of the sanitary sewer system, four pump houses, buildings, etc.
(II)—(Alt.) Deduct if all pumping equipment in Pumping Stations Nos. 2 and 4 is omitted.
(III)—(Alt.) Add or deduct if concrete manholes are built in lieu of brick manholes.
(IV)—(Alt.) Add or deduct if asbestos-cement pipe is used in lieu of cast-iron pipe.
(V)—(Alt.) Add or deduct if centrifugally cast, reinforced concrete pipe is used in lieu of cast-iron pipe.
(VI)—Unit prices, to be used as a basis in making additions to, or deductions from, the contract price provided any deviation from the drawings and specifications is made.

(1) Excavation per c.y., general, unclassified;
(2) Backfill per c.y., compacted;
(3) 12-in. cast-iron pipe, per l.f.;
(4) 12-in. asbestos-cement pipe, per l.f.;
(5) 12-in. concrete pipe, per l.f.
(6) 10-in. cast-iron pipe, per l.f.;
(7) 10-in. asbestos-cement pipe, per l.f.;
(8) 10-in. concrete pipe, per l.f.;
(9) 18-in. vitrified clay pipe, per l.f.;
(10) 15-in. do.;
(11) 12-in. do.;
(12) 10-in. do.;
(13) 8-in. do.;
(14) 6-in. do.;
(15) Cast-iron specials, per lb.;
(16) Brick, common cement, per M.;
(17) Concrete, Type A, including forms, per c.y.;
(18) Concrete, Type B, per c.y.;
(19) Reinforcing steel, per ton;
(20) Manhole castings, per lb.;
(21) Brick manholes, complete, 5-ft. deep, each;
(22) Brick manholes, over 5 ft. deep, per ft. of depth;
(23) Concrete manholes, 5 ft. deep, each;
(24) Concrete manholes, over 5 ft. deep, per ft. of depth.

NOTE: Pipe specials for vitrified clay and concrete pipe will be paid for at twice the price per length of pipe.

Total bids follow:

(A) Marks Const. Co., Ltd., Honolulu: (I) $110,000; (II) Deduct $4,160; (III) Add $300; (IV) Add $700; (V) Add $700.

(B) James W. Glover, Honolulu: (I) $132,763; (II) $2,700; (III) Add $500; (IV) Add $10; (V) Add $1,000.

(C) Young Engr. Corp., Honolulu: (I) $138,300; (II) Deduct $5,400; (III) Add $1,380; (IV) Add $3,927; (V) Add $2,463.50.

(D) Ralph E. Woolley, Honolulu: (I) $139,900; (II) Deduct $6,000; (III) Deduct, $2,800; (IV) Deduct $2,400; (V) Deduct $4,000.

(E) John Hansen, Honolulu: (I) $148,935; (II) Deduct $4,750; (III) Deduct $1,000; (IV) Deduct $400; (V) Add $300.

(F) W. S. Ching, Honolulu: (I) $157,876; (II) Deduct $4,976; (III) Add $1,710; (IV) Deduct $1,500; (V) Deduct $750.

(G) Hawaiian Contr. Co., Ltd., Honolulu: (I) $163,369; (II) Deduct $5,762; (III) Add $2,478; (IV) Deduct $500; (V) Deduct $2,856.

(H) Geo. Hess, Los Angeles: (I) $163,456; (II) Deduct $5,390; (III) Deduct $1,540; (IV) Add $250; (V) Deduct $2,535.

(I) E. E. Black, Ltd., Honolulu: (I) $167,821; (II) Deduct $4,300; (III) Add $1,000; (IV) no additional cost; (V) Deduct $2,000.

(J) Moses Akiona, Honolulu: (I) $169,500; (II Deduct $7,900; (III) Add $1,400; (IV) Deduct $1,100; (V) Deduct $1,100.

STIPULATIONS:

Young Engr. Corp.: Qualified that Items No. 22 and 24 is for each additional foot or fraction thereof over 5 ft. Items No. 4 and 5 based on manufacturers' specification for laying, joining and testing.

E. E. Black, Ltd.: Price bid on Item No. 18 does not include forms.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	$ .75	$ 1.55	$ 1.00	$ .78	$ 2.65	$ 3.10	$ 2.26	$ 1.65	$ 1.78	$ 3.10
(2).....	.25	.40	.50	.53	.40	.75	.75	.80	.59	.30
(3).....	2.30	2.23	1.90	2.83	2.48	2.85	2.60	2.60	2.32	2.70
(4).....	2.45	2.28	2.50	2.48	2.38	2.41	2.55	2.65	2.32	2.47
(5).....	2.45	2.40	2.30	2.14	2.42	2.52	2.20	2.20	2.12	2.20
(6).....	1.85	1.79	1.75	2.33	2.10	2.25	2.09	2.20	1.85	2.00
(7).....	1.90	1.80	2.25	1.87	1.87	1.87	1.95	2.20	1.81	1.98
(8).....	1.90	1.85	2.00	1.80	2.87	1.99	1.80	1.90	1.69	1.87
(9).....	2.34	2.05	2.55	2.24	2.30	2.42	2.75	2.50	2.41	2.85
(10).....	1.43	1.50	1.85	1.56	1.65	1.92	2.00	2.10	1.75	1.83
(11).....	1.02	.93	1.10	.97	1.08	1.27	1.30	1.60	1.12	1.55
(12).....	.80	.77	.80	.77	.86	1.10	1.00	1.20	.84	1.03
(13).....	.57	.55	.55	.58	.66	.87	.75	.95	.61	.75
(14).....	.45	.50	.40	.46	.48	.76	.55	.70	.47	.60
(15).....	.06	.075	.06	.06	.10	.08	.08	.10	.07	.08
(16).....	48.00	50.00	55.00	54.00	40.00	35.00	76.00	55.00	50.00	40.00
(17).....	20.00	26.50	17.00	13.50	29.00	26.00	30.00	30.00	.....	45.00
(18).....	22.00	25.00	19.00	10.00	25.00	22.50	25.00	27.00	10.78	40.00
(19).....	100.00	110.00	90.00	81.00	100.00	105.00	120.00	110.00	90.00	120.00
(20).....	.05	.06	.05	.05	.06	.06	.07	.06	.045	.05
(21).....	65.00	67.00	78.00	68.00	78.20	87.50	90.00	100.00	68.00	105.00
(22).....	13.00	14.00	6.00	19.00	13.50	12.00	11.00	20.00	12.00	13.00
(23).....	68.00	75.00	88.00	56.00	72.00	100.00	107.00	90.00	70.00	115.00
(24).....	13.00	16.00	7.00	17.00	12.50	15.00	14.50	18.00	12.50	18.00

30—RESERVOIRS & DAMS

PROJECT ABANDONED

LODI, San Joaquin Co., Calif.—City Council has voted to cancel a bond issue of $466,000 for construction of a hydro-electric plant on the Mokelumne River and to abandon the project. Final action of the resolution will be taken at a meeting November 9.

The council will accept an offer of the Pacific Gas & Electric Company to pay the city $75,000 for the city's property rights on the river. Construction of the power plant has been delayed by suits of the P. G. & E. to enjoin the municipality from proceeding with the project. Total cost of the development it was estimated originally would approximate $600,000 and a PWA grant of 30 per cent of the cost has been allocated to supplement the bond proceeds. However, costs of construction have risen 20 per cent since the original estimates were prepared, City Engineer Clinton O. Henning advised the council, indicating that available funds now are insufficient.

CONTEMPLATED

VENTURA, Calif.—Members of the Ventura city council, planning commission, and the chamber of commerce water committee, met recently and decided to place before the voters early in December a proposal to construct a $1,150,000 dam and a $250,000 water treatment plant on the Santa Ana River. Besides the members of the various organizations, there were present at the meeting City Manager D. C. McMillan, City Engineer Carl Froerer, and City Water Superintendent Charles F. Zapf. At a previous election, the project was favored by a majority, but failed to secure the required two-thirds vote.

J. B. Lippincott, consulting engineer, reports that the dam would be

87 feet high and impound 9800 acre-feet of water, estimated cost, $700,000. Type of construction would permit adding to the structure to make a 112-ft. dam, impounding 20,000 acre-feet, as an additional supply was needed.

BID OPENING POSTPONED

SAN FRANCISCO.—Until October 29, 3 p.m., date postponed from October 15, previously reported, bids will be received by the Public Utilities Commission, Roo m287, City Hall, under Spec. No. W.D. 111, for the construction of concrete lining, roof and control works for the University Mound Reservoir.

REVISED PLAN APPROVED

EUREKA, Humboldt Co., Calif.—State Engineer Edward Hyatt has approved revised plans for the Mad River dam of the Eureka municipal water supply system and pouring of concrete was scheduled to start October 12 by T. E. Connolly-Hanrahan Company, contractors on the head-works unit.

Clyde C. Kennedy, San Francisco, is engineer for the project. •

BIDS OPENED

LOS ANGELES.—J. C. Hickey, 320 S. Palm, Alhambra, at $37,336, submitted low bid to the Los Angeles Water & Power Bureau, D. P. Nicklin, Purchasing Agent, for the construction of Silver Lake Gate Tower and appurtenant structures, under Spec. No. X-53, a PWA project.

The work will involve the following:

(a) 3550 c.y. channel excavation (approach to tower);
(b) 290 l.f. tunnel excavation (from gate tower to portal below dam)
(c) 290 l.f. concrete tunnel lining;
(d) construct conc. gate dan screen tower and junction box to tunnel, including gates and other appurtenances;
(e) furnish and erect 46-ft. deck span riveted steel truss foot bridge with reinf. concrete deck slab;
(f) alternate bridge plan, same as (e) above, except with welded steel truss;
(g) construct reinf. concrete abutment and floor slab for the approach to bridge;
(h) 140 l.f. trench excav. for 40-inch steel pipe from tunnel portal below dam to a junction with the existing 40-in. steel pipe;
(i) furnish and install 138 l.f. of 40x ⅜-in. welded steel pipe, including one steel manhole;
(j) construct reinf. concrete jacket around the above described pipe;
(k) 140 l.f. backfill above 40-in. steel pipe trench;
(l) construct reinf. concrete box over steel manhole, involving 434 c.y. concrete;
(m) construct reinforced conc. side channel spillway and 36-in. concrete outlet pipe connecting to existing drain;
(n) excavation and embankment for face slab on dam;
(o) construct 10,582 sq. ft. concrete face slab and 814 l.f. concrete curb along upstream face of Silver Lake Dam.

J. C. Hickey, Alhambra, $37,336; alternate bid, $37,336.

J. R. Lippincott, Los Angeles, $41,099.96; alternate bid, $41,077.96.

Marko Mattick, Los Angeles, $42,666.09; alternate bid, $42,579.09.

Contracting Engineers, Inc., Los Angeles, $43,245; alternate bid, $43,245.

R. H. Travers, Los Angeles, $45,232; alternate bid, $45,200.

Radich and Brown, Los Angeles, $52,171; alternate bid, $52,171.

Case Construction Co., Alhambra, $59,513.50; alternate bid, $59,513.50.

Hoagland Engineering and Construction Co., Long Beach, $65,141; alternate bid, $64,816.

Hanson, Howard & Schaeffer, Inc., Los Angeles, $66,417.90; alternate bid, $66,417.90.

George Hess, Los Angeles, $66,367.00; alternate bid, $66,360.97.

31—PIPE LINES & WELLS

BIDS WANTED

OGDEN RIVER PROJ., Utah.—Until October 30, 10 A. M., bids will be received by the Bureau of Reclamation, Ogden, Utah, under Spec. No. 847-D, for construction of the Ogden Canyon siphon, South Ogden highline canal, Ogden River Project.

The work is located near Ogden and the principal items of work involved are:

(1) 960 c.y. all classes of open-cut excavation;
(2) 140 c.y. excavation in tunnels for anchorages;
(3) 150 c.y. backfill;
(4) 175 c.y. concrete;
(5) Placing 4,300 lbs. reinf. bars;
(6) Drilling 80 l.f. holes for anchor bars;
(7) Installing 1,200 lbs. gates and gate hoists;
(8) Erecting the suspension bridge;
(9) Erecting the plate-steel siphon pipe.

Work shall be commenced within 30 calendar days and completed within 175 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation, Ogden, Utah, or Denver, Colo., without charge to prospective bidders; to others, $2.50, not returnable.

LOW BIDDERS

SALEM, Oregon.—American Concrete & Steel Pipe Co., 459 E. 15th St., Tacoma, at $649,272 for 5.76 mi. of concrete pipe and 10.6 mi. of steel pipe, submitted low bid to the Salem City Council for construction of a water supply line to be built between the east city limits of Stayton, Oregon, and distributing reservoir in Salem.

James Crick, Spokane, at $652,391, on all steel pipe, submitted second low bid.

Complete bids will be published shortly.

Stevens & Koon, Spalding Bldg., Portland, consulting engineers. •

32— SEWERS & SEWAGE DISPOSAL PLANTS

FUNDS ALLOTTED

SAN JOSE, Santa Clara Co., Calif.—City Manager C. B. Goodwin reports work will start at once on a WPA project to construct sanitary sewers in the recently annexed Willow Glen section of the city at an estimated cost of $645,922. A second project approved by WPA involves repair and improvement of the San Jose outfall sewer at an estimated cost of $151,769. Employment for 900 relief workers for a period of nine months will be provided by the two projects.

PLANNED

BAKERSFIELD, Kern Co., Calif.—City Engineer Joe Holfelder has recommended to the city council that the city co-operate with the Kern County supervisors in the formation of a sanitary district to provide a sewage system and a sewage treatment plant for greater Bakersfield. The present system consists of 93 miles of laterals and branch sewers, and 7,000 connections, with a septic tank and sedimentation plant constructed in 1912. The latter is reported to be inefficient at the present time. It is located on the proposed site for the new plant, 3½ miles southeast of the city, where Bakersfield has a 480-acre sewer farm. Estimated costs of the proposed plant are:

Primary type—Bakersfield, $67,375; operating costs, $11 per day. Greater Bakersfield, $81,250; operating costs, $12.50 per day.

The costs of other types of plants are:

Chemical precipitation—Bakersfield $99,372; Greater Bakersfield, $122,522.

Trickling filters—Bakersfield, $239,120; Greater Bakersfield, $298,000.

Activated sludge—Bakersfield, $208,575; Greater Bakersfield, $266,500.

October 13, 1936

BIDS OPENED

SACRAMENTO.—J. W. Terrell, 2765 Donner Way, Sacramento, submitted the only bid received by the Sacramento City Council, H. G. Denton, Clerk, for the reconstruction of the sewer in the alley between I and J, 7th and 8th Sts.

Unit bids follow:

(1) 190 l.f. 8-in. vitrified iron-stone pipe sewer, $2.40 per l.f.;
(2) 2 gutter drains, $25 each;
(3) 380 sq. ft. pavement to be removed and replaced, $0.20 per sq. ft.

GRANT APPROVED

NEWPORT BEACH, Orange Co., Calif.—PWA has approved an allocation of $152,000 to the City of Newport Beach to aid in financing construction of a sewer system. The balance of the funds will be furnished by the city which voted $300,000 in bonds recently. Plans for the project were prepared by City Engineer R. L. Patterson. The work includes construction of a disposal plant at the Santa Ana river outlet, 3 underground pumping plants and 30,000 ft. of mains composed of 8-in. to 30-in. pipe. The affluent from the plant will be handled through the joint outfall sewer.

BIDS WANTED

SAN FRANCISCO.—Until Oct. 28, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,961, for the construction of the third unit of Alemany Sewer Extension, Section E, a three-compartment sewer on piles, in Selby St. between Galvez and Evans Sts., a PWA project.

Estimated cost, $121,000.

The work involves:

(1) 455 l.f. 3-compartment 7-ft. 6-in. x 10-ft. reinf. concrete sewer, exclusive of piles;
(2) 6 each manholes on 3-compartment sewer;
(3) 1 each manhole on 15-in. VCP sewer;
(4) 1 each, manhole on 4-ft. 6-inch circular reinf. concrete sewer;
(5) 1365 l.f. 12-in. VCP underdrain, covered with concrete or broken rock as directed;
(6) lump sum wood connection from reinf. concrete sewer to existing wood box sewer, exclusive of the piles;
(7) 113,000 l.f. piles, below cut-off;
(8) 20 l.f. 15-in. VCP sewer;
(9) 21 l.f. 4-ft. 6-in. circular reinf. concrete sewer, exclusive of piles
(10) 4 catchbasins complete;
(11) 139 l.f. 10-in. VCP culvert;
(12) 130 l.f. stand. guard rail (heavy type);
(13) lump sum alteration of 12-inch high pressure water main.

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall, upon cash deposit of $10.00. •

BIDS OPENED

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., at $2,672.15, submitted low bid to the Department of Public

Works, City Hall, under Spec. No. 18,980, for the construction of a sewer in Iowa Street, between 18th and Mariposa Sts.

The work involves:

(1) 409 l.f. 21-in. VCP sewer, incased in concrete;
(2) 15 each, 21x8-in. Y or T branches.

Total bids follow:

(A) Eaton & Smith.....$2,672.15
(B) Chas. L. Harney..... 3,105.00
(C) E. J. Treacy..... 3,746.29
(D) Mills Constr. Co..... 4,037.75
(E) W. J. Tobin..... 4,983.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	$6.35	$7.50	$8.81	$9.75	$12.00
(2).....	5.00	2.50	10.00	10.00	5.00

TO ASK NEW BIDS

SAN JACINTO, Riverside Co., Cal.—City Council rejected all bids received October 9 for construction of the sewer collection system and treatment plant. A new call for bids will be issued shortly, and segregated bids will be taken for the plant and collection system separately.

Koebig & Koebig, 820 Rowan Bldg., Los Angeles, engineers, have announced that several of the low bidders misinterpreted the bid form and submitted unit prices for extensions or vice versa.

The total bids were:

J. L. Kruly, Laguna Beach....$39,546.55
John Grancich & Co., L. A..... 41,012.39
J. C. Hickey, Alhambra..... 43,951.55
Sutalo & Ramljak, L. A..... 45,440.45
Sanitary Const. & Engr. Co., Long Beach 47,292.80
V.C.K. Const. Co., L. A..... 48,606.73
Gogo & Rados, L. A..... 49,584.03
E. C. Nickel, Los Angeles..... 50,116.82
A. & B. Const. Co., Monterey Park 52,795.26
Peerless Concrete Pipe Corp., San Jacinto 53,957.83

BIDS WANTED

SAN ANSELMO, Marin Co., Calif.—Until October 21, 12 M., bids will be received by Sanitary District No. 1, 122 Tunstead Ave., San Anselmo, A. B. Shearer, Secretary, for furnishing and installing a new 6-in. cast-iron sewer across creek under the Barber Street bridge.

Plans and specifications obtainable from the above office.

33— WATER WORKS

CONTEMPLATED

MARYSVILLE, Yuba Co., Calif.—City Council has received an estimate of $272,916 as the cost of constructing a municipal water system, including a central pumping plant, storage reservoir and two auxiliary pumping plants, with distribution mains. The estimate was presented by Councilman Leo J. Smith, chairman of a special committee to investigate municipal ownership of the water system. It is proposed to finance the new construction with revenue bonds.

BIDS WANTED

LA MESA, San Diego Co., Calif.—Until October 19, 10 a.m., bids will be received by the La Mesa, Lemon Grove and Spring Valley Irrigation District, 4769 Spring St., La Mesa, for furnishing the following:

(1) 6000 ft. 4-in. class 150 bell and spigot CI pipe;
(2) 1000 ft. 4-in. class 250 same;
(3) 1500 ft. 6-in. class 150 same;
(4) 1000 ft. 6-in. class 250 same;
(5) 6 6-in. hub end tees;
(6) 6 6-in. hub and spigot 45-deg. bends;
(7) 6 6-in. hub and spigot 90-deg. bends;
(8) 6 6-in. hub and spigot 22½-deg. bends;
(9) 10 6x10-in. sleeves;
(10) 10 4-in. hub and spigot 90-deg. bends;
(11) 10 4-in. hub and spigot 45-deg. bends;
(12) 10 4-in. hub and spigot 22½-deg. bends;
(13) 10 4x10-in. sleeves.

Pipe shall be manufactured in accordance with Spec. WW-P-421, a copy of which is on file at the office of the district. Pipe shall be in 18-ft. lengths and shall be delivered to the district yards at La Mesa and shall be shipped to San Diego by a steamship company making San Diego a regular port of call. For further information address the district at the above address.

CONTRACT AWARDED

SAN FRANCISCO.—Pacific States Cast Iron Pipe Co., Rialto Bldg., at $0.37 per l.f. for 3000 ft. of 3-in., and at $0.215 per l.f. for 3000 ft. of 2-in., awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1646, for furnishing open bell cast-iron pipe.

BIDS OPENED

VERNON, Los Angeles Co., Cal.—Consolidated Steel Corp., Ltd., 6500 E. Slauson Ave., submitted the low bid to the Vernon City Council at $23-290, for furnishing a 42,000-bbl. steel tank and appurtenances, Spec. 96.

The other bids were:

Western Pipe & Steel Co., $23,750.

Chicago Bridge & Iron Works, $24,-530.

Lacy Mfg. Co., $24,900.

BIDS WANTED

SAN MATEO, San Mateo Co., Calif.—Until October 19, 8 p.m., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, City Hall, for furnishing and installing one 80-gal.-per-min. deep well turbine.

Specifications obtainable from the above office.

BID OPENING POSTPONED

HICKAM FIELD, T. H.—Bids will be received until November 12, 1:30 p.m., P.S.T., at the office of the Constructing Quartermaster, Fort Mason, and until 11 a.m., H.S.T., at the office of the Purchasing and Contracting Officer, Hickam Field, under Bid No. W 397-37-7, for the construction and completion of the second phase of the fresh water system, including a steel standpipe and enclosure at Hickam Field.

The date for receiving bids has been postponed from October 15, previously reported.

BIDS OPENED

LOS ANGELES.—Bids for furnishing discharge valves for use in connection with the centrifugal pumps at the Colorado River Aqueduct, Specification 165, were opened by the Metropolitan Water District, Los Angeles, October 9. The items were:

(1) Six rotating conical plug type valves, complete with operating and control mechanisms, for Intake and Gene pumping plants;
(2) Alt. to (1): 6 ring-follower-type gate valves, etc., for same plants;
(3) 3 rotary conical plug type valves, complete with operating and control mechanisms, for Iron Mtn. pumping plant;
(4) Alt. to (3): 3 ring-follower-type gate valves, etc., for same plant;
(5) 6 rotary conical plug type valves, for Eagle Mtn. and Hayfield;
(6) Alt. to (5): 6 ring-follower-type gate valves, etc., for same plants;
(7) Deductions for awards in combination;
(8) Services of erecting engineer, per diem.

The bids were:

S. Morgan Smith Co., York, Pa.—(1) f.o.b. cars, York, Pa., $142,500. Use tax $4275; total $146,775. Ship. wt. each valve, 79,000 lbs.; heaviest piece, 28,500 lbs.; (2) f.o.b. York, Pa., $149,760. Use tax $4492.80; total, $154,-252.80. Ship. wt., each valve, 78,000 lbs.; heaviest piece 26,000 lbs.; no discount. (3) f.o.b. York, Pa., $70,194. Use tax $2105.82; total, $72,299.82. Ship. wt. each valve, 81,000 lbs.; heaviest piece 29,000 lbs.; no discount; (4) f.o.b. York, Pa., $66,864. Use tax $2,-005.92; total, $68,869.92. Ship. wt. each 76,000 lbs.; heaviest piece 24,000 lbs.; no discount; (5) f.o.b. York, Pa., $146,-010.00; use tax $4380.30; total $150,-390.30. Ship. wt. each valve, 77,000 lbs.; heaviest piece, 28,000 lbs.; no discount; (6) f.o.b. York, Pa., $150,-510; use tax $4515.30; total $155,025.30. Ship. wt. each valve, 79,200 lbs.; heaviest piece 26,800 lbs.; (7) no bids; (8) $25 per diem.

Pelton Water Wheel Co.—(1) f.o.b. San Francisco, $159,714; use tax, none. Ship. wt. each valve, 77,500 lbs.; heaviest piece, 25,000 lbs.; no discount; (2) f.o.b. San Francisco, $166,526; no use tax. Ship. wt. each valve, 70,000 lbs.; heaviest piece 21,500 lbs.; (3) f.o.b. San Francisco, $78,711. Ship. wt. each valve 80,000 lbs.; heaviest piece 26,-300 lbs.; no discount; (4) f.o.b. San Francisco, $74,533; no use tax. Ship. wt. each valve, 68,300 lbs.; heaviest piece, 23,000 lbs.; no discount; (5) f.o.b. San Francisco, $138,994; no use tax. Ship. wt. each valve 69,400 lbs.; heaviest piece 23,600 lbs.; no discount; (6) f.o.b. San Francisco, $144,-921; no use tax. Ship. wt. each valve 72,000 lbs.; heaviest piece 21,000 lbs.; no discount; (7) no bids; (8) $25 per diem.

Consolidated Steel Corp., Ltd., Los Angeles—(1) no bid; (2) f.o.b. Los Angeles, $166,177; no use tax. Ship. wt. each valve, 75,000 lbs.; heaviest piece, 23,000 lbs.; no discount; (3) no bid; (4) f.o.b. Los Angeles, $74,962; no use tax. Ship. wt. each valve, 77,-000 lbs.; heaviest piece 23,200 lbs.; no discount; (5) no bid; (6) f.o.b. Los Angeles, $152,545; no use tax. Ship. wt. each valve, 76,500 lbs.; heaviest piece, 23,500 lbs.; no discount; (7) no bids; (8) $25 per diem.

34— PARKS AND PLAYGROUNDS

BIDS WANTED

ELKO, Nevada—Until October 26, 10 A. M., bids will be received by Procurement Division, Public Building Branch, Washington, D. C. for seeding and planting grounds at the U. S. Post Office, Elko, Nev. Plans and specifications may be obtained from the Custodian of the building, Elko, Nevada. 34

BIDS WANTED

KINGMAN, Ariz.—Until Oct. 28, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. post office at Kingman.

Specifications may be obtained from above office and from the Custodian of the Building at Kingman.

CONTRACT AWARDED

SOUTH PASADENA, Los Angeles Co., Cal.—City Wide Lawn Service Co., Inglewood, at $740 awarded contract for seeding and planting the grounds at U. S. post office, South Pasadena.

CONTRACT AWARDED

TURLOCK, Stanislaus Co., Calif.—D. Flentge, Rt. 1, Ceres, at $329.00 awarded contract by Treasury Department, for seeding and planting grounds at the U. S. post office, Turlock.

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Vol. XIX SAN FRANCISCO, CALIF., OCTOBER 24, 1936 No. 41

$264,000 LOAN RELEASED TO POWER DIST.

Construction Will Start On 155-Mile Boulder-Pioche Transmission Line

Release of a loan of $264,000 to the Lincoln County Power District of Nevada has been approved by PWA for use in constructing a 155-mile power line from Boulder Dam to Pioche, enabling the district to start construction under contracts already awarded.

In addition to the loan from P W A the district has disposed of $300,000 in bonds to private investors and has a grant of $336,000 in PWA funds.

Twenty contracts for the purchase of materials totaling about $625,000 have been let and the shipments will now be made, according to PWA officials, as the funds are available to pay for them. The construction contract is held by W. E. Callahan Construction Company, which, on a unit basis, bid approximately $109,000. The work must be completed within 120 days. Contracts for the telephone line and construction of substations are yet to be awarded. It is estimated that the entire project will cost $900,000.

The main transmission line, 155 miles long extending from Boulder dam to Pioche will be built to operate originally at 66,000 volts but the spacing and clearance will permit the line to be changed to 132,000 volts if it becomes necessary to extend the line beyond Pioche, or if the load becomes too great for the lower voltage. Seventy-five miles of 22,000- and 12,000-volt distribution lines will also be built.

TITLE CLEARED FOR SACRAMENTO DEPOT

Superior court action in Sacramento county has cleared the title to all property included in the tract for the new Sacramento air corps supply depot. The property is held under option and the government is expected to complete purchase of the site immediately at a cost of about $80,000.

STATE OFFERING TWO CONTRACTS

SACRAMENTO, Oct. 20. — Bids will be recevied by the State Division of Architecture November 10 for constructing a concrete smoke stack at the boiler plant of the Pacific Colony State Hospital, Spadra, Los Angeles County. The cost will be approximately $7,000. State Architect George B. McDougall also is taking bids to be opened October 23 for repairing the roof of the men's gymnasium at the San Jose State Teachers' College. This job has been estimated at $7,000, also.

Working Condition Changes Retroactive On City Contracts

The 8-hour day and 40-hour week will be retroactive on public works contracts now in progress in city of San Francisco, Northern California Chapter of Associated General Contractors, has advised its members. A resolution amending the workng conditions on public contracts became effective October 6, eliminating the 6-hour day.

"We have been advised unofficially that the change in hours will be retroactive so that the 40-hour week will prevail, provided the contractors make requests immediately to the proper department," W. D. Coughlin, special representative of the contractors' organization, said ysterday.

"On PWA funds, however, the city department involved must obtain consent of the state director of PWA on each and every craft involved. A showing must be made to the state director that a shortage actually exists, or some other form of emergency in order to make possible the 8-hour day on contracts now in effect. On contracts which have not yet been advertised the Washington office of PWA must first approve the 8-hour day and 40-hour week, which approval will be a guide for the later bids of the city. However, where no government funds are involved, such as all contracts from gas tax or other city funds the 4-hour week will be specified.

BIDS OCT. 26 FOR JACKSON SEWER SYSTEM

PWA Money Aids Amador City In $76,000 Improvement Project

Bids for constructing a new sewer system in the city of Jackson, Amador County, will be opened by the city council there Oct. 26. The project is one financed with a grant from the new PWA fund of 45 per cent of the cost, which is estimated at $76,000.

The contract includes construction of intercepting sewers. outfall sewer about 4,000 feet long and a sewage treatment plant. John S. Bates, consulting engineer of Berkeley, has prepared plans for the system and will supervise its construction.

Principal construction items include laying and furnishing 12,600 feet of vitrified pipe; 5,237 feet of cast iron pipe; constructing 61 manholes; reinforced concrete sedimentation tank with mechanical equipment; reinforced concrete sludge digestion tank; gas burner unit; sludge drying bed; dosing tank; sprinkling filter and final settling tank.

Kern Supervisors Vote to Rescind Zoning Ordinance

A county land-use and zoning ordinance which would have become effective this month was rescinded by the Kern board of supervisors by a vote of 3 to 2. Opponents of the regulatory measure contended the community was not in accord with its provisions and many were unable to understand it.

The act would have given jurisdiction to the County Planning Commission over all new building or alterations, with authority to restrict property use in certain areas and architectural features of structures fronting on public highways.

BUILDING COST HERE UP 2.2% SINCE JUNE

Contract Price On Typical Home In Western Cities Compared

Between June and September the cost of building the same typical 6-room house in San Francisco increased 2.2 per cent, the Federal Home Loan Bank board reports in its quarterly survey of residential construction costs. The report is the second on San Francisco costs, this city not having been included in the original survey of western cities made in March this year.

The current report includes figures for Los Angeles, San Diego, and San Francisco, Reno, Nevada, and Phoenix, Arizona.

The cubic foot cost in San Francisco is calculated at 25.6 cents in September, compared with 25.1 cents in June. Reno costs are the highest of the western group at 26.3 cents and showed no change in the three-month interval. San Diego costs were 21.6 cents in September compared with 21.7 cents in June and are slightly lower than in Los Angeles where the cost was 22.1 cents in September and 21.8 cents in June.

Local building costs from which the Home Loan Bank Board figures are calculated are collected by district offices of the Home Owners' Loan Corporation at 3-month intervals. In figuring costs current prices on the same building material list are otained every three months from the same dealers and current wage rates are obtained from the same reputable contractors and operative builders.

Reported costs include in addition to material and labor, compensation insurance, an allowance for contractor's overhead and transportation of materials, plus 10 per cent for builder's profit. Reported costs do not include the cost of land, nor of surveying the site, cost of planting, nor providing walks and driveways; they do not include the architect's fee, cost of building permit, the financing charges, nor sales costs.

The typical house on which costs are reported is a detached 6-room home of 24,000 cubic feet volume; living room, dining room, kitchen and lavatory on first floor; three bedrooms and bath on the second floor. Exterior is wideboard siding with brick and stucco as features of design. Best quality materials and workmanship are used throughout.

The house is not completed ready for occupancy. It includes all fundamental structural elements, an attached one-car garage, an unfinished cellar, an unfinished attic, a fireplace, essential heating, plumbing and electric wiring equipment and complete insulation. It does not include wall paper nor other wall nor ceiling finish on interior plastered surfaces, lighting fixtures, refrigerators, water heaters, ranges, screens, weather stripping or window shades.

The current cost of puilding this house in principal western cities is reported by HOLC offices as follows:

	Building Costs Cu. Ft.	Total
San Diego	$0.216	$5,177
Los Angeles	0.221	5,301
Portland	0.221	5,307
Boise	0.234	5,607
Seattle	0.235	5,644
Spokane	0.240	5,760
Salt Lake City	0.243	5,829
Phoenix	0.251	6,032
San Francisco	0.256	6,152
Casper, Wyo.	0.262	6,277
Reno	0.263	6,313

FURTHER DROP REPORTED IN BANKRUPTCIES

Number of Failures Reduced But Heavier Liabilities Involved

Only one builder filed plans for reorganization under Section 77-B of the new bankruptcy act during the first eight months of 1936 This compared with five such cases during the twelve months of 1935 and three during 1934.

The number of failures continued the downtrend that started in 1933, the total of 97 for the eight-month period giving a monthly average of 12.1, against a monthly average of 14.8 for the full year of 1935, which marked a new low.

Liabilities involved in this reduced number of failures, however, were larger than in 1935. Totalling $11,916,552 for the eight-month period, the average defaulted indebtedness for each failure rose to $122,851 from $38,096 for the full year of 1935, when the amount dropped to $6,781,057, the smallest on record. The latter contrasted with the all-time high peak of $42-079,919 in 1932.

The complete insolvency record of builders since 1927, including the first eight months of 1936, as compiled by Dun & Bradstreet, Inc., shows:

Failures Among Builders

Year	Number	Liabilities
1927	353	$21,712,457
1928	489	27,891,511
1929	555	27,031,089
1930	417	20,263,506
1931	344	22,995,950
1932	497	42,079,919
1933	259	16,464,857
1934	242	11,010,426
1935	178	6,781,057
1936*	97	11,916,552

(*) January to August, inclusive.

The statistics of commercial failures are exclusive of applications under Section 77-B. From June 7, 1934, when Section 77-B of the New Bankruptcy Act became effective, to September 24, 1936, applications were filed under this section by nine concerns in this industry.

PAINTERS WORK ON LAST COAT FOR BAY SPANS

Lighting Tested In East Bay Section; Police Phones Installed

First aluminum paint on the San Francisco-Oakland Bay Bridge was placed last week, according to Chief Engineer C. H. Purcell.

Painting now remains the only major project on the entire bridge, with the completion last week of the paving on this world's largest structure, which is scheduled to to opened to automobile and truck traffic Thursday noon, Nov. 12.

All third coats of paint on the entire West Bay spans have been completed and application of aluminum paint on the entire structure is being speeded.

With test trials Saturday of the lighting on the East Bay bridge, work is now concentrated chiefly on the installation of all electrical facilities on the entire bridge. All lights have been installed on the east side and standards between spans 7 and 4 on the suspension spans of the bridge have been erected.

A switchboard for police boxes has been installed and connected in the administration building, and the police boxes on the east side crossing (from the east portal to and including the distribution structure) are now ready for operation.

All aerial beacons on the east side have been installed and are connected, while the four aerial beacons atop the towers of the suspension spans are expected to be installed and connected by the end of this week, according to Chief Engineer Purcell.

Installation of fire and tow car boxes will start during the week, while work is proceeding rapidly toward the final installation of the giant control and indicator board in the administration building.

Supply station No. 2 and substation No. 5 at the administration building are in servic;, while substations Nos. 3, 4, and 6—at the Yerba Buena anchorage—east of the cantilever, and adjacent to the distribution structure, respectively, are practically completed.

Only the connection of the wires remains to be done in sub-station No. 1 at the San Francisco anchorage.

Installation of sub-station No. 2 at the center anchorage has just been started, with the completion of the pouring of concrete inside of the steel hoods of the anchorage.

Seventy - five per cent of the standards of the San Francisco approaches has been erected to date with practically all of the wire installed. Meanwhile, wiring for the lighting of the parking area underneath the viaducts has been completed and is now ready for installation of fixtures.

GEO. A. FULLER LOW BIDDER ON L. A. BUILDING

Only Two Contractors Figure $6,000,000 Federal Project

(Special to Daily Pacific Builder)

WASHINGTON, D. C.—Low bid for construction of the new post office and Federal courts building in Los Angeles, largest building contract to be offered on the Pacific Coast this year, was submitted today to the Treasury Department by George A. Fuller Co., Munsey Bldg., Washington, D. C.

For construction of a 14-story building, the Fuller Company offered a basic bid of $5,852,000; for a 15-story building on the same specifications, $5,987,000.

Robert E. McKee of Los Angeles offered the only other bid at $6,375,000 for a 14-story building and $6,520,000 for 15-story building.

Alternative figures were taken for facing with terra cotta above the first floor line and for facing with limestone or granite. (Alternative figures for each bidder appear in the Advance Report Section today.)

The building is to be erected on a site bounded by Spring, Temple and Main Streets, having a 525-ft. frontage on Spring and Main and 300 feet on Temple. Plans were prepared by the Treasury Department Supervising Architect and Architect Gilbert Stanley Underwood of Los Angeles. The department has an appropriation of $6,250,000 available for the project. Bids already have been taken on a separate contract for the escalator and elevator installations

Sacramento Site For Office Building Bought by State

Authorization for a new state office building will be sought inthe next session of the legislature it was indicated yesterday when Director of Finance A. E. Stockburger confirmed the report that a site for the new building has been aquired at Tenth and N Streets, Sacramento.

The building probably would be designed to house offices of the State Department of Professional and Vocational Standards, which now are widely scattered.

This new structure would be the third office building erected by the state on N street. The other buildings, one due to be completed about December 1 and the other January 1, will house the division of motor vehicles and the department of public works.

ARCHITECTS ELECT HARRY J. DEVINE

Harry J. Devine of Sacramento was elected president of the northern section of the State Association of California Architects at the annual meeting held over the week-end in Del Monte. Lester Hibbard of Los Angeles, president of the southern section, also will be president of the state association, automatically succeeding to the position which was held by the northern section president. Other officers of the northern section are Harry M. Michelsen, San Francisco, vice-president; Ellsworth Johnson, secretary; Otto Hinterman, treasurer.

Earthquake Act Changes Opposed By Engineers

Resolutions instructing the legislative committee of the association to oppose any change in the Field or Reilly acts, relating to earthquake - proof construction, were adopted by the State Association of Structural Engineers in annual convention Friday and Saturday in Santa Maria. The committee, however, may support amendment of the administrative provisions of the act to create a board of appeals which would review decisions of the State Division of Architecture. A final decision will be made on this proposal prior to the convening of the legislature.

The convention endorsed a resolution urging release of the $300-000,000 fund earmarked for PWA construction, but which has been only partially obligated, and endorsed the Dockweiler amendment to the National Housing Act increasing permissible modernization loans for insurance to $250,000 to stimulate apartment and industrial building.

The program included papers presented by Russell Gordon of the Bank of America on loan values and the obsolescence and depreciation factors in building financing; Jack Shields of the Board of Fire Underwriters on earthquake insurance; C. H. Kromer of the State Division of Architecture on the status of revisions to Appendix A.

IMPERIAL DISTRICT CONTRACTS WITH EHFA

Electric Home and Farm Authority has closed a contract with the Imperial Irrigation District of California financing of electrical appliance sales to consumers on the district's power lines. A similar contract was announced recently with the city of Burbank.

EARNINGS UP AS BUILDING AIDS FACTORIES

Fabricators Report Increses In All Lines Since Last Year

Average weekly earnings of workers in all principal industries fabricating construction materials have increased substantially since September of 1935, according to the monthly survey of California manufacturing establishments by the State Division of Labor Statistics.

Percentages of increase in weekly earnings between Sept., 1935, and Sept., 1936, are reported as follows: blast furnaces, steel works rolling mills, 12.6 electrical machinery, apparatus and supplies, 15.0; structural and ornamental, metal work, 12.7; logging, saw and planing mills, 6.7; brick, tile, terra - cotta and pottery, 18.0; cement, lime, plaster, marble and granite, 14.3; paints, dyes and varnishes, 8.8.

The number of employes and the total amount of weekly payrolls in each of the same industries likewise register considerable improvement by comparison with the previous year.

Following are the summarized percentages in each division: blast furnaces, steel works, rolling mills 15.5 per cent more employes, 30 per cent higher payrolls; electrical machinery, apparatus and supplies 8.7 per cent and 25 per cent; structural and ornamental metal work, 51.9 per cent and 71.2 per cent; logging, saw and planing mills, 6.4 per cent and -3.5 per cent; brick, tile, terra-cotta and pottery, 6.4 per cent, and 13.5 per cent; cement, lime, plaster, marble and granite, 6.6 per cent and 21.8 per cent; paints, dyes and varnishes, 7.1 per cent and 16.5 per cent.

Manufacturing plants dependent largely upon the construction industry showed increases in activity generally greater than those in other lines. The average gain in employment for all industries in the 12-month period was 5 per cent; gain in total payrolls, 14.6 per cent; average weekly earnings, 9.1 per cent.

Between August, 1936, and September, 1936, there is reported a decrease of 6.4 percent in employment, and a decrease of 5.4 per cent in payrolls. Excluding the highly seasonal industries of canning and preserving of fruits and vegetables and the canning and packing of fish, the month to month changes show an increase of .7 per cent in employment and an increase of .8 per cent in payrolls.

The figures for public utilities show, for the period between Septimber, 1935 and September, 1936, increases of 9.3 per cent in employment and 9 per cent in payrolls. For the same period, employment in wholesale and retail trade increased 15.3 per cent and payrolls increased 11.2 per cent.

Western Pacific Plans $7,000,000 Program Of Improvements; Repair Tracks and Shops

The trustee for the Western Pacific Railroad has filed a petition in the United States District Court in San Francisco seeking authority to spend $7,000,000 for new equipment, repairs and improvement to trackage and terminal facilities.

The huge improvement program outlined by the company for 1937 includes heavy repairs and improvements to various classes of freight cars at a cost of $975,000. Virtually all of this work, it was indicated in the proposals, would be done in the Sacramento and Oroville shops of the railroad.

The $7,000,000 outlay would include the purchase of eleven new freight locomotives of the heavest type at a cost of $1,580,000 and 350 freight cars for $1,025,000. Seven of the new locomotives would be placed in service between Salt Lake City, Utah, and Winnemucca, Nev., and the other four would be used in the Feather River Canyon.

Air - conditioning of additional passenger cars calls for an expenditure of $40,000. The proposals include the laying of 172 miles of 100-pound and 112-pound rails and fastenings, and the placing of ninety-three miles of gravel and crushed rock ballast in California, Nevada and Utah at a cost of $2,609,000. Forty miles of 112-pound rails would be laid between Keddie and Portola in the Feather River Canyon and ten miles of 100-lb. rails would be laid between Stockton and Thornton. Another 12 miles of new rails would be laid on various parts of the company's California lines. Eighty-eight miles of new track would be laid in Nevada.

Engine terminal improvements at Oroville, Elko, Nev., and Wendover, Utah, would involve an expenditure of $327,000 and an outlay of $130,000 for improved shop tools and facilities. Roundhouse improvements, including six new stalls and drop pits at Oroville, would require $100,000, plus $30,000 for new shop tools. Extensions and improvements to the roundhouse at Elko and the installation of a new 120-foot turntable would cost $110,000.

The construction of two passing track extensions in the Feather River Canyon at a cost of $50,000 also is proposed.

The work will begin early in 1937, if the court approves the trustees' application, and will be carried through to completion shortly before the close of next year.

The expenditures proposed in the current application represent the second phase of a 3-year program of improvements which was initiated by the Western Pacific early this year. The entire program involves an outlay of more than $14,000,000 and is expected to be completed during 1938.

Southern Pacific Rail Order Given Three Steel Mills

Orders for 1937 steel rails and accessory requirements have been placed by the Southern Pacific Co. with three steel mills, the company announces.

The orders call for 55,162 gross tons of steel rails, costing $2,260,000, and other equipment such as angle bars, tie plates, frogs and switches, ties and bolts, etc., costing approximately $1,150,000.

A portion of the purchase will be used in preparing 253 miles of Pacific lines for the new coast route streamliners, now under construction, which will go into San Francisco - Los Angeles service shortly after the first of the year. The remainder will be used on 50 miles of the Texas & New Orleans Railroad.

Rail purchases were divided as follows:

Columbia Steel Co., 29,123 gross tons; Bethlehem Steel Co., 16,348 gross tons; Colorado Fuel and Iron Corp., 9691 gross tons.

General Electric Sales Gain 27% In Nine Months

Sales billed by the General Electric Company during the first nine months of 1936 amounted to $189,263,156, compared with $149,173,275 during the corresponding period last year, an increase of 27 per cent, President Gerard Swope announces.

Profit available for dividends on common stock for the first nine months of this year amounted to $26,533,667, compared with $17,205,332 for the first nine months last year, equivalent to 92 cents and 60 cents, respectively, per share on 28,845,927 shares outstanding in each period.

A dividend of 25 cents per share of common stock was declared in September; payable on October 26 to stockholders of record on Sept. 25, making a total of 75 cents per share for the first nine months of this year, compared with 50 cents paid for the corresponding period of last year.

Orders received during the first nine months of 1936 amounted to $211,891,038, compared with $158,943,765 for the nine months last year, an increase of 33 per cent.

EARLY CONTRACT PROMISED FOR RENO BRIDGES

Highway Staff Designing the Truckee Spans; City Plans A $75,000 Pool

Bids for the construction of two bridges across Truckee River in the city of Reno, for which bond issues were approved by the voters last August, will be invited about November 1 and actual construction will start as soon as possible thereafter with the aim of finishing the bridges this winter, according to an announcement by state highway officials.

The largest bridge will be built at Sierra Street at an estimated cost of $188,000, of which $106,500 will be for right of way. The city will furnish $140,000 and the project will receive $48,000 in Federal aid highway funds through the Nevada State Department of Highways.

The second bridge, to be built at Lake Street, will cost $113,500, of which $31,000 is for right of way. The city will furnish $65,500 and the remainder will be made up with $48,000 in Federal aid highway funds.

In the meantime the highway department and the city engineer's office are endeavoring to secure W P A aid in clearing the rights of way. An application has been made for PWA funds to construct the bridge approaches. Should both appeals be successful approximately $80,000 of highway department funds will be available for other street work in Reno.

Work is scheduled to commence before December 15 on a municipal swimming pool in Idylwild Park costing $75,000. City Engineer C. L. Hill is preparing plans for this improvement. It is financed with proceeds of a bond issue and a P W A grant of 45 per cent of the cost.

City of Eureka Calls Bids for $50,000 Sewer

The city of Eureka will take bids Nov. 4 for constructing a sanitary sewer outfall line in Washington Street for a length of 2600 feet. The pipe will be reinforced concrete, 36-inch diameter. A portion of the line will be laid on gravel base and the balance will be supported on concrete saddles set on wood piling.

Plans were prepared by City Engineer Evan D. Gardner. The estimated cost is $50,000, of which 45 per cent will be furnished by PWA.

Walsh-Healey Act Regulations Issued By Labor Secretary; Wage Rates Undetermined

First regulations issued by the Secretary of Labor under the Walsh-Healey Act regulating manufacture of articles sold to the Federal Government have been transmitted to all purchasing agencies. The act is now effective, and all invitations for bids issued henceforth will contain the Walsh-Healey provisions. The act applies only to purchase for supplies on which the contract exceeds $10,000 and has been interpreted to apply only to finished articles and not to construction contracts.

Of particular interest in the first set of regulations promulgated by the secretary are the definitions of statutory exemptions, definition of manufacturer and regular dealer, overtime clause, and procedure for keeping payroll records. No wage rates have been established.

Text of the conditions follows:

Part I.

Contract Stipulations.

Article 1 (Insertion of Stipulations) Except as hereinafter directed, in every contract made and entered into by an executive department, independent establishment, or other agency or instrumentality of the United States, or by the District of Columbia, or by any corporation all the stock of which is beneficially owned by the United States, for the manufacture or furnishing of materials, supplies, articles, and equipment, with respect to which invitations for bids are issued on or after Sept. 28, 1936, the contracting officer shall cause to be inserted in such invitation or specifications and in such contract, the following stipulations:

Representations and stipulations pursuant to Public Act No. 846, 74th Congress:

(a) The contractor is the manufacturer of or a regular dealer in the materials, supplies, articles, or equipment to be manufactured or used in the performance of the contract.

(b) All persons employed by the contractor in the manufacture or furnishing of the materials, supplies, articles, or equipment used in the performance of the contract will be paid, without subsequent deduction or rebate on any account, not less than the minimum wages as determined by the Secretary of Labor to be prevailing minimum wages for persons employed on similar work or in the particular or similar industries or groups of industries currently operating in the locality in which the materials, supplies, articles, or equipment are to be manufactured or furnished under the contract: Provided however, That this stipulation with respect to minimum wages shall apply only to purchases or contracts relating to such industries as have been the subject matter of a determination by the Secretary of Labor.

(c) No person employed by the contractor in the manufacture of furnishing of the materials, supplies, articles, or equipment used in the performance of the contract shall be permitted to work in excess of eight hours in any one day or in excess of 40 hours in any one week, unless such person is paid such applicable overtime rate as has been set by the Secretary of Labor.

(d) No male person under 16 years of age and no female person under 18 years of age and no convict labor will be employed by the contractor in the manufacture or production or furnishing of any of the materials, supplies, articles, or equipment included in the contract.

(e) No part of the contract will be performed nor will any of the materials, supplies, articles, or equipment to be manufactured or furnished under said contract be manufactured or fabricated in any plants, factories, buildings, or surroundings or under working conditions which are insanitary or hazardous or dangerous to the health and safety of employees engaged in the performance of the contract. Compliance with the safety, sanitary and factory inspection laws of the state in which the work or part thereof is to be performed shall be prima-facie evidence of compliance with this subsection.

(f) Any breach or violation of any of the foregoing representations and stipulations shall render the party responsible therefor liable to the United States of America for liquidated damages, in addition to damages for any other breach of the contract, in the sum of $10 per day for each male persons under 16 years of age or each female person under 18 years of age, or each convict laborer knowingly employed in the performance of the contract, and a sum equal to the amount of any deductions, rebates, refunds, or underpayment of wages due to any employee engaged in the performance of the contract; and in addition, the agency of the United States entering into the contract shall have the right to cancel same and to make open-market purchases or enter into other contracts for the completion of the original contract, charging any additional cost to the original contractor. Any sums of money due to the United States of America by reason of any violation of any of the representations and stipulations of the contract as set forth herein may be withheld from any amounts due on the contract or may be recovered in a suit brought in the name of the United States of America by the attorney general thereof. All sums withheld or recovered as deductions, rebates, refunds, or underpayments of wages shall be held in a special deposit account and shall be paid, on order of the Secretary of Labor, directly to the employees who have been paid less than minimum rates of pay as set forth in such contracts and on whose account such sums were withheld or recovered: Provided, That no claims by employees for such payments shall be entertained unless made within one year from the date of actual notice to the contractor of the withholding or recovery of such sums by the United States of America.

(g) The contractor shall post a copy of the stipulations in a prominent and readily accessible place at the site of the contract work and shall keep such employment records as are required in the regulations under the act available for inspection by authorized representatives of the Secretary of Labor.

(h) The foregoing stipulations shall be deemed inoperative if the contract is for a definite amount not in excess of $10,000.

Art. 2 (Statutory Exemptions). Inclusion of the stipulations herein enumerated is not required in the following instances:

(a) Where the contracting officer is authorized by statute or otherwise out advertising for proposals; to purchase in the open market with-

(b) Where the contract relates to perishables, including dairy, livestock and nursery products ("perishables" cover products subject to decay or spoilage and not products canned, salted, smoked, or otherwise preserved);

(c) Where the contract relates to agricultural or farm products processed for first sale by the original producers;

(d) Where the contract is by the Secretary of Agriculture for the purchase of agricultural commodities or the products thereof;

(e) Where the contract is with a common carrier for carriage of freight or personnel by vessels, airplane, bus, truck, express, or railway line, where published tariff rates are in effect;

(f) Where the contract is for the furnishing of service by radio, telephone, telegraph, or cable companies, subject to the Federal communications act of 1934.

Part II.

Administrative Regulations

Art. 101 (Manufacturer or Regular Dealer). A bidder or contractor shall be deemed to be a "manufacturer" or "regular dealer" within the meaning of the stipulation required by section 1 (a) of the act and article 1 (a) of these regulations if he falls within one of the following categories:

(a) A manufacturer is a person who owns, operates, or maintains a factory or establishment that produces on the premises the materials, supplies, articles, or equipment required under the contract and of the general character described by the specifications.

(b) A regular dealer is a person who owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles, or equipment of the general character described by the specifications and required under the contract are bought, kept in stock, and sold to the public in the usual course of business.

Except as hereinafter provided, every bid received from any bidder who does not fall within one of the foregoing categories shall be rejected by the contracting offices.

Whenever justice and the public interest will be served, bids for a contract or class of contracts will be exempted from the foregoing requirement by the Secretary of Labor upon the request of the head of the contracting agency or department when accompanied by his finding of fact that it will be so difficult to obtain satisfactory bids for the contract or class of contracts under the stipulated restrictions, that the conduct of Government business will be seriously impaired.

Art. 102 (Employees Affected). The stipulations shall be deemed applicable only to employees engaged in or connected with the manufacture, fab-

rication, assembling, handling, supervision, or shipment of materials, supplies, articles, or equipment required under the contract and shall not be deemed applicable to office or custodial employees.

Art. 103 (Overtime). Employees engaged in or connected with the manufacture, fabrication, assembling, handling, supervision, or shipment of materials, supplies, articles, or equipment used in the performance of the contract may be employed in excess of 8 hours in any one day or in excess of 40 hours in any one week, provided such persons shall be paid for any hours in excess of such limits the overtime rate of pay which has been set therefor by the Secretary of Labor.

Until otherwise set by the Secretary of Labor the rate of pay for such overtime shall be one and one-half times the basic hourly rate or piece rate received by the employee.

If in any one week or part thereof an employee is engaged in work covered by the contractor's stipulations, his overtime shall be computed after 8 hours in any one day or after 40 hours in any one week during which no single daily total of employment may be in excess of 8 hours without payment of the overtime rate.

Art. 201 (Breach of Stipulations). Whenever the Department of Labor notifies the head of a contracting agency that a contractor is liable for liquidated damages by reasons of a breach of stipulations as provided in section 2 of the act, there shall be withheld from any balance due under the contract such amount as may be necessary to satisfy such liability pending final dispostion of the case.

Whenever a final determination of a breach of stipulations is made, the Secretary of Labor will furnish to the contracting agency a copy of the findings and decision with such recommendations as will assist the contracting agency in determining whether or not the contract should be canceled for such breach.

Art. 501 (Records of Employment). Every contractor subject to the provisions of the act and these regulations shall maintain the following records of employment which shall be available for the inspection and transcription of authorized representatives of the Secretary of Labor:

(a) Name, address, sex, age and occupation of each employee covered by the contract stipulations.

(b) Wage and hour records for each such employee, including the rate of wages and the amount paid each pay period, the hours worked each day and each week, and the period during which each such employe was engaged on a Government contract with the number of such contract.

Such records shall be kept on file for at least one year after the termination of the contract.

Art. 601 (Requests for Exceptions and Exemptions). Requests for the exception or exemption of a contract or class of contracts from the inclusion or application of one or more of those stipulations required by ar- a contracting agency or department ticle 1 must be made by the head of and shall be accompanied with a finding by him setting forth reasons why such inclusion or application will seriously impair the conduct of Government business.

Requests for the exception of a stipulation respecting the minimum rates of pay and maximum hours of labor contained in an existing contract must be made jointly by the head of the contracting agency and the contractor and shall be accompanied with a joint finding by them setting forth reasons why such exception or exemption is desired.

All requests for exceptions or exemptions shall be transmitted thru the procurement division of the Treasury for submission to the Department of Labor for consideration and shall be returned through the procurement division.

Art. 602 (Decisions Concerning Exceptions and Exemptions). Decisions concerning exceptions and exemptions shall be in writing and approved by the Secretary of Labor or officer prescribed by him, originals being filed in the Department of Labor, and certified copies shall be transmitted to the department or agency originating the request, to the comptroller general, and to the procurement division of the Treasury. All such decisions shall be promulgated to all contracting agencies by the procurement division of the Treasury.

Art. 603 (Administrative Exemptions). The following classes of contracts have been exempted from the application of article 1 of these regulations pursuant to the procedure required under section 6 of the act:

(a) Contracts for public utility services, including electric light and power, water, steam and gas;

(b) Contracts which are to be performed outside the geographic limits of the United States, its territories and the District of Columbia, except where such performances requires a shipment from within such geographic limits;

(c) Contracts covering purchases against the account of a defaulting contractor where the stipulations required herein were not included in the defaulted contract.

Art. 701 (Definition of "Person"). Whenever used in these regulations, the word "person" includes one or more individuals, partnerships, associations, corporations, legal representatives, trustees, trustees in bankruptcy, or receivers.

Art. 1101 (Minimum Wages). Until a determination of the prevailing minimum wage for a particular industry or group of industries has been made by the Secretary of Labor prior to the invitation for bids, the stipulation with respect to wages in section 1 (b) of the act will be inoperative, as provided in article 1 (b) of these regulations.

Determinations of prevailing minimum wages or changes therein will be published in the Federal Register and sent to contracting officers thru circular letters of the procurement division of the Treasury. Such determinations will be effective upon the dates fixed therein.

Art. 1201 (Reports of Contracts Awarded). Whenever the contracting officer shall award a contract in which the stipulations required under article 1 are operative, he shall furnish the Department of Labor in duplicate on forms provided for this purpose, a statement showing the name of the contracting agency, the purchase order number, the material purchased, the proposed date of delivery, the contractor's name and addres, and the name and location of the plant or plants fabricating or supplying the subject matter of the contract.

Art. 1202 (Complaints). Whenever any officer or employee of the United States Government or of any agency thereof has any knowledge with respect to a breach or violation of the stipulations required under article 1, he shall transmit such complaint according to the usual practice in his department to the Department of Labor together with such other information as he has in his possession.

COULEE DAM CASH SPREAD TO 38 STATES

$18,745,000 Expenditure Is Traced To Employment Off Job Site

Equipment and supplies for the Grand Coulee Dam have been purchased in 38 states and the District of Columbia by the Bureau of Reclamation in the expenditure of $18,745,596 to date on the project.

"The remarkable spread of off-the-site work provided by Boulder Dam is being equalled at this time in the construction of Grand Coulee Dam," Secretary of Interior Harold L. Ickes said in commenting on the report by the Bureau of Reclamation of purchases made by it and the principal contractor, Mason - Walsh - Atkinson - Kier Company. "The thousands who have obtained employment at prevailing wages at Grand Coulee Dam these last three years have been only the advance guard of an army of men spread in a great fan in factories, forests, and mines and on railroads completely across the continent.

"This army has been sending up materials for use at the dam, and their employment to that extent has been given by the construction of Grand Coulee Dam just as surely as if they had strung the cable they made or drove the steel piles they fabricated at the site itself."

Of the total of $30,197,907.98 actually expended on the dam's construction, considerably more than half has gone into the production of off-the-site labor, for in addition to the $18,745,596.83 which has gone for equipment and materials, $1,106,880.07 has been paid for freighting the purchases to the dam.

The contractor has put $14,375,706 into purchase of equipment and supplies, according to figures presented to the Bureau of Reclamation, against $6,951,683.47 he has paid to employees working at the dam. The Bureau of Reclamation has expended $4,365,410.83 for materials. Expenditures made by less important contractors on the job have not been broken down here.

About half of the money which has gone for materials and supplies has been spent in states east of the Mississippi River. Expenditures of more than $1,000,000 have been made in seven states, California, $1,445,653.72; Illinois, $1,688,578.65; Indana, $1,072,936.66; New York, $1,418,313.71; Oho, $1.826,669.18; Pennsylvania $1,064,691.66, and Washington, $7,409,238.14. While the largest total appears for the state of Washington, in which the dam is being constructed, many of the purchases made there have been made through dealers. Much of this matrial is manufactured in other parts of the country. No attempt was made to trace these purchases beyond the dealer.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2100	Burnie	Owner	5000
2101	Kappatos	Mullen	4000
2102	Scovel	Abrahams	4000
2103	Greenberg	Owner	4000
2104	De Benedetti	Owner	4000
2105	De Benedetti	Owner	4000
2106	Riaggi	Galli	10000
2107	Connor	Arras	3300
2108	Dick	Walker	2000
2109	Wagner	Anderson	6000
2110	Beck	Owner	4000
2111	Mendo	Owner	4000
2112	Brown	Kennedy	10000
2113	Coffin	Williams	1500
2114	Hogrefe	Owner	4500
2115	Vincent	Lindsay	4950
2116	Mendo	Owner	4000
2117	Happy	Owner	3450
2118	Heyman	Owner	4250
2119	Heyman	Owner	4250
2120	Heyman	Owner	4250
2121	Heyman	Owner	4250
2122	Heyman	Owner	4250
2123	Heyman	Owner	4250
2124	Heyman	Owner	4250
2125	Heyman	Owner	3900
2126	Heyman	Owner	3900
2127	Heyman	Owner	3900
2128	Heyman	Owner	3900
2129	Heyman	Owner	3900
2130	Heyman	Owner	3900
2131	Doelger	Owner	4500
2132	Doelger	Owner	4500
2133	Doelger	Owner	4500
2134	Arco	Owner	4000
2135	Arco	Owner	4000
2136	Mohr	Owner	3000
2137	Mohr	Owner	3000
2138	Mohr	Owner	3000
2139	Mohr	Owner	3000
2140	Mohr	Owner	3000
2141	Blum	Owner	4000
2142	Blum	Owner	4000
2143	Damele	Masarie	3000
2144	Lewis	Baker	2000
2145	Schubell	Lindgren	4000
2146	Petterson	Owner	9000
2147	Meyer	Owner	3800
2148	Meyer	Owner	3800
2149	Meyer	Owner	3800
2150	Meyer	Owner	3800
2151	Meyer	Owner	4000
2152	Struthers	Owner	3000
2153	Struthers	Owner	3000
2154	Struthers	Owner	3000
2155	Struthers	Owner	3000
2156	Struthers	Owner	3000
2157	Struthers	Owner	3000
2158	Standard	Owner	3500
2159	Standard	Owner	3500
2160	Standard	Owner	3500
2161	Standard	Owner	3500
2162	Standard	Owner	3500
2163	Herzig	Owner	5500
2164	Herzig	Owner	6000
2165	Herzig	Owner	5500
2166	Herzig	Owner	6000
2167	Hibernia	Vukicevich	1200
2168	Compredon	Coburn	1000
2169	Brunings	Owner	2000
2170	Maskey	Mullen	1850
2171	Selig	Fink	3900
2172	McKenna	Early	1500
2173	Newman	Wagner	3000
2174	Franceschi	Owner	9000
2175	Sylvia	Franceschi	9000
2176	Mayor	Mullen	3000
2177	Bauer	Mission	6000
2178	Carter	Clack	1950
2179	Steffens	Baker	1500
2180	Miller	Coburn	1000
2181	Eschlin	Cahill	56000
2182	Broher	Inglis	2000
2183	Roebling	Barrett	2000
2184	McCarthy	Aetna	1000
2185	Shell	Owner	4000

ALTERATIONS
(2100) 711 35th AVE. Alter flats.
Owner—Marie E. Burnie, 25 California Street.
Architect—Not Given. $5,000

ALTERATIONS
(2101) 1023 VAN NESS AVE. Alter restaurant.
Owner—Steve Kappatos, premises.
Contractor — Mullen Mfg. Co., 60 Rausch Street.
Architect—Not Given. $4,000

ALTERATIONS
(2102) 1123 POST ST. Alter store.
Owner—H. Scovel, 735 Eddy Street.
Contractor—H. Abrahams, 50 Silliman Street.
Architect—G. Travis, 251 Kearny St. $4,000

DWELLING
(2103) W 7th AVE. 87 N Moraga. One - story and basement frame dwelling.
Owner and Builder—Chas. Greenberg 3116 23rd Street.
Architect—Not Given. $4,000

DWELLING
(2104) S SAN JUAN 25 W Alemany Blvd. One-story frame dwelling.
Owner and Builder—A. De Benedetti & Son, 100 Brazil.
Architect—Not Given. $4,000

DWELLING
(2105) S SAN JUAN 50 W Alemany Blvd. One-story frame dwelling.
Owner and Builder—A. De Benedetti & Son, 100 Brazil.
Architect—Not Given. $4,000

DWELLING
(2106) SE COR. 25th AVE. and Ocean. Two - story and basement frame dwelling.
Owner—Armand Riaggi, % contractor.
Contractor—R. F. Galli 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. $10,000

FACTORY
(2107) S MINNA 170 W 3rd Street. One-story Class C factory.
Owner—H. M. Connor, 234 Natoma.
Contractor—Adam Arras, 4008 18th Street.
Engineer—Norman B. Greene, Sharon Bldg. $3300

ALTERATIONS
(2108) 51 SIXTH ST. Alter hotel.
Owner—S. W. Dick & Co., 1349 Mission Street.
Contractor — P. J. Walker Co., 608 Sharon Bldg.
Architect—W. P. Day, Financial Center Bldg. $2,000

FLATS
(2109) N TARAVAL 31 N 15th Ave. Two-story frame flats.
Owner—Carl Wagner, 2320 16th Ave.
Contractor — Jos. P. Anderson, 2321 Cecelia.
Engineer—Otto G. Hintermann, 2847 Golden Gate Ave. $6,000

DWELLING
(2110) S MORAGA 82 E 27th AVE. One - story and basement frame dwelling.
Owner & Builder—Heyman Brothers, 742 Market St.
Owner—John Beck, 500 Leavenworth.
Architect—Not Given. $4,000

DWELLING
(2111) E 41st AVE. 175 S Cabrillo. One - story and basement frame dwelling.
Owner & Builder—Mendo Corp., 1136 Clement St.
Architect—Not Given. $4,000

ALTERATIONS
(2112) NW 7th and Harrison. Alter salesroom.
Owner—J. Brown, 1517 Financial Center Building.
Contractor—Kennedy, 774 Guerrero.
Architect—Not Given. $10,000

ALTERATIONS
(2113) 720-22 GEARY Street. Alter dwelling.
Owner—A. F. Coffin, 255 Perry Street, Oakland.
Contractor—Williams & Wastell, 374 17th St., Oakland.
Architect—Not Given. $1500

DWELLING
(2114) W ROSSI 67 N Turk. One-story and basement frame dwelling.
Owner—H. C. Hogrefe, 359 24th Ave.
Architect—John D. Young, 2002 California Street. $4,500

DWELLING
(2115) W PARIS 80 N Sloat Blvd. One - story and basement frame dwelling.
Owner—Glen P. Vincent, 491 Castro.
Contractor—C. T. Lindsay, 140 Duboce Avenue.
Architect—Not Given. $4950

DWELLING
(2116) E 35th AVE. 100 N Balboa. One - story and basement frame dwelling.
Owner & Builder—Mendo Corp., 1136 Clement Street.
Architect—Not Given. $4,000

DWELLING
(2117) W 29th AVE. 275 N Rivera. One - story and basement frame dwelling.
Owner and Builder—Happy Homes Bldg. Co., 2194 30th Ave.
Architect—Not Given. $3,450

DWELLING
(2118) E COLBY 154 SILVER AVE. One - story and basement frame dwelling.
Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given. $4,250

DWELLING
(2119) E COLBY 49 N SILVER AVE. One - story and basement frame dwelling.
Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given. $4,250

DWELLING
(2120) E COLBY 224 N Silver Ave. One - story and basement frame dwelling.
Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given. $4,250

DWELLING
(2121) E COLBY 119 N Silver Ave. One - story and basement frame dwelling.
Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given. $4,250

DWELLING
(2122) E COLBY 189 N Silver Ave. One - story and basement frame dwelling.
Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given. $4,250

DWELLING
(2123) E COLBY 84 N Silver Ave. One - story and basement frame dwelling.

Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given. $4,250

DWELLING
(2124) W COLBY 168 N Silver Ave. One - story and basement frame dwelling.
Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given. $3,900

DWELLING
(2125) W COLBY 63 N Silver Ave.
Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given. $3,900

DWELLING
(2126) W COLBY 203 N Silver Ave. One - story and basement frame dwelling.
Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given. $3,900

DWELLING
(2127) W COLBY 98 N Silver Ave. One - story and basement frame dwelling.
Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given. $3,900

DWELLING
(2128) W COLBY 28 N Silver Ave. One - story and basement frame dwelling.
Owner & Builder—Heyman Bros., 742 Market Street.
Architect—Not Given. $3,900

DWELLING
(2129) W COLBY 133 N Silver Ave. One - story and basement frame dwelling.
Owner & Builder—Heyman Bros., 742 Market Street.
Architect—Not Given. $3,900

DWELLING
(2131) W. 16TH AVE, 33 S ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given. $4500

DWELLING
(2132) W. 16TH AVE., 100 S ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given. $4500

DWELLING
(2133) W. 16TH AVE., 67 S. ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given. $4500

DWELLING
(2134) N. SUTRO HEIGHTS, 75 W. 47TH AVE. One-story and basement frame dwelling.
Owner—Arco Bldg. Co., 4708 Mission.
Architect—Not Given. $4000

DWELLING
(2135) N. SUTRO HEIGHTS, 50 W. 47TH AVE. One-story and basement frame dwelling.
Owner—Arco Bldg. Co., 4708 Mission.
Architect—Not Given. $4000

DWELLING
(2136) W. MONETA WAY, 239 N. FARRAGUT. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission.
Architect—Not Given. $3000

DWELLING
(2137) W. MONETA, 161 N. FARRAGUT. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission.
Architect—Not Given. $3000

DWELLING
(2138) W. MONETA WAY, 135 N. FARRAGUT. 1-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission.
Architect—Not Given. $3000

DWELLING
(2139) W. MONETA, 187 N. FARRAGUT. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission.
Architect—Not Given. $3000

DWELLING
(2140) W. MONETA, 213 N. FARRAGUT. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 4482 Mission.
Architect—Not Given. $3000

DWELLING
(2141) NE FITZGERALD, 232 S. PHELPS. One-story and basement frame dwelling.
Owner—Joe Blum, 212 Silliman.
Architect—Not Given. $4000

DWELLING
(2142) NE FITZGERALD, 207 S. PHELPS. One-story and basement frame dwelling.
Owner—Joe Blum, 212 Silliman.
Architect—Not Given. $4000

ALTERATIONS
(2143) NW COR. 3RD AND CALIFORNIA. Alter apartments.
Owner—John Damele, 623 16th Ave.
Contractor—V. Masarie, 2550 19th St.
Architect—Not Given. $3000

DWELLING
(2144) N. TEDDY, 250 W. DELTA. One-story and basement frame dwelling.
Owner—J. Lewis, 483 Valencia.
Contractor—Jack Baker, Brisbane.
Architect—C. M. Cook, 2363 33d Ave. $2000

FLATS
(2145) SE HATTIE AND CORBETT. One-story frame flats.
Owner—Jack Schubell, care Contractor.
Contractor—A. C. Lindgren, 346 Lowell.
Architect—D. E. Jaekle, 126 Post St. $4000

FLATS
(2146) E. STANYAN, 165 N. TURK. Two-story frame flats.
Owner—Walter Petterson, 374 11th St., Oakland.
Architect—Williams & Wastell, 374 17th St., Oakland. $9000

DWELLING
(2147) SE JUANITA WAY, 80 NE Fowler.
Owner—Meyer Bros., 735 Portola.
Architect—Not Given. $3800

DWELLING
(2148) SE JUANITA WAY, 105 NE Fowler. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola.
Architect—Not Given. $3800

DWELLING
(2149) SE JUANITA WAY, 55 NE FOWLER. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola.
Architect—Not Given. $3800

DWELLING
(2150) SE JUANITA WAY, 30 NE FOWLER. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola.
Architect—Not Given. $3800

DWELLING
(2152) NE SCOTIA, 347 SE SILVER. One-story and basement frame dwelling.
Owner—Marshall T. Struthers, 4250 Mission.
Architect—Not Given. $3000

DWELLING
(2153) NE SCOTIA, 269 SE SILVER. One-story and basement frame dwelling.
Owner—Marshall T. Struthers, 4250 Mission.
Architect—Not Given. $3000

DWELLING
(2154) NE SCOTIA, 320 SE SILVER. One-story and basement frame dwelling.
Owner—Marshall T. Struthers, 4250 Mission.
Architect—Not Given. $3000

DWELLING
(2155) NE SCOTIA, 243 SE SILVER. One-story and basement frame dwelling.
Owner—Marshall T. Struthers, 4250 Mission.
Architect—Not Given. $3000

DWELLING
(2156) NE SCOTIA, 217 SE SILVER. One-story and basement frame dwelling.
Owner—Marshall T. Struthers, 4250 Mission.
Architect—Not Given. $3000

DWELLING
(2157) NE SCOTIA, 295 SE SILVER. One-story and basement frame dwelling.
Owner—Marshall T. Struthers, 4250 Mission.
Architect—Not Given. $3000

DWELLING
(2158) E 29th AVE. 75 N Santiago. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(2159) NE 29th AVE. and Santiago. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(2160) N SANTIAGO 95 E 29th Ave. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(2161) E 29th AVE. 25 N Santiago. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(2162) E 29th AVE. 50 N Santiago. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3,500

DWELLING
(2163) W GOLETA 40 N Sloat. One-story and basement frame dwelling.
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.
Architect—A. H. Larsen, 333 Kearny Street. $5,500

DWELLING
(2164) W GOLETA 160 N Sloat. One-story and basement frame dwelling.
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.
Architect—A. H. Larsen, 333 Kearny Street. $6,000

DWELLING
(2165) W GOLETA 120 N Sloat. One-story and basement frame dwelling.
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.
Architect—A. H. Larsen, 333 Kearny Street. $5,500

DWELLING
(2166) W GOLETA 80 N Sloat. One-story and basement frame dwelling.
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.
Architect—A. H. Larsen, 333 Kearny Street. $6,000

ALTERATIONS
(2167) NE COR. SIXTH and Mission. Alter hotel.
Owner—Hibernia Bank, Jones and McAllister Streets.
Contractor — M. E. Vukicevich, 666 Mission Street.
Architect—Not Given. $1,200

ALTERATIONS
(2168) 1440 PALACE. Alter dwelling.
Owner—J. Compredon, 2048 Market.
Contractor—I. W. Coburn, 2048 Market Street.
Architect—Not Given. $1,000

DWELLING
(2169) W COLLINGWOOD 238 N 21st. One-story and basement frame dwelling.
Owner and Builder—B. Brunings, 430 Hyde Street.
Architect—D. E. Jaekle, 126 Post St. $2,000

ALTERATIONS
(2170) 52 KEARNY ST. Alter store.
Owner—A. Maskey, 52 Kearny St.
Contractor — Mullen Manufacturing Co., 60 Rausch Street.
Architect—Not Given. $1,850

ALTERATIONS
(2171) 300 MARKET ST. Alter store.
Owner—Ada Selig, premises.
Contractor—Fink and Schindler, 552 Brannan Street.
Architect—Not Given. $3,900

ALTERATIONS
(2172) 173 ELLINGTON. Alter dwelling.
Owner—Walter McKenna, premises.
Contractor—Fred J. Early, Jr., 369 Pine Street.
Architect—Not Given. $1,500

ALTERATIONS
(2173) 30 BLUXOME. Alter factory.
Owner—S. L. Newman, care Crocker First National Bank.
Contractor—Geo. Wagner, 181 South Park.
Architect—Not Given. $3,000

FLATS
(2174) W FILLMORE 176 N Chestnut. Two-story frame flats.
Owner and Builder—Louis Franceschi, 3630 Fillmore St.
Architect—Not Given. $9,000

FLATS
(2175) W FILLMORE 20 N Chestnut. Two-story frame flats.
Owner—H. A. Sylvia, 76 Union St.
Contractor—Louis Franceschi, 3630 Fillmore Street.
Architect—Not Given. $9,000

ALTERATIONS
(2176) 841 FULTON ST. Alter apts.
Owner—Lenora Mayor, 849 Fulton.
Contractor—Miller and McGillis, 527 19th Avenue.
Architect—Not Given $3,000

FOUNDATION
(2177) 530 CHESTNUT. Foundation.
Owner—Bauer Sweitzer Hop & Malt Co., Prem.
Contractor—Mission Concrete Const. Co., 272 Turk.
Architect—Not Given. $6000

ALTERATIONS
(2178) 528 7TH AVE. Alter apartments.
Owner—Claude R. Carter, 526 7th Ave.
Contractor—Robert G. Black, 1935 Cabrillo.
Architect—Not Given. $1950

ALTERATIONS
(2179) 573 4TH AVE. Alter dwelling.
Owner—D. Steffens, Prem.
Contractor — Baker & Wagner, 86 Fairfield Way.
Architect—Not Given. $1500

ALTERATIONS
(2180) 142 IRVING. Alter dwelling.
Owner—J. Miller, 2048 Market.
Contractor—Ira W. Coburn, 2048 Market.
Architect—Not Given. $1000

FACTORY
(2181) SW COR. 16TH AND VERMONT. Class C Factory.
Owner—Echlin Mfg. Co., 799 Golden Gate Ave.
Contractor—Cahill Bros., Inc., 206 Sansome.
Architect—W. D. Peugh, 333 Montgomery. $56,000

ALTERATIONS
(2182) 1331 FOLSOM. Alter warehouse.
Owner—J. Droher, 143 8th St.
Contractor—Alex R. Inglis, 340 17th Ave.
Architect—Not Given. $2000

ALTERATIONS
(2183) 646 FOLSOM. Alter warehouse.
Owner—John Roebling, Prem.
Contractor—Barrett & Hilp, 918 Harrison.
Architect — W. P. Day, Financial Center Bldg. $2000

ALTERATIONS
(2184) 212 SAN JUAN AVE. Alter dwelling.
Owner—The McCarthy Co., 333 Kearny St.
Contractor—Aetna Construction Co., 1730 24th Ave. $1000

SERVICE STATION
(2185) NW COR. ARGUELLO & CALIFORNIA. One-story steel service station.
Owner—Shell Oil Co., 100 Bush.
Architect—Not Given. $4000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1593	Woodburn	Owner	5000
1594	Moore	Griffith	4700
1595	Shearer	Owner	2700
1596	Ghiglione	Triberti	2000
1597	Johnson	Owner	2500
1598	Finance	Schneck	2527
1599	Muther	Owner	5000
1600	Harmon	Owner	1000
1601	Carpenter	Walker	1000
1602	Harmon	Harmon	1000
1603	Ketl	Walker	1000
1604	Hagar	Nordstrom	4000
1605	Parkinson	Teigland	13900
1606	Kashian	Courtright	2000
1607	Carey	Owner	1500
1608	Nelson	Nelson	7000
1609	Kennedy	Waldman	3500
1610	Perrin	Perrin	6000
1611	Walker	Owner	7600
1612	Trimlett	Owner	3900
1613	Regina	Parks	7800
1614	Leekins	Owner	6400
1615	Adams	Anderson	5500
1616	Harper	Sutter	4450
1617	Parikos	Brown	1000
1618	Payne	Owner	5000
1619	Bussenius	Treichel	4800
1620	Henderson	Owner	4900
1621	Baker	Christiansen	2200
1622	Permann	Slocombe	8500
1623	Brasch	Owner	4000
1624	Scottish	Dinwiddie	3000
1625	Blanck	Lossing	1000
1626	Fisher	Johnson	3000
1627	Templeton	Owner	6000

DWELLING
(1593) 1614-20-26 HAMPEL ST., OAKLAND. One-story 6-room dwelling.
Owner & Builder—Paul E. Woodburn, 624 Prospect Ave.
Architect—Not Given. $5000 ea.

DWELLING
(1594) 1800 107th AVE., OAKLAND. One-story 6-room dwelling.
Owner—W. L. Moore, 4650 E. 14th St.
Contractor—C. W. Griffith 1537 7th Ave.
Architect—Not Given. $4700

DWELLING
(1595) 3327 HERRIOR ST., OAKLAND. Two-story 5-room dwelling.
Owner & Builder—Emmett Shearer, Prem.
Architect—Not Given. $2700

RETAINING WALL
(1596) 2900 PARK BLVD., OAKLAND. Concrete retaining wall.
Owner—Angelo Ghiglione, Prem.
Contractor—Triberti & Massaro, 888 43rd St.
Architect—Not Given. $2000

DWELLING
(1597) 912 BLAIR AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—C. B. Johnson, 906 Blair Ave.
Architect—Not Given. $2500

ALTERATIONS
(1598) 1624 FRANKLIN STREET, OAKLAND. Alterations.
Owner—Finance Bldg. Co., Prem.
Contractor—A. W. Schneck, 3127 Herriott St.
Architect—J. K. Ballantine, San Francisco. $2527

DWELLING
(1599) 74 SHERIDAN RD., OAKLAND. One-story 6-room dwelling.
Owner & Builder—G. W. Muther, 5519 Thomas St.
Architect—Not Given. $5000

GARAGE
(1600) 793 CRAGMONT, BERKELEY. Private garage.
Owner & Builder—W. G. Harmon, Prem.
Architect—Not Given. $1000

ADDITIONS
(1601) 611 EUCLID, BERKELEY. Additions.
Owner—Dr. Carpenter, Prem.
Contractor—J. [illegible] Walker 1709 Grove.
Architect—Not Given. $1000

ALTERATIONS
(1602) 793 CRAGMONT, BERKELEY. Alterations.
Owner & Builder—W. G. Harmon, Prem.
Architect—Not Given. $1000

ALTERATIONS
(1603) 46 EL CAMINO REAL, BERKELEY. Alterations.

Owner—Mr. Kett, Prem.
Contractor—J. M. Walker, 1709 Grove.
Architect—Not Given. $1000

ADDITION
(1604) 126 OAKMONT AVE., PIEDMONT. Addition to residence.
Owner—Geo. H. Hagar, 126 Oakmont Ave.
Contractor—David Nordstrom, Bldrs. Exchange.
Architect—Not Given. $4000

RESIDENCE
(1605) 120 SOMERSET RD., PIEDMONT. Residence and garage.
Owner—Dr. S. Parkinson, 1720 Trestle Glen Road.
Contractor—C. M. Teigland, 4607 Harbord Drive.
Architect—Not Given. $13,900

STORE
(1606) 5528 TELEGRAPH AVENUE OAKLAND. One-story store.
Owner—Haji Kashishian, 5530 Telegraph Ave., Oakland.
Contractor — T. O. Courtright, 5098 Manila Ave., Oakland.
Architect—Not Given. $2,000

ALTERATIONS
(1607) 286 12th ST., OAKLAND. Alterations.
Owner & Builder—K. N. Carey, Walnut Creek.
Architect—Not Given. $1,500

DWELLING
(1608) 1934-42 TIFFIN ROAD, OAKLAND. Two one-story five-room dwellings.
Owner—R. H. Nelson, 415 Bellevue Ave., Oakland.
Contractor—H. Nelson, 415 Bellevue Ave., Oakland.
Architect—Not Given. $3500 ea.

DWELLING
(1609) 2222 57th AVE., OAKLAND. One-story 5-room dwelling.
Owner—J. Kennedy, 5958 Harmon Avenue, Oakland.
Contractor—A. E. Waldman, 3192 McKillop Rd., Oakland.
Architect—Not Given. $3,500
Also 1-story garage, $150.

DWELLING
(1610) 1510 LEROY AVE., BERKELEY. Two-story six-room frame dwelling and garage.
Owner—F. C. Perrin, 1526 LeRoy.
Contractor—F. E. Perrin, premises.
Architect—C. R. Madison. $6,000

DWELLING
(1611) 2665 CAMINO LENADA, OAKLAND. One-story 6-room dwelling.
Owner & Builder—R. F. Walker, 5831 Ross St., Oakland.
Architect—Not Given. $7,600
Also 1-story garage, $400.

DWELLING
(1612) 1817 DURANT AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Robert Trimlett, 926 Santa Clara Ave., Alameda.
Architect—Not Given. $3,900
Also 1-story garage, $250.

DWELLING
(1613) 105 EL CAMINO REAL, BERKELEY. Two-story seven-room frame dwelling and garage.
Owner—O. L. Regina.
Contractor—R. F. Parks, 2104 Addison St., Berkeley.
Architect—E. L. Snyder, 2104 Addison St., Berkeley. $7,800

DWELLING
(1614) 6052 LA SALLE AVENUE, OAKLAND. Two-story 7-room dwelling.
Owner & Builder—C. W. Leekins, 4481 Moraga Ave.
Architect—Not Given. $6400

DWELLING
(1615) 3756 REDWOOD RD., OAKLAND. Two-story 6-room dwelling.
Owner—C. Robert Adams, 62 Farragut Ave., Piedmont.
Contractor—Frank W. Anderson, 2111 Ashby Ave., Berkeley.
Architect—Not Given. $5500

DWELLING
(1616) 3989 FORESTHILL AVE., OAKLAND. One-story 6-room dwelling.
Owner—James L. Harper, Prem.
Contractor—J. F. Sutton, 3715 San Juan St.
Architect—Not Given. $4450

ALTERATIONS
(1617) 317 E. 14TH ST., OAKLAND. Alterations.
Owner—Nick Parikos, Prem.
Contractor—J. B. Petersen & Son., 4021 Agua Vista Ave.
Architect—G. L. Brown, 601 American Bldg. $1000

DWELLING
(1618) 664 MOUNTAIN BLVD., OAKLAND. Two-story 6-room dwelling.
Owner & Builder—E. B. Payne, 1133 Everett Ave.
Architect—Not Given. $5000

DWELLING
(1619) 5132 COCHRAN AVENUE, OAKLAND. One-story 6-room dwelling.
Owner—Minna Bussenius, 820 Portal Ave.
Contractor—R. R. Bussenius, 820 Portal Ave.
Architect—C. H. Treichel, 696 Cleveland Ave. $4800

DWELLING
(1620) 7827 OUTLOOK AVENUE, OAKLAND. Two-story 5-room dwelling.
Owner & Builder—A. R. Henderson, 3422 68th Ave.
Architect—Not Given. $4900

ADDITIONS
(1621) 50 BONNIE LANE, BERKELEY. Additions.
Owner—L. G. Baker, Prem.
Contractor—H. Christiansen, 2726-A Grove.
Architect—Not Given. $2200

DWELLING
(1622) 34 SONIA ST., OAKLAND. Two-story 8-room dwelling.
Owner—Karl Permann, 6101 Rockridge Blvd.
Contractor—Chas. E. Bardwell, Jr., 5910 Acacia Ave.
Architect—T. H. Slocombe, 131 Monte Cresta Ave. $8500

DWELLING
(1623) 158 HERMOSA AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—M. P. Brasch, 1600 Mountain Blvd.
Architect—Not Given. $4000

ALTERATIONS
(1624) 1547 OAK ST., OAKLAND. Alterations.
Owner—Scottish Rite Temple Assn., Prem.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco. $3000

ADDITIONS
(1625) 914 MODOC, BERKELEY. Additions.
Owner—C. T. Blanck, Prem.
Contractor—T. S. Lossing, 47 Canyon Road.
Architect—Not Given. $1000

DWELLING
(1626) 2046 103RD AVE., OAKLAND. One-story 6-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor — Elmer Johnson, 450 Oakes Blvd., San Leandro.
Architect—Not Given. $3000
Also 1-story garage, $125.

DWELLING
(1627) 1972 OAKCREST DR., OAKLAND. Two-story 6-room dwelling.
Owner & Builder—Robert and Leala M. Templeton, 20 Broadway, Berkeley.
Architect—Not Given. $6000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
150	McCarthy	Duerner	2650
151	Scovel	Abrahams	4730
152	Sivley	Little	13050
153	Selig	Fink	7530
154	Melone	Vannucci	9500
155	Goodsell	McSheehy	800

DWELLING
(150) N GRAFTON 65 E Capitol. Three-story dwelling with stucco front and garage.
Owner—The McCarthy Co., 333 Kearny Street.
Architect—Not Given.
Contractor—Will Duerner, Jr., as the Aetna Const. Co., 301 Evergreen.
Filed, Oct. 15, '36. Dated, Sept. 24, '36
Frame up 25%
Brown coated 25%
Completion 25%
Usual 35 days.....25%
TOTAL COST, $2,650
Limit, 90 days. Plans and Specifications filed.

ALTERATIONS
(151) 1123 POST ST. Alter store.
Owner—Scovel & Sons Co., 735 Eddy.
Architect—G. W. Travis, 251 Kearny.
Contractor—H. Abrahams, 50 Silliman Street.
Filed, Oct. 15, '36. Dated, Oct. 14, '36.
Stair openings and partition frames $1,182
Ready for painting..... 1,182
Completion 1,182
Usual 35 days..... 1,182
TOTAL COST, $4,730
Limit, 40 days. Plans and specifications filed.

DWELLING
(152) LOT 13 BLK 6, St. Francis Wood. Two-story and basement dwelling.
Owner—Geo. C. and Jean G. Sivley, 220 Vasquez St.
Architect—Masten & Hurd, 233 Post.
Contractor—M. A. Little Co., 2922 25th Avenue.
Filed, Oct. 16, '36. Dated, Oct. 6, '36.
Frame up $3262.49
Brown coated 3262.49
Completion 3262.49
Usual 35 days..... 3262.49
TOTAL COST, $13,050.95
Bond, $13,050.95. Sureties, M. A. Little. Plans and specifications filed.

ALTERATIONS
(153) 300 MARKET ST. Alter store.
Owner—Ada Selig, Prem.
Contractor—The Fink & Schindler Co., 552 Brannan St., San Francisco.
Filed Oct. 17, '36. Dated Oct. 14, '36.
75% weekly.
25% usual 35 days.
TOTAL COST, $7530
Bond, $4000. Surety, American Surety Co. of New York. Limit, Prior to Nov. 26. Plans and specifications filed.

BUILDING
(154) N. FOLSOM, 350 W. 5TH ST. Steel frame and reinforced concrete 1-story and part mezzanine building.
Owner—The Melone Co., 157 San Marcos St.
Architect—George de Colmesnil, 111 Sutter St., San Francisco.
Contractor—Vannucci Bros. & Henry Doelger, 320 Judah St., San Francisco.
Filed Oct. 17, '36. Dated Sept. 28, '36.
75% on 5th and 20th of month.
25% usual 35 days.
TOTAL COST, $9,500
Limit, 70 days. Plans and specifications filed.

GARAGE
(155) W. VALENCIA, 300 S 23D ST. Three-car garage.
Owner—M. L. Goodsell.
Contractor—James B. McSheehy, 137 Clifford Terrace.
Filed Oct. 19, '36. Dated Sept. 15, '36.
Frame up $300
Completion 300
Usual 35 days 200
TOTAL COST, $800
Limit, 60 days. Plans filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
141	Dalziel	Walstrom	19606
142	Wakefield	Peterson	4331
143	Mills	Brockhurst	——
144	Hill	Anderson	12960

RESIDENCE
(141) LOTS 3 & POR LOT 4, Claremont Pines, Oakland. Residence.
Owner—Mr. A. Dalziel, 2811 Woolsey St., Berkeley.
Architect—Clarence W. Mayhew 6026 Acacia Ave., Oakland.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.
Filed Oct. 15, '36. Dated Oct. 14, '36.
28th day, ea. mo., 80% lab. & mat.
Usual 35 days, 20%.
TOTAL COST, $19,606
Limit, April 1, 1937. Plans and specifications filed.

ADDITIONS
(142) 426 17th ST., Oakland. Additions.
Owner—The Wakefield Bldg., Inc.
Architect—Guy L. Brown, 601 American Bldg., Oakland.
Contractor—J. B. Peterson and Son, 4025 Agua Vista Ave., Oakland.
Filed, Oct. 16, '36. Dated, Oct. 1, '36.
Steel frame complete $1443.00
Completion 1444.00
Usual 35 days 1444.00
TOTAL COST, $4331.00
Bond, $4331. Sureties, Hartford Accident aand Indemnity Co. Limit, 60 days. Plans aand Spec. filed.

TILE WORK
(143) SW COR. NINTH and Fallon Sts., Oakland. Tile work.
Owner—Mills College, Oakland.
Architect—W. H. Ratcliff.
Contractor—Brockhurst Tile Co., 2819 Shattuck Ave., Berkeley.
Filed, Oct. 16, '36. Dated, Sept. 22, '36
10th of each month 75%
Usual 35 days 25%
TOTAL COST, $——
Bond, $613. Sureties, Fidelity & Deposit Co. Limit, 12 days.

STORE BUILDING
(144) LOT 161, PIEDMONT-BY-THE-LAKE, OAKLAND. One-story reinforced concrete store building.
Owner—Clarence M. Hill.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—A. F. Anderson, 3524 Harbor View Drive.
Filed Oct. 20, '36. Dated Oct. 19, '36.
Forms built and reinforcing in place $3207.50
Roof in place and building plastered 3207.50
Completion 3207.50
Usual 35 days 3207.50
1 year from completion 130.00
TOTAL COST, $12,960.00
Bond, $12,960. Surety, Maryland Cas. Co. Limit, 90 days. Plans and specifications filed.

SAN FRANCISCO CO., UNDER $1000

ALTER dwelling, $280; 3283 Folsom; owner, Mr. Andersen, Prem.; contractor, P. Andersen, 4082 Army St.
RETAINING WALL, $295; NW Cor. 6th and Natoma; owner, Wm. P. Carroll, 615 2nd Ave.
ALTER apts., $500; 849-51-53 Fulton; owner, Leonora Mayer, 849 Fulton; contractor, Miller & McGillis, 527 19th Ave.
ALTER flat, $300; 27 and 29 Dorland; owner, A. Guilbert, 138 Dorland.
SIGN, electric, $150; 2001 Market; owner, Kresteller Motor Co., Prem.; contractor, Wonderlite Neon Products Co., 170 Otis St.
SIGN, electric, $150; 830 Donahue; owner, Northern Calif. Crab Co., Prem.; contractor, Laib, 7th and Folsom.
ALTER factory, $485; 1108 Howard; owner, C. F. Halzmueller, Prem.; contractor, Langfelder & Schuster, 280 Wawona.
ALTER flats, $40; 2739 Webster; owner, Miss Nickleson, 1998 Vallejo; contractor, W. O. Purdy, 2068 Divisadero.
ALTER dwelling, $400; 63 Santa Marina; owner, A. M. Pinkert, 71-A Santa Marina.
ALTER store, $400; 1001 Taraval; owner, American Trust Co., 464 California; contractor, L. A. Hinson, 756 4th Ave.
ALTER dwelling, $375; 337 Douglas; owner, Sam Matisen, 229 Douglas; contractor, W. Fridstrom, 88 Lyell.
ALTER flats, $45; 207 Richland Ave.; owner, John Bogosian, Prem.
SIGN, electric, $350; 1178 Market; owner, Dixie Dixon's, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.
SIGN, electric, $100; 82 Market; owner, Golden Hotel, Prem.; contractor, Novelty Electric Sign Co., Inc., 66 Washburn.
ALTER market, $175; 2201 Market; owner, M. A. Klinger, 2845 Lake Street.
ALTER dwelling, $450; 1530 McAllister; owner, C. C. Captanich, Prem.; contractor, Fred J. Early, Jr., 369 Pine St.
BILLBOARD, $13; NE Market and Buchanan; owner, Foster and Kleiser Co., 1675 Eddy St.
FLUE, $55; 1144 Eddy St.; owner, J. A. Ness, Prem.; contractor, Howe Furnace Co., 2222 Bush St.
FLUES, $60; E. Nueva, 175 S Blanken; owner, Wm. Grahn, 2965 Mission; contractor, W. Burlani, 2555 San Bruno.
ALTER dwelling, $500; 2409 Harrison; owner, J. T. Depaoli, 3289 Mission.
SIGN, electric, $100; 5501 3rd St.; owner, Four Mile House, Prem.; contractor, Apex Elec. Co., 363 Fell St.
ALTER dwelling, $175; 549 Flood Ave.; owner, Alfred Klahn, Prem.; contractor, S. F. Concrete Co., 107 28th.
FLUES, $60; E. Nueva, 150 S. Blanken; owner, Wm. Grahn, 2965 Mission; contractor, W. Burlani, 2555 San Bruno.
ALTER hotel, $500; SW Cor. 6th & Stevenson; owner, M. Brown & Co., Mills Tower.
SIGN, electric, $100; 1133 Golden Gate Ave.; owner, Mr. Brady, Prem.; contractor, Apex Electric Co., 363 Fell.
ALTER dwelling, $400; 1879 Chestnut; owner, H. E. Brown, Prem.
BILLBOARD, $7; SW Cor. 19th and Santiago; owner, Union Oil Co., 220 Montgomery; contractor, Foster and Kleiser Co., 1675 Eddy St.
ALTER store, $970; SE Cor. 6th and Jessie; owner, R. Iberson, 1656 Golden Gate Ave.; contractor, Phoenix-Simpton Co., 520 6th Street.
ALTER store, $500; NW Cor. Folsom and 6th St.; owner, Edward Rolkin, 136 McAllister; contractor, D. J. and T. Sullivan, Inc., 1942 Folsom.
SIGN, electric, $350; 500 Van Ness Ave.; owner, Stockton's, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. So.
ALTER flat, $320; 761-63 San Bruno; owner, E. Posini, 713 San Bruno; contractor, J. B. Bourdieu, 2625 20th St.
SIGN, electric, $150; 2464 Mission; owner, Bloom's, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. So.
ALTER dwelling, $425; 318 28th St.; owner, Jas. H. Keane, Prem.; contractor, A. Nelson, Inc., 242 Ocean Ave.
ALTER store, $65; 1500 18th St.; owner, Emma Sottone, 215 Arkansas.
STUCCO flats, $450; 1938 Bush St.; owner, Burton Julia, Prem.; contractor, Rakele & Keer, 757 Grove.
ALTER shop, $10; 2269 Mission; owner, Passero & Reid, Prem.; contractor, Deckelman Bros., 48 Turk.
ALTER store and flat, $350; 480 5th Ave.; owner, J. Marestin, Prem.; contractor, Sunset Tile Co., 2219 Irving.
SIGN, electric, $150; 3901 18th St.; owner, Ray's, Prem.; contractor, Pioneer Electric Co., 370 Van Ness Ave. So.

ALAMEDA COUNTY—UNDER $1000

REPAIRS, $546; 257-61 12th St., Oakland; owner, S. Cianciarulo, Prem.; contractor, J. J. Grodem, 1520 Morton St., Alameda.
ALTERATIONS for garage, $75; 1510 Filbert St., Oakland; owner and contractor, Harriett L. Collins, Prem.
ALTERATIONS, $100; 8801 A Street, Oakland; owner and contractor, P. Ghione, Prem.
RE-ROOF, $83; 342 Santa Clara Ave., Oakland; owner, Emma T. Ish, Prem.; contractor, C. E. Vincent, 2362 Courtland Ave.
CHIMNEY, brick, $180; 300 Broadway, Oakland; owner, Electric Mfg. Co., Prem.; contractor, A. B. MacMurtry, 1217 Grand Ave., Piedmont.
GARAGE, 1-story, $200; 5263 Claremont Ave., Oakland; owner, Joe Fiorio, Prem.; contractor, John Cisero, 474 42n dSt.
FIRE repairs, $300; 2923 Nical Ave., Oakland; owner, W. C. McKenzie, Prem.; contractor, A. H. Rose, 478 25th St.
GARAGE, 1-story, $350; 695 33rd St., Oakland; owner and contractor, A. C. Enright, Prem.
WRECK 1-story building, $50; 1781 Atlantic St., Oakland; owner and contractor, Cecil King, 1074 Talbot Ave., Albany.
WRECK 2-story building, $300; 1533 Filbert St., Oakland; owner and contractor, C. F. Roberts, 937 Market St.
ADDITION, $150; 1351 61st Avenue, Oakland; owner and contractor, Tony Garcia, Prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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8.—Club Buildings
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13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
APARTMENTS Cost, $10,000
MILLBRAE, San Mateo County, Cal. Broadway and Victoria.
Two-story frame and stucco apartment building.
Owner—N. Schultz.
Architect—Not Given.
Contractor—Schultz Const. Co., 1 Hillcrest Drive, Millbrae.

Plans Being Figured
APARTMENT Cost, $25,000
OAKLAND, Alameda Co., Cal. Oakmore Highlands (Clemens Road).
Two-story frame and stucco apartment building (four 5-rm. apts.), oak floors, hot water heating system with oil - burning equipment, insulation linoleum and oak floors, electric ranges, etc.
Owner—Daniel Stower, Sacramento.
Plans by Irwin M. Johnson, 2215 7th Avenue, Oakland.
Mark Bristol, 1038 McKinley Ave., Oakland, is the only contractor figuring plans.

3— CHURCHES

Sub Contracts Awarded
ALTERATIONS Cost, $25,000
VALLEJO, Solano Co., Calif.
Alterations and additions to St. Vincent's Ferrers Church (Rev. J. J. Butler, Rector).
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect — Arnold Constable, 580 Market St., San Francisco.
Contractor — J. H. Schnieder, 5621 Shafter Ave., Oakland.
Electric—Alca Electric Co., 415 Virginia St., Vallejo.
Stone—J. Chiantaretto, 328 Lincoln St., Alameda.
Mill—Lannom Bros., 5th & Magnolia Sts., Oakland.
Lumber—Vallejo Lumber Co., Monterey & Maryland Sts., Vallejo.
Ornamental Iron—Patterson & Koster, 280 13th St., San Francisco.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Reinf. Steel—W. S. Wetenhall, 17th and Wisconsin Sts., San Francisco.

Planned
CHURCH Cost, $.....
FRESNO, Calif. Ferger and Thomas.
New church building.
Owner—First Lutheran Church (Rev. George P. Kabele, Pastor).
Architect—Not Given.

PREPARING PLANS
LOS ANGELES, Calif. — Architect Carleton M. Winslow, 1001 Architects' Bldg., is preparing working drawings for a one- and part two-story frame and stucco addition to Amanda Chapel, located on Olympic Blvd., Carthay Circle, for the Episcopal Diocese of Los Angeles; the Rev. John C. Donnell, Vicar.

Sub-Contracts Awarded
CONVENT Cost, $60,000
SAN FRANCISCO. NE Geary Street and Eighth Avenue.
Three-story Class B reinforced concrete Sisters' residence (26 bedrooms, chapel to seat 30) composition roofing, steam heating oil burning system, terra cotta tile partitions in basement, solid plaster partitions throughout the building, art glass in chapel, gum finish in interior.
Owner—Roman Catholic Archbishop, 1100 Franklin St.
Architect—John J. Foley, 770 Fifth Avenue.
Contractor—Cahill Brothers, 206 Sansome Street.
Lumber—Loop Lumber Co., Central Basin.
Concrete—Golden Gate Atlas Materials Co., 16th and Harrison.
Reinforcing Steel—Truscon Steel Co. 604 Mission Street.
Plumbing—Wm. J. Forster Sons, Ltd. 355 Fourth Street.
Heating—Knittle Bros., 224 5th St.
Oil Burners—S. T. Johnson Co., 585 Potrero Avenue.
Electrical—Alta Electric & Mechanical Co., 467 O'Farrell Street.
Ornamental Iron—F. Kern & Sons, 517 Sixth St.
Brick and Tile—Wm. A. Rainey and Son, Inc., 323 Clementina St.
Roofing—J. W. Bender Roofing and Paving Co., 18th and Bryant Sts.

Planned
CHURCH AND PARSONAGE Cost, $5000
FRESNO, Calif. Tenth and Mono Streets.
New church and parsonage; mission style adobe bldg., with full basement.
Owner—East Side Christian Church (Rev. Emery W. Snyder, Pastor), Fresno.
Architect—Not Given

Plans Completed
ALTERATIONS Cost, $15,000
SAN FRANCISCO, Calif. Fillmore & Hayes Sts.
Alterations to Convent.
Owner—Sisters of the Holy Family.
Architect—D. E. Jaekle, 126 Post St.
E. Gallagher, Supervisor of construction, is taking segregated bids.

4— FACTORIES & WAREHOUSES

Contract Awarded
INDUSTRIAL BUILDING Cost, $75,000
PORTLAND, Oregon. N.E. Union & Tillamook.
One-story and basement reinforced concrete industrial building (115 x100 feet), 10-car garage.
Owner—Williams & Company.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland, Ore.
Contractor — Shattuck & Neland, Couch Bldg., Portland, Ore.

Prospective Bidders
SHEDS Cost, $.....
SAN FRANCISCO. Piers 9 and 19.
Two reinforced concrete sheds (110x 820 ft. each), steel frame, reinforced concrete walls, etc.
Owner—State of California (Board of Harbor Commissioners).
Engineer — Frank G. White, Ferry Building.
Following will submit bids. Bids open Oct. 26, 2 P. M.
Barrett & Hilp, 918 Harrison St., San Francisco.
Clinton Construction Co., 923 Folsom St., San Francisco.
Monson Bros., 475 6th St., San Francisco.
E. T. Lesure, 87 Ross Circle, Oakland.
MacDonald & Kahn, Financial Center Bldg., San Francisco.
Reinforcing Steel Institute, 415 Rialto Bldg.
Columbia Steel Co., Russ Bldg., San Francisco.
Herrick Iron Works, 1729 Campbell St., Oakland.
Independent Iron Works, 821 Pine St., Oakland.
Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.
Plans and specifications may be obtained from above office upon deposit of $20.00.

Contract Awarded
INDUSTRIAL BLDG. Cost, $.....
SAN FRANCISCO, Calif. 944 Folsom Street.
One - story and mezzanine floor reinforced concrete industrial building (corrugated iron roof with steel trusses, etc.).
Owner—Malone Estate
Architect — George DeColmesnil, 111 Sutter Street
Contractor—Vannucci Bros. & Henry Doelger, 320 Judah St.

Plans Being Prepared
FACTORY Cost, $50,000
FERNBRIDGE, Humboldt Co., Calif.
Powdered milk mfg. plant (80x80-ft.)
Owner—Humboldt Creameries (Peter Phillipsen, Pres.) Fernbridge.
Architect—Not Given.

CONTRACT AWARDED
VERNON, Los Angeles Co., Cal. —Rainey & MacIsaac, 6624 Stanford Ave., awarded contract for steel and wood frame construction of a unit at 3601 Santa Fe Ave., Vernon, for Glass Containers, Inc. Cost, $75,000. Leland Rosener, engineer, 233 Sansome St., San Francisco

PREPARING PLANS
LOS ANGELES, Calif.—California Electric Steel Mills; A. C. Denman in charge, 407 Van Nuys Bldg., Los Angeles, preparing plans for a steel frame electric steel rolling mill to be built on a site south of the Pacific Electric depot in Watts.

Sub Contracts Awarded
FACTORY Cost, $56,000
SAN FRANCISCO. Calif. 16th and Vermont Sts.
Three-story reinf. concrete factory (100x140 ft.).
Owner—Echlin Manufacturing Company, 799 Golden Gate Ave.
Architect—W. D. Peugh, 333 Montgomery St.
Consulting Engineer—F. W. Kellberg, 320 Market St.
Contractor—Cahill Bros., 206 Sansome St.
Concrete — Readymix Concrete Co., Ltd., Carolina & Mariposa Sts.,

San Francisco.
Reinf. Steel—W. C. Hauck, 280 San Bruno Ave., San Francisco.
Placing of Reinf. Steel—J. Phillips Murphy, 222 Parkview Avenue. Piedmont.

October 22, 1936

Additional Sub Contracts
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass mfg. plant (brick and insulux glass construction), concrete foundations, corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, vice-president in charge).
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Mgr. of Const.—P. J. Walker Company, Sharon Bldg., San Francisco.
Mechanical Engineer—A. R. McLaren, 611 Howard St., San Francisco.
Electrical Engineers—Kuchel & Sievers, 468 5th St., San Francisco.
Bids are being received by P. J. Walker Co., until October 27, 4 p.m., for steel sash.
Bids on electrical work and plumbing are being held under advisement.
Sheet Metal—Richmond Sheet Metal Works, 520 16th St., Richmond.
Water Sprinklers—Fire Protection Engineering Co., 369 Pine Street, San Francisco.
Water Tank & Tower—Pittsburgh-Des Moines Steel Co., Rialto Bldg., San Francisco.
Ventilators—H. H. Robertson Co., 50 Hawthorne St., San Francisco.
As previously reported, brick and insulux to Larsen & Larsen, 633 Bryant St., San Francisco; Underground Sewage System, Herman Lawson, 465 Tehama St., San Francisco; Readymix Concrete, Transit Concrete Co., Ltd., 6th and Berry Sts., San Francisco.
Concrete work (Building No. 7, Batch Plant) awarded to Barrett & Hilp, 918 Harrison St., San Francisco; structural steel (entire job) to Moore Dry Dock Co., foot of Adeline St., Oakland; piling to Raymond Concrete Pile Co., 333 Montgomery St., San Francisco; excavation, filling and grading to Heafey-Moore Co., 344 High St., Oakland, and chimneys to Alphons-Custodis Chimney Const. Co., New York City.

5— FLATS

To Be Done By Day's Work
ALTERATIONS Cost, $6,000
SAN FRANCISCO, Calif. 711 35th Avenue.
Alterations to flats.
Owner—Marie E. Burnie, 25 California Street.
Architect—Not Given.

Contract Awarded
FLATS Cost, $9,000
SAN FRANCISCO. W. Fillmore, N Chestnut.
Two-story frame flats.
Owner—H. A. Sylvia, 764 Union St
Architect—Not Given.
Contractor—Louis Franceschi, 3630 Fillmore St.

To Be Done By Day's Work
FLATS Cost, $10,000
SAN FRANCISCO, Calif. W. Fillmore, W Chestnut St
Two-story frame and stucco flats
Owner & Builder—Louis Franceschi 3630 Fillmore St.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $7,000
BERKELEY, Alameda Co., Calif. 2 Tunnel Road.
One-story steel service station.
Owner—J. Huntington.
Architect—Not Given.
Contractor—Fred J. Early, Jr., 366 40th St., Oakland.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
SAN DIEGO, Cal.—Hunt & Curry Co., 507 Bancroft Bldg., at $1,197 was awarded contract by Public Works Office, 11th Naval District, foot of Broadway, for alterations to Bldg. No. 15 at the Naval Operating Base (Marine Corps Base) San Diego; Spec. No. 8324. Work includes cutting an opening in existing tile wall and installing new exterior wood entrance door; changing of the existing stairs, fascias and railing leading from second floor; cutting and repairing interior tile walls; wood doors windows and trim to provide new office enclosure and to enclose an area under part of stairs; plaster soffet of new stairs, new tile partition walls and patch old plaster; patch stucco work, and other miscellaneous work.

CONTRACT AWARDED
SANTA CRUZ, Calif.—Pacific Painting & Decorating Company, 5417 Telegraph Ave., Oakland, at $888, awarded contract by Treasury Department, Washington, D. C., for painting plaster, etc., in the U. S. Post Office, Santa Cruz.

BIDS WANTED
REDONDO BEACH, Los Angeles Co., Calif.—Until Nov. 6, 10 A. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for exterior bracket lamps at the U. S. post office, Redondo Beach.
Plans and specifications may be obtained from the above office and from the Custodian of the Building, Redondo Beach.

BIDS OPENED
MARE ISLAND, Cal.—E. A. Cornely, Inc., 1452 Bush St., San Francisco, at $10,273, submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., for automatic equipment to convert four 300-h.p. oil-fired boilers now installed at the Navy Yard, Mare Island, to full automatic control and operation for both natural gas and fuel oil; Spec. No. 8238.
Complete bids follow:

E. A. Cornely, Inc., S. F.		$10,273
	(Alt.)	250
The Ray Oil Burner Co., S. F.		16,108
	(Alt.)	250
Scott Co., Oakland		22,558
	(Alt.)	200

COMPLETE BIDS
SAN DIEGO, Cal.—R. V. Morris & Co., 1202 Kettner Blvd., at $13,850, submitted low bid to Public Works Office, 11th Naval District, foot of Broadway, San Diego, for automatic sprinkler system in Dope Shop Bldg. No. 36, at the Naval Operating Base, San Diego; Spec. No. 8341.
Complete bids follow:

R. V. Morris & Co., San Diego	$13 850
Barnard Engr. Co., L. A.	14.000
Rockwood Sprinkler Co., S. F.	14.675
Grinnell Co. of Pacific, L. A.	14.994
Curtis Automatic Sprinkler	15.460
Viking Automatic Sprinkler	15.515

Recommendation has been made that award be made to the low bidder.

Contract Awarded
POST OFFICE Cost, $56,570
RENTON, Washington.
U. S. Post Office building.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Contractor — Western Construction Co., Textile Tower, Seattle, Wash.

BIDS WANTED
NOGALES, Arizona.—Until November 3, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc., in the U. S. Inspection Station at Nogales, Arizona. Plans and specifications may be obtained from above office and from the Custodian of the Building, Nogales, Arizona.

BIDS WANTED
PHOENIX, Arizona.—Until November 3, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for wood rail, wrought-iron grilles, directional sign, etc., in the U. S. Post Office at Phoenix, Arizona.
Plans and specifications may be obtained from above office and from the Custodian of the Building, Phoenix.

BIDS WANTED
SAN PEDRO, Los Angeles Co., Cal. —Until November 5, 10 a.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for metal counters and shelving at the U. S. Post Office and Courthouse at San Pedro.
Plans and specifications may be obtained from above office and from the Custodian of the Building, San Pedro.

BIDS OPENED
PHOENIX, Arizona.—Standard Electric Time Co., Springfield, Mass., at $1,575, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing clock system in the U. S. Post Office at Phoenix.

Contract Awarded
POST OFFICE Cont. Price, $63,807
MESA, Arizona.
United States Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Contractor—Edmond and E. J. Pfotser, Naco, Ariz.

BID OPENING POSTPONED
ALCATRAZ, San Francisco Co., Calif.—Until October 27, 2 p.m. (date postponed from October 20, previously reported), bids will be received by Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, for repairing freight elevator in Model Building, U. S. Penitentiary, Alcatraz, Calif.
Plans and specifications may be obtained from above office.
Bids will be opened at Room 214, Post Office Bldg., San Francisco.

Bid Opening Postponed Until October 29th, 1 P. M.
POST OFFICE Cost, $265,000
SALEM, Oregon.
One and two-story post office building (136x113 feet), granite facing, sandstone floors, marble wainscoting, metal windows, etc.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Plans and specifications may be obtained from Procurement Division, Public Buildings Branch, Washing-

ton, D. C. No deposit required for one set.

Date was previously set for October 22.

Site Selected
POST OFFICE Cost, $.....
RICHMOND, Contra Costa Co., Calif.
Nevin Ave. and Eleventh St.
U. S. Post Office.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

$110,000 appropriation was made to finance purchase of site and construction of post office.

BUILDING MATERIAL APPROVED

WATSONVILLE, Santa Cruz Co., Calif.—Treasury Department approved following building material and equipment awards for the construction of U. S. Post Office at Watsonville. Carl N. Swenson Co., San Jose, general contractor. Gas water heater, Am. Gas Products Co.; water pipe, Revere Brass & Copper Co.; panel boards and main switch, Square D Elec. Mfg. Co.; r. c. wire, Triangle Conduit & Cable Co.; flush switches, Arrow-Hart & Hegeman Elec. Co.; glassware, Perfection Glass Co.; glassware, Perfection Glass Co.; pendant switches, Leviton Mfg

BIDS WANTED

FAIRBANKS, Alaska.—Until December 15, bids will be received by District Engineer, 8th District, 232 Federal Office Bldg., San Francisco, Calif., for changes in first floor and post office screen in the post office, Fairbanks, Alaska.

Plans and specifications may be obtained from the above office and fro mthe Custodian of the Building, Fairbanks.

BIDS WANTED

GRANTS PASS, Ore.—Until Nov. 5, bids will be received by Procurement Division, Public Bldgs. Branch Washington, D. C., for concrete curbs at the U. S. post office, Grants Pass.

Contract Awarded
INSPECTION STATION
Contract Price, $16,369
DANVILLE, Washington.
United States Inspection Station.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Contractor—M. L. Ericksen, 5008 Admiral Way, Seattle.

8— CLUB BUILDINGS

CONTRACT AWARDED

SANTA BARBARA, Calif. — Eric Smith, 10 E Sola St., Santa Barbara, awarded contract by Santa Barbara city council at $14,287, for construction of a grandstand and clubhouse at the municipal tennis courts.

9— HOSPITALS

Plans Being Completed
ALTERATIONS Cost, $.....
HOLLISTER, San Benito Co., Calif.
Alterations and addition to hospital building (Hazel Hawkins Memorial Hospital).
Owner—County of San Benito.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.

Bids probably will be asked within two weeks.

Preparing Sketches
HOSPITAL Cost, $70,800
HOLLISTER, San Benito Co., Calif.
New county hospital.
Owner—County of San Benito.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.

Application has been filed with the PWA for a grant to assist in the financing.

Contracts Awarded
HOSPITAL Cont. Pr., $22,656.50
MERCED, Calif.
Two-story Class C addition to hospital (20 beds).
Owner—Mercy Hospital, Merced, Cal.
Architect — Martin A. Sheldon, Monadnock Bldg., San Francisco.
Contractor—Liner & Allen, 130 27th St., Merced.

Plumbing, heating and electric work awarded Sanitary Plumbing Co., 820 H St., Merced, at $9,066.

Linoleum awarded Werner E. Anderson, 177 Post St., San Francisco, at $1,727.

CONTRACT AWARDED

SACRAMENTO CO., Calif.—Patterson Bros., 573 Santa Rosa Ave., Berkeley, at $1,980, submitted low bid and awarded contract by the Sacramento County Board of Supervisors for painting woodwork at the Sacramento County Hospital.

Complete bids follow:

Patterson Bros., Berkeley	$1,980
Chester E. King, Sacramento	2,506
Walter Ehrman, Sacramento	2,680
Wilcoxon & Wilson, Sacramento	2,885
W. H. Raymond, Sacramento	3,186
A. Lund, Sacramento	3,324
Michael Birga, Sacramento	3,371
D. C. Bowles, No. Sacramento	3,995
Radio Co., Sacramento	4,198

12— POWER PLANTS

BIDS OPENED

SEWARD, Alaska.—R. J. Sommers, Juneau, at $278,000, submitted only bid received by the Seward Town Council for construction of a hydro-electric plant, including penstocks, generators and wheels, transmission line, distribution system, and all other appurtenances.

Hubbell & Waller, Alaska Bldg., Seattle, engineers. Cost was estimated at $140,000.

The bid has been forwarded to PWA offices in Washington for consideration.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BOND ELECTION

GILROY, Santa Clara Co., Calif.—City of Gilroy will vote on Nov. 2nd, (date postponed from Oct. 2nd) on a proposal to issue bonds in the amount of $31,000, proceeds to assist in financing construction of a community auditorium in Gilroy.

Applications will be filed with the PWA for a grant.

Preliminary plans prepared by Architects Binder and Curtis, 35 West San Carlos St., San Jose.

BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until October 26, 10 A. M., bids will be received by Geo. S. Jones, Clerk of the Board of Supervisors, for improvements to the north wing roof of the Marin County Court House.

Plans and specifications may be obtained at the office of the County Clerk, San Rafael.

BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until October 26, 10 A. M., bids will be received by Geo. S. Jones, Clerk of the Board of Supervisors, for the installation of Venetian Blinds in the County Court House, San Rafael.

Plans and specifications may be obtained at the office of the County Clerk, San Rafael.

Preliminary Plans Completed
JAIL Cost, $60,000
UKIAH, Mendocino Co., Calif.
Two-story reinforced concrete county jail (steam heat, composition roof, two cell blocks to accommodate 20 prisoners each; sheriff's offices, kitchen, physcopathic ward, womens' and juvenile sectons.)
Owner—County of Mendocino.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

County of Mendocino will vote Nov. 3 on a proposal to issue bonds in the amount of $60,000, proceeds to finance construction of the jail.

CONTRACTS AWARDED

SAN DIEGO, Calif.—B. O. Larsen, 1340 E St., San Diego, at $626,000, awarded contract by City and County of San Diego for completing city-county office building at the new San Diego civic center. Work will be started as soon as approval is received from the WPA, which is expected within a few days. The award was made on Larsen's basic bid of $449,900 for the structural part of the building and exterior finish with the following additions: Rough plumbing and drains, $24,000; wrought-iron pipe, $569; cast-iron pipe, $1000; rough heating and ventilating, $23,000; rough electrical work, $16,000; two elevators, $43,000; partitions, $30,800; marble work, $14,000; incinerator, $800; basement floor, $13,000; steps, $15,500; vault ventilators, $500. From the total of these figures $300 is to be deducted as the contractor's allowance for rental of WPA equipment now on the job and $2000 for the steel window alternate. Louis J. Gill, Wm. Templeton Johnson, Richard S. Requa and Sam W. Hamill, architects;

Plans Being Figured—Bids Close November 2, 5 P. M.
FIREHOUSE Cost, $3,000
MILLBRAE, San Mateo Co., Calif.
One-story frame and stucco firehouse (lounge room, kitchen, shower room).
Owner—Millbrae Fire Protection District.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.

LOW BIDDER

LOWER LAKE, Lake Co., Calif.—Claude E. Beach, Lakeport, at $1,395, submitted low bid to W. M. Patterson, County Clerk, Courthouse, Lakeport, for materials to be used in the construction of the Justice Court Building for Lower Lake.

BIDS OPENED

SAN FRANCISCO.—P. Grassi Co., 445 Bayshore Blvd., at $255, submitted only bid to Department of Public Works, Room 251, City Hall, under Bid No. 4918, for altering Coroner's office, Merchant St. at Dunbar, by removing present terrazzo floor in laboratory, re-installing new one in its place and re-grinding floor in the small office adjoining laboratory.

Bid held under advisement.

14— RESIDENCES

Contract Awarded
RESIDENCE Cont. Pr., $9,450
HAYWARD, Alameda Co., Calif.
Prospect Street.
Two-story frame and stucco residence (8 rooms and 2 baths), plaster walls and ceilings, Standard plumbing, tile baths, gas furnace, gravel and shingle roof.
Owner—Withheld.
Architect — Geo. Patton Simonds, 80 Main St., Hayward.
Contractor—Arthur Holyoaks, 2839 E Ave., Hayward.

Complete bids published Oct. 6.

Owner Taking Bids
ADDITION Cost, $.....
SAN FRANCISCO, Calif. 139 Monticello St.
Alterations to residence (add room, repainting, tile work, hardwood floors, stucco work, re-decorating).
Owner—Mr. Elkington, care Elkington-Hellwig Mfg. Co., 19 South Park, San Francisco.
Architect—Not Given.
Plans and specifications may be obtained at the office of the Elkington-Hellwig Mfg. Co., 19 South Park, San Francisco.

To Be Done By Day's Work
RESIDENCES Cost, $5000 each
SAN FRANCISCO, Calif. W. 16th Avenue.
Three one-story and basement frame and stucco residences.
Owner & Builder—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given.

Plans Being Completed—Owner To Take Bids
RESIDENCE Cost, $5,500
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One-story frame and stucco residence (6 rooms, 2 baths) California ranch style, steel and wood sash.
Owner—C. C. McLean.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

SUB BIDS WANTED
SAN FRANCISCO.—Fred K. DuPuy, 110 Sutter St., desires sub bids on all portions of the work for the construction of the Hugo Bedau residence, St. Francis Wood, for which bids will be opened Oct. 30, 12 Noon.
Plans prepared by Architect Fred Reimers.

Completing Working Drawings
RESIDENCE Cost, $5,500
SAN CARLOS, San Mateo Co., White Oaks Tract.
One-story frame and stucco residence (6 rooms and bath); elevated bedroom; steel sash, hardwood floors; hot air heating system.
Owner — Consolidated Development Co., 544 Market St.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cont. Pr., $6,950
SAN MATEO, Calif. Bromfield Ave. and Fulton St.
One-story frame and rustic residence (5 rooms and 2 tile baths), Standard plumbing, gas furnace.
Owner—Withheld.
Architect — Geo. Patton Simonds, 80 Main St., Hayward.
Contractor—Skovmand & Lewis, 729 E. 18th St., Oakland.

Contract Awarded
RESIDENCE Cost, $15,000
SALINAS, Monterey Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths), tile roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Mr. Mattos.
Architect—C. J. Ryland, Carmel and Monterey.
Contractor—Albert Staton, 132 Oak St., Salinas.

Plans Being Figured — Bids Close October 24, 12 M.
RESIDENCE Cost, $.....
SAN FRANCISCO. Washington St.
Three-story wood frame residence (9 rooms, 4 baths), asbestos shingle roof, tile baths, hardwood floors, Redwood siding, fireplace, gas furnace, etc.
Owner—Phillip Landis.
Architect—Farr & Ward, 68 Post St., San Francisco.
Bids are being taken from a selected list of contractors.
A. F. Mattock Co., 212 Clara St., is figuring the plans and desires sub bids on all portions of the work.

Plans Being Completed
RESIDENCE Cost, $5,000
SAN FRANCISCO. Chenery Street near McGill.
One-story frame and stucco residence.
Owner—Joseph Cresci, 801 Filbert St.
Architect—D. E. Jaekle, 126 Post St.

To Be Done By Day's Work
RESIDENCE Cost, $6,400
OAKLAND, Alameda Co., Cal. 6052 La Salle Avenue.
Two-story 7-room frame and stucco residence.
Owner and Builder—C. W. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. N Sutro Heights W 47th Avenue.
Two one-story and basement frame and stucco residences.
Owner and Builder—Arco Bldg. Co., 4708 Mission Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $16,000
SAN JOSE, Santa Clara Co., Calif. 1590 University Ave.
Two-story frame and stucco residence (11 rooms).
Owner—Paul Davies, 1181 Fremont St.
Contractor — George Kocher, Notre Dame Ave. and Carlisle.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 1545 Calaveras Ave.
Seven-room frame and stucco residence.
Owner & Builder—Ira Brotzman, 5 Garfield Ave.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 1670 Shasta Avenue.
One-story frame and stucco residence (six rooms).
Owner—Ed Kocher, 169 S First St.
Architect—Not Given.
Contractor—George Kocher, Notre Dame and Carlisle Sts., San Jose.

Plans Being Figured—Bids Close November 2, 5 P. M.
COTTAGE Cost, $4,300
MENLO PARK, San Mateo Co., Cal.
One-story frame and stucco residence (five rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—A. Gay.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

To Be Done By Day's Work
RESIDENCES Cost, $3,900 each
SAN FRANCISCO, Calif. W. Colby St., N Silver.
Six one-story and basement frame and stucco residences.
Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,250 each
SAN FRANCISCO, Calif. E. Colby St., N Silver.
Six one-story and basement frame and stucco residences.
Owner & Builder—Heyman Brothers, 742 Market St.
Architect—Not Given.

Sub Contracts Awarded
RESIDENCE Cost, $8,269
BERKELEY, Alameda Co., Calif. 898 Contra Costa Avenue.
One-story frame and stucco residence (six rooms).
Owner—C. F. Lehmkuhl, 859 The Alameda, Oakland.
Architect—Not Given.
Contractor — C. M. Norgrove, 2220 Roosevelt, Berkeley.
Electric Wiring—Fred Schmidts, 430 Moss Ave., Oakland.
Heating & Sheet Metal—J. C. Owens, 1616 Carlton St., Berkeley.
Tile Work—Brockhurst Tile Co., 2819 Shattuck Ave., Berkeley.
Hardwood Floors—R. I. Davis, 1801 Ward St., Berkeley.
Brick & Stone Work—W. H. Wisheropp, 3749 Quigley, Oakland.
Grading—J. Henry Harris, 2425 Balley St., Berkeley.
Foundations—Schnoor Bros., 6016 Claremont, Oakland.
Lumber—E. K. Wood Lumber Co., Frederick & King Sts., Oakland.
Mill Work—Clinton Mill & Lumber Co., 345 E. 7th St., Oakland.
Painting—E. E. Jarvis, 1230 Allston St., Berkeley.
Lathing & Plastering—H. Hoffman, 2434 64th Ave., Oakland.

Contract Awarded
APARTMENTS Cont. Pr., $13,758
BURLINGAME, San Mateo Co., Calif Lot 6, Blk. 9, Almer Road.
Apartment building.
Owner—Paul Gros, 1130 Capuchino Avenue.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.
Contractor—Oscar Cavanagh, 432 Occidental Ave., San Mateo.

Owner Taking Bids
RESIDENCE Cost, $4,200
SAN FRANCISCO, Calif. W. 25th Ave., 200 ft S Kirkham St.
One-story frame and stucco residence (6 rooms and bath); tile trim; tile steps; oak floor; tile bath and kitchen; colored plumbing fixtures; warm air gas furnace; social hall; garage.
Owner & Builder—Gust L. Peterson, 447 28th St.
Plans by L. O. Berg, 369 Mills Bldg.

Contract Awarded
RESIDENCES Cost, $7,350
PALO ALTO, NW Hamilton Avenue, near Middlefield Road.
Two frame residences and garages.
Owner—John Stanley, et al.
Architect—Not Given.
Contractor—Harry Engman, 244 Rinconada Ave.

Contract Awarded
RESIDENCE Cont. Pr., $11,942
HILLSBOROUGH, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (7 rms., 3 baths), cement plaster exterior, gas heating system, etc.
Owner—Mrs. Leigh Sypher.
Architect—Gardner Dalley, 310 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $8,500
PALO ALTO, 1850 Fulton St.
Two-story frame and stucco residence and garage.
Owner—H. L. Weber, 1030 Hamilton Ave., Palo Alto.
Architect—Not Given.
Contractor—A. A. Smith, 130 Byron Street.

Completing Working Drawings.
RESIDENCE Cost, $3,500
SANTA ROSA, Sonoma Co., Calif. Slater Street.
One-story frame and stucco residence (5 rooms and 1 bath) flat composition roof, hardwood

floors, wood sash, Modernistic style, garage.
Owner—C. Jackson, Santa Rosa.
Architect — Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
To ask bids shortly.

Contract Awarded
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Calif. 1156 Forest Ave.
One-story frame and stucco residence; garage.
Owner—J. R. Shand, Burlingame.
Architect—Not Given.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
BURLINGAME, San Mateo Co., Cal. Lot 5, Blk. 20, Avila.
One-story frame and stucco residence.
Owner & Builder—Leadley & Leadley, 207 2nd St., San Mateo.
Architect—Not Given.

Contract Awarded
APARTMENTS Cost, $14,500
BURLINGAME, San Mateo Co., Cal. Lot 6, Blk. 9, Almer Rd.
Apartment building.
Owner—Paul Gros, 1130 Capuchino Avenue.
Architect—Not Given.
Contractor—Oscar Cavanagh, 432 Occidental Ave.

To Be Done By Day's Work
RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Calif. Lots 3 and 4, Hillside Circle.
One-story frame and stucco residence.
Owner & Builder—Gordon Hess, 1446 Burlingame Ave.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
BURLINGAME, San Mateo Co., Cal. Lot 17, Blk. 5, Oak Grove Manor.
One-story frame and stucco residence.
Owner & Builder—C. A. Bessett, 826 Walnut Ave.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $14,500
PIEDMONT, Alameda Co., Calif. 120 Somerset Road.
Two-story frame and stucco residence and garage.
Owner—Dr. S. Parkinson, 1720 Trestle Glen Road.
Architect—Not Given.
Contractor—C. M. Teigland, 4607 Harbord Drive.

Plans Being Figured—Bids Close Oct. 30, 12 Noon.
RESIDENCE Cost, $12,000
SAN FRANCISCO. St. Francis Wood.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) shingle tile roof, gas heating system, steel sash, tiled baths hardwood floors, etc.
Owner—Hugo Bedau.
Architect—Fred Reimers, 233 Post St.
Following will submit bids:
Fred Dupuy, 110 Sutter Street.
M. A. Little Co., 107 24th Avenue.
J. S. Malloch, 666 Mission St.
G. W. Williams, 315 Primrose Rd., Burlingame.
G. P. W. Jensen, 320 Market Street.
All of San Fraancisco unless otherwise noted.

Contract Awarded
RESIDENCE Cost, $——
PALO ALTO, Santa Clara Co., Calif.
One - story frame and stucco residence (hardwood floors, tile bath)
Owner—Paul Eliel.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 ea.
OAKLAND, Alameda Co., Calif. 1614-1620-1626 Hampel Street.
Three one-story and basement frame and stucco residences (6 rooms each).
Owner & Builder—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $19,606
OAKLAND, Alameda Co., Calif. Claremont Pines.
Two-story and basement frame and stucco residence.
Owner—A. Dalziel, 2811 Woolsey St., Berkeley.
Architect—Clarence W. Mayhew, 6026 Acacia Ave., Oakland.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $12,000
SAN FRANCISCO. SE 25th & Ocean Avenues.
Two - story and basement frame and stucco residence.
Owner—Armand Riaggi, % contractor.
Architect—E. H. Denke, 1317 Hyde St.
Contractor — R. F. Galli, 377 West Portal Avenue.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. San Juan and Alemany Boulevard.
Two one-story frame and stucco residences.
Owner—A. De Benedetti & Son, 100 Brazil Street.
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCE Cost, $7,500
BERKELEY, Alameda Co., Calif. 480 Grizzly Peak Blvd.
Two - story frame and stucco residence (7 rooms and garage).
Owner and Builder—H. P. Atkinson. 127 Alvarado Road, Berkeley.
Plans by—J. Anderson, 3147 Claremont Ave., Berkeley.
Roofing—Yosemite Roofing Co., 3700 Greenacre Rd., Oakland.
Plumbing—A. I. Baker 1510 Cedar St Berkeley.
Sheet Metal—Atlas Heating Co., 1451 32nd St., Oakland.
Hardwood Floors — Carlstrom Bros., 2469 Maxwell Ave., Oakland.
Brick and Stone Work—R. Riehl, Alameda.
Lumber—E. K. Wood Lbr. Co., Frederick and King Sts., Oakland.
Painting—R. E. O'Brien, 2151 Buena Vista Ave., Alameda.
Lathing and Plastering—Ivan Danielson, Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
OAKLAND, Calif.
One-story 6-room residence and garage.
Owner & Builder—R. F. Walker, 5831 Ross St., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $3,500 each
OAKLAND, Calif.
Two one-story frame and stucco residences.
Owner & Builder—R. H. Nelson, 415 Bellevue Ave., Oakland.
Architect—Not Given

Contract Awarded
RESIDENCE Cost, $9,500
OAKLAND, Alameda Co., Calif. 34 Sonia Street.
Two-story frame and stucco residence.
Owner—Karl Permann, 6101 Rockridge Blvd.
Architect—F. H. Slocombe, 131 Monte Cresta Ave.
Contractor—Chas. E. Bardwell, Jr., 5910 Acacia Ave.

BIDS WANTED
SAN JOAQUIN CO., Calif.—Until November 2, 11 a.m., bids will be received by San Joaquin County Board of Supervisors for the construction of a Ferry Tender's house at the Rindge Ferry, on Bishop Tract side on King's Island Road, about ten mi. northwest of Stockton.
Plans and specifications may be obtained from above office.

Plans Being Figured
RESIDENCE Cost, $16,000
SAN JOSE, Santa Clara Co., Calif. Capman and Emory Sts.
One-story frame and stucco residence (9 rooms, 3 baths), tile roof, detached garage, gas furnace, hardwood floors, tile baths, etc.
Owner—Alfred Lanini.
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.
Following will submit bids:
John Newell, San Jose.
E. Nomnensen, 315 S. 17th St., San Jose.
N. J. Nielson, 1270 Iris St., San Jose.
George Honore, 136 Race St., San Jose.
Guy M. Latta, 157 Rhodes Ct., San Jose.
Bert Ward, 1139 Lincoln Ave., San Jose.

Contract Awarded
RESIDENCE Cost, $8,650
PALO ALTO, Santa Clara Co., Calif. Bryant and Washington Sts.
Two-story frame and stucco residence.
Owner—Herbert S. Henderson, Palo Alto.
Architect—Lawrence A. Kruse, 251 Kearny St., San Francisco.
Contractor—Erick A. Anderson and Bert A. Anders, care Architect.

Contract Awarded
RESIDENCES Cost, $4,220 each
SAN JOSE, Santa Clara Co., Calif. N. Taylor St., bet. 14th and 15th.
Two one-story frame and stucco residences.
Owner—Santo Piazza and P. Pasquinelli, San Jose.
Architect—Not Given.
Contractor—Salvatore Guardino, 690 Mission St., San Jose.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO, Calif. N. Escolta Way, E 33rd Ave.
Five 1-story and basement frame and stucco residences.
Owner & Builder—Harrison & Traxler, 9 Sutter St.
Architect—Not Given.

Contract Awarded
ADDITION Cost, $6,000
OAKLAND, Alameda Co., Calif. 650 Kenwyn Road.
Addition to residence.
Owner—Dr. Wm. Mills, 650 Kenwyn Road, Oakland.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—David Nordstrom, Bank of America Bldg., Oakland.

Plans Being Figured — Bids Close October 26, 2 P. M.
RESIDENCE Cost, $10,000
ATHERTON, San Mateo Co., Calif.
Two-story wood frame residence, Colonial style, shingle roof, forced warm air heating system, wood

sash, hardwood floors, tile wainscot in baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Following are figuring plans:
Lengfeld & Olund, 220 3rd Ave., San Mateo.
G. W. Williams, 315 Primrose Road, Burlingame.
G. H. Meese, 1401 Florabunda Ave., Burlingame.
C. Pedersen, 734 Prospect Row, San Mateo.

Plans Being Figured — Bids Close Oct. 26, 2 P. M.
RESIDENCE Cost, $18,000
HILLSBOROUGH KNOLLS, San Mateo Co., Calif.
Two-story frame and stucco residence (9 rooms and 3 baths), asbestos shingle roof; forced air gas fired hot air system; wood paneling and canvas interior finish; double detached garage.
Owner—H. W. S. Hayes.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Following are figuring plans:
S. A. Wisnom, 140 S. Ellsworth Ave., San Mateo.
Carl Bassett, 826 Walnut Ave., Burlingame.
Oscar L. Cavanagh, 432 Occidental Ave., San Mateo.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO, Calif. E. 29th Ave., N Santiago.
Five one-story and basement frame and stucco residences.
Owner & Builder—Standard Building Co., 1500 Judah St
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 each
SAN FRANCISCO, Calif. W. Goleta St., N Sloat Blvd.
Four one-story and basement frame and stucco residences.
Owner & Builder—A. J. Herzig, 700 Sloat Blvd.
Plans by Albert H. Larsen, 333 Kearny St.

To Be Done By Day's Work
RESIDENCES Cost, $3,000 each
SAN FRANCISCO. NE Scotia, SE Silver.
Six one-story and basement, frame and stucco residences.
Owner—Marshall T. Struthers, 4250 Mission St.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $3,800 each
SAN FRANCISCO, Calif. SE Juanita Way, NE Fowler.
Four one-story and basement frame and stucco residences.
Owner—Meyer Brothers, 735 Portola Drive.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. NE Fitzgerald, S Phelps.
Two one-story and basement frame and stucco residences.
Owner & Builder—Joe Blum, 212 Silliman Street.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost $3,000 each
SAN FRANCISCO. W Moneta Way N Farragut Street.
Five one-story and basement, frame and stucco residences.
Owner and Builder—Rudolph Mohr & Sons, 4482 Mission St.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,800
BERKELEY, Calif. 105 El Camino Real.
Two-story 7-room frame and stucco residence and garage.
Owner—O. L. Regina, 2104 Addison St., Berkeley.
Contractor—R. F. Parks, 2104 Addison St., Berkeley.

15— SCHOOLS

Bids Wanted—To Close Nov. 4, 7:30 P. M.
SCHOOL Cost, $360,000
PALO ALTO, Santa Clara Co., Calif.
Two-story reinforced concrete David Starr Jordan Junior High School to accommodate 1,000; administration office, 27 classrooms, boys' and girls' gymnasium, auditorium to seat 1000; cafeteria to accommodate 600, and library.
Owner—Palo Alto School District.
Architect—Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Bids are being taken as follows:
(1) General contract including plumbing, heating and electrical work;
(2) Blackboards;
(3) Lockers;
(4) Linoleum;
(5) Asphaltic floors.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Complete Bids
AUDITORIUM Cost, $18,000
SAN PABLO, Contra Costa Co., Cal.
One-story frame and stucco school auditorium (to seat 350).
Owner—San Pablo School District.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Low Bidder—E. J. Freethy, 224 16th St., Richmond.
PWA approved grant to assist in financing.
Complete bids follow:
(1) Complete shell of building.
(a) Rough in steam work.
(b) Install electric work.

E. J. Freethy, Richmond	(1)	$15,468
	(a)	438
	(b)	1,173
J. E. Branagh, Piedmont	(1)	$16,000
	(a)	180
	(b)	1,090
Villadsen Bros., Oakland	(1)	$18,270
	(a)	300
	(b)	1,200
N. H. Sjoberg & Son, Oakland	(1)	$18,329
	(a)	292
	(b)	1,171
W. C. Tait, Oakland	(1)	$18,980
	(a)	420
	(b)	1,178
Geo. Swanstrom, Oakland	(1)	$20,371
	(a)	420
	(b)	1,118

Recommendation was made that contract be awarded to low bidder.

Sub Contracts Awarded
SCHOOL Total Cost, $50,000
BERKELEY, Alameda Co., Calif.
Plumbing and heating for concrete and steel school building (St. Mary Magdalene School).
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect — Arnold Constable, 580 Market St., San Francisco.
Contractor—C. T. Merchant, 370 Funston Ave., San Francisco.
Stone—J. Chiantaretto, 328 Lincoln St., Alameda.
Electric—Spott Electrical Co., 569 19th Ave., Oakland.
Mill—Lannom Bros., 5th and Magnolia Sts., Oakland.
As previously reported:
Heating — O'Mara & Stewart, 218 Clara St., San Francisco.
Plumbing—Acme Plumbing Co., 1231 Henry St., Berkeley.
Structural Steel—Moore Drydock Co., foot of Adeline St., Oakland.
Reinforced Steel—Gunn Carle & Co., 20 Potrero Ave., San Francisco.
Lumber—Hogan Lumber Co., 2nd & Alice Sts., Oakland.

Bids Wanted—To Close Nov. 6, 7:30 P. M.
ADDITION Cost, $78,000
LEMOORE, Kings Co., Calif.
One-story frame addition to elementary school (tile roof, add ten classrooms, etc.
Owner—Lemoore Elementary School District.
Architect — Ernest J. Kump, Rowell Bldg., Fresno.

CONTRACT AWARDED
LOS ANGELES, Cal.—Myers Bros. 3407 San Fernando Road, Los Angeles, awarded contract by Los Angeles board of education at $393,281 (accepting bid No. 3 and alternate bid No. 3) for reinforced concrete administration, cafeteria, shop and physical education buildings, retaining walls, steps and ground improvements at Verdugo Road district jr. high school, 3010 Estara Ave., Eagle Rock District. Edwin L. Bergstrom, architect; L. J. Waller, structural engineer; E. L. Ellingwood, mechanical engineer, Roy C. Mitchell, consulting engineer.

LOW BIDDER
LOS ANGELES, Cal.—R. J. Daum, 3964 Budlong Ave., Los Angeles, submitted low bid to the Covina Union High School District at $128,500, for a two-story and basement reinforced concrete liberal arts building to be erected at Covina Union high school, SW corner of Citrus and Dexter Sts., Covina, a PWA project. John C. Austin and Frederic M. Ashley, architects.

Award Recommended
GARAGE, ETC. Cost, $2,500
NAPA, Calif. Wild Horse Road and Second Ave.
Garage building, pump house, pumping plant and equipment at Mt. George Elementary School.
Owner—Mr. George Elementary Sch. District (J. E. Godley, Clerk), Napa.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Low Bidder—John E. Branagh, 116 Monticello Ave., Piedmont.
Bids were taken as follows:
(1) Work complete, garage building, pump house, pumping plant, and equipment;
(Alt. a) Deduct for omitting stage equipment;
Alt. b) Deduct for omitting all furniture;
(Alt. c) Deduct for omitting auditorium chairs.
Complete bids follow:

John E. Branagh, Piedmont		$3,926.00
	(Alt. a)	285.00
	(Alt. b)	2,026.00
	(Alt. c)	440.00
Earl Long, Napa		$3,837.31
	(Alt. a)	.....
	(Alt. b)	1,941.81
	(Alt c)	.....

The Board of Trustees has recommended to the PWA that the contract be awarded John E. Branagh, at $1,900 (Items 1 and Alt. b), for the garage and pumping equipment
Work involves one-story frame and stucco garage building, composition roof, concrete footings; one-story frame and stucco pumphouse, concrete footings; W.A. 8-in. stroke Aero motor auto oil inkwell pump with 3 V belt drive to one horsepower.

CONTRACT AWARDED
VISALIA, Tulare Co., Calif.—Harris Construction Co., 577 McKinley

Ave., Fresno, at $1,844, awarded contract by Visalia Union High School District, for furnishing and installing shelving and cabinet work together with necessary hardware and plumbing in the addition to the science building at the Visalia High School.

R. Hodgson & Sons, Porterville, submitted only other bid of $1,990.

Plans Completed

SCHOOL Cost, $50,000

SACRAMENTO, Sacramento Co., Cal. San Miguel Way and D Street.

One-story wood frame elementary school (shingle roof), 6 classrooms, library, kindergarten, and administrative offices (Theodore Judah School).

Owner—Sacramento City School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

The city has filed application with the PWA for a grant of $22,500.

October 21, 1936

BIDS WANTED

MADERA, Madera Co., Cal.—Until November 10, 8 P. M., bids will be received by W. D. Murdock, Clerk Board of Trustees of the City of Madera School District, for installation of lighting system and four toilets at the Lincoln Grammar School.

Plans and specifications may be obtained from the office of the district superintendent of schools in the Lincoln school bldg., Madera.

Sub Contracts Awarded

ALTERATIONS Cont. Pr., $20,222

BARKELEY, Alameda Co., Calif. S. Allston Way, bet. Grove and Milvia Streets.

Alterations and additions to Berkeley High School Auditorium.

Owner — Berkeley Unified School District (Clara F. Andrews, Secretary).

Structural Engineer — Thomas F. Chace, Berkeley Board of Education.

Contractor — B. A. Howkins, 1182 Market St., San Francisco.

Reinf. Steel — Concrete Engineering Co., 1280 Indiana St., San Francisco.

Steel Stair Work—Pacific Iron Wks., 1155 67th St., Oakland.

Structural Iron — Independent Iron Works, 821 Pine St., Oakland.

Finished Hardware — Higgins Co., Oakland.

Sheet Metal — Wieland & Kolthoff, 2194 Folsom St., San Francisco.

Plaster—Sam Muriale, 354 Hobart St., Oakland.

Painting—Patterson Bros., 2059 Webster St., Oakland.

Plans Being Prepared

RECON. SCHOOL Cost, $85,000

CROCKETT, Contra Costa Co., Cal.

Reconstruction of John Swett Grammar School.

Owner—Crockett School District.

Architect—H. H. Gutterson, 526 Powell St., San Francisco.

Engineer—Dewell & Earl, 55 New Montgomery St., San Francisco.

LOW BIDDER

LOS ANGELES, Cal.—Pozzo Construction Co., 2403 Riverside Drive, submitted low bid to the Los Angeles board of education at $419,722 (Bid No. 1) for reinforced concrete administration classroom, cafeteria, physical education and shop buildings to be erected at Western District junior high school, 5931 West 18th St. Sumner P. Hunt, architect, Wm. Mellema, structural engineer; E. L. Ellingwood, mechanical engineer.

BIDS REJECTED

KERN COUNTY, Cal.—Rio Bravo School District, Kern County, rejected all bids received for a one-story reinforced concrete addition to be erected at the Rio Bravo school, located four miles south of Shafter. Work will be re-advertised shortly.

Contract Awarded

PHOENIX, Arizona.—McGinty Construction Co., Phoenix, Arizona, at $39,917.75, awarded contract by Department of Interior, Purchasing Office, Washington, D. C., for the construction of a gymnasium at the Phoenix Indian Vocational School Agency, Phoenix, Ariz. The building will be a one-story structure, 117x79 feet in area; concrete foundations, exterior walls of concrete block to be furnished by the government, maple floors, steel trusses, asbestos roofing, steel sash, gas water heater, etc. Mayers, Murray & Phillip, New York City, architects; Jenssen & Whittlesey, Phoenix, associate architects.

Sub Contracts Awarded

SCHOOL Cont. Price, $60,879

ALBANY, Alameda Co., Calif.

Third unit at Albany School (classrooms, study hall, administrative offices, cafeteria), reinforced concrete construction, composition roofing, steel joists, steam heating system, etc.

Albany—Albany High School District.

Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Contractor — C. M. Norgrove, 2220 Roosevelt, Berkeley.

Roofing—Guy Tyler, 1502 Cedar St., Berkeley.

Plumbing—Carl Doell Co., 467 21st St., Oakland.

Electric Wiring—Fred Schmidts, 430 Moss Ave., Oakland.

Heating—Frank J. Edwards, 2301 9th Ave., Oakland.

Sheet Metal—J. C. Owens, 1616 Carlton St., Berkeley.

Tile Work—Superior Tile Co., 3743 Broadway, Oakland.

Glass—Western Door & Sash Co., 5th and Cypress, Oakland.

Brick & Stone Work—W. H. Wisheropp, 3749 Quigley, Oakland.

Grading—J. Henry Harris, 2425 Valley St., Oakland.

Foundations & Concrete—J. H. Fitzmaurice, 2857 Hannah St., Oakland.

Lumber—Hill Lumber & Hardware Co., Brighton & Alamo, Albany.

Mill Work—Clinton Mill & Lumber Co., 345 E. 7th St., Oakland.

Hardware—Associated Hardware Co., 39th & San Pablo Aves., Oakland.

Lathing & Plastering—C. H. Burnett, 865 32nd St., Oakland.

CONTRACT AWARDED

LOS ANGELES, Cal.—Jones Bros., 9430 Santa Monica Blvd., Beverly Hills, awarded contract by Los Angeles board of education, at $65,280 (price based upon acceptance of main bid and alternate bid which provides for demolition of a portion of existing building), for construction of two-story reinf. concrete classroom addition to the Aragon Avenue Sch., 1118 Aragon Ave. Marcus P. Miller, architect; R. Howard Annin, structural engineer; Harold A. Stockley, mechanical engineer, and Harry M. Gailey, electrical engineer.

CONTRACT AWARDED

LOS ANGELES, Calif.—Theo. A. Beyer Corp., 533 Chamber of Commerce Bldg., awarded contract by Los Angeles board of education, at $201,849 (price based upon the acceptance of main bid without alternates), for construction of reinforced brick two-story main building at Vermont Avenue school, 2649 S. Vermont Ave. A. S. Nibecker, Jr., architect.

BIDS WANTED

BAKERSFIELD, Kern Co., Calif. —Until November 2, 5 p.m. (to be opened at 7:30 p.m.), bids will be received by the Board of Trustees of the Kern County Union High School District, C. F. Moore, Clerk, High School Bldg., Bakersfield, for furnishing steel lockers.

Specifications obtainable from the above office.

COMPLETING PLANS

PALM SPRINGS, Riverside Co., Calif.—Architect G. Stanley Wilson, Mission Inn, Riverside, is completing plans for concrete school building to be built in Palm Springs for Palm Springs elementary school board. Cost, $50,000.

PREPARING PLANS

BANNING AND PALM SPRINGS, Riverside Co., Calif.—Architect G. Stanley Wilson, Mission Inn, Riverside, started preparation of plans for high school building to be built in Banning and high school to be built in Palm Springs for Banning Union High School District. Cost, $225,000.

October 19, 1936.

PREPARING PLANS

MESA, Ariz.—Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, are preparing plans for remodeling existing buildings and new buildings to be built at Mesa high school, a PWA project. The program will include a new two-story classroom structure, 65x145 feet in area, of brick construction with plastered exterior; a combination gymnasium and vocational shop building, 80x300 feet in area, with brick walls, plastered exterior, bleacher type seats wood, trusses, etc.; central heating plant with two gas-fired boilers; remodel present auditorium-gymnasium building, converting it into an auditorium to seat 1000 persons and resurfacing the walls and ceiling with acoustical plaster. Bids for the heating plant and remodeling work will be advertised in about three weeks. Cost will total about $217,000.

LOW BIDDER

LOS ANGELES, Calif. — Myers Bros., 3407 San Fernando Rd., Los Angeles, at $476,915, submitted low bid to Los Angeles board of education for reinf. concrete administration, cafeteria, shop and physical education buildings, retaining walls, steps and ground improvements at Verdugo Road district junior high school, 3010 Estara Ave., Eagle Rock District. Edwin L. Bergstrom, architect; Laurence J. Waller, structural Engineer; E. L. Ellingwood, mechanical engineer, and Roy C. Mitchell, consulting engineer.

BOND ELECTION

SACRAMENTO, Calif. — Robla School District, Sacramento County, will vote on November 10, on a proposal to issue bonds in the amount of $7,000, for alterations and additions to school building in the Robla School District.

CONTRACT AWARDED

WASCO, Kern Co., Calif.—R. W. Brown Const. Co., 118 S Kay St., Madera, at $18,287, awarded contract by Wasco Union School District for constructing a three-room reinforced concrete primary building and auxiliary work at Wasco.

Complete bids follow:

R. W. Brown Const. Co., Madera	$18,287
A. B. Hodgson, Tulare	18,920
Harris Const. Co., Fresno	19,400
Midstate Const. Co., Fresno	20,029
John Hendricks, Fresno	22,250
Williams & Greenough, Bakersfield	22,746
W. J. Ochs, Fresno	23,890

BIDS OPENED

SALINAS, Monterey Co., Calif.—Following submitted low bids to R. D. Case, Secretary, Salinas City School District, for furnishing and installing equipment and furniture for the Washington School in Salinas, for which bids were opened October 13, 8 p.m.

(1) Steel corridor lockers — Berger Mfg. Co., 102 New Montgomery St., San Francisco—$1,016.61.
(1-A) Steel gymnasium lockers—Berger Mfg. Co., 102 New Montgomery St., S. F.—$1,530.
(2) Stage curtain and scenery—General Seating Co., 160 Second St., San Francisco—$913.50.
(3) Auditorium Seats—General Seating Co., 160 2nd St., San Francisco—$2,639.00.
(4) Drawing Tables—American Seating Co., 207 Van Ness So., San Francisco—* $783.50.
(4-A) Stools — Genser Furniture Co., 231 Main St., Salinas—$97.85.
(5) Arm Chairs—General Seating Co., 160 2nd St., S. F.—$220.50.
(6) Movable Steel Desks — General Seating Co., 160 2nd St., S. F.—$1,330.00.
(7) Steel Chain Link Fence—Standard Fence Co., 440 Bayshore, S. F.—$1,016.37.
(8) Sidewalks—Granite Construction Co., Bin No. 9, Watsonville—$1,142.00.
(9) Grading—W. A. Dontanville, Box 544, Salinas—$1,897.00.
(10) Steam main valves—No bids received.

* Add sales tax.

Bids Opened

ALTERATIONS Cost, $3,000
SANTA CLARA, Santa Clara Co., Calif. Fremont Street.
Alterations to kitchen and installation of lavoratories.
Owner—Santa Clara Grammar School Fremont St., Santa Clara.
Architect—Binder & Curtis, 35 West San Carlos St., Santa Clara.
Low Bidder — Guy M. Latta, 157 Rhodes Ct., San Jose—$2,334.
Complete bids follow:
Guy M. Latta, San Jose.....$2,334
Bridges Constr. Co., 1398 Lincoln Ave., San Jose..... 2,468
George Honore, 136 Race St., San Jose 2,610
N. J. Nielson, 1270 Iris Court, San Jose 2,950
Bids held under advisement.

Plans Being Figured — Bids Close October 31, 8 P. M.

GYM. and POOL Cost, $138,000
DALY CITY, San Mateo Co., Calif.
One-story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring), reinforced concrete swimming pool (40x75 feet).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Mechanical and Electrical Engineer—Robert L. St. John, 544 Market St., San Francisco.
PWA approved grant of $69,545.
Plans and specifications may be obtained only from the Principal's Office at the school, 6996 Mission St., San Francisco, upon deposit of $25.

CONTRACT AWARDED

LOS ANGELES, Calif.—William J. Shirley, 1724 S. Vermont Ave., at $93,789, awarded contract by Los Angeles board of education, for two-story reinf. concrete physical education building to be erected at Thomas Starr King junior high school, 1400 Myra Avenue. Paul R. Williams, architect; W. E. Wilson, structural engineer, and Holmes & Narver, mechanical engineers.

LOW BIDDER

LOS ANGELES, Cal.—Brunzell & Jacobson, 2150 Princeton Ave., submitted low bid to Los Angeles board of education at $81,955 for six standard 3-unit classroom bungalows, one standard double classroom bungalow craft building and physical education building to be erected at El Sereno District high school, 2911 Eastern Avenue.

Complete Bids

RECONSTRUCTION Cost, $30,000
OAKLAND, Alameda Co., Calif. 14th and Myrtle Streets.
Reconstruct Lowell Junior High Sch.
Owner—Oakland School District.
Architect—W. G. Corlett, Second Avenue and E. Tenth St., Oakland (School Administration Bldg.).
Low Bidder—Villadsen Bros., 2059 Webster St., Oakland—$33,550.
Complete bids follow:
Villadsen Bros., Oakland.....$33,550
Monson Bros., San Francisco.. 35,186
Fred J. Early, Jr., San Francisco 36,475
Geo. J. Maurer, Piedmont..... 36,547
Carl Swenson, San Jose..... 37,700
A. Nelson, San Francisco..... 39,949
B. A. Howkins & Co., San Francisco 41,956
E. T. Lesure, Oakland..... 42,399
Bids were referred to PWA.

LOW BIDDER

LOS ANGELES, Calif.—Jones Bros., 9430 Santa Monica Blvd., Beverly Hills, submitted low bid to Los Angeles board of education, at $57,960, for two-story reinf. concrete classroom addition to be erected at Aragon Avenue school, 1118 Aragon Ave. Marcus P. Miller, architect; R. Howard Annin, structural engineer; Harold A. Stockley, mechanical engineer, and Harry M. Gailey, electrical engineer.

16—BANKS, STORES AND OFFICES

Additional Sub-Contracts Awarded.

WAREHOUSE & OFFICES Cost, $200,000
SAN FRANCISCO. SW Beale and Folsom Streets.
Four-story and basement, mezzanine floor warehouse and office bldg. (137x170 ft.) one freight and one passenger elevator, steam heating system, etc.
Owner—Coffin - Redington Co., 401 Mission Street.
Architect—F. H. Meyer, Kohl Bldg.
Engineer—L. H. Nishkian, 525 Market Street.
Contractor—Cahill Brothers, 206 Sansome Street.
Concrete—Golden Gate Atlas Materials Co., 16th and Harrison.
Lumber—J. H. McCallum, Bryant & Oak Grove Streets.
Reinforcing Steel—Truscon Steel Co. 604 Mission Street.
Placing Reinforcing Steel—J. Philip Murphy, 3901 Mission St.
As previously reported, grading awarded to Sibley Grading & Teaming Co., 165 Landers Street.

Contract Awarded

STORE Cont. Price, $15,640
MILL VALLEY, Marin Co., Calif.
One-story and basement reinforced concrete store building.
Owner—O'Shaughnessy Estate.
Architect — Lawrence Kruse, 251 Kearny St., San Francisco.
Contractor—Leibert & Trobock, Albert Bldg., San Rafael.
(9317) 1st report Apr. 7, 1936.

Contract Awarded

OFFICE BUILDING Cost, $.....
SAN FRANCISCO, Calif. 210 Sansome St.
Four-story reinforced concrete office building, to be constructed when wrecking of present building now on site is completed.
Owner—Louis R. Lurie.
Lessee—Maryland Casualty Co.
Architect—William D. Peugh, 333 Montgomery St.
Contractor—Cahill Bros., 206 Sansome St.

Preparing Working Drawings

STORE Cost, $——
STOCKTON, San Joaquin Co., Cal. Pacific Avenue.
One-story reinforced concrete store building (4,000 sq. ft.)
Owner—N. Flor.
Architect—Peter Sala, 2130 N Commerce St., Stockton.
Bids will be taken from a selected list of contractors in about 1 week.

Plans Being Figured

STORE Cost, $30,000
SANTA CRUZ, Santa Cruz Co., Cal.
New store building (reinforced concrete construction).
Owner—Morris Abrams, Santa Cruz.
Architect — C. J. Ryland, Monterey and Carmel.
Bids will close in about one week.

Planned

ALTERATIONS Cost, $300,000
FRESNO, Fresno Co., Cal. Fulton and Fresno Streets.
Alterations to Cory Bldg. (construct mezzanine-like floors surrounding large well from main floor to ceiling; re-decorate interior, install elevators and heating and cooling system.
Owner — Cory Estate, Ben H. Cory, manager.
Lessee—Roos Bros., Fresno.
Architects—Albert R. Williams, 251 Post St., San Francisco, and Bliss & Fairweather, Balboa Bldg., San Francisco.

Planned

STORE Cost, $.....
VISALIA, Tulare Co., Calif. North Court and Oak Streets.
One-story store building (50x90 ft.).
Owner—Dr. and Mrs. J. E. Combs.
Architect—Not Given.
Lessee—Safeway Stores.

Planned

ALTERATIONS Cost, $.....
MODESTO, Stanislaus Co., Calif. 1015 Tenth Street.
Alterations to store (new front, interior changes, lighting fixtures, etc.).
Owner—Montgomery Ward & Company, 2825 E. 14th St., Oakland.
Plans by Eng. Dept. of Owner.

Contract Awarded

ALTERATIONS Cost, $5,000
SAN FRANCISCO, Calif. 1023 Van Ness Ave.
Alterations to restaurant.
Owner—Steve Kappatos, Prem.
Architect—Not Given.
Contractor—Mullen Mfg. Co., 60 Rausch St.

Contract Awarded

ALTERATIONS Cost, $5,000
SAN FRANCISCO, Calif. 1123 Post Street.
Alterations to store.
Owner—H. Scovel, 735 Eddy St.
Architect—G. Travis, 251 Kearny St.
Contractor—H. Abrahams, 50 Silliman St.

Sub-Bids Being Taken—

STORES AND APARTMENTS Cost, $.....
SAN FRANCISCO, Calif. N. Taraval, E. of 15th Ave.

Two-story frame building (2 stores and two three-room apartments), composition and terra cotta tile roof; floor furnaces; tile bathsh and kitchens.
Owner—Carl F. Wagner, care Architect.
Architect—Otto G. Hintermann, Call Bldg., San Francisco.
Contractor—Joseph A. Anderson, 2321 Cecelia Ave., San Francisco.

Bids In—Held Under Advisement
SHOW ROOM Cost, $35,000
BURLINGAME, San Mateo Co., Cal.
One-story reinforced concrete automobile show room and sales building.
Owner—Chevrolet Motor Company.
Architect — Wm. H. Toepke, Call Bldg. San Francisco.
Announcement will be made shortly.

To Be Done By Day's Work
ALTERATIONS Cost, $2,500
SAN FRANCISCO, Calif. 856 Market Street.
Alterations to store.
Owner—Berger's, Inc., Premises.
Architect—Not Given.

To Be Done By Day's Work
ALTERATIONS Cost, $3,000
OAKLAND, Alameda Co., Calif. 1333 Broadway.
Alterations to store building.
Owner—S. H. Kress & Co., Prem.
Plans by Eng. Dept. of Owner.

Preparing Plans
BANK Cost, $.....
SACRAMENTO, Calif. Tenth Street, between J and K Streets.
One-story building to be occupied by banking offices.
Owner—American Trust Company, 464 California St., San Francisco.
Architect—Owner's Engineering Department.
Construction will be started early next year. Further details will be announced shortly.

Preparing Working Drawings
ALTERATIONS Cost, $25,000
MERCED, Merced Co., Calif.
Alterations and additions to bank building.
Owner—First National Bank, Merced.
Architect—H. H. Winner, Wordsworth Ave., Ross.
Bids will be asked in about two weeks.

Contract Awarded
MARKET Cost, $11,000
SANTA ROSA, Sonoma Co., Calif. Santa Rosa Ave. and Petaluma Highway.
One - story, stucco drive-in market building (Spanish design).
Owner—W. V. Walker, Santa Rosa.
Architect—Not Given.
Contractor—W. R. Lippincott, Route Box 564, Santa Rosa.

PREPARING PLANS
LOS ANGELES, Calif.—Associated Architects William Lescaze, 211 E. 48th St., New York City, and Earl T. Heitschmidt, 807 Subway Terminal Bldg., Los Angeles, preparing plans for group of reinf. concrete buildings to be erected on Sunset Blvd., between Gower and El Centro Sts., for Columbia Broadcasting Co., 5939 Sunset Blvd. Cost, $1,000,000.

Contract Awarded
ALTERATION Cost, $7,530
SAN FRANCISCO, Calif. 300 Market Street.
Alter store.
Owner—Ada Selig, Prem
Architect—Not Given
Contractor—The Fink & Schindler Co., 552 Brannan St.

Additional Contract Awarded
ADDITIONS, ETC. Cost, $.....
SAN RAFAEL, Marin Co., Calif. B and Fourth Streets.
Alterations to present building and addition to new annex, 42x45 ft.; 1-story steel and brick construction, plain and ornamental plaster, tile and terra cotta exterior, marble counters, composition roofing, metal windows, new steam heating plant, air-conditioning system, marble and linatile floors, bronze fixtures, cabinet work, etc.
Owner—Bank of San Rafael (Wm. P. Murray, President).
Architect — H. H. Winner, Wordsworth Ave., Ross.
Bank Fixtures—H. Schulte & Sons, 49 Rogers St., San Francisco.
As previously reported, H. J. Hansen, San Rafael, at $14,450 awarded contract for the excavation, grading, concrete and cement work, reinforcing steel, structural steel, rough and finish carpentry, mill work, glass and glazing, roofing, insulating, painting and sheet metal.
Marble — Vermont Marble Co., 525 Market St., San Francisco.
Bronze—McNeill and Steinberg, 666 Mission St., San Francisco.

17— THEATRES

Heating, Ventilating & Cooling Bids Wanted—To Close October 28, 10 A. M.
THEATRE Cost, $65,000
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120 ft.), air-conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 321 Bush Street, San Francisco.

18— WHARVES & DOCKS

Contract Awarded
PIER Cont. Price, $379,770
SAN FRANCISCO. Pier 9, foot of Vallejo Street.
Reinforced concrete pier to replace present structure, jacketed piles, reinforced conc. deck, creosoted lumber apron to support track.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Contractor—A. W. Kitchen Company, 110 Market St.
Complete bids published Oct. 9th.

19—MISC. CONSTRUCTION

BIDS WANTED
SAN JOAQUIN CO., Calif.—Until November 2, 11 a.m., bids will be received by San Joaquin County Board of Supervisors for constructing ferry landings at Correia Ferry, across White Slough between Terminous Tract and Empire Tract about four miles southeast of Terminous.
Plans and specifications may be obtained from above office.

Bids Wanted—To Close November 10 2 P. M.
SMOKE STOCK Cost, $7,000
SPADRA, Los Angeles County. Pacific Colony.
Concrete smoke stack on boiler plant building.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Plans and specifications obtainable from the above office upon deposit of $25.00.

BIDS WANTED
SAN JOAQUIN CO., Calif.—Until Nov. 2, 11 a.m., bids will be received by Eugene D. Graham, Clerk of the Board of Supervisors of the County of San Joaquin, for furnishing and installing County Police Radio Broadcasting Equipment and servicing same for a period of ninety days after installation. Estimated cost, $10,000.
Plans and specifications may be obtained at the office of the Board of Supervisors.

Plans Being Re-figured—Bids Close October 31, 10 A. M.
ALTERATIONS Cost, $.....
SAN FRANCISCO. Sixth Ave. and Geary St.
Alterations to undertaking establishment.
Owner—Ashley & McMullen, Inc., 399 Sixth Avenue.
Architect—Johnson & Wethered, Sir Francis Drake Hotel.
Following will submit bids:
Peter Sartorio, 666 Mission St.
J. W. Colby & Son, 260 Tehama St.
F. J. Reilly, 6350 Fulton St.

Contract Awarded
DISTILLING UNIT Cost, $500,000
MARTINEZ, Contra Costa Co., Cal.
Modern lubricating oil distilling unit
Owner—Shell Oil Co., Shell Building, San Francisco .
Plans by Engineering Dept. of Owner
Contractor—E. B. Badger & Sons, Box 37, Associated.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED
LOS ANGELES.—Bids for furnishing steel covers for syphon transitions, Colorado River Aqueduct, Spec. No. 174, were opened by the Metropolitan Water District, Los Angeles.
The bids were taken as follows:
(1) 12 cover sets, Drawing A-1382;
(2) 21 cover sets, Drawing A-1384.
The bids were:
Welded Fabrication Co., 6009 Wilmington Ave., Los Angeles — (1) $285.50 each, total $3426; (2) $299 each, total $6279; no use tax; total $9705; ½ of 1% 10 days; delivery point, 6009 Wilmington Ave., Los Angeles.
Emsco Derrick & Equipment Co., Los Angeles—(1) $344 each, total $4128; (2) $369 each, total $7749; no use tax; total, $11,877; no discount; f.o.b. 6811 S. Alameda St., Los Angeles.
American Pipe & Steel Corp., Ltd., 230 Date Ave., Alhambra—(1) $401.57 each, total $4818.84; (2) $405.92 ea., total $8524; no use tax; total, $13,343.16; no discount; delivery point, Alhambra.
Consolidated Steel Corp., Ltd., Los Angeles—(1) $266 each, total $3192; (2) $276 each, total $5796; no use tax; total $8988; no discount; delivery point, 6501 E. Slauson Ave., Los Angeles.
National Tank & Mfg. Co., Inc., 8201 Santa Fe Ave., Los Angeles—(1) $366 each, total $4392; (2) $383 each, total $8043; no use tax; total, $12,435; no discount; f.o.b. 8201 Santa Fe Ave., Los Angeles.
Soule Steel Co., 63rd and Wilmington Sts., Los Angeles—(1) $400 each, total $4800; (2) $408 each, total $8,568; no use tax; total, $13,368; discount, ½ of 1% 10 days; f.o.b. 6300 Wilmington Ave., Los Angeles.
Pacific Iron & Steel Co., Ltd., 241 W. Ave. 26, Los Angeles—(1) $297 each, total $3564; (2) $318 each, total $6678; no use tax; total, $10,242; no discount; f.o.b. 116th and Alameda Sts., Los Angeles.
Bethlehem Steel Co., 11,100 S. Central Ave., Los Angeles—(1) $286 ea., total $3432; (2) $308 each, total $6,468; no use tax; total, $9900; no discount; delivery point, 11,100 So. Central Ave., Los Angeles.
Southwest Welding & Mfg. Co., Inc., 3201 W. Mission Rd., Alhambra—(1) $330 each, total $3960; (2) $345

each, total $7245; no use tax; total, $11,205; discount, ½ of 1% 20 days; delivery point, f.o.b. Alhambra.

Buehler Tank & Welding Works, 5000 Pacific Blvd., Los Angeles—(1) $283 each, total $3396; (2) $299 each, total $6279; no use tax; total, $9675; no discount; delivery, 5000 Pacific Blvd., Los Angeles.

Lacy Mfg. Co., 601 Washington Bldg., Los Angeles—(1) $298 each, total $3576; (2) $320 each, total $6,720; no use tax; total, $10,296; no discount; delivery point, 1000 N. Main St., Los Angeles.

Western Pipe & Steel Co., P.O. Box 1120, Arcade Station, Los Angeles—(1) $373 each, total $4476; (2) $394 each, total $8274; no use tax; total, $12,750; no discount; f.o.b. 5717 Santa Fe Ave., Los Angeles.

Alhambra Foundry Co., Ltd., 1147 Meridian Ave., Alhambra—(1) $297.48 each, total $3569.70; (2) $316.60 each, total $6648.60; no use tax; total, $10,218.36; no discount; delivery point, 1147 Meridian Ave., Alhambra.

BIDS OPENED

LOS ANGELES.—Bids for furnishing vacuum relief valves, Colorado River Aqueduct, Spec. No. 173, were opened by the Metropolitan Water District, Los Angeles, Oct. 20. The bids were taken on items as follows:

(1) 22 vacuum relief valves, 8-inch diam., Type "A", 175-lb. working pressure;
(2) One vacuum relief valve, 8-inch diam., Type "B", 350-lb. working pressure;
(3) 6 vacuum relief valves, 10-inch diam., Type "A", 175-lb. working pressure;
(4) 9 vacuum relief valves, 10-inch diam., Type "B", 350-lb. working pressure;
(5) 33 air release valves, Type "A" and specified appurtenances, 175-lb. working pressure.

The bids were:

Simplex Valve & Meter Co., Philadelphia—(1) $175 each, amount $3,850; (2) $200; (3) $225 ea., amount $1350; (4) $250 ea., amount $2250; (5) $22.50 ea., amount $742.50; no use tax. Total $8392.50. Quotation includes 3% California sales tax; 1% 10 days F.O.B. Philadelphia, Pa.

Water Works Supply Co., Inc., Los Angeles—(1) $137.10 ea., amount $3,016.20; (2) $141.50; (3) $170.25 ea., amount $1021.50; (4) $176.90 ea., amount $1592.10; (5) $17.50 each, amount $577.50. Total $6348.80. F.o.b Los Angeles. No discount. No use tax.

Pelton Water Wheel Co., San Francisco—(1) $154.50 ea., amount $3,399.00; (2) $190.55; (3) $221.45 each, amount $1328.70; (4) $252.35 each, amount $2271.15; (5) $29.87 each, amount $985.71. No use tax. Total $8175.11. F.o.b. San Francisco. No discount.

BIDS OPENED

SACRAMENTO.—Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 37-79, for furnishing 350,000 ft.b.m. of lumber for mattress construction, 1x4-in.:

McCormick Supply Co., San Francisco—$17.95; f.o.b. Junction City, Oregon.

Buschow Lumber Co., Kansas City, Mo.—$19; f.o.b. Eugene, Oregon.

Cascade Cargo Sales Corp., Seattle—$18.90; f.o.b. Raymond, Doncada, and Edmonston, Wash.

Ferguson Lumber Co., St. Louis, Mo.—$20; f.o.b. Anacortes, Wash.

J. A. Chambers & Son, Cottage Grove, Oregon—$19; f.o.b. Cottage Grove.

Thompson Lumber & Piling Co., Portland—$18.95; f.o.b. Hillsboro, Yamhill, Eugene, Cottage Grove, Saginaw, Yontalla, Grain, Bear Creek, Walker, Noti, Ments Junction, Goshen, and Vaughn, Oregon.

All bids 2% 10 days discount.

BIDS OPENED

OWYHEE PROJECT, Oregon-Idaho.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 838-D, for furnishing (1) One 12-in. hand-operated gate valve; and (2) Four 24-in. electrically operated gate valves, for installation in the Dead Ox pumping plant, Owyhee Project.

Kennedy Valve Mfg. Co., Elmira, N. Y.—(1) $114; (2) $3,263; f.o.b. Elmira; 2% discount.

Michigan Valve & Foundry Division, Detroit—(1) $129; (2) $3,376; f.o.b. Detroit; net.

Koppers Co., Fort Wayne, Ind.—(1) $147; (2) $3,592; f.o.b. Fort Wayne; net.

Chapman Valve Mfg. Co., Indian Orchard, Mass.—(1) $132; (2) $3,529; f.o.b. Indian Orchard; 2% discount.

Mueller Co., Chattanooga—(1) $135; (2) $4,156; f.o.b. Ontario, Oreg.; 2% discount.

Jenkins Bros., Bridgeport, Conn.—(1) $249; (2) $3,820; f.o.b. Bridgeport; 2% discount.

Crane-O'Fallon Co., Denver — (1) $168; (2) $4,580; f.o.b. Ontario; 2% discount.

NOTE: Award will be made on combination of Items 1 and 2.

PARKER DAM, California-Arizona—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 843-D, for furnishing trash-rack metalwork for the Parker power plant, Parker Dam Project:

Minneapolis Moline Power Implement Co., Minneapolis—(1) $26,500; (2) $5,400; (3) $2,200; (4) $3,300; (5) $1,200; f.o.b. Minneapolis; net.

Mississippi Valley Structural Steel Co., St. Louis—(1) $20,288; (4) $2,949; f.o.b. St. Louis; net.

A. J. O'Leary & Son Co., Chicago—(1) $20,800; (2) $4,725; (3) $1,515; (4) $2,875; (5) $970; f.o.b. Chicago; ½% discount.

Associated Piping & Engineering Co., Ltd., Los Angeles—(1) $28,800; f.o.b. Los Angeles; 1% discount.

John W. Beam, Denver; $20,900; (2) $5,100; (3) $2,100; (4) $3,300; (5) $1,270; (2 and 5) $6,250; f.o.b. Peotone; ½% discount.

Ingalls Iron Works Co., Birmingham—(1) $32,290; (2) $6,705; (3) $2,800; (4) $4,115; (5) $2,005; f.o.b. Earp, Calif.; net.

Southwest Welding & Mfg. Co., Alhambra—(1) $29,566; (2) $6,103; (3) $3,419; (4) $4,238; (5) $2,222; f.o.b. Alhambra; net.

Bethlehem Steel Co., Bethlehem, Pa.—(1) $33,980; (2) $6,200; (3) $2,290; (4) $3,700; (5) $1,600; f.o.b. Earp; net.

Virginia Bridge Co., Roanoke—(1) $29,403; (2) $3,798; (3) $1,769; (4) $3,134; (5) $1,107; f.o.b. Birmingham, Ala., and Memphis, Tenn.; net.

Spuck Iron & Foundry Co., St. Louis—(1) $21,950; (2) $4,500; (3) $1,800; (4) $2,800; (5) $1,220; (1, 2, 3, 4 and 5) $32,000; f.o.b. St. Louis; net.

Alhambra Foundry Co., Ltd., Alhambra—(1) $26,200; f.o.b. Los Angeles; net.

Berkeley Steel Constr. Co., Inc., Berkeley—() $25,830; (2) $5,410; (3) $2,750; (4) $4,330; (1, 2, 3 and 4) $36,279; ½% discount.

CONTRACT AWARDED

LOS ANGELES.—Southwest Welding & Mfg. Co., 3201 W. Mission Rd., Alhambra, at $46,681, awarded contract by the Los Angeles Water and Power Commission, 207 S. Broadway, for furnishing miscellaneous electric fusion welded steel water pipe and appurtenances under Spec. X-58.

BIDS OPENED

LOS ANGELES.—Bids for furnishing horizontal centrifugal pumps, Spec. E-289, Bid No. 70650, were opened by S. A. Joseph, Purchasing Agent, Metropolitan Water District, Oct. 20. The items were:

(1) Two horizontal centrifugal pumps, Spec. 2-289, capacity 2000 GPM, total head 280 ft. maximum suction head 10 ft., motor 200 h.p., 4 pole, 2300 volt; option to purchase six identical pumps;
(2) One horizontal centrifugal pump, 1000 GPM, 280 ft. head, maximum suction head 10 ft., 125 h.p., 4 pole, 2300 volt motor.

The bids were:

Byron-Jackson Co.—(1) $2351 ea., extension $4702; option on (1) $2461 ea.; (2) $2253 ea.; extension, $2253; option on (2) $2153 ea. Sales tax $208.65, no discount. Delivery in 70 working days after receipt of order.

United Iron Works—(1) $2646 ea., extension, $5292; (2) $2306 ea.; extension $2306. Terms net 30 days. Delivery 70 days. Sales tax, $227.94. Prices on basis of purchase of all 3 pumps. No option. If order for 12 pumps placed now, will make following prices: (1) $16,720, f.o.b. Banning on 8 pumps; (2) $7000, f.o.b. Banning on 4 pumps. Total, $23,720.

BIDS OPENED

SACRAMENTO, Calif.—Following bids received by the Sacramento City Council, H. G. Denton, City Clerk, for furnishing:

(1) 3530 l.f. 8-in. 16-ga. perforated corrugated pipe;
(2) 1150 l.f. 10-in. do;
(3) 550 l.f. 12-in. do;
(4) Two 10-in. Model 100 automatic gate valves, Calco or equal;
(5) One 12-in. Model 100 do;
(6) Unit price for 8-in. couplings;
(7) Unit price for 10-in. couplings;
(8) Unit price for 12-in. couplings.

Western Pipe & Steel Co., 444 Market St., San Francisco: (1) $0.71; (2) $0.85; (3) $0.98; (4) $5.35; (5) $6.20; (6) $1.58; (7) $1.65; (8) $1.72.

California Corrugated Culvert Co., 5th and Parker Sts., Berkeley: (1) $0.72; (2) $0.87; (3) $0.99; (4) $5.25; (5) $6.07; (6) $1.57; (7) $1.66; (8) $1.71.

Bids referred to the City Manager for action October 22.

CONTRACT AWARDED

SALT RIVER PROJECT, Arizona.—Commercial Iron Works, 412 S.E. Stephens, Portland, at $11,412, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 835-D, for furnishing nine motor-driven, worm-gear reduction units and miscellaneous parts, for installation at the Horse Mesa Dam, Salt River Project.

BIDS OPENED

SANTA BARBARA.—Bids for furnishing 30,000 lbs. of pipe, valves and fittings, were opened by the Santa Barbara City Council Oct. 15. The bids, which were referred to the Water Superintendent, Delbert D. Smith, were:

Rennselaer Valve Co.—(C) $537.50, alt. $451.52.

Iowa Valve Co.—(C) $600.

Crane Co.—(A) $4648, (B) $2595, (C) $676.80.

Grinnell Co.—(A) $4065 plus tax, (B) $3378 plus tax.

Calif. Pipe & Supply Co.—(A) $4950.

Commercial Iron Works—(A) $5114, (B) $2490, alt. $2439.

CONTRACT AWARDED

SAN FRANCISCO—Fair Mfg. Co., 617 Bryant St., awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Spec. No. 1656, for tool sharpening for the Water Department for the term November 1, 1936 to October 31, 1937.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

CALIFORNIA STATE

REDDING.—Until October 28, 3 p.m., bids will be received by G. E. Siebert, Superintendent of Equipment, Shop 2, Division of Highways, Redding, for the sale of the following equipment:

CHC 3811—Truck; Mack 3½-yd. capacity, power dump, model 1931 "BC," dual pneumatic tires.

CHC 4865—Truck chassis; Ford 1½-ton, model BB 1933.

CHC 74—Compressor; portable rix, 265 c.f. air, 4 wheels, steel running gear.

CHC 80—Compressor; portable rix, 215 c.f. air, 4 wheels, steel running gear.

CHC 286—Drill; for rock, Gardner-Denver S-55.

CHC 288 Drill; for rock, Gardner-Denver S-55.

CHC 295—Drill; for rock, Worthington 36-D.

CHC 304—Drill; for rock, Cleveland H-77.

CHC 310—Drill; for rock, Cleveland H-77.

CHC 305—Drill; for rock, Cleveland H-77.

CHC 10—Hoist; P & H double drum, model J-35 with 25-hp. Waukesha gasoline engine, all mounted on skids.

CHC 41—Plow; for snow, rotary Snow King, model 830 with revolving chutes.

CHC 87—Scarifier; Killier make, 2-wheel, 5-tooth, ripper type.

All of the equipment may be inspected at the Division of Highway's yards at Redding, California, from 7:30 a.m. to 4:30 p.m. on any working day.

EUREKA, Humboldt Co., Calif.—Until October 28, 11 A. M., bids will be received by the Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Ave., Eureka, for the rental of three 3-yard dump trucks for approximately 500 hours each.

The trucks are to be used principally under power shovels for hauling gravel, slide material, etc., in District I.

Specifications obtainable from the above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until October 26, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1669, for furnishing approximately 21,000 c.y. red rock, 6-in. to fines, and approximately 2,000 c.y. of red rock screenings, 1-in. to fines (for WPA).

Specifications obtainable from the above office.

SAN FRANCISCO.—Until October 26, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1666, for furnishing approximately 10 tons of cast-iron specials for the high pressure water system (WPA).

Specifications obtainable from the above office.

SAN FRANCISCO.—Until October 30, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1670, for furnishing (1) 80,000 ft. ¾-in., (2) 3,000 ft. 1½-in., and (3) 2,000 ft. 1-in. galvanized steel pipe.

Specifications obtainable from the above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C for furnishing miscellaneous supplies and equipment, as follows:

BRUSHES, sash tool; 600, San Diego; 3,504, Mare Island; 168, Puget Sound. Sch. 9063; Oct. 27.

COMPOUND, 30,000 lbs. rust preventime; pigmented, for submarine ballast tanks; Mare Island. Sch. 9040; Oct. 27.

VALVES, 4 solenoid controlled whistle, 200 lbs. per sq. inch working pressure; and 12 sets spare parts; Mare Island. Sch. 9038; Oct. 27.

BANDSAWS, 2 motor-driven, metal-cutting; Mare Island. Sch. 9081; Nov. 3.

BATTERIES, 435 portable storage batteries, bone dry; spare parts for storage batteries, including 900 cell connectors, 700 battery covers, 1,600 negative groups and straps, 1,200 positive do., 300 negative do., 1,500 negative terminal connectors, 4,500 terminal gaskets, 1,800 vent-plug gaskets, 600 negative groups and straps, 500 positive do., 200 cases; 33,000 wood separators; 20,000 portable rubber separators; Mare Island. Sch. 9033; Nov. 3.

Specifications obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

WAR DEPARTMENT

VENICIA, Solano Co., Calif.—Until November 6, bids will be received by the Commanding Officer, Benicia Arsenal, under Proposal No. 14, for furnishing 1,000 camels' hair artists' brushes; 1,550 skunk hair flowing brushes; 500 mottlings brushes; 60 wire scratch brushes; 1340 wire wheel brushes; 36 putty knives, etc.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until October 27, 10 a.m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-19, for furnishing 2,750 ft. rubber insulated cable, 3-conductor No. 4, lead covered, 5,000 volts.

Delivery f.o.b. Presidio, San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until October 28, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Customhouse, San Francisco, under Bid No. 868-37-51, for furnishing 6,000 bd. ft. Oregon Pine No. 1 common rough lumber (125 pieces).

Alternate bids will be received for delivery f.a.s. Pier 3½, San Francisco waterfront; and f.o.b. Service Wharf, southeast corner of Yerba Buena Shoals Fill.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Oct. 26, 11 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-38-18, for furnishing fuse switches, insulators, switchboard pipe frame fittings, cable, flanges, etc.; fob Sub - station Bldg. No. 219, Presidio of San Francisco.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Oct. 26, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. 928-37-120, for furnishing 3,000 lbs. flake naphthalene, Class B.

Specifications obtainable from the above office.

FORT MASON.—Until October 26, 10 a.m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-16, for furnishing one submerged sewage ejector, 540 ft. galvanized or cast-iron pipe, 4-in. diam.; elbows, check valves, and lead and jute caulking.

Delivery f.o.b. Fort Baker.

Specifications obtainable from the above office.

MARIN COUNTY

SAN RAFAEL, Marin Co., Calif.—Until November 2, 8 p.m., bids will be received by the San Rafael City Council, Eugene W. Smith, Clerk, for furnishing a one-half ton pickup truck, including removable canopy top. Proposals shall include trade-in value on 1929 Chevrolet light delivery and one anu one-half ton auto car truck.

Specifications obtainable from the above office.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous supplies for use on WPA projects, as follows:

OCTOBER 26, 10 A. M.:

BID NO. 2710: Roofing asphalt, felt flax, roofing nails, etc.; fob Pittsburg Primary School, 8th and Black Diamond Sts., Pittsburg;

BID NO. 2709: 33,325 FBM Douglas fir lumber; fob Yacht Harbor and Aquatic Park, foot of Bancroft Way, Berkeley;

BID NO. 2680: Asphalt primer, binder, marble dust, natural rock asphalt; fob Purissima Elementary School, Los Altos; Stanford Campus, Walter Hayes Elementary School, 1525 Middlefield Rd., Palo Alto; Sherman Elementary School, 265 Sherman Ave., Palo Alto; and South Palo Alto Grammar School, 2698 Middlefield Rd., Palo Alto.

OCTOBER 27, 10 A. M.:

BID NO. 2711: 15,491 FBM Douglas fir lumber; fob Meekland Ave. and Grove Way, Hayward.

Specifications obtainable from the above office.

EAST BAY UTILITY DIST.

OAKLAND.—Until October 28, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L.S. 186, for constructing and furnishing 2,000 l.f. of electric welded, cement lined steel pipe, 25 in. diam.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

LOW BIDDER

KERN COUNTY, Calif.—Carl Ingalls, Inc., P. O. Box 1593, Bakersfield, at $7,648.75 submitted low bid to the State Division of Highways, R. M. Gillis, State Highway Engineer Fresno, for constructing a reinforced concrete bridge across Calloway Canal, two miles west of Bakersfield, consisting of ten 16-ft. spans.

Complete bids will be published shortly.

CONTRACT AWARDED

SANTA CRUZ CO., Calif.—A. Soda & Son, 5231 Grove St., Oakland, at $12,962, awarded contract by the State Division of Highways, Sacramento, for the construction of a concrete girder bridge across Corralitos Creek, about one mile east of Watsonville, Santa Cruz County.

CONTRACT AWARDED

SACRAMENTO CO., Calif.—Lord & Bishop, Native Sons Bldg., Sacramento, at $13,153.50, awarded contract by the State Division of Highways, Sacramento, for the construction of a concrete double box culvert, a two-span timber bridge with concrete deck, and a three-span concrete slab bridge, in Sacramento County, about 4 miles and 2.5 miles south of Brighton, and about 4.5 miles east of Perkins.

BIDS WANTED

SANTA BARBARA CO., Calif.—Until Nov. 2, 10 a.m., bids will be received by the Santa Barbara county supervisors for the construction of a steel and timber trestle bridge on the Miguelito Road near Lompoc, in accordance with plans prepared in the office of Owen H. O'Neill, county surveyor, copies of which may be obtained upon deposit of $5. Certified or cashier's check or bid bond for 10% must accompany each proposal. C. L. Preisker, chairman of the board; J. E. Lewis, clerk of the board.

BIDS WANTED

ELDORADO COUNTY, Cal.—Until November 2, 10:30 A. M., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for the construction of a bridge across Webber Creek, 1.5 miles south of Placerville, Eldorado County.

The work involves:
(1) 1 only existing steel truss span to be removed and disposed of;
(2) 30 c.y. existing concrete to be removed and disposed of;
(3) 250 c.y. structure excavation;
(4) 8,000 lbs. bar reinforcing steel;
(5) 77 c.y. Class A Portland cement concrete (structure);
(6) 25 MFBM Douglas fir timber;
(7) 4.5 MFBM Redwood timber dense select, all-heart structural grade
(8) 30 c.y. dry rubble;
(9)1 lot misc. items of work.

Plans and specifications obtainable from the above office and on file at the office of the DAILY PACIFIC BUILDER.

BIDS WANTED

ELDORADO CO., Calif.—Until November 4, 2 p.m., bids will be received by the Eldorado County Board of Supervisors, Arthur J. Koletzke, Clerk, Court House, Placerville, for the construction of a reinforced concrete girder bridge approach across the South Fork of the American River in District No. 4, Coloma.

Plans and specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—P. F. Bender, 1012 Del Paso Blvd., Sacramento, at $6,499 submitted low bid and awarded contract by the Sacramento County Board of Supervisors, Sacramento, for the construction of a concrete bridge 24 ft. wide and 115 ft. long on Dry Creek Road.

The work involves:
(1) 260 c.y. Class A concrete;
(2) 6.7 c.y. Class E concrete;
(3) 27,000 lbs. reinforcing steel;
(4) 500 c.y. excavation and backfill;
(5) Lump sum, removing the existing structure.

Total bids follow:
(A) P. F. Bender. Sacramento, $6,499.00.
(B) Carl R. Fiedler. Sacramento, $7-273.00.
(C) Lord & Bishop, Sacramento, $8,992.00.
(D) F. O. Bohnett, Campbell, $9,930.00.
(E) Lewis & Clark, Oakland, $9,943.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$16.70	$19.00	$22.00	$24.00	$24.00
(2)....	35.00	40.00	60.00	100.00	90.00
(3)....	.0425	.045	.06	.06	.06
(4)....	1.25	1.50	2.00	1.80	2.00
(5)....	150.00	100.00	250.00	500.00	480.00

E. A. Fairbair, County Engineer.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—P. F. Bender, 1012 Del Paso Blvd., Sacramento at $3,838 submitted low bid and awarded contract by the Sacramento County Board of Supervisors, Sacramento, for the construction of the Robla Bridge, a concrete structure 30 ft. wide and 58 ft. long.

The work involves:
(1) 160 c.y. Class A concrete;
(2) 3.9 c.y. Class E concrete;
(3) 16,000 lbs. reinforcing steel;
(4) 200 c.y. excavation and backfill;
(5) Lump sum, removing the existing structure.

Total bids follow:
(A) P. F. Bender, Sacramento, $3,838.00.
(B) Carl R. Fiedler, Sacramento, $4-466.00.
(C) Lord & Bishop, Sacramento, $5,364.00.
(D) F. O. Bohnett, Campbell, $6,520.00.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	$15.95	$19.00	$22.00	$27.00
(2).....	40.00	40.00	60.00	100.00
(3).....	.0425	.045	.06	.06
(4).....	1.25	1.50	2.00	2.00
(5).....	200.00	250.00	250.00	450.00

E. A. Fairbairn, County Engineer.

CAPITAL CITY TITLE COMPANY

J. C. PALEN.
Manager

914 Seventh Street
Sacramento :: California

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

INDEPENDENCE BEND, Oregon.—Until October 26, 3 p.m., bids will be received by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Bid No. 698-37-153, for construction of about 450 l.f. of pile drift barrier in the Willamette River at Independence Bend, about 1.5 miles downstream from the town of Independence.

The work involves:
(1) 2,950 l.f. piling, in place;
(2) 8.5 MFBM lumber, including hardware, in place.

Specifications obtainable from the above office.

BIDS OPENED

SACRAMENTO, Calif. — Roberts Island Dredging & Improvement Co., 508 5th St., Antioch, at $8,700 submitted the only bid received by the U. S. Engineer Office, Lieut Col. L. B. Chambes, District Engineer, Sacramento, under Proposal No. 1105-37-75, for furnishing and operating clamshell dredging plant in Suisun Bay and the San Joaquin and Sacramento Rivers, and tributary channels, for approximately 700 hours.

CONTRACT AWARDED

SAN DIEGO.—Hull, Smale & Robinson, Inc., 1033 Avalon Blvd., Wilmington, at $1,850, submitted only bid and awarded contract by the Public Works Officer, Headquarters, 11th Naval District, San Diego, under Spec. No. 8366, for removing Mooring "C" and relocating Mooring "A3" at the 11th Naval District, Los Angeles Harbor, San Pedro.

23— CANALS

LOW BIDDER

OWYHEE PROJECT, Oregon-Idaho.—H. L. Horn, Ontario, at $44,531, submitted low bid to the Bureau of Reclamation, Ontario, Oregon, R. J. Newell, Construction Engineer, under Spec. No. 698, for construction of earthwork and structures, Dead Ox pump canals and Crystal feeder canal, Dead Ox Flat Division, Owyhee Project.

The work is located near Payette and Weiser, Idaho, and the principal items of work involved are:
(1) 31,950 c.y. excavation for canals;
(2) 11,300 sta. c.y. overhaul;
(3) 8,400 c.y. excavation for structures;
(4) 7,100 c.y. backfill about structures;

(5) 644 c.y. concrete in structures;
(6) 310 sq. yds. dry-rock paving;
(7) Placing 41,000 lbs. reinforcement bars;
(8) Erecting 106 M. ft. b.m. timber in structures;
(9) Laying 3,796 l.f. 15-in. to 54-in. precast concrete pipe;
(10) Erecting 1,784 l.f. No. 30, No. 96, and No. 120 metal flume;
(11) Installing 15,000 lbs. of gates and gate hoists;
(12) Installing 2,750 lbs. miscellaneous metal work.

Work shall be commenced within 10 calendar days and completed within 160 calendar days from date of receipt of notice to proceed.

CONTRACT AWARDED

WAPATO, Washington. — Barnard-Curtiss Co., 504 Globe Bldg., Minneapolis, at $64,900, awarded contract by N. W. Irsfeld, Project Manager, Wapato Project, for excavation and enlargement of the main drain, involving 1,035,000 c.y. of excavation of earthwork, dismantling and removing 12 timber bridges and 11 metal flumes and demolishing and removing concrete siphon.

BIDS WANTED

BUTTONWILLOW, Kern Co., Cal. —Until November 17, 2 p.m. (to be opened Nov. 18, 2 p.m.), bids will be received by the Board of Directors of the Buena Vista Water Storage District, Buttonwillow, J. E. Woolley, Secretary, for the reconstruction of the East Side Canal.

Plans and specifications obtainable from the above office at a charge of $5 per set.

24—STREET LIGHTING

BIDS OPENED

SAN FRANCISCO.—H. C. Reid & Co., 389 Clementina St., at $7,550, submitted low bid to the Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 17, for constructing a street lighting system in **Bryant St.**

The work will involve:
(1) 27 electroliers;
(2) 7,300 ft. primary cable;
(3) 5,200 ft. 1½-in. black conduit;
(4) 18 extra conduit stubs in foundation.

Complete bids follow:

H. C. Reid & Co.	$7,550
Underground Constr. Co., Berkeley	7,554
Severin Electric Co.	7,560
R. Flatland	7,919
American Elec. Constr. Co.	7,938
Abbett Elec. Co.	7,992
Spencer Elec. Co.	8,497

All bidders of San Francisco, unless otherwise noted.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

LOS ANGELES.—Bids for furnishing radial gates and hoists, wall plates, and anchor bolts for wasteways, Colorado Aqueduct pumping plants, Spec. No. 172, were opened by the Metropolitan Water District, Los Angeles, Oct. 13. Bids were taken as follows:

SCHEDULE 1
(1) One 22x11-ft. 3-in. radial gate;
(2) One 15x10-ft. radial gate;
(3) One 22x11-ft. 3-in. radial gate for delivery (f.o.b. cars at Mecca, Calif.) (f.o.b. trucks at Hayfield Pump Plant);
(4) One 15x10-ft. radial gate for delivery (f.o.b. cars at San Dimas) (f.o.b. trucks at Puddingstone Spillway);

SCHEDULE 3
(5) One group consisting of 2 wall plates, 4 pin-bearing anchor bolts and 6 anchor bolts for hoists for Hayfield Wasteway;

SCHEDULE 4
(6) 2 hand-operated double-drum radial gate hoists;

SCHEDULE 5
(7a) One hand-operated double-drum radial gate hoist for Hayfield Wasteway (f.o.b. cars at Mecca) (f.o.b. trucks at Hayfield Pump Plant);
(7b) One same for Puddingstone spillway (f.o.b. cars at San Dimas) (f.o.b. trucks at Puddingstone spillway).

The bids were:

Consolidated Steel Corp., Ltd., Los Angeles—Sch. 1 item (1) $902; (2) $605; no use tax; total $1507; f.o.b. cars or trucks, 6501 E. Slauson Ave. No discount. Ship. wt. (1) 11,025 lbs., net wt., 10,825 lbs.; (2) 5935 lbs., net erecting weight 5825 lbs.; Sch. 2 (3) f.o.b. Mecca, $95; (4) f.o.b. San Dimas, $616; no use tax; total $1566; no discount. Ship. wt. same as Sch. 1; Sch. 3 (5) $119; no use tax; f.o.b. 6501 E. Slauson Ave.; no discount; ship. wt., 1058 lbs.; net erection wt. 1003 lbs.; Sch. 4 (6) $682; total $1364; no use tax; no disc.; wt. 2180 lbs.; net erection wt. 2075 lbs.; Sch. 5 (7a) f.o.b. Mecca, $698; (7b) f.o.b. San Dimas, $687; no use tax; total $1385; no discount. Same ship. wt.

Madsen Iron Works, Huntington Park—Sch. 1 (1), (2), (3), no bids; Sch. 4 (6) $558 ea., total $1116. No use tax; f.o.b. Huntington Park; no discount. Ship. wt. 2320 lbs.; net erecting wt., 2200 lbs.; Sch. 5, no bid.

L. A. Valve & Fitting Co., Los Angeles—Sch. 1 to 3, items (1) to (5), no bids; Sch. 4, item (6), $423.80; total, $847.60; f.o.b. plant, Los Angeles. No use tax; no discount; ship. wt., 2400 lbs.; net erecting wt., 2150 lbs.; no bid on item (7).

Long Beach Iron Works, Long Beach—Sch. 1, items (1) to (5), no bid: Sch. 4, item (6) $528 ea.; total $1056; no use tax; f.o.b. plant, Long Beach; no discount. Ship. wt. 2600 lbs.; net erecting wt., 2400 lbs.; Sch. 5, item (7) no bid.

Joshua Hendy Iron Works, San Francisco—Sch. 1 to 3, (1) to (5), no bid; Sch. 4 (6) $468.50 ea.; total $937; f.o.b. Sunnyvale, Calif.; no use tax; no discount. Ship. wt., not shown; Sch. 6 item (7), no bid.

Pacific Iron & Steel Co., Ltd., Los Angeles—Sch. 1, item (1) $976, (2) $685; no use tax; total, $161; f.o.b. bidder's plant, Los Angeles; no disc.; (1) ship. wt. 10,495 lbs.; (2) ship. wt. 5875 lbs.; Sch. 2, no bid; Sch. 3, item (5) $120; no use tax; f.o.b. plant. Ship. wt. 984 lbs.; no use tax; no disc.; Sch. 4 (6) no bid; Sch. 5 (7) no bid.

BIDS OPENED

GLENDALE, Los Angeles Co., Cal. —Moloney Electric Co., I. W. Hellman Bldg., submitted the low bid to the Glendale city council, at $68,500 (including state sales tax), for furnishing seven 5000 kva., single-phase, 60-cycle power transformers. The other bids were:

Pennsylvania Transformer Co.—$69,946.64.

Wagner Electric Co.—$72,975.

Allis-Chalmers Mfg. Co.—$73,262 (including state sales tax).

General Electric Co.—$74,304.

Westinghouse Electric & Mfg. Co. —$74,951.

29— STREETS AND HIGHWAYS

BIDS WANTED

STATE OF WASHINGTON.—Until November 5, 10 a.m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

King County — Clearing, grading, draining and constructing six treated pile and timber trestles with concrete decks and a 160-foot reinforced concrete lined tunnel on about 4.7 mi. of State Road No. 15, Stevens Pass Auto Camp to Money Creek Park, involving about 49 acres of clearing, 205,310 cubic yards of excavation, 3,815 cubic yards of tunnel excavation, 25,380 cubic yards of selected roadway borrow, 1,088 cubic yards of concrete, 85,100 pounds of steel reinforcing bars, 4,400 linear feet of treated piling, 76 MFBM of treated timber and lumber, 1,791 linear feet of pipe culverts and other items.

Okanogan County — Surfacing and constructing a bituminous surface treatment road mix type Class "B" on about 20.0 miles of State Road No. 4, Tonasket to Wauconda Summit, Unit 2, involving about 4,500 c.y. of crushed stone surfacing, 1,350 tons of bituminous cement, and other items.

Pend Oreille County — Clearing, grading, draining and surfacing with crushed stone about 3.7 miles of State Road No. 6, McCloud Creek to Dalkena, involving about 12 acres of clearing, 10 acres of grubbing, 37,660 c.y. of excavation, 11,500 c.y. of selected roadway borrow, 11,430 c.y. of crushed stone surfacing, 1,695 l.f. of cable guard rail design No. 6, 644 l.f. of pipe culverts, and other items.

Okanogan County—Clearing, grading, draining and surfacing with crushed stone about 1.9 miles of the Methow Valley Highway, involving about 75,340 c.y. of excavation, 5,230 c.y. of crushed stone, 5 c.y. of concrete, 2,473 l.f. of pipe culvert, and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

BIDS OPENED

VALLEJO, Solano Co., Calif.—A. G. Raisch, 1 DeHaro St., San Francisco, at $19,202.72, submitted the only bid received by the Vallejo City Council under intention No. 182, for the improvement of Ohio Street from Napa Road to the railroad; of Monterey St. from Kentucky Street to Tennessee St., and of Sulphur Springs Road from Napa Road to Amador St.

The work involves:
(1) 291 c.y. grading;
(2) 1,504.10 tons 3-in. slurry base;
(3) 85,948.83 sq. ft. 2-in. asphaltic concrete top;
(4) 347.4 c.y. combined concrete curb and gutter;
(5) 41.67 c.y. 5-in. concrete alley intersections;
(6) 339.29 l.f. curb armor;
(7) 3 only, curb inlets;
(8) 2 only, manholes;
(9) 1 only, catchbasin;
(10) 100 l.f. 4-in. house lateral sewer pipe;
(11) 18 l.f. 6-in. vitrified clay pipe;
(12) 120 l.f. 24x18-in. reinforced concrete pipe;
(13) 1151 sq. ft. sidewalks;
(14) 18 l.f. 24-in. vitrified clay pipe.

Unit bids follow:

(1)	$ 1.00	(8)	$100.00
(2)	2.40	(9)	150.00
(3)	.08	(10)	.80
(4)	16.00	(11)	1.00
(5)	14.00	(12)	6.00
(6)	.18	(13)	.14
(7)	250.00	(14)	8.00

Bids referred to City Engineer T. D. Kilkenny

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished

free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on November 4, and in Los Angeles on November 5.

IV-S.M.-2-S.M.,Bmt,B,S.Car & Rdw. C—Bet. San Mateo and Redwood City. Bids to be opened Nov. 4: PLANS (No. of sheets), 35; cost, $3.50; CROSS-SECTIONS (No. of Sheets), 89; cost, $8.90; total cost, $12.40.

VII-L.A.-4-L.A.—Marengo St. in the City of Los Angeles, between Cornwell Street and Lord Street. Bids to be opened Nov. 5: PLANS (No. of Sheets), 20; cost, $2.00; CROSS-SECTIONS (No. of Sheets), 14; cost, $1.40; total cost, $3.40.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P.O. Box 1499, Sacramento.

BIDS OPENED

SKAMANIA CO., Washington.—Homer G. Johnson, Imperial Hotel, Portland, at $29,573, submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for 0.982 mile grading on St. Helen's Highway, Columbia National Forest, Skamania County.

The principal items of work involved are:

(1) 6 A. clearing;
(2) 6 A. grubbing;
(3) 45,200 c.y. unclass. excav.;
(4) 2,000 c.y. mi. overhaul;
(5) 5 A. clearing down timber and drift;
(6) 460 l.f. culverts (Alt.);
(7) 140 l.f. reinforced concrete pipe.

Total bids follow:

Homer G. Johnson, Portland	$29,573
Giant Constr. Co., Portland	32,814
Lucich Co., Seattle	34,375
Fred Pearson, Seattle	34,494
Pacific Constr. Co., Seattle	35,649
Heller & Gilgannon, St. Helens, Oregon	40,588
James Borin, Portland	42,606

BIDS OPENED

LUALUALEI, T. H.—Moses Akiona, Honolulu, at $36,840, submitted low bid to the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8156, for grading and irrigation systems at Lualualei, T. H.

Ralph E. Woolley, Honolulu, at $43,000, submitted the only other bi

CONTRACT AWARDED

VALLEJO, Solano Co. Cal.—Henry Grimoldi, Rt. 3, Box 3676, Napa, at $1,966.49 awarded contract by Vallejo City Council for the improvement of Quincy Alley from the east line of Napa Road to the west line of Monterey Street.

T. D. Kilkenny, City Engineer.

CONTRACT AWARDED

VALLEJO, Solano Co. Cal.—Henry Grimoldi, Rt. 3, Box 3676, Napa, at $2,215 awarded contract by the Vallego City Council for the improvement of Maxwell Alley from east line of Trinity St. to the west line of Butte St.

T. D. Kilkenny, City Engineer.

CONTRACT AWARDED

VALLEJO, Solano Co. Cal.—Henry Grimoldi, Rt. 3, Box 3676, Napa, at $1,587.06 awarded contract by Vallejo City Council for the improvement of Quincy Alley between east line of Butte Street and the west line of Branciforte St.

T. D. Kilkenny, City Engineer.

CONTRACT AWARDED

GLENDALE, Los Angeles Co., Cal.—Southwest Paving Co., 11405 Radford Avenue, Roscoe, at $12,117.84, awarded contract by the Glendale city council for improving Verdugo Road from Glendale Avenue to Canada Blvd.

CONTRACT AWARDED

....SAN FRANCISCO—Eaton & Smith 715 Ocean Ave., at $11,486.80 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,974 for reconstruction of Seventh Ave., between Lincoln Way and Lawton Streets, a PWA project.

CONTRACT AWARDED

RIVERSIDE CO. Calif.—Oswald Bros., 366 E. 58th St., Los Angeles, at $121,600.50, awarded contract by the State Division of Highways, Sacramento, for about one mile grading and surfacing with plant-mixed surfacing, and constructing a reinforced concrete girder bridge in Riverside County, at Snow Creek.

BIDS WANTED

LEWIS AND PIERCE COUNTIES, Washington.—Until November 6, 10 a.m., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for bituminous surfacing on the Mt. Rainier National Park West Entrance-Paradise Inn Highway, Nisqually Glacier-Paradise Inn Section, Mt. Rainier National Park, Pierce and Lewis Counties, Washington.

The length of the project is approximately 7.882 miles on the main line and 0.563 miles side roads and 3.336 miles in parking areas.

The principal items of work involved are:

(1) 9,550 c.y. unclass. excav.;
(2) 25,000 sta. yds. overhaul;
(3) 8.446 mi. preparation of roadway;
(4) 25 tons MC-2 grade liq. asphalt;
(5) 800 tons 95 plus grade liq. asph.;
(6) 315 tons emulsified asphalt;
(7) 110 c.y. Class D concrete;
(8) 2,950 l.f. masonry curb;
(9) 200 l.f. 24-in. CGMP;
(10) 18,000 tons bituminous mix, in place;
(11) 2,000 c.y. loading and placing stockpiled aggregate;
(12) 820 sq. yds. bituminous sidewalk;
(13) 25,000 sq. ft. cut, lift, and storing sod;
(14) 4,700 l.f. bituminous surface gutter;
(15) 4,700 l.f. boulder curb;
(16) Lump sum, extra and miscellaneous force account work.

Plans and specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

SHERMAN & WASCO COS., Oregon.—A. L. Milne, 7253 NE Broadway, Portland, at $63,261, awarded contract by the Oregon State Highway Commission for 6.17 miles of crushed rock base, 7 miles oil mat surface treatment, and furnishing 3,000 c.y. crushed rock in stock pile on the Wilcox-Shaniko Section of Sherman Highway.

CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—A. G. Raisch, 1 DeHaro St., San Francisco, at $19,202.72, awarded contract by the Vallejo City Council, under Intention No. 182, for the improvement of Ohio St., from Napa Road to the railroad; of Monterey St. from Kentucky St. to Tennessee St., and of Sulphur Springs Road from Napa Road to Amador St.

BIDS WANTED

YAVAPAI CO., Ariz.—Until November 6, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Prescott-Jerome Highway, F.A. Reop. (1937), A.F.E. 7925, F.A. 17 Reop. (1937), A.F.E. 7924. The work, which extends from Jerome southwesterly for a distance of about 6 2/3 miles, consists of furnishing and placing aggregate base course and cutback plant mix, and is to be completed on or before March 15, 1937. The items and approximate quantities are:

23,800 sq. yds. reshaping road surface;
260 M. gals. sprinkling:
110 hours rolling;
9,650 tons coarse aggregate base course (CIP);
1,800 tons fine aggregate base course (CIP);
12,100 tons plant mix;
485 tons cutback asphalt;
6.7 miles placing plant mix;
1,450 tons screenings;
200 tons emulsified asphalt (Class A);
75 sq. yds. placing intersections;
84,300 gal. road oil (SC-2);
175 tons cover coat (concrete sand) (CIP).

Plans may be obtained from the state highway engineer, T. S. O'Connell. Certified or cashier's check for 5% must accompany each proposal.

CONTRACT AWARDED

SAN MATEO, San Mateo Co., Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $4.95 per ton submitted low bid and awarded contract by the San Mateo City Council, E. W. Foster, City Clerk, for the construction of an asphaltic concrete surface on San Mateo Drive between Poplar Ave. and Baldwin Ave., involving 700 tons of asphaltic concrete.

A. G. Raisch, San Francisco, at $5.25 per ton, submitted the only other bid.

E. P. Wilsey, City Engineer.

BIDS WANTED

SACRAMENTO.—Until October 27, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-87, for the construction of 1,100 l.f. of bituminous highway, 20 ft. wide, with 4 ft. earth shoulders and side slopes of 1 vertical on 3 horizontal, over a hydraulic dredge fill in a spoil area in West Sacramento.

Specifications obtainable from the above office.

BIDS WANTED

FRESNO & TULARE COS., Calif.—Until March 9, 2:30 p.m., 1937, bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for placing a bituminous treated crushed rock base course on 6.13 miles of Route 1, the Generals Highway, General Grant-Sequoia Park Approach Road, Sequoia National Forest, Tulare and Fresno Counties.

The principal items of work involved are:

(1) 4,500 c.y. unclass. excav.;
(2) 330 c.y. do. for structures;
(3) 1,000 c.y. mi. hauling unclassified excavation;
(4) 5,600 c.y. subgrade reinforcement;
(5) 13,000 c.y. mi. hauling subgrade reinforcement;
(6) 6.13 mi. fine grading subgrade and shoulders;
(7) 800 M. gals. watering;
(8) 14,000 tons crushed rock for bottom layer of base course;

(9) 11,200 tons crushed rock for top layer of base course;
(10) 200 tons supplemental crushed rock;
(11) 850 tons screenings;
(12) 696 tons liquid asphaltic material, Types MC-1, 95 plus, RC-3 or 4;
(13) 654 l.f. 8-in. perforated CMP;
(14) 392 l.f. placing Government furnished 8-in. perforated CMP;
(15) 220 c.y. crushed rock or gravel for backfill;
(16) 250 sq. yds. mortar backfill seal.

Plans and specifications obtainable from the above office upon deposit of $10.

The project should be inspected immediately on account of the possibility of early snows in the region.

BIDS WANTED

FRESNO & TULARE COS., Calif.—Until March 9, 2 p.m., 1937, bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for grading 3.98 miles of Section A of the Fresno-General Grant Park Approach Road, Sequoia National Forest, Fresno and Tulare Counties.

The principal items of work involved are:
(1) 304,000 c.y. unclass. excav.;
(2) 2,300 c.y. do. for structures;
(3) 11,700 c.y. do. for borrow;
(4) 263,000 sta. yds. overhaul;
(5) 7,000 c.y. mi. borrow haul;
(6) 3.98 mi. finishing earth graded road;
(7) 3,000 M. gals. watering;
(8) 4,788 l.f. CMP;
(9) 1 CMP elbow;
(10) 9 spillway inlets;
(11) 45 c.y. crushed rock or gravel for backfill;
(12) 50 sq. yds. mortar backfill seal;
(13) 15 c.y. concrete;
(14) 650 lbs. reinforcing steel;
(15) 10 cast steel grates;
(16) 75 c.y. masonry;
(17) 763 c.y. hand laid rock embankment.

Plans and specifications obtainable from the above office upon deposit of $10.

The project should be inspected prior to November 15, as the ground may be covered with snow after that date.

LOW BIDDERS

NAVAJO CO., Arizona.—W. E. Hall Co., P.O. Box 289, Phoenix, at $66,227, submitted low bid to the Arizona State Highway Commission, Phoenix, T. S. O'Connell, State Highway Engineer, for highway improvement on the Globe - Springerville Highway, F.A. 105-H (1937), A.F.E. 6066. The work, which is to begin about 6 miles east of Showlow and is to extend easterly about 4 miles to the Navajo-Apache county line, consists of grading and draining the roadway and is to be completed on or before Jan. 31, 1937.

The principal items are:
10,900 c.y. roadway excav.;
1,200 c.y. drainage excav.;
6,000 l.f. crown ditches;
600 c.y. structural excav.;
26,600 c.y. imported borrow;
56,800 c.y. mi. imported borrow haul;
33,500 c.y. select material (CIP);
2,500 c.y. stripping pits;
570 hours rolling;
190 c.y. class A concrete;
20,300 lbs. reinf. steel;
518 l.f. corr. metal pipe (4 sizes);
180 c.y. cement rubble masonry;
1 cattle guard;
32 l.f. planked RR crossing.

Packard Constr. Co., Phoenix, submitted the second low bid at $69,094.

LOW BIDDERS

MARICOPA CO., Arizona.—Phoenix-Tempe Stone Co., P.O. Box 1645, Phoenix, at $16,712, submitted low bid to the Arizona State Highway Commission, Phoenix, T. S. O'Connell, State Highway Engineer, for highway improvement on the Blythe-Wickenburg Highway, F.A. 98-1 ('37), A.F.E. 6063. The work, which extends over 0.4 mile of roadway near the west city limits of Wickenburg, consists of grading, draining and the furnishing and placing of aggregate base course and cutback mix, and is to be completed on or before Feb. 16, 1937.

The principal items are:
9,900 c.y. roadway excav.;
1,760 tons aggregate base course (CIP);
200 M. gals. sprinkling;
80 hours rolling;
11 c.y. class A concrete;
344 l.f. 18-in. CMP;
96 l.f. 24-in. CMP;
2 cattle guards;
4,070 l.f. line fence;
112 l.f. road guard;
850 tons cutback mix (CIP, incl. oil);
12 tons emulsified asphalt;
80 tons screenings;
1,200 sq. yds. removing and stockpiling old oil cake.

N. G. Hill Co., Phoenix, submitted the second low bid at $17,289.

ORANGE CO.—3.6 MI. GRADE, SURF. & BRIDGE—State

ORANGE CO., Calif.—C. O. Sparks & Mundo Engineering Co., 2309 Olympic Blvd., Los Angeles, at $91,115, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 3.6 miles grading and surfacing with plant-mixed surfacing and constructing a timber trestle bridge, in Orange County, between Carolina Ave. and Yorba Linda.

The work involves:
(1) 189 sta. clearing and grubbing right of way;
(2) 2,200 M. gals. water;
(3) 230 c.y. removing existing conc.;
(4) 50,000 c.y. roadway excav., unclassified;
(5) 1,810 c.y. struct. excav.;
(6) 510 c.y. ditch and channel excavation;
(7) 41,000 c.y. imported borrow;
(8) 220,000 sta. yds. overhaul;
(9) 189 sta. finishing roadway;
(10) 51 tons liq. asphalt, MC-2; (prime coat);
(11) 9,000 tons mineral aggregate; (plant-mix surfacing);
(12) 470 tons liq. asphalt, MC-4 or MC-5 (do);
(13) 1,500 sq. yds. asphaltic paint binder;
(14) 20,500 lbs. bar reinf. steel;
(15) 190 c.y. class A portland cement concrete (structures);
(16) 8 M. ft. b.m. douglas fir timber; (treated);
(17) 39 M. ft. b.m. salvaged douglas fir timber;
(18) 6.5 M. ft. b.m. redwood timber, dense, select, all-heart, struct. grade;
(19) 2,945 l.f. furnish douglas fir piles, treated, incl. test piles;
(20) 66 each driving douglas fir piles, incl. test piles;
(21) 210 l.f. 24-in. std. reinforced conc. pipe;
(22) 100 l.f. 36-in. std. reinforced concrete pipe;
(23) 300 l.f. 8-in. CMP;
(24) 550 l.f. 18-in. CMP;
(25) 600 l.f. 24-in. CMP;
(26) 290 l.f. 36-in. CMP;
(27) 70 l.f. 48-in. CMP;
(28) 130 l.f. 54-in. CMP;
(29) 310 l.f. removing and salvaging pipe culverts;
(30) 13 each spillway assemblies;
(31) 15 c.y. class A portland cement concrete (curbs and sidewalks);
(32) 52 each, culvert markers;
(33) 155 each, guide posts;
(34) 2 each, clearance markers.

NOTE: The state will furnish corrugated metal pipe and embankment protectors as more explicitly set forth in the special provisions.

Total bids follow:
(A) C. O. Sparks & Mundo Engineering Co., Los Angeles—$91,115.00.
(B) A. S. Vinnell Co., Los Angeles—$96,148.25.
(C) J. E. Haddock, Ltd., Pasadena—$101,374.25.
(D) Oswald Bros., Los Angeles—$101,626.35.
(E) Dimmitt & Taylor, Los Angeles—$106,736.75.
(F) C. R. Butterfield, San Pedro—$112,205.50.
(G) United Concrete Pipe Co., Los Angeles—$112,562.25.
(H) R. E. Campbell, Los Angeles—$119,757.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$10.00	$10.00	$15.00	$ 6.00	$15.00	$15.00	$12.00	$10.00
(2)	1.50	1.10	2.00	2.75	1.50	1.25	.75	2.30
(3)	3.00	2.50	3.00	3.25	4.00	3.50	1.50	4.00
(4)	.26	.26	.25	.27	.32	.40	.35	.40
(5)	1.30	1.00	1.50	1.30	1.00	1.25	1.00	1.50
(6)	.50	1.00	1.00	1.30	1.00	.80	.75	1.00
(7)	.50	.60	.56	.60	.67	.80	.70	.72
(8)	.007	.003	.006	.01	.01	.01	.01	.005
(9)	5.00	10.00	10.00	5.00	10.00	10.00	8.00	8.00
(10)	25.00	25.00	25.00	24.00	25.00	24.00	40.00	24.00
(11)	2.40	2.60	3.00	2.90	2.75	2.30	2.95	3.30
(12)	15.00	20.00	15.00	16.00	16.00	15.00	18.50	15.30
(13)	.04	.02	.02	.02	.03	.05	.03	.40
(14)	.07	.06	.05	.05	.05	.05	.06	.05
(15)	25.00	17.00	30.00	20.00	22.00	25.00	27.50	23.00
(16)	120.00	100.00	100.00	108.00	115.00	100.00	95.00	125.00
(17)	30.00	22.00	30.00	50.00	40.00	50.00	40.00	62.00
(18)	140.00	125.00	110.00	130.00	125.00	120.00	120.00	120.00
(19)	.80	.95	.75	.83	.75	.70	.75	.72
(20)	15.00	26.00	20.00	18.00	20.00	25.00	40.00	28.00
(21)	3.00	3.00	3.00	3.00	3.50	3.00	2.75	3.70
(22)	5.50	5.50	5.40	6.00	6.50	6.00	5.60	6.70
(23)	.50	.20	.25	.30	.40	.30	.35	.50
(24)	.60	.45	.35	.40	.60	.40	.65	.70
(25)	.65	.60	.50	.45	.80	.60	1.00	.75
(26)	1.00	.75	.75	.80	1.10	1.20	1.25	1.00
(27)	1.50	1.00	1.00	2.75	1.30	2.00	2.30	2.00
(28)	1.50	1.10	1.25	2.50	1.50	3.00	2.75	2.50
(29)	1.00	.75	1.00	.50	1.10	1.00	.75	1.50
(30)	15.00	6.50	3.00	8.00	7.00	7.00	15.00	5.00
(31)	20.00	15.00	20.00	20.00	20.00	25.00	20.00	20.00
(32)	3.00	2.00	2.00	2.50	2.50	4.00	3.00	2.50
(33)	3.00	2.00	2.00	2.00	2.50	2.50	3.00	2.50
(34)	10.00	5.00	5.00	10.00	8.00	20.00	10.00	10.00

30—RESERVOIRS & DAMS

BIDS WANTED

UPPER SNAKE RIVER PROJECT, Idaho.—Until November 10, 10 a.m., bids will be received by the Bureau of Reclamation, Ashton, Ida., H. A. Parker, Construction Engineer, under Spec. No. 848-D, for clearing the Grassy Lake Reservoir site, Upper Snake River Project. The work is located about 38 miles east of Ashton.

Work shall be commenced within 15 calendar days and completed within 400 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the Bureau of Reclamation at Ashton, Idaho, or Denver, Colorado, without charge to prospective bidders; to others, $0.50, not returnable.

LOW BIDDERS

COLORADO RIVER PROJECT, Texas.—Brown & Root, Inc., 709 Colorado, Austin, at $5,781,235, submitted low bid to the Bureau of Reclamation, H. P. Bunger, Construction Engineer, Austin, under Spec. No. 702, for the construction of the Marshall Ford Dam, Colorado River Project.

The work is located near Austin and the principal items of work involved are:

(1) 12,500 c.y. stripping;
(2) 765,000 c.y. all classes of excavation, foundation and struc.;
(3) 93,000 c.y. all classes excavation in borrow pits;
(4) 1,000 c.y. backfill;
(5) 67,000 c.y. earthfill in embankment;
(6) 13,000 c.y. rock fill on downstream slope of embankment;
(7) 7,700 c.y. riprap on upstream slope of embankment;
(8) 968,980 c.y. concrete;
(9) 210,000 cu. ft. pressure grouting;
(10) Placing 5,300,000 lbs. reinf. bars;
(11) Drilling 49,000 l.f. grout holes;
(12) Drilling 16,000 l.f. drainage and anchor-bar holes;
(13) Constructing 2160 l.f. 6- to 12-in. in. sewer pipe drains;
(14) Laying 6,180 l.f. 24-in. 36-inch split sewer pipe;
(15) Manufacturing and placing 31,000 l.f. porous conc. drain tile;
(16) Installing 25,000 l.f. metal sealing strips in contraction joints;
(17) Installing 95,000 lbs. tubing and fittngs for grouting contraction joints;
(18) Installing 270,000 lbs. trash-rack metal work;
(19) Installing 7,430,000 lbs. paradox gates and operating mechanisms
(20) Installing 1,150,000 lbs. penstock pipes;
(21) Installing 440,000 lbs. bulkheads and bulkhead gates;
(22) Installing 660,000 lbs. standard metal pipe, fittings and valves;
(23) Installing 94,300 lbs. miscellaneous metal work;
(24) Installing 9,500 l.f. of electrical metal conduit;
(25) Installing 9,500 lbs. of electrical conductors, equip. and ground wires.

Work shall be commenced within 0 calendar days and completed within 900 calendar days from date of receipt of notice to proceed.

The three low bids follow:

Brown & Root, Inc., Austin..$5,781,235
Utah Constr. Co., Ogden..... 5,909,049
W. E. Callahan Constr Co., Los Angeles 7,022,496

Complete bids will be published shortly.

31—PIPE LINES & WELLS

CONTRACTS AWARDED

ABERDEEN, Washington—Federal Pipe & Tank Co., Seattle, at $121,143, for supplying materials and putting pipe line in place, and Macri Bros., 511 21st N., Seattle, at $117,814, for trenching, etc., awarded contracts by the Aberdeen City Council for construction of a 32-000-l.f. 54-in. pipe line extending from Junction to Hoquiam City limits, to provide a daily water supply of 30,000 gals. for the Grays Harbor Pulp & Paper Co.

CHANGE IN LOW BIDDER

SALEM, Ore.—A recheck of bids received by the Salem City Council for construction of a 16-mile water supply line revealed that Jas. Crick, N. 3104 Monroe, Spokane, submitted the low bid at $616,303 for a combination of wood and steel pipe.

The bid is being held pending determination of its compliance with prequalification requirements.

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—D. A. Beck & Sons, Alta Loma, at $757.50, awarded contract by the State Division of Highways, Sacramento, for drilling a water supply well at the Hinkley Maintenance Station site, San Bernardino County.

The low bid of J. W. Burkhart, Adelanto at $683.75, was disqualified.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

LOS ANGELES, Cal.—Until Nov. 4, 10 A. M., bids will be received by Los Angeles board of public works, 153 City Hall, for the remodeling of Fish Harbor sewage pumping plant (Terminal Island, San Pedro); PWA Project No. 5633, Unit No. 9.

This plant was built in 1922 and pumps sewage with the pumps submerged. The remodeling, by the construction of a concrete wall in the sewage pit, provides for placing the pumps in a dry well and confines the sewage gas to the wet well.

The remodeling consists of the removal of existing floors and a portion of the walls, the construction of concrete floors for the motor room and rake room, and a concrete wall in the pit, the installation of a new duplicate sewage pumps with piping and fittings, floats and float wells, a ventilation system, steel stairway and ladders, and a fence around the plant.

BIDS WANTED

LOS ANGELES, Calif.—Until November 4, 10 a.m., bids will be received by the Los Angeles board of public works, 153 City Hall, for furnishing and installation of sludge beds and plant grounds improvement at Terminal Island sewage treatment plant (Terminal Island, San Pedro), PWA Project No. 5633, Unit No. 3 (h). The work includes:

(1) Furnishing and installation of an incinerator, including all appurtenances;
(2) Furnishing and installation of concrete work, sludge beds and scum beds, sludge piping, water pipe crossings under proposed roadways, all necessary earth excavation, haulaway, screening and grading required, including all appurtenances;
(3) Furnishing and delivery of pipe and fittings for garden and sprinkling systems, including all appurtenances;
(4) Furnishing and planting of hedge, shrubs and trees, the furnishing and delivery only of lawn seed;
(5) Furnishing and delivery of an air compressor unit, including piping and all appurtenances;
(6) Furnishing and delivery of office furniture and equipment, including all appurtenances;
(7) Furnishing and delivery of plant tools;
(8) Furnishing and delivery of sludge distintegrator, including all appurtenances;
(9) Furnishing and delivery of plumbing supplies and equipment and the furnishing and installation of a laundry tray and piping, including all appurtenances;
(10) Furnishing and delivery of laboratory equipment, including all appurtenances;
(11) Furnishing and delivery of special equipment for chlorine control at Fries Ave. pumping plant.

The board of public works reserves the right to split award and to award contracts to one or more bidders as follows: (a) one item, (b) combination of items, (c) all items.

CONTRACT AWARDED

HICKAM FIELD, T. H.—Marks Constr. Co., Ltd., Honolulu, at $110,000, awarded contract by the Army Department, Washington, D. C., Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. 397-37-5, for construction of a sanitary sewer system together with sewage pumping plants, buildings, and outfall lines at Hickam Field, Fort Kamehameha, T. H.

KERN COUNTY—CALLOWAY CANAL BRIDGE—(State)

KERN CO., Calif.—Carl Ingalls, Inc., P.O. Box 1593, Bakersfield, at $7,637.50, submitted low bid to the State Division of Highways, R. M. Gillis, State Highway Engineer, Fresno, for constructing a reinforced concrete bridge across Calloway Canal, two miles west of Bakersfield, consisting of ten 16-ft. spans.

The work involves:

(1) 150 c.y. structure excavation;
(2) 250 c.y. class F portland cement concrete;
(3) 43.000 lbs. bar reinf. steel;
(4) 375 l.f. timber bridge railing;
(5) One lot misc. items of work.

Total bids follow:

(A) Carl Ingalls, Inc., Bakersfield $7,637.50
(B) Opperman & Co., Bakersfield 10,258.50
(C) D. A. Loomis, Glendale.... 10,622.40
(D) R. P. Moore, Fresno 10,943.25
(E) F. A. Greenough, Bakersfield 11,510.00
(F) Griffith Co., Los Angeles 11,612.50
(G) F. O. Bohnett, Campbell 11,860.00
(H) Wm. C. Horn Co., Pomona 11,960.00

The bid of Alfred J. Hendricks, Bakersfield, was irregular and was not declared.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.00	$ 2.00	$ 3.80	$ 3.50	$ 2.00	$ 3.00	$ 2.00	$ 3.00
(2)	19.00	28.50	28.50	26.70	31.82	30.60	30.00	32.00
(3)	.05	.045	.0518	.07	.045	.05	.07	.06
(4)	.90	1.50	.80	1.23	2.00	1.50	2.00	2.00
(5)	250.00	336.00	400.00	272.00	570.00	800.00	300.00	180.00

TO SELECT ENGINEER

WILLITS, Mendocino Co., Calif.—City Clerk A. M. Sacry has been instructed to engage a civil engineer to make a preliminary survey of sewage disposal in the southeastern section of the city.

A bond election probably will be held to authorize funds for the construction of sewers and improvements of city streets.

BIDS WANTED

JACKSON, Amador Co., Calif.—Until October 26, 8 p.m., as previously reported, bids will be received by the Jackson City Council for construction of a sewage treatment plant intercepting and outfall sewers. Estimated cost, $76,607.

Work consists of construction of intercepting sewers along the various forks of Jackson Creek, and an outfall sewer carrying the load some 4,000 feet along Jackson Creek proper to a sewage treatment plant, consisting of a sedimentation tank with automatic mechanical sludge collector and skimmer. Sludge removed at irregular intervals will go by gravity into a sludge digestion tank equipped with gas burner. Digested sludge to be removed by gravity flow to adjacent drying beds, the effluent to travel outward along low ground alongside and in Jackson Creek bed.

Bids will be taken as follows:

(1) 2,238 l.f. 15-in. vitrified pipe sewer;
(2) 362 l.f. 12-in. do.;
(3) 841 l.f. 10-in. do.;
(4) 9,159 l.f. 8-in. do.;
(5) 1,248 l.f. 12-in. cast-iron pipe sewer;
(6) 2,523 l.f. 10-in. do.;
(7) 1,466 l.f. 8-in. do.;
(8) 6 each, 12x6-in. vitrified pipe wye branches;
(9) 4 each, 10x6-in. do.;
(10) 100 each, 8x6-in. do.;
(11) 4 each, 12x6-in. cast-iron pipe wye branches;
(12) 20 each, 10x6-in. do.;
(13) 4 each, 8x6-in. do.;
(14) 40 each, manholes with Type A covers;
(15) 17 each, manholes with Type B covers;
(16) 2 each, drop manholes with Type A covers;
(17) 2 each, drop manholes with Type B covers;
(18) One reinforced concrete sedimentation tank constructed complete with equipment for sludge removing and skimming, screen compartment with bar screen but without automatic equipment, 12-in. vitrified pipe outlet to dosing tank, sludge and grease pipes to sludge digestion tank;
(19) One automatic sewage screen installed complete with motor, switch, etc., except bar screen included in item above;
(20) One reinforced concrete sludge digestion tank constructed complete with inlet and outlet pipes with valves, sludge pipe complete with valve, by-pass pipe complete with valve, gas collecting dome complete with spray nozzle, gas trap, gas pipe and adjustable pipe burner;
(21) One gas burner unit constructed complete with grate;
(22) One sludge drying bed for digestion tank (excavation only);
(23) 346 l.f. constructing industrial type fence;
(24) 50 c.y. rubble wall;
(25) One dosing tank constructed complete with 12-in. vitrified pipe outlet to final settling tank;
(26) One sprinkling filter constructed complete with 12-in. vitrified pipe outlet to final settling tank;
(27) One final settling tank constructed complete with 12-in. vitrified outlet pipe and 6-in. cast-iron sludge pipe;
(28) One sludge bed for final settling tank (excavation only).

Plans and specifications obtainable from the office of the City Clerk upon deposit of $10.

John S. Bates, 3134 Eton Street, Berkeley, engineer.

A grant of $34,473 was recently approved by the PWA.

BOND ELECTION

REDONDO BEACH, Los Angeles Co., Calif.—An election will be held October 20 to vote on a proposal to bond the city in the sum of $300,000 to finance the city's share of the cost of a new waterworks and water distribution system estimated to cost $535,000. Application has been made for PWA funds amounting to $272,727. Preliminary plans prepared by H. Kirk Kellogg, Consulting Engineer, 427 North Hobart Blvd., Los Angeles, provide for the following:

Acquisition of land, $4000.

Drilling of four wells, two 16-inch and two 10-inch or 12-inch.

3,000,000 gal. steel storage tank in the south part of the city.

500,000 gal. steel storage tank in the north part of the city.

250,000 gal. elevated steel tank, south part.

50,000 gal. elevated steel tank, north part.

300,000 feet of water mains, including 114,000 ft. 4-in., 140,000 ft. 6-in., 5000 ft. 16-in., and the balance 8-in., 10-in., and 12-in.

Booster pumping station at each of elevated tank sites.

Legal details of the projects are being handled by Frank L. Perry, City Attorney, and O'Melveny, Tuller & Myers, Title Insurance Bldg., Los Angeles.

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until November 4, 8 P. M., bids will be received by Eureka City Council, A. Walter Kildale, City Clerk, City Hall, for the construction of the Washington St. sanitary sewer outfall between Broadway and the Government bulkhead line. Total cost is estimated at $50,235.

Work will consist of the construction of a reinforced concrete pipe outfall sewer, 36-inch inside diameter, and 2,600 ft. in length. Seventeen hundred feet of pipe will be laid on a gravel base where necessary and 900 ft. will be supported by concrete saddles on wooden piles where necessary. A protective block of concrete manholes are to be constructed at intervals of 600 ft. along the sewer line.

The work involves:

(1) 2,583 l.f. 36-in. reinforced concrete pipe, complete in place;
(2) 1,550 l.f. gravel base, complete in place;
(3) 130 combined pier & collar units, complete in place;
(4) Lump sum, outlet block unit, complete in place;
(5) Lump sum, removing and refilling the existing stave pipe sewer
(6) 3 concrete manholes, in place.

Plans and specifications obtainable from the office of City Engineer E. D. Gardner, City Hall, upon deposit of $20.00.

A grant of $22,600 was approved by the PWA recently.

CONTRACT AWARDED

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—H. E. Conner, 1222 Shipple Avenue, Redwood City, at $666.10, submitted low bid and awarded contract by the South San Francisco City Council for the construction of a sanitary sewer in the south industrial area of South San Francisco, involving:

(1) 207 l.f. 18-in. vitrified iron stone pipe;
(2) 24 l.f. 18-in. cast iron pipe;
(3) One manhole.

Complete bids follow:

H. E. Conner, Redwood City—(1) $2.30; (2) $5; (3) $70; total, $666.10.

Oakland Sewer Constr. Co., Oakland—(1) $2.93; (2) $5.75; (3) $75; total, $819.51.

O. G. Ritchie, San Jose—(1) $3.10; (2) $7; (3) $125; total, $934.70.

BIDS WANTED

SAN JACINTO, Riverside Co., Cal.—Until October 30, 7 P. M., as previously reported, bids will be received by the San Jacinto City Council for the construction of a sewage collection system and a treatment plant in accordance with revised plans prepared by Koebig & Koebig, consulting engineers, 820 Rowan Bldg., Los Angeles.

The plans have been revised to eliminate about 2500 l.f. of sewer mains and bids will be taken on (A) sewer collection system, and (B) treatment plant.

The work involves:

SCHEDULE A

(1) 9415 ft. 8-in. vitrified clay pipe, standard strength;
(2) 1098 ft. 10-in. do;
(3) 4025 ft. 12-in. do;
(4) 185 8x6-in. wye branches;
(5) 19 10x6-in. do;
(6) 175 12x6-in. do;
(7) 379 caps for wye branches;
(8) 24 manholes;
(9) 16 junction manholes;
(10) Lump sum, resurfacing over excavation;
(11) 1750 ft. 2-in. galv. iron pipe.

SCHEDULE B

(12) 1 pumping plant, complete;
(13) 1 clarifier digester complete, including all mechanical equip.;
(14) 2 sludge beds, complete;
(15) 2 filter beds, complete.

J. L. Kruly, Laguna Beach, at $39-546 submitted low bid on October 9. Bids were rejected upon the advise of the PWA engineer.

CONTRACT AWARDED

SAN FRANCISCO. — Eaton & Smith, 715 Ocean Ave., at $2,672.15, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,980, for the construction of a sewer in Iowa Street, between 18th and Mariposa Sts.

33— WATER WORKS

BIDS WANTED

YERBA BUENA SHOALS, Cal.—Until October 30, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Customhouse, under Bid No. 868 - 37 - 52, for boring holes on the Yerba Buena Shoals Project, involving 1,000 feet of borings, up to a maximum of 60-ft. each.

Specifications obtainable from the above office.

CONTRACT AWARDED

VALLEJO, Solano Co., Cal.—Fairbanks Morse & Co., Spear and Harrison Sts., San Francisco, at $1,668,89 awarded contract by the Vallejo City Council for furnishing pumping machinery and piping, etc., consisting of two centrifugal motor units, 100 gal. capacity, 100 pounds working pressure, 200-g.p.m., 2000-gal. hydro-pneumatic pressure tank, and all necessary fittings for the Vista Pumping Plant.

Construction of a pump house, 16x 24 feet, and installation of pumping machinery and fittings will be done by force account.

T. D. Kilkenny, City Engineer.

LOW BIDDERS

OWYHEE PROJECT, Oregon-Idaho.—Benjamin H. Sheldon, Ontario, at $9,736, submitted low bid to the Bureau of Reclamation, Ontario, Oregon, R. J. Newell, Construction Engineer, under Bid No. 837-D, for the construction of the Dead Ox pumping plant, Dead Ox Flat Division, Owyhee Project.

The work is located near Ontario, and the principal items of work involved are:

(1) 155 c.y. all classes of excavation;
(2) 300 c.y. backfill;
(3) 680 c.y. concrete;
(4) Placing 88,000 lbs. of reinforcement bars and fabric;
(5) Installing 520 l.f. metal sealing strips;
(6) Installing 30,000 lbs. of metal work;
(7) Installing 1,100 sq. ft. asphalt-saturated felt roofing, complete with flashing;
(8) Installing 1,100 l.f. electrical metal conduit.

Work shall be commenced within 30 calendar days and completed within 105 calendar days from the date receipt of notice to proceed.

The three low bids follow:

John Klug, Easton, Wash.....14,188
Benjamin H. Sheldon, Ontario....$9,736
David A. Richardson, Ontario....13,100

CONTRACT AWARDED

WALNUT CREEK, Contra Costa Co., Calif.—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $21,886.92, submitted low bid and awarded contract by the Walnut Creek City Council for furnishing 10,380 l.f. 8-in. inside diam. cast-iron pipe and 14,335 l.f. 6-in. inside diam. cast-iron pipe, together with fittings therefor; all pipe and fittings to be cement lined.

Complete bids follow:

U. S. Pipe & Foundry Co.....$21,886.92
American Cast Iron Pipe Co. 22,891.18
Pacific States Cast Iron Pipe Co. 23,249.00

George Oliver, City Engineer. *

BIDS OPENED

SAN MATEO, San Mateo Co., Cal.—Western Pump Co., Ltd., 522 West Santa Clara, San Jose, at $536.32 submitted low bid to the San Mateo City Council, E. W. Foster, City Clerk, for furnishing and installing one 80-gal. per minute deep well turbine pump in the East Side Park, Mt. Diablo and El Dorado Sts.

Complete bids follow:

Western Pump Co., San Jose....$536.32
Victor Equip. Co., S. F..... 624.60
Jacuzzi Brothers 644.13
Fairbanks, Morse & Co., S. F... 662.60
Scott Machinery Co., S. F..... 737.00
John Beam Co., San Jose..... 755.00
Simonds Mchy. Co., S. F..... 776.00

The bids of Western Pump Co., Victor Equipment Co. and Fairbanks Morse & Co. are being held under advisement until November 2.

CONTRACTS AWARDED

RED BLUFF, Tehama Co., Calif.—Contracts for furnishing materials, pipe and fittings for the water department were awarded by the Red Bluff City Council as follows:

Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco—Pipe, fittings and curb boxes, $6,122.97.

Rensselaer Valve Co., 55 New Montgomery St., San Francisco—Valves, valve boxes and hydrants, $1,974.80.

Water Works Supply Co., 501 Howard St., San Francisco—Leadite, lead and hemp, $289.25.

Mueller Co., 1072 Howard St., San Francisco—Tapping sleeve and valve, water tapping machine complete, brass and copper goods, $620.84.

Dallman Supply Co., 6th and Q Sts., Sacramento—Small pipe and fittings, $207.06.

ENGINEER SELECTED

HOLLISTER, San Benito Co., Cal.—The Board of Directors of the Hollister Irrigation District has engaged Joseph W. Gross, 502 Bryte Bldg., Sacramento, to make an investigation and submit plans for the conservation of water within the district.

E. C. Eaton of the Bureau of Reclamation, formerly chief engineer of the Los Angeles Flood Control District, will act in an advisory capacity.

October 22, 1936.

BIDS WANTED

KING CO., Washington. — Until October 30, 3 p.m., bids will be received by the Board of Commissioners of Water District No. 49 of King County, by H. D. Van Eaton, State Supervisor of Purchasing, Insurance Bldg., Olympia, for furnishing approximately 107,360 ft. of wrapped sheet steel pipe, together with 400 ft. of galvanized wrought steel pipe, miscellaneous valves, valve boxes, and fittings, for delivery at job-site in Gunther's Highland View Tract, Burien, King County.

Specifications obtainable from the above office and from Parker & Hill, consulting engineers, Smith Tower, Seattle, or from the board of water commissioners.

34— PARKS AND PLAYGROUNDS

BIDS WANTED

ANAHEIM, Orange Co., Calif.—Until November 11, 1 P. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for lawn sprinkler system at the U. S. post office, Anaheim.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

RENO, Nevada.—No bids were received by Treasury Department, Washington, D. C., for seeding and planting grounds at the U. S. Post Office, Reno.

35— TUNNELS

CONTRACT AWARDED

ALAMEDA - CONTRA COSTA COS., Calif.—George Pollock Co., Forum Bldg., Sacramento, and R. G. Clifford, Matson Bldg., San Francisco, at $731,100, awarded contract by Joint Highway District No. 13, Wallace B. Boggs, chief engineer, 1448 Webster St., Oakland, for completing excavation and concrete arch ring lining in the Broadway Low-Level Tunnel.

BIDS OPENED

LOS ANGELES.—Bids for furnishing oil circuit breakers for the main pumping plants of the Colorado River Aqueduct, Spec. No. 169, were opened by the Metropolitan Water District, Los Angeles, October 15. Bids were taken as follows:

(1) 4 230-kilovolt, 1200-ampere, 3-pole, oil circuit breakers, complete with spare parts and accessories;
(2) 16 15,000-volt, 1200-ampere, 3-pole, oil circuit breakers, complete with spare parts and accessories;
(3) 9 15,000-volt, 600-ampere, 3-pole, oil circuit breakers, complete with spare parts and accessories;
(4) 5 trucks for use with circuit breakers furnished under items 2 and 3;
(5) Deduction if awarded items 1, 2, 3 and 4.

The bids were:

General Electric Co.—(1) $144,400, f.o.b. Philadelphia, oil f.o.b. Richmond; use tax $4067; total $148,467; no discount. Shipping weight, 183,600 lbs., heaviest piece 22,000 lbs., spare parts 10,000 lbs.; (2) $34,800; use tax $1040; no discount total $35,840. Shipping weight 2855 lbs., heaviest piece 2350 lbs.; spare parts 300 lbs.; (3) $15,900, f.o.b. Philadelphia; use tax $475; no discount; total $16,375. Shipping weight, 2835 lbs.; heaviest piece 2330 lbs.; spare parts 300 lbs.; (4) $800, Philadelphia; use tax $24; no discount; total $824. Shipping weight, 400 lbs. each; (5) deduct $10,000; deduction on use tax $300.

Kelman Electric & Mfg. Co.—(1) $181,916.54; Los Angeles; no use tax; no discount; total $181,916.54. Shipping weight, 85,000 lbs.; heaviest piece 20,000 lbs.; spare parts 10,200 lbs.; (2) $25,409.07; Los Angeles; no use tax; no discount; total $25,409.07. Shipping weight 2400 lbs.; spare parts 820 lbs.; (3) $12,802.90, Los Angeles; no use tax; no discount; total $12,802.90. Shipping weight, 2200 lbs.; spare parts 800 lbs.; (4) $1158.75; Los Angeles; no use tax; no discount. Shipping weight, 300 lbs.

525 lbs. No discount.

Westinghouse Electric & Mfg. Co.—(1) f.o.b. Pittsburgh, freight allowed, $210,020; use tax $6300; total $216,320.60. No discount. Shipping weight, without oil, 98,000 lbs.; heaviest piece, 20,000 lbs.; spare parts 7800 lbs.; (2) $44,456, East Pittsburgh; use tax $1333.68; total $45,789.68; no discount. Shipping weight 1830 lbs. without oil; heaviest piece 1830 lbs.; spare parts 870 lbs.; (3) $22,674, East Pittsburgh; use tax $680.22; no discount; total $23,354.22. Shipping weight, 1565 lbs.; heaviest piece 1565 lbs.; spare parts 760 lbs.; (4) $1005, East Pittsburgh; use tax $30.15; no discount; total $1035.65.

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October 31, 1936

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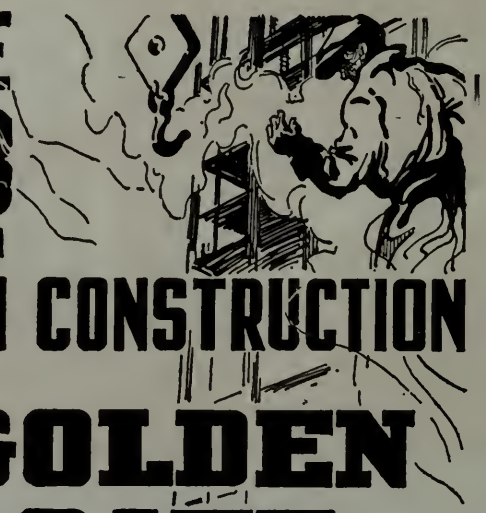
ON THE JOB IN WESTERN CONSTRUCTION



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Vol. XIX SAN FRANCISCO, CALIF., OCTOBER 31, 1936 No. 43

$1,000,000 Exhibit Palace Group For Fair Designed; To Award Contracts Next Month

Plans are near completion for the main group of exhibit palaces for the 1939 World's Fair and the contract probably will be advertised early in November. The cost will approximate $1,000,000.

Original designs, which called for a group of five buildings, have been modified to provide twelve interconnected halls, the entire covered area exceeding 600,000 square feet. Construction will be of timber throughout, set on pile foundations. Wood sheathing will be used on roofs and sides.

Bids will be taken by the Public Utilities Commission, acting as agent of the Exposition Corporation. The bidding schedule will be divided into six propositions, permitted awards on individual units or combinations. The smallest unit is estimated at $120,000. The contracts will be let under PWA regulations.

Plans for the buildings have been prepared by the Exposition Architctural Commission, of which Architect George Kelham is chairman.

Award of this work will nearly complete the obligation of funds granted to the project by PWA. One remaining contract for the ferry terminal building probably will be let before the first of the year.

Work is underway on the two airplane hangars, the airport terminal building, and ferry slips.

GASOLINE TAX YIELD UP 9%

State gasoline tax revenue for the third quarter totalled $11,305,934, State Controller Ray L. Riley announces in making the apportionment to state and county funds for the period ending September 30. The counties will receive $3,768,644 for construction and maintenance of local roads. The balance is allocated to state and city funds, the latter being spent under supervision of the State Division of Highways.

The apportionment compares with $10,351,723 for the corresponding quarter of 1935, a gain of 9.2 per cent.

RECORD PREMIUM FOR STATE HARBOR BONDS

A $700,000 block of state harbor bonds, sold to finance new construction on the San Francisco waterfront, brought a premium of $127,350 from the high bidder. State Treasurer Charles G. Johnson said the premium is the highest ever offered in the history of the state's fiscal affairs. The bonds bear 4 per cent interest.

Emergency Zoning Protection Voted In Solano County

Solano county supervisors have enacted an emergency ordinance restricting building in the vicinity of Vallejo and along the right-of-way of the new American Canyon cut-off.

The ordinance forbids erection of any type of structure, with the exception of one or two-family dwellings in any part of Vallejo township or within 600 feet from the exterior boundaries of the right-of-way of the new highway without a county permit. Applications for permits may be filed with the county clerk and will be passed on by the county planning commission.

Haste in adopting the measure was said to be due to demands that billboards along the new highway be restricted.

PARKER BRIDGE BIDS INVITED NOVEMBER 17

$150,000 Steel Span Crossing Colorado To Be Built By U. S. Bureau

District Engineer C. H. Sweetser of the Bureau of Public Roads yesterday announced a call for bids, to be opened November 17, for the construction of the Parker bridge and approaches across the Colorado River, California-Arizona Federal Lands Project No. 8, in Yuma County, Arizona, and San Bernardino County, California.

The construction of the bridge has been held up while the Arizona Highway Department was obtaining the necessary rights of way. It will be financed entirely by the Federal Government from the Arizona and California federal highway funds.

The proposed bridge will be 675 feet in length and will be of concrete and steel construction. The estimatd cost is $150,000.

Principal items in the contract include: 38,550 cubic yards of unclassified excavation; 120,200 sta. yds. overhaul; 0.716 mile finishing earth graded road; 120,034 pounds of reinforcing steel; 550,000 lbs. structural steel, and 93,000 pounds of steel sheet piling.

Plans and specifications may be obtained from the office of the Bureau of Public Roads, Federal Office Building, San Francisco, or from the Bureau office in the New Post Office Building, Phoenix, Arizona, upon deposit of $10.00.

This is the second call for bids to be opened on November 17, issued by District Engineer Sweetser within the week. Last Thursday he announced that bids would be opened on that date for grading approximately 1.3 miles of Section C on Route 61 of the Angeles Crest National Forest Highway, Los Angeles County.

Principal items included: 301,600 cubic yards unclassified excavation; 22 acres clearing; 2,180 cubic yards unclassified excavation for structures, and 413,000 station yards overhaul.

PWA APPROVES $605,000 JOBS IN CALIFORNIA

Bakersfield School Auditorium Among Seven Projects Receiving Aid

The approval of grants for seven California projects costing in the aggregate, $605,790, was announced by State PWA Director A. D. Wilder yesterday, making a total of eighty projects estimated to cost $9,416,324 approved in California since July.

Of the seven grants, five were awarded to Northern California projects. Largest of these was an award of $145,000 to the Kern County Union High School District for the construction of an auditorium and threatre building in Bakersfield to cost $325,000.

A grant of $19,898 was approved for a street and sewer improvement in San Mateo, to cost $44,-219. The contract calls for paving, setting back curbs, the construction of gutters and the laying of 2,000 feet of sewer in Second, Third, Fifth and Ellsworth Avenues. Plans and specifications are being prepared under the direction of City Manager E. P. Wilsey.

The City of Porterville received a grant of $15,700 for the construction of a fire house and municipal shop building, estimated to cost $34,891. The fire house will be a one-story and part basement reinforced concrete building with concrete floors and a wooden roof on steel trusses. The interior walls will be of plastered masonry or metal lath and the exteriors of painted concrete. Plumbing and heating work is included.

The shop building is to be a 1-story reinforced concrete building with a corrugated iron roof on steel trusses and concrete floors.

A fire alarm system, which is not included in the estimate, will be furnished by the city. Plans are being prepared by Architect W. D. Coates of Fresno and will be submitted for PWA approval shortly.

A grant of $13,500 was approved for the construction of a gymnasium and auditorium in Cedarville, Modoc County.

The building is estimated to cost $25,980 and will be a one-story structure of frame construction with stucco exterior and a composition roof. All floors will be of concrete except those of the gymnasium which are to be constructed of maple. The gymnasium walls will be unfinished and those in the rest of the building plastered.

The structure will contain, beside the gym and auditorium, a stage, office, locker rooms, showers and toilets.

Windows will be of the awning type. Plumbing and electrical work is to be installed under the contract, the steam heat being piped from the high school plant. Plans are being prepared by Architect Howard Perrin of Klamath Falls.

The reconstruction of three Oakland schools is provided for with a grant of $27,000 to the Oakland School District for work costing $60,000.

Work to be done includes a frame school auditorium on the grounds of Montclair School; alterations to present Chabot School including completion of heating and wiring systems in the new auditorium at the Sherman School.

Plans have been prepared by Architect Will G. Corlett of Oakland.

Southern California projects for which grants were approved yesterday, including the amount of grants and estimated costs, follow:

Grant of $41,850 to the City of Beverly Hills for improvements to waterworks system to cost $93-000.

Grant of $10,215 to the Needles Elementary School District in San Bernardino County for school reconstruction work to cost $22,700.

BIDS NOV. 24 ON HOSPITAL

SACRAMENTO, Oct. 27. — Bids for construction of three units of Camarillo State Hospital, comprising two-story reinforced concrete ward buildings, will be received November 24, State Architect Geo. B. McDougall announced today. The contract will include also construction of a garage building and an addition to the existing boiler plant for a cold storage unit. Bids will be received on five segregations: (1) General work; (2) Electrical; (3) Plumbing; (4) Heating and ventilating; (5) Refrigeration.

Bids will be opened the same day for constructing a State Highway Division maintenance station at Bakersfield, consisting of three frame buildings.

Board Appropriates Engineer's Salary For City Bureau

Shipments of distillate oil burners amounted to 49,809 for August, 1936, more than doubling the August, 1935, figure of 23,935, the Bureau of Census reports.

An ordinance appropriating $2,-640 the salary of a structural engineer for the Bureau of Building Inspection has been passed on second reading by the San Francisco Board of Supervisors and is slated for final passage November 9.

The original ordinance calling for a structural engineer and two structural engineer inspectors was returned to the finance committee last week where the bill was revised omitting the two inspectors.

STATE REGISTER LISTS 24,000 AS CONTRACTORS

High Renewal Percentage Evidences Healthy Condition In Industry

Copies of the official state register of contractors, listing names and addresses of more than 24,000 contractors whose licenses are active, have been placed in the mail by Registrar of Contractors Earl S. Anderson. This volume of the directory contains listings arranged alphatbetically and is complete to September 1, 1936. Supplements will be issued to directory subscribers listing additional lisenses issued during the year. A separate volume of the register will be published at a later date, with listings in geographical arrangements by counties and classified according to type of contracting.

The distribution of contractors by broad classifications as of September 15, when 24,358 licenses were active, is reported by Assistant Registrar Glen B. Slater as follows:

General Engineering	1,177
General Building	7,794
Specialty Contractors	14,803
Speculative Builders	417
Unclassified	167
Total	24,358

"Registration at the close of the last fiscal year, June 30, 1936, stood at 26,234, an increase of 3,-535 licensed contractors, representing a 13.4 per cent gain," Mr. Slater states. "Of the 26,234 licenses last year, 20,408, or 89.9 per cent were renewals from the fiscal year ended in 1935. That was the highest renewal percentage the board has experienced since the enactment of the Contractors' License Law, although from present indications the renewal percentage will be higher this year.

"The renewal proportions are significant in that they show the turnover in the industry is being reduced, indicating a more stabilized situation. The renewals to date for the present fiscal year already total 21,846 representing 83.3 per cent of last year's contractors, and from previous experience records renewals should increase almost 10 per cent during the balance of the year. New applications for this year at the time of publication of this report totaled 2362 which figure is ahead of the registration of new licenses at the same time last year."

ASK INCREASE FOR STEEL WORKERS

Sacramento Building Trades Council has asked the city board of education to approve a new wage scale for steel workers on school district contracts. The unions ask $1.50 an hour for structural steel workers and $1.25 for reinforcing steel workers.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2186	Smith	Owner	12500
2187	Thorinson	Owner	3500
2189	Johnson	Owner	4500
2190	Rued	Owner	2500
2191	Hamill	Jensen	10000
2192	Mariani	Coburn	3000
2188	Carraro	Carraro	3000
2193	Cryer	Wagner	10000
2194	Brown	Aetna	1000
2195	Appleton	Owner	1500
2196	Law	Owner	2500
2197	Spediacci	Owner	2600
2198	Hoberg	Owner	3000
2199	Stelling	Sartoris	1000
2200	Campanelli	Rome	1500
2201	Wilson	Owner	2000
2202	Grahn	Owner	2800
2203	Stewart	Newman	5000
2204	Lindsay	Owner	4000
2205	Mende	Reco	4000
2206	Patane	Owner	1000
2207	Golden	Owner	5500
2208	Doelger	Owner	4000
2209	Doelger	Owner	4000
2210	Doelger	Owner	4000
2211	Doelger	Owner	4000
2212	Doelger	Owner	4000
2213	Doelger	Owner	4000
2214	S. F.	Owner	60000
2215	Wright	Early	3000
2216	Stetson	Oswald	32000
2217	Lanier	Bay	5000
2218	Jost	Corbell	2750
2219	Jost	Corbell	2750
2220	Market	Owner	4000
2221	General	Cahill	15000
2222	Redlick	Petersen	3980
2223	Whedon	Papenhausen	16000
2224	Fuller	Wilhelm	2850
2225	Hessian	Petersen	1950
2226	Wolter	Owner	5000
2227	Stoneson	Owner	3500
2228	Tilton's	Mullen	1385
2229	Twin	Lee	1800

APARTMENT HOUSE
(2186) NE 46TH AVE. AND WAWONA. One-story frame apartment house.
Owner—C. Laurence Smith, care Architect.
Architect—Conrad T. Kett, 519 California. $12,500

DWELLING
(2187) W. 24TH AVE., 275 S VICENTE. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave.
Architect—Not Given. $3500

DWELLING
(2188) S. UNDERWOOD, 375 EAST OF LANE. One-story and basement frame dwelling.
Owner—G. Carraro, 750 Felton.
Contractor—G. Carraro & Sons, 750 Felton.
Architect—Not Given. $3000

DWELLING
(2189) E. LUNADO COURT, 45 S ALLEY. Two-story and basement frame dwelling.
Owner—Nils E. Johnson, 666 Mission.
Architect—C. O. Clausen, 746 46th Ave. $4,500

DWELLING
(2190) 2710 FILBERT. Alter dwelling.
Owner—M. Rued, Prem.
Architect—Bakewell & Weihe, 251 Kearny. $2500

DWELLING
(2191) S. BAY, 225 E. HYDE. Two-story and basement frame dwelling.
Owner—J. M. Hamill, care Architect.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market.
Architect—William Wilson Wurster, 260 California. $10,000

ALTERATIONS
(2192) 3350 MISSION ST Alter theatre.
Owner—W. A. Mariani, 2048 Market.
Contractor—Ira W. Coburn, 2048 Market.
Architect—Not Given. $3,000

ALTERATIONS
(2193) SW COR. GEARY & MASON. Alter stores.
Owner—Mary Cryer, Care Crocker First National Bank.
Contractor—George Wagner, 181 So. Park.
Architect—Not Given. $10,000

ALTERATIONS
(2194) 21 18TH AVE. Alter dwelling.
Owner—W. Brown, Prem.
Contractor—Aetna Construction Co., 1730 24th Ave.
Architect—Not Given. $1000

ALTERATIONS
(2195) 230 LOWELL STREET. Alter apartments.
Owner—M. R. Appleton, Prem.
Architect—Not Given. $1500

ALTERATIONS
(2196) 702 GRANT. Alter restaurant.
Owner—Chas. P. Law, 756 Sacramento.
Architect—I. Goldstine, 1200 Oak St. $2,500

DWELLING
(2197) W. CONDON, 80 S NEY ST. One-story frame dwelling, with basement.
Owner—F. Spediacci, 218 Ney St.
Architect—Not Given. $2,600

ALTERATIONS
(2198) 215 CASTRO. Alter dwelling.
Owner—Ingemar E. Hoberg, 635 18th Ave.
Architect—William W. Wurster, 260 California St. $3,000

ALTERATIONS
(2199) SE 26TH AVE & LAWTON. Alter stores.
Owner — Martin Stelling, Jr., 155 Montgomery.
Contractor—Peter Sartoris, 681 Market.
Architect—Earle B. Bertz, 681 Market. $1000

ALTERATIONS
(2200) 353 COLUMBUS AVE. Alter restaurant.
Owner—R. Campanelli, 1451 Jefferson.
Contractor—Rome Carpenter Shop, 1659 Powell. $1,500

ALTERATIONS
(2201) SW TAYLOR and Turk Sts. Alter hotel.
Owner—A. W. Wilson, Hotel Bristol.
Contractor—Not Selected.
Architect—G. A. Lansburgh 321 Bush Street.
Engineer—W. Adrian, 419 Market St. $2,000

DWELLING
(2202) E NUEVA 200 S Blanken. One - story and basement frame dwelling.
Owner and Builder—W. H. Grahn, 2965 Mission Street.
Architect—Not Given. $2,800

ALTERATIONS
(2203) 3146 MISSION Street. Alter public garage.
Owner—Stewart Chevrolet Co., 3146 Mission Street.
Contractor—C. C. Newman 507 Brannan Street. $5,000

DWELLING
(2204) W 42nd AVE. 111 N Point Lobos. One-story and basement frame dwelling.
Owner and Builder—Boyd C. Lindsay, 183 Oxford.
Architect—Not Given. $4,000

DWELLING
(2205) W MALLORCA Way 60 N Capra. One-story and basement frame dwelling.
Owner—Mende Corp., 1136 Clement.
Contractor—Reco Corp. 1136 Clement.
Architect—Not Given. $4,000

ALTERATIONS
(2206) SW SHAFTER and Keith. Alter dwelling.
Owner and Contractor—Paul Patane 1497 Shafter.
Architect—Not Given. $1,000

ALTERATIONS
(2207) NW TAYLOR and Golden Gate Ave. Alter theatre.
Owner—Golden Gate Bldg., premises.
Contractor—Not Selected.
Architect—G. A. Lansburgh, 321 Bush Street.
Engineer—W. Adrian, 419 Market St. $5500

DWELLING
(2208) N KIRKHAM, 95 W 39TH AVE. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given. $4000

DWELLING
(2209) E. 34TH AVE., 25 S KIRKHAM. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given. $4000

DWELLING
(2210) N. KIRKHAM, 95 E. 40TH AVE. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given. $4000

DWELLING
(2211) SE. COR. 34TH AVE. AND KIRKHAM. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given. $4000

DWELLING
(2212) E. 34TH AVE., 50 S KIRKHAM. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given $4000

DWELLING
(2213) E. 34TH AVE., 75 S KIRKHAM. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given $4000

GRANDSTAND
(2214) FULTON - GROVE - LARKIN - McALLISTER. Grandstand.

Owner—S.F. Bay Bridge Commission, City Hall.
Architect—Not Given. $60,000

ALTERATIONS
(2215) NW SACRAMENTO AND POLK. Alter stores and offices.
Owner—Norman S. Wright Co., care Contractor.
Contractor—Fred J. Early, Jr., 369 Pine St.
Engineer—H. P. Hoyt, 325 Fremont. $3000

DWELLING
(2216) N. BROADWAY, 100 WEST BUCHANAN. Two - story and basement frame dwelling.
Owner—Harry N. Stetson, 1014 Mills Bldg.
Contractor—J. B. Oswald, 1150 Industrial.
Architect—W. Voorhies, Inc., Burlingame. $32,000

DWELLING
(2217) W. 33RD AVE., 175 SOUTH JUDAH. One-story and basement frame dwelling.
Owner—Henry C. Lanier, 1103 Stanyan
Contractor—Bay Cities Bldg. Co., 160 Russ St.
Architect—C. O. Clausen, 746 46th Ave. $5000

DWELLING
(2218) E. BEVERLY, 88 S GARFIELD. One-story and basement frame dwelling.
Owner—F. Jost, 1395 Haight.
Contractor—Corbell Realty Co., 1395 Haight St.
Architect—Not Given. $2750

DWELLING
(2219) E. BEVERLY, 113 S GARFIELD. One-story and basement frame dwelling
Owner—F. Jost, 1395 Haight.
Contractor—Corbell Realty Co., 1395 Haight.
Architect—Not Given. $2750

WIDEN SIDEWALKS
(2220) E. TAYLOR AT MARKET ST. Widen sidewalks.
Owner—Market and Taylor Bldg., Prem.
Architect—Not Given $4000

ALTERATIONS
(2221) CARROLL & NEWHALL. Alter brewery.
Owner—General Brewing Corp., 2601 Newhall.
Contractor—Cahill Bros., Inc., 206 Sansome.
Architect—Fred Meyer, Kohl Bldg.
Engineer—C. H .Snyder, 251 Kearny. $15,000

ALTERATIONS
(2222) SE MISSION AT 17TH. Alter store.
Owner—Redlick-Newman Furniture Co., Prem.
Contractor—Antone Petersen & Sons, 2758 San Bruno.
Architect—Not Given. $3980

DWELLING
(2223) E. SAN ANDREAS, 60 S SAN ANSELMO. Two-story and basement frame dwelling.
Owner—John Whedon, 21 Yerba Buena.
Contractor — H. Papenhausen, 595 Victoria.
Architect—William Wilson Wurster, 260 California. $16,000

ALTERATIONS
(2224) SW COR. BEALE & MISSION. Alter store and warehouse.
Owner—A. P. Fuller & Co., 301 Mission.
Contractor—A. Wilhelm, 666 Mission.
Architect—Not Given. $2850

ALTERATIONS
(2225) 5112 GEARY BLVD. Alter restaurant.
Owner—B. Hessian, Prem.
Contractor—Antone Petersen & Sons, 2758 San Bruno.
Architect—Not Given. $1950

DWELLING
(2226) W. MAYWOOD, 718 FT OFF BRENTWOOD. Two-story and basement frame dwelling.
Owner—Paul A. Wolter, Jr., 190 Maywood.
Architect—Earl McDonald, 110 Sutter St.

DWELLING
(2227) SE CAYUGA, 142 SW NIAGARA. One-story and basement frame dwelling.
Owner—Stoneson Bros., Sloat Blvd.
Architect—Not Given. $3500

ALTERATIONS
(2228) 844 MARKET. Alter store.
Owner—Tilton's, Prem.
Contractor—Mullen Mfg. Co., 60 Rausch St.
Architect—Not Given. $1385

ALTERATIONS
(2229) 158 WAVERLY PLACE. Alter restaurant.
Owner—Twin Dragons, Prem.
Contractor—Sun Lee, 113 Waverly Place.
Architect—Not Given. $1800

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1628	Marcom	Millar	12250
1629	Call	Coburn	5000
1230	Home	Gabriel	4000
1231	Howard	Windsor	14000
1232	Dalziel	Walstrom	19600
1233	Pradels	Fleming	1045
1634	Alberti	Owner	1000
1635	Kings	Morgan	2500
1636	Smith	Owner	1400
1637	Goldmans	Kulchar	5000
1638	Railway	Kent	2400
1639	Miller	Reynolds	4000
1640	Wolff	Owner	4250
1641	Wolff	Owner	3750
1642	Ward	Owner	3000
1643	Magruder	Owner	4500
1644	Smith	Owner	2000
1645	Traub	Griffith	4500
1646	Assoc.	Owner	6000
1647	Adams	Anderson	5500
1648	Hill	Andersen	12960
1649	Walts	Tollifsen	3750
1650	Sorensen	Owner	2300
1651	Arton	Almquist	7500
1652	Dorward	Anderson	14000
1653	Cummings	Armstrong	7000
1654	Everest	Armstrong	11800
1655	Carmichael	De Chine	7000
1656	Scammell	Owner	5000
1657	Owl	Dunn	20000
1658	Paramount	Soder	2500
1659	Furbush	Owner	4500
1660	Land	Frethy	6000
1661	Gunther	Shapero	6200
1662	Loeb	Schulz	15000
1663	Shattuck	Tulloch	20200
No.	Owner	Contractor	Amt.
1664	Owens	Pittsburg	10330
1665	Gonig	Rose	3000
1666	Alameda	Owner	4000
1667	Green	Whalin	1000
1668	Bonds	Owner	6000

APARTMENTS
(1628) 371-A-B-C VERNON ST., OAKLAND. Two-storv 20-room apartments.
Owner—J. Marcom, Prem.
Contractor—Millar White Const. Co., 306 15th St.
Architect—Not Given. $12,250

REPAIRS
(1629' 4001 SAN LEANDRO ST., OAKLAND. Fire repairs.
Owner—Call Furniture Co., Prem.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco.
Architect—Not Given. $5000

DWELLING
(1630) 4426 STEELE ST., OAKLAND. One-story 5-room dwelling.
Owner—Home Loan Security Co., 1447 Franklin St.
Contractor—Walter N. Gabriel. 1447 Franklin St.
Architect—Not Given. $4000

APARTMENTS
(1231) 2200-04 IVY DRIVE, OAKLAND. Two - story 14-room apartments.
Owner—Mrs. Clara Howard, Prem.
Contractor—Geo. Windsor. 928 Kingston Ave.
Architect—Not Given. $14,000

DWELLING
(1232) 5844 MARGARITE DRIVE, OAKLAND. Two-story 8-room dwelling.
Owner—Anstruther Dalziel, Prem.
Contractor—Carl Walstrom, 1447 Excelsior Ave.
Architect—C. W. Mayhew, 6026 Acacia Ave. $19,600

ALTERATIONS
(1233) 411 45TH ST., OAKLAND. Alterations and additions.
Owner—Emile Pradels, 418 44th St.
Contractor—John Fleming, 2712 14th Ave.
Architect—Not Given. $1045
Also 1-story garage, $200.

ALTERATIONS
(1634) 342 105TH AVENUE, OAKLAND. Alterations and addition.
Owner & Builder—A. Alberti, Prem.
Architect—Not Given. $1000

ADDITION
(1635) 3900 BROADWAY, OAKLAND. One-story brick addition.
Owner—Kings Daughters Home, Prem.
Contractor — F. C. Stolte Co., 1405 San Antonio Ave., Alameda.
Architect—Julia Morgan, Merchants Exchange Bldg., San Francisco. $2500

DWELLING
(1636) 352 VICENTE ROAD, OAKLAND. One-story 3-room dwelling.
Owner & Builder—L. D. Smith, 331 Vicente Road.
Architect—Not Given. $1400

ALTERATIONS
(1637) 511 14th ST., OAKLAND. Alterations.
Owner—Goldmans, Inc., Prem.
Contractor—S. Kulchar Co., 731 E. 10th St.
Architect—Not Given. $5000

COMFORT STATION
(1638) 4095 PIEDMONT AVENUE, OAKLAND. One-story 3-room comfort station.
Owner—Railway Equip. & Realty Co., 22nd and Grove Sts.
Contractor—Kelly & Tulloch, 335 8th St.
Architect—Kent & Hass, San Francisco. $2400

ADDITION
(1639) 2411 GROVE STREET, OAKLAND. One-story brick addition.
Owner—A. Miller, 359 17th St.
Contractor—R. Norris, 359 17th St.
Architect—M. Reynolds, 269 Monte Vista Ave. $4000

DWELLING
(1640) 3231 5th AVE., OAKLAND. One-story 6-room dwelling.
Owner & Builder—P. A. Wolff, 4514 E. 14th St.
Architect—Not Given. $4250

DWELLING
(1641) 3243 55th AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—P. A. Wolff, 4514 E. 14th St.
Architect—Not Given. $3750.

DWELLING
(1642) 2741 MOUNTAIN BLVD., OAKLAND. One-story 5-room dwelling.
Owner & Builder—R. A. Ward, 2245 Santa Rita St.
Architect—Not Given. $3000

DWELLING
(1643) 5970 BRUNS DR., OAKLAND. One-story 6-room dwelling.
Owner & Builder—Cora C. Magruder, 77 Linda Ave.
Architect—Not Given. $4500

DWELLING
(1644) 6408 HEATHER RIDGE WAY, OAKLAND. One-story 3-room dwelling.
Owner and contractor, Chandler Smith, 708 Landvale Road.
Architect—Not Given. $2000

DWELLING
(1645) 1801 DURANT AVE., OAKLAND. One-story 5-room dwelling.
Owner—Walter Traub, 2806 Modesto Ave.
Contractor—C. W. Griffith, 1537 7th Ave.
Architect—Not Given. $4500

SERVICE STATION
(1646) 1900 PARK BLVD., OAKLAND. One-story steel service station.
Owner and Contractor—Associated Oil Co., 79 New Montgomery St., San Francisco.

(1647) 3800 REDWOOD RD., OAKLAND. Two-story 6-room dwelling.
Owner—C. Robert Adams, 62 Farragut Ave., Piedmont; contractor, T. W. Anderson, 2111 Ashby Ave., Berkeley.

STORE BUILDING
(1648) 3247 LAKESHORE AVE., OAKLAND. One-story concrete store building.
Owner—Clarence M. Hill, Prem.
Contractor—A. Frederick Andersen, 6706 Outlook Ave.
Architect—Miller & Warnecke. $12,960

DWELLING
(1649) 2821 FRUITVALE AVENUE, OAKLAND. One-story 5-room dwelling.
Owner—F. C. Walts, 2427 38th Ave.
Contractor—C. Tollifsen, 1720 39th Ave.

GARAGE
(1650) 1201 45th AVE., OAKLAND. One-story brick garage.
Owner and Builder—H. A. Sorensen, Prem.
Architect—Not Given. $2300

RESIDENCE
(1651) 55 WILDWOOD GARDENS, PIEDMONT. Two-story 6-room residence and garage.
Owner—Mrs. E. A. Axton, 51 Wildwood Gardens.
Architect—F. H. Slocombe, 4127 Piedmont Ave.
Contractor—T. M. Almquist. $7,500

RESIDENCE
(1652) 110 SOMERSET RD., PIEDMONT. Two-story 10-room residence and garage.
Owner—Fred M. Dorward, 738 Longridge Road.
Architect—Frederick Confer, Berkeley.
Contractor—Geo. W. Anderson, 211 Hanover St. $14,000

DWELLING
(1653) 6351 CONTRA COSTA RD., OAKLAND. Two-story 6-room dwelling.
Owner—J. Cummings, Prem.
Contractor—J. R. Armstrong, 1131 Fleet Road.
Architect—Not Given. $7000

DWELLING
(1654) S DRAKE DR, 200 E SNAKE RD., OAKLAND. Two-story 6-room dwelling.
Owner—Geo. Everest, Prem.
Contractor—J. R. Armstrong, 1131 Fleet Road.
Architect—T. L. Confer, Berkeley. $11,800

DWELLING
(1655) 1300 MOUNTAIN BLVD., OAKLAND. Two-story 7-room dwelling.
Owner and Builder—H. E. Carmichael, 6019 Aspinwall Road.
Architect—E. R. De Chenne, 364 14th St. Also 1-story garage, $150. $7000

DWELLING
(1656) 2532 CORDOVA ST., OAKLAND. One-story 6-room dwelling
Owner and Builder—J. W. Scammell, 3161 Fruitvale Ave.
Architect—Not Given. $5000

ALTERATIONS
(1657) 1132 WASHINGTON ST., OAKLAND. Alterations.
Owner—Owl Drug Co., 657 Mission St., San Francisco.
Contractor—Louis C. Dunn, Inc., 681 Market St., San Francisco
Architect—Not Given. $20,000

GARAGE
(1658) 3451 PIEDMONT AVENUE, OAKLAND. One-story brick garage.
Owner—Paramount Hotel Co., 3451 Piedmont Ave.
Contractor—Oscar Soder, 841 Arlington St $2500

OFFICE BUILDING
(1659) 9029 E. 14TH ST., OAKLAND. One-story office building.
Owner and Builder—Dr. Claude G. Furbush, 4050 Sequoyah Road.
Architect—Not Given. $4500

DWELLING
(1660) 5027 PROCTOR AVE., OAKLAND. Two-story 6-rom dwelling.
Owner—Geo. B. Land, Prem.
Contractor—Elmer J. Freethy, 1301 Rosevelt Ave., Richmond
Architect—Not Given $6000

DWELLING
(1661) 1455 ARCH, BERKELEY. Two-story 6-room frame dwelling and garage.
Owner—C. E. Gunter, 1598 San Lorenzo.
Contractor—S. M. Shapero, 2014 Shattuck.
Architect—J. B. Anthony, 2014 Shattuck $6200

DWELLING
(1662) 1565 LA VAREDA, BERKELEY. Two-stry 10-rom frame dwelling and garage.
Owner—E. H. Loeb, 2163 Center.
Contractor—H. K. Schulz, 811 Mendocino Ave
Architect—M. Goodman, 2163 Center. $15,000

ALTERATIONS
(1663) 14 SHATTUCK SQUARE, BERKELEY. Alterations.
Owner—Shattuck Imp. Co., 111 Sutter St., San Francisco.
Contractor—J. F. Tulloch, 335 8th St., Oakland.
Architect—Chas. McCall, Atco Bldg., Oakland. $20,200

STEEL TANK
(1664) N. ALAMEDA AVE., 300 E Fruitvale Ave., Oakland. Steel tank.
Owner—Owens Illinois Pacific Coast Co., 15th and Folsom Sts., San Francisco.
Contractor — Pittsburg-Des Moines Steel Co., 629 Rialto Bldg., San Francisco.
Architect—Not Given. $10,330

ALTERATIONS
(1665) 1729 E. 14TH ST., OAKLAND. Alterations and repairs.
Owner—A. Gonig, Prem.
Contractor—A. H. Rose, 478 25th St.
Architect—Not Given. $3000

REPAIRS
(1666) 1622 HARRISON ST., OAKLAND. Repairs.
Owner & Builder—Alameda Investment Co., Financial Center Bldg.
Architect—Not Given. $4000

ALTERATIONS
(1667) 909 McKINLEY AVE., OAKLAND. Alterations.
Owner—W. W. Green, Prem.
Contractor—Whalin Bros., 2942 23rd Ave.
Architect—Not Given. $1000

DWELLING
(1668) 450 VERMONT, BERKELEY. Two-story 6-room frame dwelling, and garage.
Owner & Builder—Milton S. Bonds, 583 Spruce.
Architect—Not Given. $6000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
158	Hearst	Stolte	15000
156	Schmidt	Radelfinger	3250
157	Goldberg	Duerner	1832

ELECTRICAL WORK
(156) SECOND and Bryant Sts. Electrical work for lighting the pyramid and tower of building.
Owner—Schmidt Lithograph Co., Inc. Second and Bryant Streets.
Engineer — Jesse Rosenwald, 525 Market Street.
Contractor—Samuel M. Radelfinger, 544 Natoma Street.
Filed and Dated, October 23, 1936. Payments on completion of contract.
TOTAL COST, $3,250
Limit, Nov. 10. Plans and specifications filed.

ALTERATIONS
(157) 1069 MARKET. Alter theater.
Owner—Aaron Goldberg, Golden Gate Bldg., San Francisco.
Architect—F. Frederic Amandes.
Contractor — William Duerner, as Aetna Constr. Co., 301 Evergreen St., San Francisco.
Filed Oct. 24, '36. Dated Oct. 22, '36.
75% each week.
25% usual 35 days.
TOTAL COST, $1,832
Bond, $1,832. Surety, Warden Bros. Limit, Fifteen days. Plans and specifications filed.

BUILDING
(158) W SIDE OF BAY VIEW PARK. One-story and basement concrete and frame transmitting building.
Owner—Hearst Radio, Inc., Hearst Bldg., San Francisco.
Architect—Julia Morgan, Merchants Ecxhange Bldg.
Contractor—F. C. Stolte Company, 3455 Laguna Ave., Oakland.

Filed Oct. 28, '36. Dated Oct., 1936.
75% on 8th of each month.
25% usual 35 days.
TOTAL COST, $15,000
Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
145	Ogaard	Holyoke	9369
146	Gosline	Haskell	7886
147	Powell	McKinney	2301

RESIDENCE
(145) PROSPECT, NEAR SIMON ST., HAYWARD. Residence.
Owner—Hans Ogaard, Prospect, nr. Simon St., Hayward.
Architect—Geo. P. Simonds, 80 Main St., Hayward.
Contractor—Arthur Holyoke, 2839 East Ave., Hayward.
Filed Oct. 22, '36. Dated Oct. 21, '36.
5th day after roof on.....$2342.00
5th day after brown plastd... 2342.00
5th day after completion..... 2342.00
Usual 35 days..... 2343.26
TOTAL COST, $9,369.26
Limit, 120 days. Plans and specifications filed.

DWELLING
(146) LOT 9, BLK. 18, DALEY'S SCENIC PARK, BERKELEY. Two-story and basement frame dwelling, and garage.
Owner—James E. and Lola Marie Gosline.
Architect—Williams & Wastell. 317 17th St., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway, Oakland.
Filed Oct. 27, '36. Dated Oct. 26, '36.
Floor joists in place.....$788.60
Roofing complete, plumbing and wiring 1557.20
Plastered 1971.50
Completion 1971.50
Completion 1971.50
Usual 35 days.....1577.20
TOTAL COST, $7886.00
Limit, 90 days. Plans and specifications filed.

ADDITIONS
(147) 1811 MORELAND DR., ALAMEDA. Additions and alterations.
Owner—Mrs. W. K. Powell, Prem.
Contractor — McKinney & Johnson, 5829 Marshall St., Oakland.
Filed Oct. 28, '36. Dated Oct. 20, '36.
Roof on $500.00
Plastered 500.00
Completion 725.40
Usual 35 days..... 576.00
TOTAL COST, $2301.40
Bond, $1200. Sureties, C.I. Gilbert and S. C. Forsey. Limit, 45 days. Plans and specifications filed.

SAN FRANCISCO CO., UNDER $1000

SIGN, electric, $200; 515 Pine; owner, Associated Oil Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.
SHED, 1-story frame, $450: Cor. Jerrold and Upton; owner, George Windeler Co., Ltd., 2201 Jerrold Ave.
ALTER bulkhead, $500; S. Evans, bet. Quint and Phelps; owner, Norton Wool Co., 1600 Fairfax; contractor, H. E. Rahlmann Co., 251 Kearny.
BILLBOARD, $13; Fulton and Stanyan; owner, Foster and Kleiser Co., 1675 Eddy St.
SIGN, electric, $100; SW Cor. Van Ness and Pacific; owner, Mohawk Gas Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.
SIGN, electric, $100; 458 Columbus; owner, Columbus Inn, Prem.; contractor, Wonderlite Neon Products Co., Inc., 170 Otis.
ALTER flats, $400; SE Turk and Larkin; owner, Barsocchini and Arata, 480 2nd St.; contractor, Western Iron Works, 141 Beale.
SIGN, electric, $200; 395 Hayes; owner, City Hall Market, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.
ALTER apartments, 2255 Lake St.; owner, Mr. Condit, Prem.
ALTER restaurant, $700; 2425 Mission; owner, Chas. Thiery, Prem.
ALTER store, $600; 217 Powell St.; owner, See's Candies, 160 10th St.
ALTER dwelling, $400; 1542 Church; owner, H. Andrews, Prem.; contractor, E. O. Risu, 528 Douglas.
ALTER market, $400; 1028 Grant Ave.; owner, Mr. Tong, Prem.; contractor, Shang Git & Co., 145 Waverly Place.
SIGN, electric, $150; 288 Turk; owner, E. Sanfilepe, Prem.; contractor, Wonderlite Neon Products Co., Inc., 170 Otis.
SIGN, electric, $40; 2174 Mission; owner, W. Koblick, Prem.; contractor, American Electric Sign Co., 1740 Eddy St.
ALTER flats, $125; 353 Haight St.; owner, G. Reipley, Prem.
ALTER dwelling, $250; 2737 Clay St.; owner, Israel Greenstein, 2741 Clay St.
ALTER dwelling, $900; 2024 Oakdale; owner, John Boerboom, Prem.; contractor, E. Quistad, 184 Carl St.
SIGN, metal, $75; 2464 Mission St.; owner, Blum's, Prem.; contractor, L. Goldberg, 1085 Golden Gate Ave.
BILLBOARD, $13; 19th and Judah; owner, Foster and Kleiser Co., 1675 Eddy St.
ALTER store and flats, $250; 897 Elizabeth; owner, R. M. Haight, 3366 22nd St.
SIGN, electric, $250; 549 Geary St.; owner, Oliver Twist, Prem.; contractor, Wonderlite Neon Products Co., Inc., 170 Otis.
ALTER store and flats, $550; 1275 9th Ave.; owner, Thos. F. Loftus, 210 27th Ave.
SIGN electric, $400; Mission and Valencia; owner, Gilmore Oil Co., premises; contractor, Wonderlite Neon Mfg. Co., Ltd., 170 Otis St.
SIGN electric, $200; 1075 Golden Gate Ave.; owner, Golden State Garage, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.
SIGN, electric, $400; 200 Ellis St.; owner, Basch's Drugs, premises; contractor, QRS Neon Corp., Ltd. 690 Potrero.
FLUE, $54; 227 16th Ave.; owner, Lloyd Thomas, premises; contractor, Excelsior Sheet Metal Works, 4260 Mission St.
SIGN, electric, $125; 441 Jones St.; owner, Harry's Place, premises; contractor, Novelty Electric Sign Co., Ltd., 66 Washburn.
SIGN, electric, $100; 415 Golden Gate Ave.; owner, Val's, premises; contractor, Novelty Electric Sign Co., Ltd., 66 Washburn.
SIGN, electric, $200; 819 Mission St.; owner, Acme Hotel, premises; contractor, QRS Neon Corp., Ltd. 690 Potrero.
SIGN, electric, $400; 1398 California St.; owner, Conrad Drugs, premises; contractor, QRS Neon Corp. Ltd., 690 Potrero.
SHED, 1-story frame, $50; 146 Cayuga; owner, Ethel Peterson, 146 Cayuga.
SIGN, electric, $175; 1716 Post St.; owner, Kum Foi Low, premises; contractor, Novelty Electric Sign Co., Ltd., 66 Washburn.
ALTER mill house, $250; 3168 26th St.; owner, Joe Schnick, 2663 21st Ave.; contractor, Norman Nelson, 234 Naples.
RETAINING wall, $500; SE California and Van Ness Ave.; owner, Somers Paterson, premises; contractor, Cahill Bros., 206 Sansome St.
ALTER bleachers, $700; 15th and Valencia; owner, S. F. State College, Waller and Buchanan.
SIGN, electric, $400; 99 9th Street; owner, David's Drug Store, 99 9th St.; contractor, QRS Neon Corp., Ltd., 690 Potrero.
SHED, 1-story frame, $200.00; 1434 Lawton St.; owner, Robt. P. Kelly, 1434 Lawton St.
ALTER apts., $75; 725 Ellis; owner, J. Gibbs Sons, 1706 Geary St.
SIGN, electric, $150; 638 4th St.; owner, Smith Glass Co., premises contractor, Novelty Elec. Sign Co., Ltd., 66 Washburn.
ALTER private garage, $80.00; 540 Grove St.; owner, Vincent Giacosa, 529 Fulton St.
ALTER flats, $550; 911 Steiner St.; owner, P. M. Dubost, 1639 Washington St.
SIGN, electric, $400; 817 Market St.; owner, Stevens, premises; contractor, QRS Neon Mfg. Co., Ltd. 690 Potrero.
ALTER flats, $250; 2488 Geary St.; owner, Fred Ruoff, care contractor; contractor, A. L. Thulin, 63 Brady St.
FLUE, $50; 288 Turk St.; owner, N. Pantero, premises; contractor, F. Calderoni, 775 Broadway.
ALTER dwelling, $300; 128 10th Ave. owner, T. J. Hennessy, premises; contractor, Roy Lind, 54 Stanton.
FLUE, $66; 288 Golden Gate Ave.; owner, C. Beall, premises; contractor, Excelsior Sheet Metal Works, 4260 Mission St.
SIGN, electric, $200; 819 Mission St.; owner, Acme Hotel, premises; contractor, QRS Neon Mfg. Corp. Ltd., 690 Potrero.
ALTER flats, $200; 942-44 Divisadero St.; owner, Est. of K. Courueen, care contractor; contractor, A. L. Thulin, 63 Brady St.
FIRE wall, $50; 1159 Post St.; owner, Concordia Club, Post and Van Ness Ave.; contractor, Alfred P. Fisher, 111 Sutter St.
ALTER dwelling, $480; 3861 23rd St.; owner, Mrs. Scalione, 4021 24th St.; contractor, E. J. Lohman, 782 Elizabeth.
GARAGE, private, $200; 1532 Treat Ave.; owner, Pete Lippolis, 1532 Treat Ave.
SIGN, electric, $300; 626 Grant Ave.; owner, Lotus Bowl Cafe, premises; contractor, QRS Neon Corp. Ltd., 690 Potrero.
ALTER flats and stores, $100; NE Dolores and 18th Sts.; owner, Patrick Holland, care contractor; contractor, A. L. Thulin, 63 Brady St.
ALTER restaurant, $20; 1455 Divisadero; owner, Fred W. Meyer, 2160 Geary St.
BARBER pole, $100; 1352 Haight St. owner, C. Demis, premises; contractor, T. N. Kent, 250 3rd St.
STOREHOUSE, 1-story frame, $75; 515 30th St.; owner, B. Casone, premises.

ALAMEDA COUNTY—UNDER $1000

ALTERATIONS, $50; 2750 Park Blvd., Oakland; owner, Irene Hall Minney, Prem.; contractor, Plain & Jarvis, 3721 Allendale Ave.
ADDITION, $350; 9816 Lawlor St., Oakland; owner, Richard Striebel, Prem.; contractor, Geo. A. Hastings, 1963 89th Ave.; also 1-story garage, $100.
ALTERATIONS, $325; 20 Hillwood Place, Oakland; owner, Lawrence C. Ames, Prem.; contractor, Enoch Tranmal, 483 Crescent St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
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8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
APARTMENTS Cont. Pr., $16,825
OAKLAND, Alameda Co., Cal. Park Blvd. and Ivy Drive.
Two-story frame and stucco apartment buildings (two 4-room and one 5-room apartments), shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Howard.
Architect—Irwin M. Johnson, 2215 7th Ave., Oakland.
Contractor — George Windsor, 928 Kingston Ave., Piedmont.

Contract Awarded
APARTMENTS Cost, $12,250
OAKLAND, Alameda Co., Cal. 371-A-B-C Vermont Street.
Two-story frame and stucco apartment building (20 rooms).
Owner—J. Marcom.
Architect—Not Given.
Contractor—Millar White Const. Co. 306 15th Street.

To Be Done By Day's Work
APARTMENTS Cost, $12,500
SAN FRANCISCO. NE 46th Avenue and Wawona.
One - story frame and stucco apartment house.
Owner and Builder—C. L. Smith, % architect.
Architect—Conrad T. Kett, 519 California Street.

To Be Done By Day's Work
APARTMENTS Cost, $12,000
EUREKA, Humboldt Co., Calif. 1612 E Street.
Two-story apartment building (four apts. of 3 rooms each); steam heat, garages.
Owner & Builder—Ernest Pierson, 1140 E St., Eureka.
Architect—Not Given.

Preparing Plans
APARTMENTS Cost, $22,000
BURLINGAME, San Mateo Co., Cal. El Camino Real.
Two-story frame and stucco apartment building (eight 3-rm. apts.) steam heat, oil burning heating system, meatl sash, hardwood floors, tile baths, garage space for 8 cars.
Owner—Not Given.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.

Preparing Plans
APARTMENTS Cost, $14,000
BURLINGAME, San Mateo Co., Cal. El Camino Real.
Two - story frame and stucco apt. building consisting of four apts. (two 4- and two 3-room apts.) hot air heating system, hardwood floors, tile baths, garage space for four cars.
Owner—Not Given.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco

Preparing Plans
APARTMENTS Cost, $35,000
BURLINGAME, San Mateo Co., Cal El Camino Real.
Two - story frame and stucco apt. building consisting of two units of four 3-room apts.; central court, English design, wood sash, hot air heating system, hardwood floors, 8 separate garages in rear yard.
Owner—Not Given.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco

3— CHURCHES

Plans Being Prepared
CHURCH Cost, $15,000
TURLOCK, Stanislaus County.
One - story and basement frame church (chapel, social hall and kitchen.
Owner—Baptist Church.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Plans will be completed in about one week.

Planned
CHURCH Cost, $25,000
ORLAND, Glenn Co., Calif.
Church building.
Owner—Orland Community Church, Orland.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.

Planned
CHURCH Cost, $10,000
CLARKSBURG, Yolo Co., Calif.
New church building (chapel, social hall, Sunday School rooms and kitchen).
Owner—Community Church (Rev. J. R. Rudkin, pastor).
Architect—Not Given.
A building committee will be appointed at the meeting of church directors on November 6.

4— FACTORIES & WAREHOUSES

Contract Awarded
SHEDS Cost, $267,672
SAN FRANCISCO. Piers 9 and 19.
Two reinforced concrete sheds and bulkhead buildings (110x820 ft. each), steel frame, reinforced concrete walls, etc.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Complete bids follow:
Barrett & Hilp, S. F. $267,672
E. T. Lesure, Oakland 273,694
Clinton Constr. Co., S. F. 302,000
MacDonald & Kahn Co., Ltd., San Francisco 329,000
Contract awarded Barrett & Hilp subject to approval by the PWA.

Sub Contracts Awarded
ALTERATIONS Cost, $8,500
SAN FRANCISCO, Calif. NW Sixth and Townsend Sts.
Alterations to packing plant.
Owner—Swift & Company, Chicago, Illinois.
Plans by Engineering Department of Owner.
Contractor—Monson Bros., 475 Sixth Street.
Reinf. Steel—W. S. Wetenhall Co., 17th and Wisconsin Sts.
Concrete — Readymix Concrete Co., Ltd., Carolina and Mariposa Sts.

BIDS WANTED
WHITTIER, Los Angeles, Calif.—Until November 4, 10 a.m., bids will be received by Murphy Ranch Co., 140 N. Greenleaf Ave., Whittier, for construction of reinf. concrete lemon storage building at 901 Whittier Blvd., Whittier. The list of bidders has been closed. Cost, $100,000. W. W. Ache, architect.

CONTRACT AWARDED
VERNON, Los Angeles, Calif.—Ford J. Twaits Co., 806 Architects' Bldg., Los Angeles, awarded contract for construction of one-story brick and reinf. concrete warehouse
The PWA approved award of contract at $1,900 for construction of the garage and pumping house and pumping equipment (Item 1 and on Soto St., between East 57th St. and Fruitland Ave., Vernon, for Las Vegas Land & Water Co.; Sears, Roebuck & Co., lessee. Cost, $400,000. Plans prepared by owner's architectural department and Structural Engineer Oliver G. Bowen

Being Done By Day's Work
WAREHOUSE Cost, $3,500
HOLLISTER, San Benito Co., Calif.
Hay warehouse (70x100 ft.), corrugated iron covering; 10 bins with a capacity for 800 tons of hay; sand and gravel floor
Owner—Lathrop Hay & Grain Company (C. A. Gardner, Manager).
Architect—Not Given.

Contract Awarded
FACTORY Cost, $15,000
SANTA ROSA, Sonoma Co., Calif. 852 Fourth St.
One-story ice cream manufacturing plant (50x72 ft.); store and offices; freezing room, machinery room.
Owner—Sonoma County Ice Cream Co. (S. H. Weeks, Owner & Manager).
Architect—Not Given.
Contractor—W. F. Bohn, Rt. 1, Box 38, Santa Rosa.

Electrical Contract Awarded
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass mfg. plant (brick and insulux glass construction), concrete foundations, corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, vice-president in charge).
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Mgr. of Const.—P. J. Walker Company, Sharon Bldg., San Francisco.
Mechanical Engineer—A. R. McLaren, 611 Howard St., San Francisco.
Electrical Engineers—Kuchel & Sievers, 468 5th St., San Francisco.
Bids on plumbing and steel sash are being held under advisement.
Electrical Work—Kuchel & Sievers, 468 5th St., San Francisco.
As previously reported, sheet metal to Richmond Sheet Metal Works, 520 16th St., Richmond; water sprinklers to Fire Protection Engineering Co., 369 Pine St., S. F.; water tank and tower, to Pittsburgh-Des Moines

Steel Co., Rialto Bldg., S. F.; ventilators to H. H. Robertson Co., 50 Hawthorne St., S. F.: brick and insulux to Larsen & Larsen, 633 Bryant St., San Francisco; Underground Sewage System, Herman Lawson, 465 Tehama St., San Francisco; Readymix Concrete, Transit Concrete Co., Ltd., 6th and Berry Sts., San Francisco.

Concrete work (Building No. 7, Batch Plant) awarded to Barrett & Hilp, 918 Harrison St., San Francisco; structural steel (entire job) to Moore Dry Dock Co., foot of Adeline St., Oakland; piling to Raymond Concrete Pile Co., 333 Montgomery St., San Francisco; excavation, filling and grading to Heafey-Moore Co., 344 High St., Oakland, and chimneys to Alphons-Custodis Chimney Const. Co., New York City.

6—GARAGES & SERVICE STATIONS

Contract Awarded
ALTERATIONS Cost, $6,000
SAN FRANCISCO. 3146 Mission St.
Alter garage.
Owner—Stewart Chevrolet Co., 3146 Mission Street.
Architect—Not Given.
Contractor — C. C. Newman, 507 Brannan Street.

Sub-Contracts Awarded.
SERVICE STATION Cost, $8,500
WATSONVILLE, Santa Cruz Co., Cal. Van Ness Ave. and Wall St.
Steel gasoline service station.
Owner—Joseph Zils, Watsonville.
Architect—Not Given.
Contractor—Friend & Resh 309 Stanford St., Watsonville.
Plumbing—Martin & Gleason, Watsonville.
Electric Wiring—Just-Rite Elec. Co., 311 Van Ness Ave., Watsonville.
Sheet Metal and Iron Grille Work—Michel & Pfeffer, 1415 Harrison St., San Francisco.
Grading and Foundations — Granite Const. Co., Kearny and Walker Sts., Watsonville.
Lumber and Mill Work—Hammond Lumber Co., Walker and Kearny Sts., Watsonville.
Equipment—S. F. Bowser & Co., 468 9th St., San Francisco.

Contract Awarded
SERVICE STATION Cost, $10,000
WATSONVILLE, Santa Cruz Co., Calif. Freedom.
Steel service station.
Owner—F. Scott, Freedom.
Architect—C. J. Ryland, Monterey & Carmel.
Contractor—Frank Darby.
Lessee—Associated Oil Co., 79 New Montgomery St., San Francisco

Bids Wanted—To Close November 24, 2 P. M.
MAINTENANCE STATION
Cost, $.....
BAKERSFIELD, Kern Co., Calif.
Group of three buildings (1-story wood frame office building, board and batten exterior, shake roof; 1-story wood frame truck shelter and shed, corrugated galvanized iron wall and roof covering), and fencing, etc.
Owner—State of California.
Architect—George B. McDougall, State Architect, Public Works Bldg., Sacramento.

Lump sum bids will be received for the work complete, including plumbing and heating, air conditioning, and electrical work.

Plans and specifications obtainable from the office of the architect upon deposit of $25

Plans Being Completed
GARAGE Cost, $900,000
SAN FRANCISCO. Block between Powell and Stockton, Geary and Post Sts. (Union Square).
Two-story garage of reinforced concrete to occupy entire block, constructed below street level (capacity 1100 cars).
Owner—Union Square Garage Corp. (Geo. A. Applegarth, Pres.) Russ Building.
Architect—Geo. A. Applegarth, Russ Bldg.

The corporation is seeking a lease from the San Francisco Park Commission on the site. It is proposed to remove Dewey monument temporarily and replace it and landscaping as required by the Park Commission after the garage structure is completed

7— FEDERAL BUILDINGS

BIDS WANTED
BALBOA, C. Z., & CAPE MALA, R. P.—Until November 25, 11 a.m., new bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8120, for the construction of three 4-family quarters at the Naval Radio Station, Balboa, and of barracks, quarters and compass house at the Naval Radio Station, Cape Mala, R. P. Estimated cost, $90,000.

The work includes concrete construction; brick and hollow tile; steel and iron; metal doors; tile roofing and sheet metal work; metal studding and lathing; plaster and stucco; marble and tile; asbestos shingles; asbestos wall tile; linoleum; carpentry and millwork; screenings; plumbing; water heating equipment; and electrical work.

Specifications obtainable from the above office and from the Commandant, 15th Naval District, Balboa, C. Z., upon deposit of $10.

On previous bid opening lowest bid was submitted by Grebien & Martinz, Panama City, at $130,647.

BIDS OPENED
HOLLYWOOD, Los Angeles Co., Calif.—W. Pearce, 220 W. 42nd St., New York City, at $285, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for concrete curb in driveway and operator for roof scuttle at the U. S. Post Office at Hollywood.
Public Building Contractors, Bronx, N. Y., at $499.94, submitted the only other bid.

CONTRACT AWARDED
McMINNVILLE, Oregon.—Dougan-Hammond Constr. Co., Rothschild Bldg., Portland, at $1,880, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for basement changes, etc., in the U. S. Post Office at McMinnville.

BIDS WANTED
SUMMIT, C. Z.—Until November 25, 11 a.m., new bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 7890, for the construction of a facilities building; four quarters; refrigeration system in the barracks building; and roads and walks at the Naval Radio Station, Summit, C. Z. Estimated cost, $145,000.

The work includes concrete; brick and hollow tile; steel and iron work; tile and built-up roofing; sheet-metal work; metal and metal-covered doors; metal studding and lathing; plaster and stucco; marble and tile work; carpentry and joinery; metal and wood screens; water distribution and sewerage, plumbing, refrigeration and electrical work; and bituminous macadam roads.

Plans and specifications obtainable from the above office and from the Commandant, 15th Naval District, Balboa, upon deposit of $30.

BIDS OPENED
HOLLYWOOD, Los Angeles Co., Calif.—American Sign Co., Washington, D. C., at $489.25, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing electrically lighted bronze directional sign at the U. S. Post Office at Hollywood.

Public Building Contractors, Bronx, N. Y., at $499.74, submitted the only other bid.

BIDS OPENED
SANTA CLARA, Santa Clara Co., Calif.—Studio of Architectural Sculpture, Washington, D. C., at $44, submitted low bid to the Treasury Department, Washington, D. C., for plaster models for the U. S. Post Office at Santa Clara.

The other bids were:
Washington Ornamental Co., Inc., Washington, D. C.—$45.
Lombard & Ludwig, Washington, D. C.—$58.

CONTRACT AWARDED
MARE ISLAND, Cal.—San Francisco Elevator Co., 860 Folsom St., San Francisco, at $3,343.50 awarded contract by the Public Works Officer, Mare Island Navy for providing and installing new gates, safety devices and general repairs to two electric freight elevators, one located in the north end of Bldg. No. 69, and one located in the south end of Bldg. No. 334, at the Mare Island Navy Yard; Spec. No. 8361.

PRELIMINARY PLANS PREPARED
LOS ANGELES, Calif.—Architect John M. Cooper, 6241 W. Sixth St., has prepared preliminary plans for a one-story and part two-story class C building to be erected on the southwest corner of Second and Spring Streets for the Hollenbeck Home, the building to be occupied by the U. S. Post Office department as temporary quarters during the construction of the new Federal building, for which bids were opened October 22. Milo C. Halsey, structural engineer, Pacific Electric Railway Co.

Contract Awarded
POST OFFICE Cont. Pr., $494,330
SAN DIEGO, Calif. Ninth Avenue and E Street.
Two-story and basement reinforced concrete post office building (190 x190 ft.), modified classic design.
Owner—U. S. Government.
Architect—Wm. Templeton Johnson, 1500 San Diego Trust & Savings Bank Bldg., San Diego.
Contractor—M. H. Golden, 404 Calif. Bank Bldg., San Diego.

BIDS WANTED
SANTA CLARA, Santa Clara Co., Cal.—Until Nov. 23 bids will be received by Treasury Dept., Washington, D. C., for plaster models for the U. S. post office at Santa Clara.

BIDS WANTED
BREMERTON, Wash.—Until Nov. 27 bids will be received by Treasury Department, Washington, D. C., for plaster models for the U. S. post office at Bremerton.

BIDS WANTED
CLAREMONT, Los Angeles Co., Cal.—Until Nov. 10 bids will be received by the Treasury Department, Washington, D. C., for furnishing railing and gutters in the U. S. post office at Claremont.

Bids Opened

POST OFFICE AND COURTHOUSE
Cost, $6,250,000
LOS ANGELES, Calif. Spring, Temple and Main Streets.
Sixteen-story U. S. Post Office and Courthouse Building.
Owner—United States Government.
Plans by the Supervisiong Architect, Treasury Department. Washington, D. C.
Consulting Architect — Gilbert Stanley Underwood, 408 South Spring Street, Los Angeles.
Low Bidder—George A. Fuller Co., Munsey Bldg., Washington, D. C. —$5,852,000.

The building will cover a ground area of approximately 140,000 sq. ft. and will be a steel frame structure faced with granite. The appropriation is $6,250,000. The site has frontage of 525 feet on Spring and Main Streets, and 300 feet on Temple St.

Bids were taken as follows:

(1st Alt.)—For construction of the project complete, using granites for all stone facing (Ashlar) to first floor line, for all stone at grade including steps and flagpole bases, and for parapet copings, with ceramic veneer (architectural terra cotta) for all other facing on building, and for free standing columns, all as indicated and specified.

(2nd Alt.)—For construction of the project complete as required under Bid No. 1, but using light buff or light cream limestone in lieu of the ceramic veneer required thereunder and limestone parapet copings in lieu of the granite.

(3rd Alt.)—For construction of the project complete as required under Bid No. 1, but using a light gray granite as specified in lieu of the ceramic veneer required thereunder.

Complete bids follow:

14-Story Building

George A. Fuller Co., Washington, D. C.	(1)	$5,852,000
	(2)	5,927,000
	(3)	6,282,000
Robert E. McKee, Los Angeles, Calif.	(1)	$6,375,000
	(2)	6,450,000
	(3)	6,850,000

15-Story Building

George A. Fuller Co., Washington, D. C.	(1)	$5,987,000
	(2)	6,067,000
	(3)	6,425,000
Robert E. McKee, Los Angeles, Calif.	(1)	$6,520,000
	(2)	6,590,000
	(3)	7,000,000

BIDS WANTED

SACRAMENTO.—Until November 3, 3 p.m., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut.-Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-89, for painting interior and exterior surfaces of Sutter By-Pass Pumping Plants Nos. 1 and 2.

Specifications obtainable from the above office.

CONTRACT AWARDED

SAN DIEGO.—R. V. Morris & Co., 1202 Kettner Blvd., San Diego, at $13,850, awarded contract by the Public Works Office, 11th Naval District, San Diego, under Spec. No. 8341, for an automatic sprinkler system in Dope Shop Bldg. No. 36, at the Naval Operating Base, San Diego.

BIDS WANTED

ALCATRAZ ISLAND, Cal.—Until November 3, 2 P. M., bids will be received by the Department of Justice, Bureau of Prisons, Alcatraz Penitentiary, at Room 214, Post Office Bldg., San Francisco, under Bid No. 808, for repairing 8-inch fresh water pipe line on roof of Building 68, U. S. Penitentiary, Alcatraz Island. Alternate bids will be received for replacing the existing 8-in. with 6-in. fresh water pipe line.

The work involves:

(1). Remove at two places on the present operated 8-in. fresh water pipe line leading from and including an eight-inch valve near junction on roof of Building 68, to a coupling at end of bend (approximately 13 feet) and from another coupling eastward the length of two bends (approximately 29 feet) to coupling, and build at same location a new 8-inch pipe line of standard genuine wrought iron galvanized pipe.

(2). Alternate: Remove the present operated 8-inch fresh water pipe line leading from and including an 8-inch valve at junction "Y" on roof of Building 68, to a point where it joins the "Y" bend entering the concrete storage tanks above roof (as shown on plan herewith, approximately 102 feet of pipe) and build at same location a new 6-inch pipe line of standard genuine wrought iron galvanized pipe with suitable 8-inch to 6-inch reducer fitting.

Bids may be delivered in person to the above office or mailed to the Warden, U. S. Penitentiary, Alcatraz.

Specifications obtainable from the above office.

BIDS REJECTED

MARE ISLAND.—The Bureau of Yards & Docks, Navy Department, Washington, D. C., has rejected all bids received under Spec. No. 8238, for automatic equipment to convert four 300-h.p. oil-fired boilers now installed at the Navy Yard, Mare Island, to full automatic control and operation for both natural gas and fuel oil.

Low bid was submitted to E. A. Cornely, Inc., San Francisco, at $10,-273.

It was previously reported incorrectly that the contract had been awarded the low bidder.

BIDS OPENED

ALCATRAZ, San Francisco Co., Calif.—San Francisco Elevator Co., 860 Folsom St., at $265.75, submitted low bid to the Department of Justice, Bureau of Prisons, Alcatraz Penitentiary, for repairing freight elevator in Model Bldg., Alcatraz Penitentiary.

Otis Elevator Co., at $358.00, submitted the only other bid.

BIDS WANTED

HOOD RIVER, Ore.—Until Nov. 12 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C. for insect screens in the U. S. post office at Hood River.

Plans and specifications may be obtained from the above office and from the Custodian of the Building, Hood River.

8— CLUB BUILDINGS

Working Drawings Completed

CLUB Cost, $30,000
LOS BANOS, Merced Co., Calif.
One-story and high basement concrete, frame and stucco club building (kitchen in basement), stage, dressing rooms, club rms., lavatories on main floor; composition shingle roofing, piped for gas heating system, wood sash, hardwood floors, etc.
Owner—Portuguese B.E.S. Society.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.
Bids will be asked shortly.

9— HOSPITALS

COMPLETE BID LISTING

PHOENIX, Arizona.—H. P. Adams, Phoenix, at $160,000 (combined bid for dormitory, dining hall and residence), as previously reported, submitted low bid to the Purchasing Officer, Interior Department, Washington, D. C., under Spec. No. 1829, for construction of a dormitory, dining hall building and an employees' residence at Phoenix Indian Sanatorium, Ariz. The employees' residence is a one-story frame building with outside dimensions of approx. 66x29 ft. The dining hall building is a one-story concrete-block building with a mission tile roof in the shape of an "L" with the main portion of the building approximathely 117 ft. long and 30 ft. wide, with a wing approximately 34x43 feet. Heating, plumbing, electrical work, cold storage equipment and kitchen equipment are included in the contract.

Complete total bids follow:

H. P. Adams, Phoenix—(1) Dormitory, $112,350; (2) Dining hall $160,000.
P. W. Womack, Phoenix—(1) $118,-239; (2) $50,488.
C. F. Crittenden, Phoenix—(1) $116,-750; (2) $51,653.
Del E. Webb Constr. Co., Phoenix—(1) $123,935; (2) $61,921.
William Peper, Phoenix—(1) $129,-500; (2) $57,100.
McGinty Constr. Co., Phoenix—(1) no bid; (2) $51,919.

AWARDS RECOMMENDED

SANTA ROSA, Sonoma Co., Calif. —Sonoma Co. Board of Supervisors recommended the following awards to the PWA for furnishing and installing hospital equipment in the new Sonoma County Hospital, Santa Rosa. Plans prepared by Architect John I. Easterly, 302 Grant Street, Healdsburg and Santa Rosa.

Electric Fixtures

H. W. Jacobs, 316 B St., Santa Rosa—$3,296.

Radio Equipment

Remler Company, Ltd., 2101 Bryant St., San Francisco—$848.

Electric Clock

Standard Electric Time Company, 268 Market St., S. F.—$1,268.

Strip Heaters

Norman A. Russell, Gen. Delivery, Healdsburg—$100.

Refrigeration and Ice Plant

Refrigeration Equipment & Service Co., 540 Mendocino St., Santa Rosa—$2,758.

Sterilizers

Colson Equip. & Supply Co., 7 Front St., S. F. $4,891.02

Venetian Blinds

West Coast Window Shade Co., 3248 22nd St., S. F.—$1,700.

Metal Lockers

Worley & Co., 39 Natoma St., S. F.—$725.

Surgical & Ward Equipment

Walters Surgical Co., 522 Sutter St., S. F.—$9,800.

Sheeting

H. W. Baker Linen Co.—$557.

Bedding and Linen

Stone Company, Santa Rosa—$2,-077.90.

X-Ray and Dark Room Equipment

H. D. Rook—$2,248.41.

Furniture

Pederson Furniture Company, Santa Rosa—$1,520.02.

Kitchen Equipment

Mangrum-Holbrook Co., 1235 Mission St., S. F.—$6,382.75.

Kitchen Range

John G. Ils & Co., 2902 19th St., San Francisco—$876.00.

Kitchen Utensils

John G. Ils & Co., 2902 19th St., San Francisco—$1,871.

Laboratory Equipment

Braun - Knecht - Heimann Co., 584 Mission St., S. F.—$1,237.95.

Surgical Instruments

Walters Surgical Co., 522 Sutter St., S. F.—$1,103.

Water Softener and Chlorinator

A. C. LoPrest Co., 560 7th St., S. F.—$2,177.

Electric Stations

Standard Electric Time Co., 268 Market St., S. F.—$204.

BID OPENING POSTPONED

SAWTELLE, Los Angeles, Co., Cal.—Until November 5, 1:30 p.m. (opening date postponed from October 27), bids will be received by Veterans' Administration for construction of kitchen addition to main hospital building at Sawtelle.

Bids Wanted—To Close November 24, 2 P. M.

HOSPITAL WARDS, GARAGES & COLD STORAGE PLANT Cost, $.....

CAMARILLO STATE HOSPITAL, Ventura Co., Calif.

Two-story reinforced concrete ward buildings (Units 8, 9, and 14), clay tile roof; one-story reinf. concrete garage building, 10-stall, wood roof deck and composition roofing, with yard fencing and gate posts; one-story reinforced concrete cold storage plant building addition to existing boiler plant, clay tile and composition roofing.

Owner—State of California, Department of Institutions.

Architect—George B. McDougall, State Architect, Public Works Bldg., Sacramento.

Bids will be taken as follows:

(1) General work;
(2) Electrical work;
(3) Plumbing;
(4) Heating and ventilating;
(5) Refrigeration.

Plans and specifications obtainable from the architect upon deposit of $25.

To Ask Bids November 2.

HOSPITAL Cost, $32,000

MERCED CO., Calif. Near Gustine.

Two-story frame, tile and concrete hospital building (22 beds) corrugated iron or asbestos roofing, warm air heating system, air-conditioning system, etc.

Owner—West Side Hospital.

Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.

Bids will be taken from a selected list of contractors.

10— HOTELS

Sub Contracts Awarded

ALTERATIONS Cost, $50,000

CHICO, Butte Co., Calif. Second and Salem Streets.

Alterations and additions to hotel (add 50 bath rooms, 90 tubs; repair foundations, etc.).

Owner—Hotel Oaks, Chico.

Architect—G. N. Hilburn, 1213 I St., Modesto.

Tile—Fischer Tile & Marble Co., 1219 J St., Sacramento.

Baths (20 additional)—Hansen's, 609 Tenth St., Modesto.

Plans Being Completed

ADDITION Cost, $.....

AVENAL, Kings Co., Calif.

Addition to hotel (13 rooms); air conditioning system.

Owner—Daniel Leatherman, Coalinga.

Architect—David Horn, 433 Rowell Bldg., Fresno

Contract Awarded

ADDITION Cont. Pr., $68,370

SAN FRANCISCO. Turk and Mason Streets.

Nine-story steel frame and concrete addition to Oxford Hotel (thirty rooms).

Owner—Arnold Haas.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Contractor—W. C. Tait, 883 Market St., San Francisco.

Complete bids follow:

W. C. Tait	$68,370
G. P. W. Jensen & Sons, Inc.	68,970
H. E. Rahlmann Co.	69,740
Oliver M. Rousseau	69,780
James L. McLaughlin Co.	70,620
B. A. Howkins & Co.	71,439

12— POWER PLANTS

CONTRACT AWARDED

SAN FRANCISCO.—Walter S. Leland Co., Walnut Creek, at $935.00 awarded contract by the Constructing Quartermaster, Fort Mason, for furnishing and installing a water heater in the power house at Letterman General Hospital, Presidio of San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Bond Election

HALL OF RECORDS Cost, $150,000

MODESTO, Stanislaus Co., Calif.

Hall of Records.

Owner—County of Stanislaus.

Architect—G. N. Hilburn, 1213 I St., Modesto.

A $150,000 bond issue will be placed on the November 3 ballot.

CONTRACT AWARDED

LOWER LAKE, Lake Co., Cal.—Claude E. Beach, Lakeport, at $1,395, awarded contract by the Lake County Board of Supervisors, for materials to be used in the construction of the Justice Court Bldg. for Lower Lake.

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until November 2, 10 a.m., bids will be received by the Alameda County Board of Supervisors, G. E. Wade, Clerk, Hall of Records Bldg., 5th & Broadway Sts., for furnishing and laying carpets on certain floor surfaces in the Alameda County Court House and Hall of Records, 12th and Fallon Sts.

Specifications obtainable from the office of the County Purchasing Agent, Hall of Records & Court House Bldg., 12th & Fallon Sts.

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until November 2, 10 a.m., bids will be received by the Alameda County Board of Supervisors, G. E. Wade, County Clerk, Hall of Records Bldg., 5th and Broadway, Oakland, for furnishing and installing auditorium type chairs in certain rooms of the County Court House and Hall of Records, 12th & Fallon Sts.

Specifications obtainable from the office of the County Purchasing Agent, Hall of Records & Court House Bldg., 12th & Fallon Sts., Oakland.

Plans Being Completed

EXHIBIT PALACES Cost, $1,025,000

YERBA BUENA SHOALS, Site of the 1939 World's Fair.

Twelve one-story buildings (over 600,000 sq. ft.); six bidding propositions to be awarded individually or in combination, smaller proposition estimated at $120,000; pile foundations; long span wooden trusses; wood sheathed roofs and walls; composition roofing.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush Street, San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission, (George Kelham, Chairman), 585 Bush Street.

Bids will be asked by S. F. Public Utilities Commission early in November. Work is financed in part with PWA funds.

Funds Asked

CITY HALL Cost, $80,000

SANTA CRUZ, Santa Cruz Co., Cal. Church and Locust Streets.

One-story reinforced concrete City Hall (first unit), shingle tile roof, linoleum floors, steel joists, vault doors, jail equipment, etc. (Mayor's offices, Water Dept., Police Dept., and Jail).

Owner—City of Santa Cruz.

Architect—C. J. Ryland, Monterey and Carmel.

Application has been filed with the PWA for a 45% grant of the cost, which is estimated at $54,000 for the first unit. There will be three units in all.

Funds Asked

JAIL Cost, $25,000

BURLINGAME, San Mateo Co., Cal. Burlingame Ave., near Park St.

One-story reinforced concrete jail building.

Owner—City of Burlingame.

Architect—James H. Mitchell, 369 Pine St., San Francisco.

Application has been filed with the PWA for a loan and grant to assist in financing the work.

PREPARING PLANS

FULLERTON, Orange Co., Calif.—Architect G. Stanley Wilson, Mission Inn, Riverside, has been authorized by Fullerton city council to prepare plans for the city hall to be built on West Commonwealth Park site in Fullerton. Cost, $65,000. PWA approved $34,000 grant for project.

Preparing Working Drawings

CENTRAL FIRE ALARM STATION Cost, $17,000

SACRAMENTO, Sacramento County, Calif. Block bounded by 27th, 28th, P and Q Streets.

One-story reinforced concrete building to house central fire and police alarm systems.

Owner—City of Sacramento.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Working drawings will be completed in about two weeks.

CONTRACT AWARDED

SAN RAFAEL, Marin Co., Calif.—G. Gregory, 554 Red Hill Ave., San Anselmo, at $434, awarded contract by the Marin County Board of Supervisors for the installation of Venetian Blinds in the County Court House, San Rafael.

Complete bids follow:

G. Gregory, San Anselmo	$434.00
Ry Lock Co., Ltd., S. F.	437.72
Gunn, Carle & Co., S. F.	446.08
Marin Shade Co., San Anselmo	466.44
Marin Furniture Co., San Rafael	471.65

CONTRACT AWARDED

SAN RAFAEL, Marin Co., Calif.—De Luca & Son, Inc., 1745 Filbert St., San Francisco, at $1,449 awarded contract by the Marin County Board of Supervisors for improvements to the north wing roof of the Marin County Court House, San Rafael.

Complete bids follow:

De Luca & Son, Inc., S. F.	$1,449
Alternate	1,449
Leibert & Trobock, San Rafael	1,626
Alternate	1,626

Funds Granted

FIRE HOUSE AND SHOP BLDG. $34,891

PORTERVILLE, Tulare Co., Calif.

One-story and basement reinforced conc. fire house, concrete floors, wood roof on steel trusses, plastered masonry or metal lath interior walls, painted conc. exte-

rior walls, plumbing and heating. One-story reinforced concrete shop building, corrugated iron roof on steel trusses, concrete floors.
Owner—City of Porterville.
Architect—W. D. Coates, Rowell Bldg., Fresno.
A grant of $15,700 has been approved by the PWA.

BIDS WANTED

STOCKTON, San Joaquin Co., Cal. —Until Nov. 16, 11 A. M., bids will be received by the County of San Joaquin, Eugene D. Graham, Clerk of the Board of Supervisors, for furnishing all labor, material and equipment for re-modeling the former post office building on SE Market and California Sts., Stockton.
Plans and specifications may be obtained at the office of Julius B. Manthey, County Surveyor.

14— RESIDENCES

Owner Taking Bids
RESIDENCE Cost, $5,500
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One - story frame and stucco residence (6 rooms, 2 baths) California ranch style, steel and wood sash.
Owner—C. C. McLean, 840 Lake St., San Francisco.
Architect—D. E. Jaekle, 126 Post St. San Francisco.

Contract Awarded
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. 5027 Proctor Ave.
Two-story frame and stucco residence (6 rooms).
Owner—Geo. B. Land.
Architect—Not Given.
Contractor—Elmer J. Freethy, 1301 Roosevelt Ave., Richmond.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
OAKLAND, Alameda Co., Calif. 1300 Mountain Blvd.
Two-story frame and stucco residence (7 rooms).
Owner & Builder—H. E. Carmichael, 6019 Aspinwall Rd., Oakland.
Architect—E. R. De Chenne, 364 14th St., Oakland.

Contract Awarded
RESIDENCE Cost, $8,000
OAKLAND, Alameda Co., Calif. 6351 Contra Costa Road.
Two-story frame and stucco residence.
Owner—J. Cumming.
Architect—Not Given.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded
RESIDENCE Cost, $6,200
BERKELEY, Alameda Co., Calif. 1455 Arch Street.
Two-story frame and stucco residence (6 rooms); garage.
Owner—C. E. Gunter, 1598 San Lorenzo St.
Architect—J. B. Anthony, 2014 Shattuck Ave.
Contractor—S. M. Shapero, 2014 Shattuck Ave.

Contract Awarded
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Calif. 1565 LaVareda St.
Two-story frame and stucco residence (10 rooms); garage.
Owner—E. H. Loeb, 2163 Center St.
Architect—M. Goodman, 2163 Center Street.
Contractor—H. K. Schulz, 811 Mendocino Ave.

Contract Awarded
REIDENCE Cost, $9,000
BURLINGAME, San Mateo Co., Cal. Lot 7, Blk. 27, Bloomfield.
Two-story frame and stucco residence.
Owner—John Carbolo.
Architect—Not Given.
Contractor—Bert Norberg, 832 Morrell, San Jose.

Contract Awarded
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Cal. Drake Drive.
Two-story frame and stucco residence.
Owner—George Everest.
Architect—F. L. Confer, 3147 Claremont Ave., Berkeley.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded
RESIDENCE Cost, $7,886
BERKELEY, Alameda Co., Cal. Daley's Scenic Park.
Two-story and basement frame and stucco residence; garage.
Owner—James E. Gosline.
Architect—Williams & Wastell, 317 17th St., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway, Oakland.

Contract Awarded
RESIDENCE Cost, $35,000
SAN FRANCISCO, Calif. Broadway and Buchanan Streets.
Two-story and basement frame and stucco residence.
Owner—Harry N. Stetson, 1014 Mills Bldg.
Plans by W. Voorhies, Inc., Burlingame.
Engineer—A. D. Janssen, Redwood City.
Contractor—J. B. Oswald, 1150 Industrial Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO, Calif. 33rd Ave. and Judah St.
One-story frame and stucco residence.
Owner—Henry C. Lanier, 1103 Stanyan St.
Architect—C. O. Clausen, 746 46th Ave.
Contractor—Bay Cities Bldg. Co., 160 Russ St.

To Be Done By Day's Work
RESIDENCE Cost, $16,000
BURLINGAME, San Mateo Co., Cal. Lot 9, Hussez Tract, West Bellevue.
Two-story frame and stucco residence.
Owner & Builder—Suburban Builders, Inc., 1464 Burlingame, Burlingame.
Architect — Chester Triechel, 696 Cleveland St., Oakland.

To Be Done By Day's Work
ALTERATION Cost, $10,000
BURLINGAME, San Mateo Co., Cal. 1437 Floribunda Ave.
Alter residence to apartments.
Owner & Builder—Milton Finlof, 1520 Newlands Ave., Burlingame.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,500
BURLINGAME, San Mateo Co., Cal. Lot 13, Blk. 14, Irving.
Two-story frame and stucco residence.
Owner—C. M. Marshall, San Mateo.
Architect—Not Given.
Contractor—F. S. Marshall, 909 Ashbury St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Cal. Hardingham and Bellevue.
Two-story frame and stucco residence.
Owner & Builder—A. Ernest Johnson, Bryant Avenue, Mountain View.
Architect—Not Given.

Plans Being Prepared.
RESIDENCE Cost, $7,000
MILLBRAE CIRCLE, San Mateo Co.
One - story frame and rustic residence (6 rooms and two baths) shingle roof, hot air heating system, wood sash, hardwood floors, 2-car garage.
Owner—John Marshall Jr., 1095 Market St., San Francisco.
Architect—Fred. Reimers, 233 Post St., San Francisco.

Plans Completed
RES... ...ES Cost, $25,000
BAYWOOD, San Mateo Co., Calif. Dartmouth Road.
Two units of four attached cottages, each unit to have two 2-story cottages of five rooms and bath, and two 1-story cottages of 3-rooms and bath; wood frame, cement plaster exteriors, wood shingle roofs, tile floors and wainscotting in baths, 8 garages.
Owner—J. Evan Bethune, 1170 Vancouver Ave., Burlingame.
Architect — Arthur Brown, Jr., 251 Kearny St., San Francisco.

Plans Being Figured — Bids Close November 9, 10 A. M.
RESIDENCE Cost, $.....
SAN JOSE, Santa Clara Co., Calif.
Two - story frame and stucco residence (10 rooms, 4 baths), hardwood floors, gas heat, tile baths, shake roof, etc.
Owner—Dr. L. M. Rose, San Jose.
Architect—Higgins & Root (Chester Root, architect), Security Bldg., San Jose.
Bids will be received from the following selected list of contractors:
C. F. Keesling, 798 Coe Ave., San Jose.
L. M. Scott, 535 Frances St., Sunnyvale.
M. W. Reese, 1210 Minnesota Ave., San Jose.
George S. Kocher, Notre Dame and Carlysle St., San Jose.
A. R. Calvelli, 1625 Emory St., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $4,500
SAN LEANDRO, Alameda Co., Cal. Cherry Manor Tract.
One - story frame residence, Early California Architecture (5 rooms, 1 bath) split cedar shake roof, exterior cement plaster; hardwood floors, gas heat.
Owner and Builder—Central Bldg. & Loan Assn., Central and Park Sts., Alameda.
Architect—Mildred S. Meyers, 2024 Central Ave., Alameda.
Supt. of Const.—David Dryden.
This will be the first unit of a group of residences to be erected Plans are complete for two more and being prepared for a third.

Contract Awarded
RESIDENCE Cost, $5,500
SAN JOSE, Santa Clara Co., Calif. Laurie Ave. near Newport.
One - story frame and stucco residence (five rooms).
Owner—L. B. Rundle, 1406 Lincoln Ave., San Jose.
Architect—Not Given.
Contractor—R. B. Fehren, 25 N 2nd St., San Jose.

Contract Awarded
RESIDENCE Cost, $9000
MODESTO, Stanislaus City., Palm Ave.
Two-story frame and stucco residence (9 rooms, 2 baths), tile

roof, hardwood floors, gas furnace heat, tile baths, etc.
Owner—Frank Vacarro.
Architect—G. N. Hilblurn, 1213 I St., Modesto.
Contractor — Messamer & Waterbrook, Rt. 2, Box 988, Modesto.

Contract Awarded
RESIDENCE Cost, $3,500
SANTA ROSA, Sonoma Co., Calif. Slater Street.
One - story frame and stucco residence (5 rooms and 1 bath) flat composition roof, hardwood floors, wood sash, Modernistic style, garage.
Owner—C. Jackson, Santa Rosa.
Architect — Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—T. M. Daniels, Route 2, Box 815, Santa Rosa.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
SAN JOSE, Santa Clara Co., Calif. 990 Emory Street.
Duplex residence.
Owner and Builder—A. R. Calvelli, 1625 Emory St., San Jose.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $12,500
SAN JOSE, Santa Clara Co., Calif. 745 Dana Avenue.
Two - story frame and stucco residence (7 rooms).
Owner—H. H. Buchanan, 15 E. Santa Clara Ave., San Jose.
Architect—Ralph Wyckoff, Anglo Bank Bldg., San Jose.
Contractor—N. J. Nielsen, 1270 Iris Court, San Jose.

Contract Awarded
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. Willow Glen Way.
Duplex residence.
Owner—E. C. Bradley, 1159 Mildred Ave., San Jose.
Architect—Not Given.
Contractor—R. B. Fehren, 25 N 2nd St., San Jose. 1

Completing Plans
RESIDENCE Cost, $8,000
MILLBRAE, San Mateo Co., Calif.
One - story frame and stucco residence (six rooms) shake roof, hardwood floors, tile bath, garage.
Owner—Not Given.
Architect—A. H. Larsen, 333 Kearny St., San Francisco.

Plans Being Figured—Bids Close Nov. 7, 2 P. M.
RESIDENCE Cost, $3,500
SANTA ROSA, Sonoma Co., Calif. Santa Rosa Avenue.
One - story frame and rustic residence (5 rooms & bath) shingle roof, wood sash, floor furnace, hardwood floors, tile bath.
Owner—E. Stewart, Santa Rosa Ave. Santa Rosa.
Architect — Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Following are figuring plans:
Leon Koch, 526 Orchard Street.
Louis Halvorsen, 128 Dutton Ave.
E. Ahlstrom, 323½ Santa Rosa Ave.
C. L. Personett, 731 Santa Rosa Ave.
All of Santa Rosa.

Owner Taking Bids
RESIDENCE Cost, $6,000
VALLEJO, Solano Co., Calif.
Two-story frame, stucco and wood residence (5 rooms and bath), shake roof, hardwood floors, Standard plumbing, gas furnace, etc.
Owner—W. R. Stephens, 646 Tennessee St., Vallejo.
Architect—James T. Narbett, 462 31st St., Richmond.

Plans Being Completed
RESIDENCES Cost, $8,000 each
SAN FRANCISCO, Calif. Pinelake Park.
Six one-story frame and stucco residences (5 and 6 rooms); gas fired hot air heating systems; slate and terra cotta roofing; hardwood floors; tile baths; garages.
Owner & Builder—A. J. Herzig, 2300 Ocean Ave., San Francisco.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.
Owner will take bids shortly.

Bids In—Held Under Advisement
RESIDENCE Cost, $5,500
BERKELEY, Alameda Co., Cal. Miller and Stevenson Avenues.
One-story and basement frame residence (5 rooms), double garage, central furnace, linoleum in kitchen and bath, knotty pine finish in bedrooms, exposed beams in living room and dining room.
Owner—A. K. White.
Architect—James T. Narbett, 462 31st St., Richmond.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 1972 Oakcrest Drive.
Two-story frame and stucco residence (6 rooms).
Owner & Builder—Robert Templeton, 20 Broadway, Berkeley.
Architect—Not Given. 1

October 28, 1936.

Contract Awarded
RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Cal. Lot 11, Blk. 1, Third Ave.
Two-story frame and stucco residence; garage.
Owner—C. J. Ibel.
Architect—Not Given.
Contractor—Smith & Walker, San Jose. 14

Contract Awarded
RESIDENCE Cost, $14,500
PIEDMONT, Alameda Co., Calif. 110 Somerset Road.
Two-story frame and stucco residence (10 rooms); garage.
Owner—Fred M. Dorward, 738 Longridge Road, Piedmont.
Architect—Frederick Confer, 3147 Claremont Ave., Berkeley.
Contractor—George W. Anderson, 211 Hanover Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $9,000
BURLINGAME, San Mateo Co., Cal. Lot 7, Blk. 27, Bloomfield.
Two-story frame and stucco residence.
Owner—John Carbolo.
Architect—Not Given.
Contractor—Bert Norberg, 832 Morrell, San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Cal. Hardingham & Bellevue.
Two-story frame and stucco residence.
Owner & Builder—A. Ernest Johnson, Bryant Ave., Mountain View
Architect—Not Given.

Plans Completed
RESIDENCE Cost, $.....
MENLO PARK, Santa Clara County.
One-story frame and stucco residence (6 rooms, 2 baths), shake roof, gas heat, hardwood floors, tile baths, steel sash, etc.
Owner—Felton Gables Co., Menlo Park.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
Walter B. Snook, 173 Eldorado St., Monterey, is the only contractor who will figure the plans.

Contract Awarded
RESIDENCE Cost, $8,500
BURLINGAME, San Mateo Co., Cal. Lot 13, Blk. 14, Irving.
Two-story frame and stucco residence.
Owner—C. M. Marshall, San Mateo.
Architect—Not Given.
Contractor—F. S. Marshall, 909 Ashbury St., San Francisco.

To Be Done By Day's Work
ALTERATION Cost, $10,000
BURLINGAME, San Mateo Co., Cal. 1437 Floribunda Ave.
Alter residence to apartments.
Owner & Builder—Milton Finlof, 1520 Newlands Ave., Burlingame.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $16,000
BURLINGAME, San Mateo Co., Cal. Lot 9, Hussez Tract, West Bellevue.
Two-story frame and stucco residence.
Owner & Builder—Suburban Builders, Inc., 1464 Burlingame, Burlingame.
Architect — Chester Triechel, 696 Cleveland St., Oakland.

Bids In — Under Advisement
RESIDENCE Cost, $.....
BERKELEY, Alameda Co., Calif. N. Cragmont.
One-story and basement frame and stucco residence (5 rooms, bath and separate lavatory), tile bath, shingle roof, gas heating system, hardwood floors, wood sash.
Owner—Fred Burness.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.

Plans Completed
RESIDENCE Cost, $.....
MENLO PARK, San Mateo Co., Cal.
One-story frame and stucco residence (5 rooms, 2 baths), shake roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—R. L. Flint.
Architect—Higgins & Root (Chester Root, architect), Security Bldg., San Jose.
Walter B. Snook, 173 Eldorado St., Monterey, is figuring the plans.

Contract Awarded
RESIDENCE Cost, $7,000
PALO ALTO, Santa Clara Co., Calif.
Two-story frame and stucco residence.
Owner—Hubert Schenck, 510 Lowell Ave., Palo Alto.
Architect—Not Given.
Contractor—Louis Anderson, R.F.D. 2, Box 182, Menlo Park.

Contract Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO. S Bay 225 Hyde.
Two-story and basement frame and stucco residence.
Owner—J. M. Hamill, % architect.
Architect—W. W. Wurster, 260 California Street.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street.

CONTRACT AWARDED

LOS ANGELES, Calif.—Fred C. Snell, 339 N. Beverly Drive, Beverly Hills, awarded contract for two-story and basement, Pennsylvania farm type residence to be built at 1111 Calle Vista Dr., Beverly Hills, for Richard Dix. Arthur Kelley and Joe Estep, architects, Hollywood. Cost, $50,000.

Bids In — Under Advisement
RESIDENCE Cost, $.....
SAN FRANCISCO. Washington St.
Three-story frame residence (nine rooms, 4 baths), asbestos shingle roof, tile baths, hardwood floors, Redwood siding, fireplace, gas furnace, etc.
Owner—Phillip Landis.
Architect—Farr & Ward. 68 Post St., San Francisco.
Low Bidder—Fred K. DuPuy, 110 Sutter St., San Francisco.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
OAKLAND, Calif. 3231 and 3243 55th Avenue.
Two one-story frame and stucco residences.
Owner & Builder—P. A. Wolff, 4514 E. 14th St., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
BURLINGAME, San Mateo Co., Cal. Lot 24, Blk. 28, Bloomfield.
One-story frame and stucco residence.
Owner & Builder—Hammer & Tosch, 1090 Burlingame Square, Burlingame.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
BURLINGAME, San Mateo Co., Cal. Lots 15 and 16, Hacienda.
One-story frame and stucco residence.
Owner—Walter D. Jones, care San Mateo Inv. Co., San Mateo.
Architect—Not Given.
Contractor—San Mateo Investment Co., 2562 El Camino Real, San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
BURLINGAME, San Mateo Co., Cal. Lot 6, Blk. 22, So. Humboldt.
One-story bungalow.
Owner & Builder—V. De Nordi, 710 S. Fremont St.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $12,350
PALO ALTO, Santa Clara Co., Calif. 130 Dana Ave.
One-story frame and stucco residence, and garage.
Owner—Sarah E. Corbett, Atherton.
Architect—Not Given.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $8,000
PIEDMONT, Alameda Co., Calif. 55 Wildwood Gardens.
Two-story frame and stucco residence (6 rooms); garage.
Owner—Mrs. E. A. Axton, 51 Wildwood Gardens, Piedmont.
Architect—F. H. Slocombe, 131 Monta Cresta Ave., Oakland.
Contractor—T. M. Almquist, 4218 La Cresta Ave., Oakland.

Contract Awarded
RESIDENCES Cost, $4,000 each
SAN MATEO, San Mateo Co., Cal. Block 56, Friendly Acres.
Six one-story frame and stucco residences.
Owner—Frank B. Solin, 129 Lake St., San Francisco.
Architect—Not Given.
Contractor—R. Delucchi & Co., 3275 San Bruno Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $21,179
SAN MATEO, San Mateo Co., Calif. Valpariso Park.
Two-story frame and stucco residence (brick veneer and wavy edge rustic).
Owner—Judson D. Levensaler, Atherton.
Architect—Leslie I. Nichols, 532 Emerson St., Palo Alto.
Contractor—Edw. J. Schmaling, 863 Melville Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $13,000
STOCKTON, San Joaquin County. Oxford Manor.
Two-story frame and stucco residence (4 rooms, 2 baths), hardwood floors, tile roof, gas furnace heat, air conditioning and ventilating system, tile baths.
Owner—Fred A. Serroggiaro.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.
Contractor—C. I. Carlson, 807 North Madison St., Stockton.

RESIDENCE Cost, $11,000
SALINAS, Monterey Co., Calif.
One-story frame and stucco residence (10 rooms, 2 baths), shake roof, oak floors, oil burning heating system; tile baths, etc.
Owner—Mr. and Mrs. Chris. Sanoe.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Bids will be taken from a selected list of contractors within one week.

Completing Working Drawings
RESIDENCE Cost, $5,000
MARTINEZ, Contra Costa Co., Cal.
One-story frame residence; rustic exterior; gas furnace, shingle roof.
Owner—G. C. Ralls.
Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.
To ask bids in about one week.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
One-story frame and stucco residence (6 rooms and bath), elevated bedroom; hardwood floors, tile bath, hot air heating system.
Owner & Builder—O. Harjulin, 867 Eddy St.
Architect—D. E. Jaekle, 126 Post St.

Plans Being Prepared — Contract Awarded
RESIDENCE Cost, $8,500
SAN FRANCISCO, Calif. St. Francis Wood.
Two-story frame and stucco residence (8 rooms, 3 baths), flat shingle tile roof, tile baths, hardwood floors, gas furnace hot air heat, air conditioning, wood sash, etc.
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Contractor—Withheld.

Contract Awarded
RESIDENCE Cost, $7,288
SAN ANSELMO, Marin Co., Calif.
Two-story frame and stucco residence.
Owner—Rinaldo Torre, San Anselmo.
Architect—Not Given.
Contractor—Adams Bros., 2218 21st Ave., San Francisco.

Completing Plans
RESIDENCE Cost, $.....
ATHERTON, San Mateo Co., Calif.
One-story Cape Cod residence (seven rooms and two baths), wood shake roof, gas hot air heating system, wood sash, hardwood floors, colored tile baths, colored fixtures, wood exterior, etc.
Owner—Withheld.
Architect — Sidney A. Colton, 544 Market St., San Francisco.

Plans Being Revised
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Rockwell (Brauer Tract).
Two - story frame and stucco residence (7 rooms and 3 baths) tile roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Guttman.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Bids will be asked in about 1 week.

Plans Being Completed
RESIDENCE Cost, $——
SAN JOSE, Santa Clara Co., Calif.
Two - story frame and stucco residence (10 roms, 4 baths) hardwood floors, gas heat, tile baths, shake roof, etc.
Owner—Dr. L. M. Rose, San Jose.
Architect—Higgins & Root (Chester Root, architect) Security Bldg., San Jose.
Bids will be taken from a selected list of contractors within a few days.

Contract Awarded
RESIDENCE Cont. Pr., $12,445
OAKLAND, Alameda Co., Cal. Montclair Highlands.
Two-story and basement frame and stucco residence (8 rooms and 3 baths), plaster walls and ceilings, mahogany paneling, all carpeted floors, linoleum baths.
Owner—Withheld.
Architect—F. L. Confer, 3149 Claremont Ave., Berkeley.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.
Complete bids published Oct. 7.

Contract Awarded
RESIDENCE Cost, $15,000
SAN RAFAEL, Marin Co., Calif.
Two-story frame and stucco residence (tile roof, hardwood floors, tile baths, interior tile, ornamental iron, hot air heat, etc.).
Owner—A. Blumenfeld.
Architect—S. Chas. Lee, 25 Taylor St., San Francisco.
Contractor—Ellis L. Wilson, 69 Olive Ave., San Anselmo.

15— SCHOOLS

To Ask Bids Shortly
SCHOOL Cost, $16,350
ORANGEVILLE, Sacramento County, Calif.
One - story frame and stucco school (four classrooms).
Owner—Orangeville School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
PWA has approved grant of $7,380.
Plans will be forwarded to PWA for approval the first of the week.

LOW BIDDER
SANTA MONICA, Los Angeles Co., Calif.—Jones Brothers, 9430 Santa Monica Blvd., Beverly Hills, submitted low bid to Santa Monica board of education, at $38,320, for construction of Grant school in Santa Monica, a PWA project. John and Donald B. Parkinson, architects.

CONTRACT AWARDED
LOS ANGELES.—Escherich Bros., 234 West 37th Place, Los Angeles, awarded contract by Los Angeles board of education, at $33,480, for boys' physical education building to be erected at San Fernando high school, Second St. and Brand Blvd., San Fernando.

Contract Awarded
ALTERATIONS Cont. Pr., $2,334
SANTA CLARA, Santa Clara Co., Calif. Fremont Street.
Alterations to kitchen and installation of lavatories.

Owner—Santa Clara Grammar Sch., Fremont St., Santa Clara.
Architect—Binder & Curtis, 35 West San Carlos St., Santa Clara.
Contractor — Guy M. Latta, 157 Rhodes Court, San Jose.

Plans Completed
SCHOOL Cost, $20,000
AUBURN, Placer Co., Calif.
School building.
Owner — Auburn Union Grammar School.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Application has been filed with the PWA for a grant of 45% of the cost.

Preparing Working Drawings
SCHOOL Cost, $50,000
LODI, San Joaquin Co., Calif.
New music department and shop building (brick construction).
Owner—Lodi Union High School District.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.
Application has been filed with the PWA for a grant of $22,500 to assist in financing.

LOW BIDDER
LOS ANGELES, Calif.—Marko Matick, 7310 S. Figueroa St., Los Angeles, submitted low bid to the Los Angeles board of education, at $45.-950 (main bid), for a one-story reinf. concrete physical education building to be erected at North Hollywood high school, 5231 Colfax Ave., North Hollywood. R. D. McPherson, architect; William D. Coffey, structural engineer, and E. L. Ellingwood, mechanical engineer.

Bids Wanted—To Close Nov. 6, 2 P. M.
ADDITION Cost, $——
KERN COUNTY, Calif.
One-room addition to Mountain View school building.
Owner—Mountain View School District.
Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.
Plans and specifications may be obtained from the architect's office.

To Ask Bids Shortly
ALTERATIONS Cost, $9,500
ARDEN, Sacramento Co., Calif.
Alterations to classrooms and new steam heating system.
Owner—Arden Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
A grant of $4,072 has been approved by the PWA.

CONTRACT AWARDED
SANTA MONICA, Los Angeles Co., Calif.—Jones Brothers, 9430 Santa Monica Blvd., Beverly Hills, awarded contract by Santa Monica board of education, at $43,620 (subject to PWA approval), for construction of the Grant School in Santa Monica. John and Donald B. Parkinson, architects.

LOW BIDDER
LOS ANGELES, Calif.—Harvey A. Nichols, 936 E. Slauson Ave., submitted low bid to the Los Angeles Board of Education, at $145,177 (Bid No. 1), for a one-story reinforced concrete building to be erected at Washington Boulevard School, 1925 S. Budlong Ave. W. F. Ruck, architect; S. B. Barnes, structural engineer; Clayton T. Gibbs and Robert M. Storms, mechanical engineers.

Completing Working Drawings
HIGH SCHOOL Cost, $115,000
AVENAL, Kings Co., Calif. Head of Seventh Street.
New high school building (frame construction), administration building, gymnasium and machine shops.
Owner—Lemoore Union High School District.
Architect—W. H. & Harold H. Weeks, 593 Market St., San Francisco.
Plans will be forwarded to State Division of Architecture, Sacramento, for approval in about three weeks.

Preliminary Sketches Completed
GYMNASIUM Cost, $——
DURHAM, Butte Co., Calif.
One-story gymnasium.
Owner—Durham Union High School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Grant Approved
ELEMENTARY SCHOOL Cost, $152,291
WATSONVILLE, Santa Cruz Co., Calif.
One-story elementary school building (13 classrooms, administrative office, clinic, auditorium to seat 500, stage, manual training shops, gymnasium, etc.).
Owner—Watsonville City School District (T. S. MacQuiddy, Supt. of City Schools).
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
A grant of $71,290 has just been approved by the PWA. A $100,000 bond issue was approved by voters September 19.

BIDS WANTED
OILDALE, Kern Co., Calif.—Until Nov. 6, 7 p.m., bids will be received by Standard School District, Arthur Hill, Clerk of the Board of Trustees, for furnishing and installing opera chairs, carpets, stage equipment, scenery, drapes, and sound equipment in Auditorium, Standard Sch., Oildale.
Plans and specifications may be obtained from the office of the Architect, Charles Biggar, Haberfelde Bldg., Bakersfield, upon deposit of $20.

BIDS WANTED
GUSTINE, Merced Co., Calif.—Until Nov. 6, 2 p.m., bids will be received by Gustine Union High School District, G. L. Vidler, Clerk of the Board of Trustees, for the furnishing and installation of auditorium chair seating for the classroom and auditorium school building at Gustine.
Plans and specifications may be obtained from the above office and at the office of the Architects, Edward H. Russ and Will G. Corlett, 1801 Bank of America Bldg., Oakland, upon deposit of $10.

Funds Asked
RECONSTRUCTION Cost, $12,000
BERKELEY, Alameda Co., Calif.
Reconstruction of Hillside auditorium
Owner—Berkeley Board of Education.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—E. T. Spencer, Spreckels Bldg., San Francisco.
Application has been filed with the PWA for a grant to assist in financing the reconstruction.

Funds Asked
SCHOOL BLDG. Cost, $18,000
BERKELEY, Alameda Co., Calif.
Reconstruct auditorium at the Willard School.
Owner—Berkeley Board of Education.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education, Berkeley.
Application has been filed with the PWA for a grant to assist in financing the reconstruction.

Funds Asked
AUDITORIUM Cost, $7,000
BERKELEY, Alameda Co., Cal. Sacramento and Rose Streets.
Reconstruct auditorium at Jefferson School.
Owner—Berkeley Board of Education.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education, Berkeley.
Application has been filed with the PWA for a grant to assist in financing the reconstruction.

Funds Asked
GYMNASIUM Cost, $28,000
EAST NICOLAUS, Sutter Co., Calif.
One - story frame and stucco gymnasium.
Owner—Sutter Union High School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento
Application has been filed with the PWA for a loan and grant to finance structure.

New Bids Wanted—To Close Nov. 17, 7:30 P. M.
SCHOOL ADDITION Cost, $12,500
KERN COUNTY, Cal. Four miles south of Shafter.
One - story reinforced concrete addition to school (2 classrooms) tile roof ,wood sash, hardwood floors pine trim, two gas floor furnaces etc.
Owner—Rio Bravo School District.
Architect—Perrine & Mackie, 333 T. W. Patterson Bldg., Fresno.
On previous bid opening all bids were rejected.

Plans Awaiting State Approval
SCHOOL Cost, $7,000
POLLOCK PINES, Eldorado Co. Cal.
One-story frame school building (1 classroom).
Owner—Cedargrove School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans have been forwarded to the State Division of Architecture and upon approval bids will be asked.

Plans Being Prepared
SCHOOL Cost, $21,981
TERMINUS, San Joaquin Co., Calif.
One-story elementary school building (4 classrooms and 1 activity room).
Owner—Terminus Elementary School District.
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.
PWA has approved a grant of $10,-811.
Plans will be completed about November 20.

Plans Being Figured — Bids Close November 5, 7 P. M.
ADDITION Cost, $18,000
GREENFIELD, Monterey County.
One-story frame and stucco addition to high school (four classrooms), wood shingle roof, maple floors; no heating nor plumbing.
Owner—Greenfield Union High Sch. Dist. (I. G. Giacomazzi, Clerk of the Board of Trustees.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans and specifications obtainable from the architect upon deposit of $10.

Preparing Preliminary Plans
ADDITION Cost, $20,000
SOLEDAD, Monterey County.
Addition of two classrooms and enlarging auditorium (frame and stucco construction).
Owner—Mission Grammar School District.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Application has been filed with the PWA for a grant of 45% of the cost. An election will be held November 26 to vote bonds to complete financing.

No Bids Received
ROOFING Cost, $7,000
SAN JOSE, Santa Clara Co., Calif.
Repair roofing on men's gymnasium at State Teachers' College.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
The work will be readvertised.

Funds Allotted
RECON. SCHOOL Cost, $296,000
CROCKETT, Contra Costa Co., Calif.
Reconstruction of John Sweet Grammar School.
Owner—Crockett School District.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Engineer—Dewell & Earl, 55 New Montgomery St., San Francisco.
PWA has granted $133,526 representing 45% of estimated cost of labor and materials.

AWARDS RECOMMENDED
SALINAS, Monterey Co., Calif.—The Salinas City School District, R. D. Case, Secretary, has recommended to the PWA that contracts be awarded low bidders for furnishing and installing equipment and furniture for the Washington School.
Charles E. Butner, 51 Maple St., Salinas, architect.
Complete list of low bidders published October 16.

Plans Completed
ADDITION Cost, $7,000
PAJARO, Monterey Co., Calif.
Addition to grammar school (add one classroom, frame and stucco construction).
Owner—Pajaro Grammar School District.
Architect and Engineer—Chas. E. Butner, 51 Maple St., Salinas.
Bids will be asked shortly.

CONTRACT AWARDED
LOS ANGELES, Cal.—Pozzo Construction Co., 2403 Riverside Drive, awarded contract by Los Angeles board of education at $434,685 (accepting Bid No. 1 and Alternate Bid 1) for the construction of reinforced concrete administration, classroom, cafeteria, physical education and shop building at Western Dist. junior high school, 5931 West 18th Street. Sumner P. Hunt, architect; William Mellema, structural engineer; E. L. Ellingwood, mechanical engineer.

LOW BIDDER
LOS ANGELES, Cal.—J. K. Thomas, 700 Kress Bldg., Long Beach, submitted low bid to Los Angeles board of education at $457,159 (Bid No. 1) for reinforced concrete administration, classroom, shop, physical education and domestic science buildings to be erected at South Los Angeles junior high school, 234 East 112th St. Myron Hunt and H. C. Chambers, architects; E. L. Ellingwood, mechanical engineer; C. Deuel structural engineer.

CONTRACT AWARDED
LOS ANGELES, Cal.—Charles J. Dorfman, 124 N La Brea Avenue, awarded contract by Los Angeles Board of Education at $90,900, for additions to and the reconstruction of Bldg. "D" (boys' and girls' gymnasium) at the John Marshall high school, 3939 Tracy Street.
George M. Lindsay, architect; S. B. Barnes, structural engineer; O. W. Ott, mechanical engineer.

LOW BIDDER
LOS ANGELES, Cal.—N. A. Anderson, 422 Board of Trade Bldg., Los Angeles, submitted low bid to Los Angeles board of education at $123,268 (Bid No. 1) for six steel frame classroom bungalows, auditorium building, physical education building and craft building to be erected at Tujunga Dist. high school 10,629 Plainview Ave., Tujunga. Wm. V. Kernan, architect; Murray Erick, structural engineer, and Ralph E. Phillips, mechanical engineer.

Sub-Contracts Awarded
RECONSTRUCT AUDITORIUM
SALINAS, Monterey Co., Calif.
Reconstruction and earthquake proofing of the high school auditorium (enlarge the seating catics, dressing rooms, etc.)
Owner—Salinas Union High School District.
Architect—Chas. Butner, 51 Main St. Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Mill Work—Hart Mill Co., Jerrold & Napoleon Sts., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Plastering—Leonard Bosch, 621 Minna St., San Francisco.
Reinforcing Steel—Truscon Steel Co. 604 Mission St., San Francisco.
Lumber—Tynan Lbr. Co., E. Alisal, Salinas.
Readymix Concrete—Central Supply Co., Box 1150, San Jose.
Structural Steel—Fair Mfg. Co., 617 Bryant St., San Francisco.
Electric—Chas. Langlais, 472 Tehama St., San Francisco.
Heating & Ventilating—M. J. Reeves, 959 Natoma St., San Francisco.
Sheet Metal Work—Underwood and Williams, Salinas.

Funds Granted
GYM AND AUDITORIUM $24,980
CEDARVILLE, Modoc Co., Calif.
One-story frame and stucco auditorium and gymnasium. composition roof, concrete floors, maple floor in gymnasium (stage office locker rooms, showers, and toilets).
Owner—Surprise Valley Union High School District.
Architect—Howard Perrin, Klamath Falls, Ore.
A grant of $13,500 has been approved by the PWA.

Funds Asked
SCHOOL Cost, $14,000
SALINAS, Monterey Co., Calif.
One-story frame and stucco school building (two classrooms).
Owner—Buena Vista School Dist.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Application has been filed with the PWA for a grant of 45% of the cost of the project. A bond issue of $8,000 was recently approved.
(591) 1st report Sept. 2; 2nd report October 6, 1936.

Preliminary Plans Completed
SCHOOL Cost, $.....
SAN MATEO. Park Blvd. and Notre Dame Ave. (4.6-acre tract).
One-story frame and stucco elementary school building (8 classrooms, auditorium and kindergarten), Celotex walls and ceilings; each room 40x24 ft. (First unit, 3 classrooms).
Owner—San Mateo School District.
Architect—Will H. Toepke, 537 Call Bldg., S. F.
Final plans on the first unit will be complete in about three weeks.

Bids Wanted — To Close November 16, 8 P. M.
SCHOOL Cost, $16,350
ORANGEVILLE, Sacramento Co., Calif.
One - story frame and stucco school (four classrooms).
Owner—Orangeville School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento
PWA has approved grant of $7,380.

CONTRACT AWARDED
NAPA.—Thomas J. Kennedy, Box 83, Martinez, at $1,218, submitted low bid and awarded contract by the Board of Trustees of the Napa Union High School District for the construction and installation of a heating system in the Napa Union High School gymnasium.

CONTRACT AWARDED
LOS ANGELES, Calif.—Brunzell & Jacobson, 2150 Princeton Ave., were awarded contract by Los Angeles board of education, at $81,955, for construction of six standard 3-unit classroom bungalows, one standard double classroom bungalow, crafts building and physical education bungalow at El Sereno District high school, 2911 Eastern Ave. A. S. Nibecker, Jr., architect.

Completing Plans
GYMNASIUM Cost, $20,000
OAKDALE, Stanislaus Co., Calif.
One-story stucco gymnasium; shower and locker rooms.
Owner—Oakdale School District.
Architect—W. H. & Harold Weeks, 593 Market St.

Funds Asked
RECONSTRUCTION Cost, $84,000
ALAMEDA, Alameda Co., Cal. Alameda Ave. bet. Oak and Walnut.
Reconstruct auditorium at the Porter School.
Owner—Alameda City School Dist.
Architect—Andrew T. Hass, 525 Market St., San Francisco.
Structural Engineers—L. H. Nishkian, 525 Market St., and James Hamill, 381 Bush St., San Francisco.
Application has been filed with the PWA for a grant of $38,000.

16—BANKS, STORES AND OFFICES

Contract Awarded
ADDITION Cost, $50,000
SAN MATEO, Calif. 204 Third Ave.
Two-story annex (8 office suites) to be added to Medical Arts Bldg.
Owner—Val Arata.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Contractor—Charles Pedersen, 734 Prospect Row, San Mateo.

Preparing Working Drawings
MARKET Cost, $15,000
SACRAMENTO, Sacramento County, Calif. Ninth and S Sts.
One - story frame and stucco drive-in market building, cement slab on ground floor (90x115 ft.).
Owner—Herman T. Davis.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Bids will be asked within a few days.

Plans Being Figured—Bids Close November 2.
STORE Cost, $30,000
SANTA CRUZ, Santa Cruz Co., Cal
New store building (reinforced concrete construction).
Owner—Morris Abrams, Santa Cruz.

Architect — C. J. Ryland, Monterey and Carmel.
Plans and specifications obtainable from the owner.

Contract Awarded
STORE Cost, $27,000
FRESNO, Calif. SW Broadway and El Dorado Sts.
One-story reinf. concrete and steel store building (modernistic design; stucco exterior; L-shaped with area for drive-in service).
Owner—E. B. Thompson and M. D. Ducey.
Architect—Not Given.
Contractor—C. D. Brown, Fresno.

Contract Awarded
OFFICE BUILDING Cost, $9,000
LOS BANOS, Merced Co., Calif.
Rein. concrete office building; earthquake proof; air-conditioned; heating plant.
Owner—Coast Counties Gas & Electric Co.
Architect—Not Given.
Contractor—Clyde Jones, Los Banos.

Plans Being Figured
STORE BLDG. Cost, $18,000
OAKLAND, Alameda Co., Cal. Telegraph Ave. near 18th St.
One - story and basement concrete and steel store building.
Owner — Kushins and Sternberger, Oakland.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Plans are being figured only by Fred Muller, 1416 Jefferson Street. Oakland.

Low Bidder
SHOW ROOM Cost, $35,000
BURLINGAME, San Mateo Co., Cal.
One-story reinforced concrete automobile show room and sales building.
Owner—Chevrolet Motor Company.
Architect — Wm. H. Toepke, Call Bldg., San Francisco.
Low Bidder—H. H. Larson, 64 South Park St., San Francisco—$31,600.

Sub-Contracts Awarded
STORE Cost, $6,000
OAKLAND, Alameda Co., Cal. 8419 East 14th Street.
One-story store.
Owner—John Viera, 1726 87th Ave., Oakland.
Architect—Not Given.
Contractor—A. A. McDonald, 3136 Rawson St., Oakland.
Roofing—Heathorn Roofing Co., 354 Hobart St., Oakland.
Plumbing—Henry E. Lee, 1736 Fifth Ave., Oakland.
Sheet Metal and Tile Work—Central Sheet Metal & Roofing Co., 3246 Ettie St., Oakland.
Glass—East Bay Glass Co., 621 Sixth St., Oakland.
Lumber — Melrose Lumber Co., 1201 46th Ave., Oakland.
Painting—A. P. Brekenfelder, Oakland.
Lathing and Plastering—A. Cardonia Oakland.
Concrete — Norman MacLeod, Oakland.

Sub Contracts Awarded
ALTERATIONS
SAN JOSE, Santa Clara Co., Calif. 89 North First Street.
Modernization of first floor of the Sweigert Bldg. (two stores, show windows, bronze work).
Owner—Frank Marten, San Jose.
Architect—Not Given.
Contractor—George Honore, 136 Race St., San Jose.
Plumbing—Merritt & Son, 584 S. 1st St., San Jose.
Heating & Sheet Metal—Merritt & Son, 584 S. 1st St., San Jose.
Electric Wiring—Roy Butcher, 1020 Sherwood St., San Jose.
Tile Work—Simpson Tile Co., 46 W. Julian St., San Jose.
Glass—Christopher & Schmidt, 418 S. Market St., San Jose.
Iron Grille Work—Harold Hellwig, 150 S. Montgomery St., San Jose.
Foundations—J. C. Bateman, 201 S. Market St., San Jose.
Lumber & Mill Work—Chase Lumber Co., 547 W. Santa Clara St., San Jose.
Hardware—Farmers Union, 151 West Santa Clara St., San Jose.
Painting—Bud Gillicote, San Jose.
Lathing & Plastering—V. Plummer, San Jose.
Hollow Tile Shoring—George Kelly, San Jose

Plans Being Prepared.
MARKET Cost, $15,000
SACRAMENTO, Sacramento Co. Cal. Ninth and "S" Streets.
One - story frame and stucco market building, cement slab on ground floor (90x115-ft.)
Owner—Herman P. Davis.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Bids will be asked within a few days.

Preparing Plans
RAILWAY AND BUS DEPOT Cost, $500,000
SAN FRANCISCO. Fourth and Jessie Streets.
Two-story and basement railway & bus terminal.
Owner — Santa Fe Railway Co., 114 Sansome Street.
Plans by Engineering Dept. of the Owner.
Architect—H. L. Gilman.
Upon completion of plans and specifications they will be sent out to a selected list of contractors, according to M. C. Blanchard, Chief Engineer.

Plans Being Figured — Bids Close November 2, 11 A. M.
STORE & OFFICE BUILDING Cost, $20,000
MODESTO, Stanislaus Co., Calif.
One-story reinforced concrete store and office building.
Owner—Dr. F. C. Gould.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Sub Bids Being Taken
ALTERATIONS Cost, $30,000
OAKLAND, Alameda Co., Calif. SE 12th & Washington Sts.
Alterations to store bldg. (glass, brick work, plastering, plumbing, heating, electricity, pointing, Terrazzo, linoleum).
Owner—Stanford University & Firemen's Fund Ins
Lessee—Owl Drug Company
Architect—Not Given.
Contractor—Louis C. Dunn, 424 Monadnock Bldg., San Francisco.
Subs bids are being taken on all portions of the work by the contractor.

Contract Awarded
STORE Cost, $10,000
SAN FRANCISCO. SW Geary and Mason Sts.
Alteration to store building.
Owner—Mary Cryer, care Crocker First Natl. Bank.
Architect—Not Given.
Contractor—George Wagner, 181 So. Park St., San Francisco.

17— THEATRES

Contract Awarded
ALTERATIONS Cont. Pr., $10,000
SONORA, Tuolumne Co., Calif.
Alterations to theatre building.
Owner—A. D. Duchow.
Architect—S. Chas. Lee, 25 Taylor St., San Francisco.
Contractor—Anderson & Wright, Sonora.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif. 1069 Market St.
Alterations to theatre.
Owner—E. De Lear.
Architect—F. F. Amandes, 414 Dewey Blvd.
Contractor—Aetna Constr. Co., 238 Arleta Ave., San Francisco.

To Ask New Bids
ALTERATIONS Cost, $9,500
SAN FRANCISCO, Calif. Richmond District.
Alterations to theatre building.
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.

Plans Being Figured
ALTERATIONS Cost, $——
SAN FRANCISCO. SW Sutter and Stein Streets.
Alterations to theatre.
Owner—Uptown Amusement Co., 25 Taylor Street.
Architect—A. A. Cantin, 64 Pine St.
Structural Engineer—W. Adrian, 417 Market St.
Salih Bros., 25 Taylor St., are the only contractors figuring plans.

Contract Awarded
THEATRE Cont. Price, $36,695
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120-feet) air-conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 321 Bush Street, San Francisco.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.
Complete bids published Oct. 19.

Heating, Ventilating and Cooling Bids In—Held Under Advisement
THEATRE Cost, $65,000
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120-feet) air-conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 321 Bush Street, San Francisco.

18— WHARVES & DOCKS

BIDS WANTED
SAN JOAQUIN CO., Calif.—Until Nov. 9, 11 a.m., bids will be received by Eugene D. Graham, Clerk of the San Joaquin County Board of Supervisors for constructing ferry landings at Mandeville Ferry, across Connection Slough between Bacon Island and Mandeville Island about four miles north of Middle River Station of the Santa Fe Railroad.
Plans and specifications may be obtained at the office of the County Surveyor.

19—MISC. CONSTRUCTION

BUILDING SOLD
VALLEJO, Solano Co., Cal.—Mozier & Brown, Vallejo, at $625, were awarded contract by Vallejo Unified Board of Education to wreck George Washington Junior High School building, Ohio and Napa Sts.

Bids In—Under Advisement
RADIO STATION Cost, $17,000
SAN FRANCISCO, Calif. W. Bay View Park.
One-story and basement reinforced concrete radio broadcasting building.
Owner—Hearst Radio, Inc., Hearst Bldg.

Architect—Miss Julia Morgan, Merchants Exchange Bldg.
Engineer—W. L. Huber, First National Bank Bldg.
Radio Aerial—Bethlehem Steel Co., 20th and Illinois Sts.
Announcement will be made in about one month.

CONTRACT AWARDED

SAN FRANCISCO. — Freighters, Inc., Pier 5, San Francisco, at $600 per month, submitted the only regular bid received and awarded contract by the U. S. Engineer Office, Lieut.-Col. J. Dorst, District Engineer, 401 Customhouse, under Bid No. 868-37-54, for the lease of one diesel powered tug, for approximately four months.
The bid of Crowley Launch & Tugboat Co., at $1,750 per month, including operator, fuel, etc., was irregular.

CONTRACT AWARDED

SAN FRANCISCO. — Bethlehem Shipbuilding Corp., 20th and Illinois, at $1,667.85, completion of work in three days, submitted low bid and awarded contract by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Customhouse, under Bid No. 868-37-56, for drydocking and repairing the U. S. Dredge "Culebra."
Complete bids follow:
Bethlehem Shipbuilding Corp., $1,667.85; completion in three days.
Moore Dry Dock Co., $1,706.60; completion in four days.
General Engr. & Drydock Co., $1,727.85; completion in four days.

Contract Awarded
STUDIO BLDG. Cost, $20,000
FRESNO, Fresno Co., Calif. 1553 Van Ness Avenue.
Radio studio building.
Owner—James McClatchy Pub. Co.,
Architect—Not Given.
Contractor—Fisher & McNulty, 1226 Fulton St., Fresno.

Plans Being Prepared
LAUNDRY Cost, $.....
VISALIA, Tulare Co., Calif. East Mineral King Ave.
Two-story brick and steel modernistic laundry and dry cleaning plant (100x125 ft.): offices on second floor.
Owner—Visalia Steam Laundry & Dry Cleaning Company.
Architect—Not Given.

AWARD RECOMMENDED

LOS ANGELES.—E. C. Nickel, 912 Micheltorena St., Los Angeles, at $6,870, submitted low bid and recommended for award of contract by the Public Works Office, Headquarters, 11th Naval District, San Diego, under Spec. No. 8279, for construction of underground electrical distribution lines at the 11th Naval District (Fleet Aviation Facilities), Terminal Island, Los Angeles Harbor.
Gill Electric Co., San Diego, at $7,325, submitted second low bid.
Complete bids will be published shortly.

Contract Awarded
RADIO STA. Cont. Price, $15,000
SAN FRANCISCO. W Bay View Pk.
One - story and basement reinforced concrete radio broadcasting building.
Owner—Hearst Radio, Inc., Hearst Building.
Architect—Miss Julia Morgan, Merchants Exchange Bldg.
Engineer—W. L. Huber, First National Bank Bldg.
Contractor—F. C. Stolte Company, 3455 Laguna Ave., Oakland.
Radio Aerial — Bethlehem Steel Co., 20th and Illinois Streets.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Following bids received by the Oakland City Council, W. W. Chappell, City Clerk, for furnishing approximately 13,500 ft. of saturated paper-insulated, lead-covered cable, No. 16 AWG, as follows:
(1) 7,719 ft. of cable;
(2) 5,860 ft. of cable.
General Electric Co., Graybar Elec. Co., Westinghouse Elec. Co., and General Cable Corp., identical bids at (1) $3,999.13; (2) $458.72.
John Roebling's Sons Co., and Gillson Electric Co., identical bids at (1) $4,515.62; (2) $468.80.
Kellog Switchboard Co.: (1) $4,881.64; (2) $539.

BIDS OPENED

SAN FRANCISCO. — Inlaid Floor Company, 600 Alabama St., at $125, submitted only bid to Department of Public Works, Room 251, City Hall, under Bid No. 4929, for sanding hardwood floor and finishing with one coat of wax the grill room in basement of opera house and space in front of bar, including three alcoves.
Bid held under advisement.

CONTRACTS AWARDED

SALT RIVER PROJECT, Arizona.—Lakeside Bridge & Steel Co., Milwaukee, at $2,453.07, for materials for alterations to radial gates; and John W. Beam Co., Denver, at $4,744.42, for spiral stairways, awarded contracts by the Bureau of Reclamation, Denver, under Spec. No. 835-D, for furnishing materials for the spillways at the Horse Mesa Dam, Salt River Project.
As previously reported, contract for furnishing nine motor-driven reduction units and miscellaneous parts awarded Commercial Iron Works, Portland, at $11,412.25.

BIDS OPENED

OAKLAND.—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $55,780 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Spec. No. L.S. 185, for furnishing 74,000 l.f. of cast-iron pipe, as follows:
(1) 20,000 l.f. 4-in. diam.;
(2) 40,000 l.f. 6-in. diam.;
(3) 10,000 l.f. 8-in. diam.;
(4) 4,000 l.f. 16-in. diam.
Complete bids follow:
U. S. Pipe & Foundry Co.—(1) $8,600; (2) $25,200; (3) $10,500; (4) $11,480; total, $55,780.
American Cast Iron Pipe Co.—(1) $8,760; (2) $25,800; (3) $10,600; (4) $12,260; total, $57,520.
Florence Pipe & Foundry—(1) $9,200; (2) $26,000; (3) $10,900; (4) $12,480; total, $58,580.
Pacific States Cast Iron Pipe Co.—(1) $8,800; (2) $26,400; (3) $11,000; (4) no bid.

BIDS OPENED

OAKLAND.—General Welding Co., at $3,690, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Proposal No. 183, for approximately 9,000 l.f. of electric welding of 26,000 ft. of 36-in. steel pipe.
Complete bids follow:
General Welding Co. $3,690
W. E. Thomas, Oakland 3,960
Steel Tank & Pipe Co., Berkeley 4,860

BIDS OPENED

OAKLAND.—Johns-Manville Sales Co., 1605 Jefferson, Oakland, at $4,527.50, submitted the only bid received by the East Bay Municipal Utility District, John Kimball, Secretary, under Proposal No. 184, for furnishing 2,500 l.f. of 4-in. and 5,000 l.f. of 6-in. asbestos cement water pipe.

BIDS OPENED

LOS ANGELES.—Bethlehem Fabricators, Inc., Bethlehem, Pa., submitted the low bid to the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, at $4.923c lb. (total, $8730), for furnishing 176,000 lbs. fabricated steel and other metal work incidental to the complete framework for the Pacific Electric Railway Covina line railroad bridge over Rubio Wash near San Gabriel. Circ. Prop. No. 213.
The other bids were:
Minneapolis-Moline Power Implement Co., 5.14c lb.; total, $9046.40.
Identical bids at 5.38c lb., total $9468.80, were submitted by Consolidated Steel Corp. and Bethlehem Steel Co.
Ingalls Iron Works, San Francisco, 5.595c lb.; total, $9511.50.

BIDS OPENED

OAKLAND. — Following bids received by the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L.S. 182, for furnishing 18,900 tons crushed rock, gravel and sand.
Schedule 1—Delivery f.o.b. Corporation Yard, 21st & Adeline Sts., bids on sand and gravel only, identical at $972, submitted by Powell Bros.; Contra Costa Bldg. Materials Co.; Chas. S. Hughes; Rhodes & Jamieson, Ltd.; Transit Concrete, Ltd.; Henry Cowell Lime & Cement Co.; Central Bldg. Materials Co., and Rhodes & Kennedy, Inc.
Heafey Moore Co.—Schedule 1: rock, gravel, and sand, f.o.b. Corporation Yard, 21st & Adeline Sts., $10,875; Schedule 2, f.o.b. Utility District trucks, $14,080.
Hutchison Co.—Schedule 1: $10,875; Schedule 2, $15,780.
Blake Bros.—Schedule 1: $10,875; Schedule 2, $12,900.

BIDS OPENED

OAKLAND.—Identical bids at $2,654.04 for furnishing miscellaneous ells and couplings, under Proposal No. 806, were received by the East Bay Municipal Utility District, John Kimball, Secretary, from the following:
Tay-Holbrook; American Brass & Copper Supply; Meyer & Wirthinger; Oakland Plumbing & Supply; Crane Co.; Moran Plumbing & Supply; Richmond Sanitary Co.; Walworth-California Co., and Grinnell Co.

BIDS OPENED

OAKLAND. — Following bids received by the East Bay Municipal Utility District, John Kimball, Secretary, under Proposal No. 805, for furnishing curb and corporation stops:
James Jones Co. $7,190
Mueller Co. 7,563
American Brass & Copper Supply Co. (partial bid, three items only)—$6,088.50.

BIDS OPENED

LOS ANGELES, Cal.—Pelton Water Wheel Co., 2919 19th Street, San Francisco, submitted the only bid to the Metropolitan Water Dist., Los Angeles, for furnishing one blowoff assembly, Spec. 177, consisting of (1) one 18-in. needle valve at $5161, and (2) one 30-in. butterfly valve at $2,810; no use tax. Total bid, $7971. Shipping weight: (1) 10,200 lbs., (2) 4930 lbs. Price fob San Francisco.

BIDS OPENED

SACRAMENTO CO., Calif.—Two identical bids were submitted to the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, October 27, at $761.89, for furnishing pipe and fittings, f.o.b. Wilton Rancheria in Sacramento County, under Invit. No. 0332, by American Pipe & Steel Co. and Crane Co. The items are:

(1) 700 l.f. 2-in. pipe, std. wt., dipped and wrapped, random lengths, with sleeve couplings threaded;
(2) 10 pieces 2-in. pipe, std. wt., galv., 3-ft. 9-in. long;
(3) 10 2-in. galv. tees;
(4) 10 2-in. plugs;
(5) 1380 l.f. 4-in. welded steel slip-joint drive pipe, 14 gauge, dipped and wrapped, 20-ft. lengths;
(6) 180 l.f. 4-in. welded steel slip-joint drive pipe, 14 gauge, dipped and wrapped, 20-ft. lengths with 2-in. threaded sleeve, coupling welded in middle;
(7) 2 4-in. 90-deg. ells, 3 piece, 14 gauge drive, dipped only;
(8) 1 same except with 2-in. threaded sleeve coupling welded to form 4x2x4-in. tee.

The unit bids were: (1) $24.52; (2) $1.10; (3) 57c; (4) 11c; (5) 33½c; (6) 52¼c; (7) $4.72; (8) $6.66. Discount items Nos. 1 to 4, 2%. Items Nos. 5 to 8, net.

BIDS OPENED

SAN FRANCISCO. — Enterprise Foundry Corp., 2902 19th Street, at $150 per ton, total $1,500, submitted only bid received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1666, for furnishing approximately ten tons of cast iron specials for the high pressure water system (WPA).

BIDS OPENED

SAN FRANCISCO. — The San Francisco Water Department, at $380 for 20 6-in. bell end cast-iron tapping valves, and at $1,645 for 100 6-in. bell end cast-iron gate valves, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1664.

M. Greenberg's Sons, at $600 for 6-in. tapping valves, and at $2,000 for 6-in. gate valves, submitted the only other bid.

CONTRACT AWARDED

SAN FRANCISCO. — Inlaid Floor Co., 600 Alabama St., at $125 awarded contract by Department of Public Works, City Hall, under Bid No. 4929 for sanding hardwood floors and finishing with one coat of wax the grill room in basement of the opera house and space in front of bar, including three alcoves.

BIDS OPENED

SAN FRANCISCO.—D. N. and E. Walter Co., 562 Mission St., at $1,827.20 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1667, for furnishing venetian blinds for the city hall.

The other bids were:

Gunn, Carle & Co. $1,970.00
A. J. Ruhlman & Co., Inc. 2,697.25

CONTRACT AWARDED

LOS ANGELES, Calif.—Consolidated Steel Corp., 6500 E. Slauson Avenue, awarded contract by the U. S. Engineer Office at $19,035 for furnishing 270,800 lbs. fabricated steel and other metalwork for the Jackson St. bridge at crossing of Jackson St. over Verdugo Wash, Glendale. Circ. Prop. No. 156.

CONTRACT AWARDED

LOS ANGELES, Calif. — Consolidated Steel Corp., 6500 E. Slauson Ave., awarded contract by the U. S. Engineer Office, at $19,710, for furnishing 270,000 lbs. fabricated steel and other metalwork for the Glenoaks Blvd. bridge at the crossing of Glendale Blvd. over Verdugo Wash, Glendale. Circ. Prop. No. 15.

CONTRACT AWARDED

LOS ANGELES.—Bethlehem Fabricators, Inc., Bethlehem, Pa., awarded contract by the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, at 4.923c lb. (total, $8730), for furnishing 176,000 lbs. fabricated steel and other metal work incidental to the complete framework for the Pacific Electric Railway Covina line railroad bridge over Rubio Wash near San Gabriel. Circ. Prop. No. 213.

BIDS OPENED

SACRAMENTO, Cal. — Following bids received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 37-31, for furnishing 600 round timber piles, 20-ft. long.

Daugherty Lumber Co., Cottage Grove, Ore.: $0.07 per l.f.; total $840; fob Cottage Grove; 2% 10 days; delivery in 15 days.

Chas. R. McCormick Lumber Co., San Francisco: $0.0825 per lf.; total, $990; fob Eugene, Ore.; no discount.

Chapman Lumber Co., Portland: $1.55 each; total, $930; fob Eugene, Bear Creek, Crestwell and Jasper, Ore.; discounts, 2% 20 days, 1% 30 days.

San Joaquin Lumber Co., Stockton: $1.80 each; total, $1080; fob Eureka and Riddle, Ore.; 2% 30 days.

Diamond Match Co., Chico: $2.20 each; total, $1,320; fob Eugene, Jasper and Crestwell, Ore.; 2% 30 days.

James L. Hall Co., San Francisco: $0.10 per l.f.; total, $1,200; fob Roy, Banks, Yamhill, Wilhemina, Hillsboro, Ore.; 2% 10 days.

Thompson Lumber & Piling Co., Portland: $1.39 each; total, $834; fob Bear Creek, Jasper and Crestwell; 2% 10 days.

CONTRACT AWARDED

OAKLAND.—General Electric Co., at $4,457.85, awarded contract by the Oakland City Council for furnishing approximately 13,500 ft. of saturated paper-insulated lead-covered cable, No. 16 AWG.

BIDS OPENED

SALT RIVER PROJECT, Arizona.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 699, for furnishing one 40-ft. x 44.5-ft. regulating gate, gate frame, metalwork for gate counterweight, and motor-driven gate hoist for installation in the auxiliary spillway at the Horse Mesa Dam, Salt River Project, Arizona.

Consolidated Steel Corp., Los Angeles—(1) $37,645; (2) $36,027; (3) $11,300; (4) $45,950; 1, 3 & 4) $89,566; (2, 3 & 4) $87,961; f.o.b. Los Angeles; net.

S. Morgan Smith Co., York, Pa.—(4) $32,000; f.o.b. York; net.

Commercial Iron Works, Portland—(4) $38,900; f.o.b. Portland; net.

BIDS OPENED

OGDEN RIVER PROJECT, Utah.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 842-D. for furnishing: (1) bridge structural steel; (2) bridge cables; (3) welded plate steel pipe; for the suspension bridge across the Ogden River to support the Ogden Canyon siphon, and 31¼-inch inside diameter, welded, plate-steel pipe and appurtenances for the Ogden Canyon siphon on the South Ogden high line canal, Ogden River Project.

Virginia Bridge Co., Roanoke—(1) $5,732; f.o.b. Memphis; net.

American Steel & Wire Co.—(2) $1,775; f.o.b. Ogden; 2% 10 days.

Alco Products, Inc., New York—(3) $7,500; f.o.b. Dunkirk, N. Y.; net.

J. A. Roebling Sons Co., Trenton—(2) $1,904; f.o.b. Ogden; 2% 10 days.

Provo Foundry & Machine Co., Provo—(1) $7,800; (3) $8,930; f.o.b. Ogden; ½% 10 days.

J. W. Beam, Denver—(1) $8,500; f.o.b. Peotone, Ill.; ½% 10 days.

Western Pipe & Steel Co., San Francisco—(3) $9,298; f.o.b. South San Francisco; net.

Bethlehem Steel Co., New York—(1) $8,142; (3) $8,320; f.o.b. Chicago; net.

Bethlehem Steel Co., New York—(2) $1,554; f.o.b. Trenton; net.

Dravo Contr. Co., Pittsburgh—(3) $10,965; f.o.b. Neville Island; net.

Berkeley Steel Constr., Inc., Berkeley—(1) $7,400; (3) $6,983; (1 & 3) $14,200; f.o.b. Berkeley; ½% 10 days.

California Steel Products Co., San Francisco—(1) $5,792; f.o.b. S. F.; net.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 4, 1:45 P. M., informal bids will be received by Department of Public Works, Room 251, City Hall, (under Bid No. 4997) for acoustical treatment of the small room in the Assessor's Department to be used for addressograph equipment.

Specifications obtainable from office of City Architect Chas. H. Sawyer, Room 265, City Hall. No deposit required.

For

Perfect Light Control - Perfect Ventilation

VENETIAN BLINDS

Three Grades

WALCO **PEERLESS** **REGAL**

Manufactured By

D.N.&E. WALTER & CO.

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ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
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28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

SUB CONTRACTS AWARDED

SAN FRANCISCO.—Following sub contracts awarded by the Pacific Bridge Co. and Barrett & Hilp, general contractors, in connection with the paving of the main spans and approach spans of the Golden Gate Bridge:

Concrete—Pacific Coast Aggregates, Inc., 85 Second St., S. F.

Placing Reinforcing Steel—Concrete Engineering Co., 1280 Indiana St., San Francisco.

CONTRACTS AWARDED

MADERA CO., Calif.—Bids for furnishing approximately 132,000 ft. b.m. of lumber for the Stitt and Kendal bridges, and for furnishing and driving 80 piles were opened by the Madera County Board of Supervisors, L. W. Cooper, Clerk, and contracts awarded as follows:

Roy Probert, Chowchilla, at $480 for furnishing 80 piles.

Hammond Lumber Co., Madera, at $3,855.96, for furnishing bridge lumber.

William C. Horn Co., 465 E. Holt Ave., Pomona, at $1,478.40, for driving 80 piles.

Complete bids follow:

Roy Probert, Chowchilla: Furnishing 80 piles, $480; Lumber for Stitt Bridge (67,977 bd. ft.), $1,944.03; Lumber for Kendall Bridge (64,141 bd. ft.), $1,842.27.

Hammond Lumber Co., Madera: Lumber for two bridges, $3,855.96.

William C. Horn Co., Pomona: Driving 80 pilings, $1,478.40; Furnishing pilings, $15.36; Furnishing and driving 80 piles, $2,956.80.

Chowchilla Lumber Co., Chowchilla: Lumber for two bridges and furnishing 80 piles, $5,404.71.

Thorsten & Dahl, Los Angeles: Driving 80 piles, $1,600.

CONTRACT AWARDED

KERN CO., Calif.—Carl Ingalls, Inc., P.O. Box 1593, Bakersfield, at $7,637.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for constructing a reinforced concrete bridge across Calloway Canal, two miles west of Bakersfield, consisting of ten 16-foot spans.

BIDS WANTED

BENTON CO., Oregon.—Until Nov. 5, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for the construction of two bridges and 1.045 miles of grading and surfacing on the Alsea-South Fork Section of Alsea - Deadwood Highway, Benton County.

The improvements will consist of the construction of approximately 1.045 miles of highway roadbed with gravel surfacing, 1,440 lineal feet of gravel dike, 3,400 lineal feet of channel changes, and two bridges requiring approximately 24,000 cubic yards highway embankment, 7,000 cu. yds. dike embankment, 2,100 cubic yards gravel surfacing, 240 cubic yards of structural excavation, 370 cu. yds. of concrete, 58,000 pounds metal reinforcement, 144,000 pounds structural steel, 590 lineal feet concrete handrail, 550 lineal feet treated piling, and 22 MFBM treated lumber.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.00 per set.

BIDS WANTED

BAKERSFIELD, Kern Co., Cal.—Until Nov. 9, 11 A. M., bids will be received by the Kern county supervisors, F. E. Smith, Clerk, Court House, Bakersfield, for the construction of a timber bridge over the Beardsley Canal on Underwood Road in accordance with plans and specifications which may be obtained at the office of J. R. Thornton, county surveyor. Cash or certified check or bond for 10% must accompany each proposal.

The work involves:

(1a) excavation;
(1b) embankment;
(2a) 25.236 MFBM redwood timber in place;
(2b) 16.476 MFBM Douglas fir timber in place;
(3) 2 fire barrels in place, complete.

LOW BIDDER

MARICOPA CO., Arizona.—Vinson & Pringle, 919 E. Madison, Phoenix, at $44,620, submitted low bid to the Arizona State Highway Commission, Phoenix, for constructing the McClintock Avenue overpass on the Tempe-Chandler Highway, WPGS 126, A.F.E. 618. The work, which is located about 1 mile east and ¼ mile south of the city limits of Tempe, consists of the construction of a concrete and steel overpass structure and earthwork approaches, and is to be completed on or before June 30, 1937.

The principal items and approximate quantities are:

47,800 c.y. imported borrow (CIP);
1,300 c.y. select material (CIP);
200 c.y. Class A concrete;
27,200 lbs. reinf. steel;
61,800 lbs. struc. steel;
652 l.f. corru. metal pipe (3 sizes);
2,432 l.f. road guard;
720 l.f. 8x8-in. steel H-column piles 18 each, driving do;
600 l.f. 10x10-in. steel H-col. piles; 15 each driving do;
634 tons cutback mix;
75 tons plant-mix seal coat;
1,140 M. gals. sprinkling;
450 hours rolling;
and other incidental items.

Tiffany Construction Co., Phoenix, submitted the second low bid at $45,726.

CAPITAL CITY TITLE COMPANY

J. C. PALEN.
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

SAN BERNARDINO CO., Cal. and Yuma Co., Ariz.—Until Nov. 17, 2:30 P. M., bids will be received by the Bureau of Public Roads, Federal Office Building, San Francisco, C. H. Sweetser, District Engineer, for constructing the Parker Bridge and approaches, California - Arizona Federal Lands Highway Project No. 8, in Yuma County, Arizona, and San Bernardino County, Calif., a length of 0.84 mile.

The proposed structure across the Colorado River at Parker, will be 675 feet in length, of concrete and steel construction and will cost approximately $150,000.

The principal items of work involved are:

(1) 130 units of clearing;
(2) 38,550 c.y. unclass. excav.;
(3) 265 c.y. do, for structures;
(4) 120,200 sta. yds. overhaul;
(5) 0.716 mile finishing earth graded roads;
(6) 994.5 c.y. concrete;
(7) 120,034 lbs. reinforcing steel;
(8) 550,000 lbs. structural steel;
(9) 208 l.f. CGS metal pipe;
(10 7,200 l.f. structural steel piling;
(11) 93,000 lbs. steel sheet piling;
(12) 500 c.y. loose riprap;
(13) 2,700 l.f. wood guard rail;

Plans and specifications obtainable from the offices of the Bureau of Public Roads, Federal Office Bldg., San Francisco, and New Post Office Bldg., Phoenix, Ariz., upon deposit of $10.00.

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until November 2, 5 p.m. (to be opened at 8 p.m.), bids will be received by the Bakersfield City Council, V. Van Riper, City Clerk, for the construction of a reinforced concrete culvert over Kern Island Canal at 24th St. Estimated cost, $4,500.

Plans and specifications obtainable from the above office.

Joe Holfelder, City Engineer.

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until November 2, 5 p.m. (to be opened at 8 p.m.), bids will be received by the Bakersfield City Council, V. Van Riper, City Clerk, for the construction of a reinforced concrete culvert over Kern Island Canal at Eighth Street. Estimated cost, $5,500.

Plans and specifications obtainable from the above office.

Joe Holfelder, City Engineer.

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

PEARL HARBOR, T. H.—Bids are being received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8360, for construction of reinforced concrete fleet moorings at the 14th Naval District, Pearl Harbor, T. H. Estimated cost, $220,000.

Plans and specifications obtainable from the above office, from the Commandant, 14th Naval District, Pearl Harbor, and from the Commandant, 12th Naval District, Federal Office Bldg., San Francisco, upon deposit of $25.

BIDS OPENED

STOCKTON, San Joaquin Co., Cal. —Delta Constr. Co., 30 S. San Joaquin St., Stockton, at $0.065 per c.y., submitted low bid to Ohm & Raab, civil engineers, 109 E. Weber Ave., Stockton, for sloping about 2,700 l.f. of river levee located about 15 miles from Stockton for Union Island Reclamation District No. 1. The work will involve about 25,000 c.y. of material.

Work will require a dragline having a boom reach of about 40 feet or more.

Complete bids follow:

Delta Constr. Co., Stockton	$0.065
H. T. Webb, Stockton	.08
Delta Dredging Co., Pittsburg	.97
E. L. Lilly, Stockton	.10
Mike Malfitano & Son, Pittsburg	.145

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STOCKTON, San Joaquin Co., Cal. —Delta Constr. Co., 30 S. San Joaquin St., Stockton, at $0.065 per c.y., submitted low bid to Ohm & Raab, civil engineers, 109 E. Weber Ave., Stockton, for sloping about 2,700 l.f. of river levee located about 15 mi. from Stockton for Union Island Reclamation District No. 1. The work will involve about 25,000 c.y. of material.

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Delta Dredging Co., Pittsburg	.97
E. L. Lilly, Stockton	.10
Mike Malfitano & Son, Pittsburg	.145

BIDS OPENED

DOUGLAS COUNTY, Ore. — Kern & Kibbe, 2 SE Salmon, Portland, at $939,405 submitted only bid received by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Bid No. 698-37-132, for repairing and extending the south jetty at the mouth of the Umpqua River, Douglas County, requiring the construction and repair of tramways and the furnishing and placing of about 500,000 tons of stone and 9,200 tons of asphaltic concrete binder.

The work involves:

(1) 52,000 l.f. Douglas fir piling;
(2) 3,000 l.f. piling, cut-off, at 1/3 the price bid for piling in place;
(3) 420 MBM Douglas fir lumber;
(4) 9,000 lbs. drift bolts;
(5) 17,000 lbs. machine bolts, including washers;
(6) 12,000 lbs. spikes, ship and wire;
(7) 9,000 lbs. railroad spikes;
(8) 95 tons steel rails, 75-lb. relay, including splice bars and bolts;
(9) 2 sets, frogs and switches, complete, including guard rails, stands, etc.;
(10) 8,000 l.f. wire cable, not less than ⅝-in. diam.;
(11) 6,000 lbs. steel straps;
(12) 80 each, metal pile shoes;
(13) 500,000 tons stone, including 70,000 tons of maintenance stone;
(14) 9,200 tons asphaltic concrete, about 18% asphalt content by weight;
(15) Lump sum, removing accumulated sand and drift from land trackage and tramway;
(16) 25,000 l.f. of rail, removal and storage of steel rails, including splice bars, and switches, complete;
(17) Lump sum, removal and storage of track scale.

23— CANALS

BIDS WANTED

OWYHEE PROJECT, Oregon.—Until November 12, 10 a.m., bids will be received by the Bureau of Reclamation, Ontario, Oregon, J. Newell, Constr. Engineer, under Spec. No. 851-D, for the construction of earthwork and structures, Bench laterals, Dead Ox Flat division, Owyhee Project, Oregon-Idaho.

The work is located near Weiser, Idaho, and the principal items of work involved are:

(1) 32,300 c.y. excavation for laterals;
(2) 70,000 sta. c.y. overhaul;
(3) 2,440 c.y. excavation for structures;
(4) 3,800 c.y. backfill about structures;
(5) 260 c.y. concrete in structures;
(6) 275 sq. yds. dry-rock paving;
(7) Placing 13,000 lbs. reinforcement bars;
(8) Erecting 12 MFBM timber in structures;
(9) Laying 6,420 l.f. 15-in. to 42-in precast concrete pipe;
(10) Erecting 40 l.f. No. 30 metal flume;
(11) Installing 8,000 lbs. of gates and gate hoists.

Work shall be commenced within 30 calendar days and completed within 120 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, Ontario, Oregon, or Denver, Colorado, without charge to prospective bidders, to others, $2.75, not returnable.

BIDS WANTED

BUTTONWILLOW, Kern Co., Cal. —Until November 17, 2 P. M., as previously reported, bids will be received by the Board of Directors of the Buena Vista Water Storage District, P. C. Cantrell, Resident Manager, J. E. Woolley, Secretary, for the reconstruction of approximately five miles of the East Side Canal, involving approximately 38,000 c.y. of excavation.

The amount of material to be removed averages 1.6 c.y. per running foot of canal. The job is located 3 miles from Buttonwillow and 29 miles from Bakersfield.

Plans and specifications obtainable from the above office at a charge of $3 per set.

Engineering work supplied by Miller & Lux engineering department.

BIDS WANTED

STOCKTON, San Joaquin Co., Cal. -Until October 30, 5 P. M., bids will oe received by Ohm & Raab, civil engineer, 109 E Weber Ave., Stockton, for lining approximately 9,700 feet of earthen canal with concrete having a thickness of 3-inches.

The finished canal will have a two foot bottom width and a depth of 3.4 feet with side slopes 1¼ to 1.

The work is located about 9 miles from Stockton.

Plans and specifications obtainable from the above office.

24—STREET LIGHTING

CONTRACT AWARDED

SAN FRANCISCO.—H. C. Reid & Co., 389 Clementina St., at $7,550.00 awarded contract by Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 17, for constructing a street lighting system in Bryant Street.

Complete bids published October

25—MACHINERY AND EQUIPMENT

BIDS OPENED

ALL-AMERICAN CANAL, Cal.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 846-D, for furnishing nine 35-ft. 8-in. x 14-ft. 6-in. radial gates; twelve 16-ft. x 7-ft. radial gates, and fourteen 21-ft. x 17-ft. 6-in. radial gates for the Gila Valley canal headworks and for the sluiceway and the by-pass and influent channels at the Imperial Dam, All-American Canal System:

American Bridge Co., Denver: (1) $32,522; (2) $12,506; (3) $22,111; fob Ambridge, Pa.; net.

Wisconsin Bridge & Steel Co., Milwaukee: (1) $40,400; (2) $22,100; (3) $36,100; fob Milwaukee; net.

Lakeside Bridge & Steel Co., Milwaukee: (1) $24,892; (2) $8,420; (3) $16,192; (1, 2 and 3) $47,719; fob Milwaukee; net.

Pacific Iron & Steel Co., Ltd., Los Angeles: (1) $27,927; (2) $8,930; (3) $19,377; fob Lynwood; net.

Berkeley Steel Const. Co., Inc., Berkeley: (1) $31,000; (2) $8,950; (3) $18,500; (1, 2 and 3) $57,400; fob Berkeley; ½% discount.

Bethlehem Steel Co., Bethlehem, Pa.: (1) $38,820; (2) $15,460; (3) $30,620; fob Chicago; net.

Koppers Co., Bartlett Hayward Division, Baltimore: (1) $34,000; (2) $11,000; (3) $21,500; (1, 2 and 3) $64,500; fob Potholes; ½% discount.

Consolidated Steel Corp., Ltd., Los Angeles: (1) $32,650; (2) $11,766; (3) $19,994; (1 and 2) $43,528; (2 and 3) $31,125; (1 and 3) $51,591; (1, 2 and 3) $62,794; fob Los Angeles; net.

S. Morgan Smith Co., York, Pa.: (3) $26,900; fob York; net.

BIDS OPENED

SAN FRANCISCO—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1659, for furnishing outlet valves for the O'Shaughnessy Dam:

(1) One 72-inch manually operated butterfly valves, complete with operating mechanism, companion flanges, and all other necessary appurtenances.
(2) One 72-inch balanced needle type regulating valves, complete with operating mechanism, companion flanges, and all other necessary appurtenances.

Pelton Water Wheel Co., 2929 19th St., San Francisco: (1) $7,225; (2) $24,333; total, $31,558.

Hardy-Tynes Mfg. Co.: (1) $8,020; (2) $26,055; total, $34,075.

Joshua Henda Iron Works: (1) $6,590; (2) no bid.

CONTRACTS AWARDED

BOULDER CITY, Nevada. — The Bureau of Reclamation, Denver, has awarded contracts for furnishing oscillographs, electrical testing apparatus, etc., under Spec. No. 813-D, as follows:

General Electric Co., Schenectady, N. Y.—(1) automatic oscillographs, $11,819.60; (3) electrical testing apparatus, $1,540.50; (4) three portable standard watt-hour meters, $300; (10) three register boxes, $130; (11) one surge-crest ammeter, $111.50.

Westinghouse Elec. & Mfg. Co., Pittsburg—(2) laboratory-type oscillographs, $1,540.50.

Gray Instrument Co., Philadelphia—(7) potentio-meters, galvanometers, volt-box, etc., $924.

Beck Co., Philadelphia—(9) eight slide wire rheostats, $96.

International Business Mach. Co., Denver—(17) three electric time stamps, $370.50.

Graybar Elec. Co., Washington, D.C.

—(5) phase shifter and single-phase phantom load, $429.
Complete bids published Aug.

BIDS OPENED

OWYHEE PROJECT, Oregon-Idaho.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 840-D, for furnishing the following equipment for installation in the Dead Ox Pumping Plant, Owyhee Project, Oregon-Idaho:

(1) One 69,000-volt, 3-phase lightning arrester;
(2) Three 69,000-volt expulsion-type fuses;
(3) One 69,000-volt, three-pole, single-throw, gang-operated, air-break switch;
(4) 2,300-volt switching equipment, complete with circuit breakers and control apparatus.

Complete bids follow:

General Electric Co., Schenectady—(1) $1,874.16; (2) $351; (3) $686; (4) $12,144.
Westinghouse E. & M. Co., Denver—(1) $1,874.16; (3) $686; (4) $12,255.
Graybar Electric Co., Denver—(1) $1,874.16; (3) $686.
Roller Smith Co., Bethlehem—(4) $7,177; f.o.b. Bethlehem.
Royal Elec. Mfg. Co., Chicago—(2) $261; (3) $460.
Electric Power Equipment Corp.—(2) $351; (3) $686.
Railway & Industrial Engrg. Co., Greensburg, Pa.—(2) $342; (3) $686.
Bowie Switch Co., San Francisco—(2) $284.28; (3) $686.
Pacific Electric Mfg. Co., San Francisco—(2) $284.28; (3) $686.
Southern States Equip. Co., Birmingham—(2) $318.50; (3) $653.
Johnson Mfg. Co., Atlanta—(2) $331.87; (3) $457.56.
Electrical Engineers Equipment Co., Melrose Park, Ill.—(3) $686.
Hi-Voltage Equip. Co., Cleveland—(3) $686.
Delta Star Co., Chicago—(3) $686.

All bids f.o.b. Ontario, Oregon, except Roller Smith Co., which is f.o.b. Bethlehem.

AWARD RECOMMENDED

TERMINAL ISLAND, Los Angeles Co., Cal.—Pennsylvania Iron & Steel Co., 2308 Santa Fe Ave., Los Angeles, at $4,039, submitted low bid and recommended for award of contract by the Public Works Officer, 11th Naval District, San Diego, under Spec. No. 8278, for furnishing and installing six jib cranes at the 11th Naval District (Fleet Aviation Facilities), Terminal Island, Los Angeles Harbor.

The other bids were:
Pacific Iron & Steel Co., $4044.
Kyle Steel Construction Co., $4274.
California Steel Products Co., $4464.
Consolidated Steel Corp., $4495.

BIDS OPENED

ALL-AMERICAN CANAL.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 844-D, for furnishing: (1) 36 Type A assemblies; and (2) 36 Type B assemblies (valves, pipe, and appurtenances) for pedestals of revolving scrapers for the desilting works at the Imperial Dam, All-American Canal System:

The Dorr Co., Denver—(1) $19,200; (2) $14,850; (1 & 2) $34,050; f.o.b. Denver; net.

Long Beach Iron Works, Long Beach—(1) $17,000; (2) $14,500; (1 & 2) $30,238; f.o.b. Long Beach; net.

Associated Piping & Engrg. Co., Los Angeles—(1) $19,657; (2) $14,400; f.o.b. Los Angeles; 2% discount.

Enterprise Foundry Corp., San Francisco—(1) $18,000; (2) $14,000; f.o.b. San Francisco; net.

Commercial Iron Works, Los Angeles—(1) $36,800; (2) $31,900; 1 & 2) $68,700; f.o.b. Los Angeles; 2% discount.

Los Angeles Valve & Fittings Co., Los Angeles—(1) $18,925; (2) $15,000; f.o.b. Potholes; net.

26— RAILROADS

BIDS OPENED

SACRAMENTO, Calif.—Gamewell Co., 7 Front St., San Francisco, at $177,140 (less allowance for used equipment) submitted low bid to the Sacramento City Council for furnishing and installing a complete fire and police alarm system, exclusive of building.

Only other bid received was submitted by Luppen & Hawley, Inc., 3126 J St., Sacramento, at $208,968 (less used equipment).

The work involves:

(A) Furnishing and installing all central fire alarm equipment in a central office building to be constructed by the city in the block bounded by 27th, 28t, P and Q Streets;
(B) Furnish and install 114 new fire alarm boxes;
(C) Furnish and install new code wheels and number plates and necessary quick-acting doors on all boxes now installed;
(D) Furnish and install new engine house outfits;
(E) Furnish and install 11 police flashlights and control relays and control equipment at Police Headquarters, located at 6th and H streets;
(F) Furnish and install eight traffic warning signals, at or near fire engine houses;
(G) Furnish and install all necessary underground cable and aerial circuits to connect the above equipment to the Central Fire Alarm Office and Police Headquarters.

Total cost of the system, including construction of the building, is estimated at $268,230. A grant of $120,703.00 was recently allotted by the PWA.

29— STREETS AND HIGHWAYS

BIDS WANTED

IMPERIAL CO., Calif.—Until November 19, 2 p.m., bids will be received by State Division of Highways, State Highway Engineer C. H. Purcell, State Bldg., Los Angeles, for grading, surfacing with gravel and treating with liquid asphalt about six miles and constructing a timber trestle, between Mulberry Avenue and Calipatria.

The work involves:

(1) 1,820 M. gals water;
(2) 73,000 c.y. roadway excavation without classification;
(3) 800 c.y. struct. excav.;
(4) 475,000 sta. yds. overhaul;
(5) 319 sta. finishing roadway;
(6) 18,000 tons gravel surfacing;
(7) 215 tons liq. asphalt, SC-2 (prime coat);
(8) 435 tons liq. asphalt, SC-3 (road-mix surf. treatment);
(9) 70,700 sq. yds. preparing, mix and shape roadbed;
(10) 600 sq. yds. lined gutters;
(11) 7,300 lbs. bar reinf. steel;
(12) 98 c.y. class A portland cement concrete (structures);
(13) 2 each, clearance markers;
(14) 8 MFBM Redwood timber, dense select, all-heart, struct. grade;
(15) 460 l.f. furnishing Douglas fir piles, treated;
(16) 18 each, driving Douglas fir piles;
(17) 1 only remove existing bridge;
(18) 390 l.f. 18-in. CMP;
(19) 130 l.f. 24-in. CMP;
(20) 80 l.f. 36-in. CMP;
(21) 120 l.f. 42-in. CMP;
(22) 96 l.f. 48-in. CMP;
(23) 40 l.f. 54-in. CMP;
(24) 2 each conc. joints for pipe culverts;
(25) 80 l.f. laminated guard railing;
(26) 42 each, culvert markers;
(27) 0.4 mile move and reset property fence;
(28) 56 each monuments.

NOTE: The State will furnish Corrugated Metal Pipe, as more explicitly set forth in the special provisions.

Plans and specifications may be obtained from the State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the district engineers in San Francisco, Los Angeles and San Diego.

BIDS REJECTED

COCONINO CO., Arizona.—The Bureau of Public Roads, C. H. Sweetser, District Engineer, has rejected all bids received September 22, for placing bituminous treated crushed rock surfacing on 8.639 mi. of Route 8, Grand Canyon National Park, Coconino County, Arizona.

Jack Casson, 319 Warren St., Hayward, at $73,075, submitted the lowest bid received. Engineer's estimate, $60,318.50.

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, Call Bldg., at $11,247 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,970, for the reconstruction of Battery Street between Market St. and the Embarcadero, a PWA project.

CONTRACT AWARDED

SAN FRANCISCO—Eaton & Smith 715 Ocean Ave., at $24,550 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,981, for the reconstruction of the roadway of 18th St. between Guerrero and Danvers Streets, a PWA project.

BIDS WANTED

STATE OF OREGON—Until Nov. 5, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction as follows:

CLATSOP CO.: North Fork Nehalem River Section of the Oregon Coast Highway; 0.896 mile of grading, surfacing and oil mat surface treatment; also construction of a 168-foot bridge consisting of a 100-ft. steel deck truss span on concrete piers and three composite trestle spans. Requires approximately 27,300 cu. yds. excavation; 4,000 cubic yards crushed rock; 700 cu. yds. salvaged surfacing materials; 9,500 sq. yds. oil mat surface treatment; 190 cu. yds. concrete; 38,000 lbs. metal reinforcement; 105,000 lbs. structural steel; 350 l.f. concrete handrail and 20 MFBM treated lumber.

DESCHUTES & KLAMATH COS.: Bend-Crescent Section of The Dalles - California Highway. Furnish 10,000 c.y. crushed rock in stock pile.

GILLIAM & WHEELER COS.: Condon-Fossil Section of John Day Highway. Furnish 6,300 c.y. crushed rock in stock pile.

GRANT COUNTY: John Day Rock Production Project on John Day and John Day-Burns Highways. Furnish 4,000 c.y. crushed gravel in stock pile. This project may be bid in combination with Burns Rock Production Project in Harney County.

HARNEY CO.: Burns Rock Production Project on Central Oregon

and John Day - Burns Highways. Furnish 5,600 c.y. crushed gravel in stock pile. This project may be bid in combination with John Day Rock Production Project in Grant County.

HARNEY CO.: Gap Ranch - Silver Creek Section of Central Oregon Highway; 2.33 miles of grading and 13.34 miles of gravel surfacing and road mix oil treatment. Reqiures approximately 7,600 c.y. embankment construction; 24,600 c.y. of pit-run gravel surfacing materials, and 156,-500 sq. yds. road mix surfacing.

JACKSON CO.: Eagle Point-Crater Lake Section of Crater Lake Highway. Furnish 26,100 c.y. crushed rock or crushed gravel in stock pile.

JACKSON CO.: Tolman Creek-Siskiyou Section of Pacific Highway; 3.69 miles gravel topping, 7.92 miles crushed rock surfacing, 7.92 miles bituminous macadam wearing surface and 2,000 c.y. crushed rock in stock pile. Requires approximately 4,000 c.y. excavation; 9,500 c.y. of gravel; 18,200 c.y. decomposed granite; 37,400 c.y. crushed rock, and 105,700 sq. yds. bituminous macadam wearing surface.

MALHEUR CO.: Pumping Plant Hill Section of Old Oregon Trail; 3.26 miles of grading and 1.43 miles of surfacing. Requires approximately 64,500 c.y. excavation; 102 c.y. concrete; 5,000 c.y. gravel, and 1,500 c.y. salvaged surfacing materials.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.00 per set.

BIDS WANTED

KING COUNTY, Wash.—Until November 6, 10 A. M., bids will be received by Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post office Bldg., Portland, for 2.55 miles grading Stevens Pass Highway, Snoqualmie National Forest, King County, Wash.

The principal items of work involved are:

(1) 32 acres clearing;
(2) 15 acres grubbing;
(3) 179,900 c.y. unclassified excav.;
(4) 160,000 sta. yds. overhaul;
(5) 15,000 c.y. subgrade reinf.;
(6) 2,55 miles finishing earth graded road;
(7) 3,000 c.y. mile overhaul;
(8) 15 acres roadside cleanup;
(9) 50 each, dangerous trees and snags;
(10) 13,000 l.f. rounding cut slopes;
(11) 76 c.y. Class A concrete;
(12) 9,000 lbs. reinforcing steel;
(13) 1,230 l.f. reinforced concrete pipe;
(14) 1,120 l.f. culverts (Alt.);
(15) 200 c.y. handlaid riprap.
(16) Lump sum, extra and miscellaneous force account work.

Plans and specifications obtainable from the above office upon deposit of $10.00.

LOW BIDDERS

MARICOPA CO., Arizona.—Arizona Sand & Rock Co., Box 1522, Phoenix, at $73,522, submitted low bid to the State Highway Commission, Phoenix, for highway improvement on the Phoenix-Glendale Highway, F.A. 33, reopened (1937), A.F.E. 6060, and the Phoenix-Prescott Highway, F.A. 48-A, reopened (1937), A.F.E. 6061. The work, which on F.A. 33, reopened (1937), begins about ¼ mi. northwest of Six Points at Phoenix and extends northwest about 2.6 mi., and F.A. 48-A, reopened (1937), begins at Glendale and extends northwest about 1¾ miles, consists of widening the existing pavement with cement concrete, furnishing and placing cutback plant mix, and miscellaneous grading and draining work, and is to be completed on or before June 30, 1937.

The principal items are:

1.75 miles grading roadway to section;
13,800 c.y. imported borrow (CIP);
350 M. gals. sprinkling;
150 hours rolling;
28,100 sq. yds. grading under pavement;
28,100 sq. yds. concr. pavement;
80 c.y. class A concrete;
7,200 lbs. reinf. steel;
5,300 l.f. line fence;
584 l.f. 18-in. concr. pipe;
166 l.f. 24-in. concr. pipe;
630 tons plant mix;
25 tons MC-5 cutback asphalt;
11 tons emulsified asphalt, class A;
74 tons screenings.

W. E. Hall Co., Phoenix, submitted the second bid at $78,238.

LOW BIDDERS

MARICOPA CO., Arizona.—Tanner Construction Co., 10 Out West Bldg., Phoenix, at $61,604, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Wickenburg-Morristown Highway, F.A. 59 2nd Reop. (1937), A.F.E. 6062. The work, which is to begin about ¾ mile south of Wickenburg and extends southerly about 1.9 miles, consists of grading and draining; the furnishing and placing of aggregate base course and cutback asphalt mix (either road or plant mix); and salvaging and relaying old oil cake. The work is to be completed May 31, 1937.

LOW BIDDERS

MARICOPA CO., Ariz.—W. E. Hall Co., P.O. Box 289, Phoenix, at $21,337, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Tempe-Scottsdale Highway (Curry Highway), W.P.S.O. 119; A.F.E. 615. The work, which is to begin at a point near the north end of the Tempe Bridge on the Phoenix-Tempe Highway, and is to extend northeasterly about 1.6 miles, consists of furnishing and placing select material and cutback plant mix and is to be completed on or before Jan. 15, 1937.

The principal items are:

25,000 sq. yds. reshaping road surface;
80 M. gals. sprinkling;
30 hours rolling;
3,600 c.y. select material (CIP);
2,440 tons cutback mix (CIP);
25 tons road oil (95 plus);
240 tons screenings (CIP).

Arizona Sand & Rock Co., Phoenix, submitted the second low bid at $21,553.

BIDS WANTED

ORANGE CO., Calif.—Until November 19, 2 p.m., bids will be received by State Division of Highways, State Highway Engineer C. H. Purcell, State Bldg., Los Angeles, for grading and surfacing with plant-mix surfacing about 1.2 miles and constructing a timber bridge between Dowling Avenue and Linda Vista Street.

The work involves:

(1) 62 sta. clear and grubb right of way;
(2) 700 M. gals. water;
(3) 80 c.y. remove existing concrete;
(4) 2,300 c.y. roadway excavation, without classification;
(5) 480 c.y. structural excav.;
(6) 150 c.y. ditch and channel excavation;
(7) 44,000 c.y. imported borrow;
(8) 62 sta. finishing roadway;
(9) 16 tons liq. asphalt, MC-2 (prime coat);
(10) 3,350 tons mineral aggregate (plant-mix surf.);
(11) 176 tons liq. asphalt, MC-4 or MC-5 (plant-mix surf.);
(12) 7 tons liq. asphalt, SC-1A (penetration oil treatment);
(13) 4 tons liq. asphalt, 95 plus (penetration oil treatment);
(14) 8,500 lbs. bar reinf. steel;
(15) 1,600 lbs. misc. iron and steel;
(16) 108 c.y. class A portland cement concrete (structures);
(17) 5.8 MFBM Douglas fir timber, treated;
(18) 13.5 MFBM Douglas fir timber, salvaged;
(19) 3.5 MFBM Redwood timber, dense select, all-heart, struct. grade;
(20) 170 l.f. 8-in. CMP;
(21) 60 l.f. 18-in. CMP;
(22) 270 l.f. 24-in. CMP;
(23) 12 each, spillway assemblies;
(24) 14 each, culvert markers;
(25) 2 each, clearance markers;
(26) 14 each, manholes raised to grade;
(27) 0.9 mile property fence moved and reset.

NOTE: The State will furnish Corrugated Metal Pipe and Embankment Protectors as more clearly set forth in the special provisions.

Plans and specifications may be obtained from the State Highway Engineer, P.O. Box 1499, Sacramento, and are on file in the offices of the district engineers in San Francisco and Los Angeles.

BIDS WANTED

NEVADA AND PLACER COS., Calif.—Until November 18, 2 p.m., bids will be received by State Division of Highways, State Highway Engineer C. H. Purcell, Department of Public Works Bldg., Sacramento, for grading and paving with portland cement concrete about 3.7 mi. between one-half mile west of Soda Springs and Donner Summit and a parking area to be constructed near Donner Summit Bridge.

The work involves:

(1) 54 sta. clear and grubb right of way, Location A;
(2) 46 sta. clear and grubb right of way, Location B;
(3) 1,500 M. gals. water;
(4) 38,000 c.y. roadway excav. without class., location A;
(5) 2,000 c.y. roadway excav. without class., location B;
(6) 1,500 c.y. struct. excav.;
(7) 950 c.y. ditch and channel excavation;
(8) 1,200,000 sta. yds. overhaul;
(9) 40 c.y. exist. conc. remove and disposed of;
(10) 44,000 sq. yds. preparing subgrade;
(11) 197 sta. finishing roadway;
(12) 225 c.y. salvaged surf.;
(13) 6,850 tons untreated crushed gravel or stone surf. (borders and base);
(14) 380 tons mineral aggregate (plant-mix surf.);
(15) 19 tons liq. asphalt, ROMC-3, ROMC-4 or ROMC-5 (plant-mix surf.);
(16) 1.2 tons liq. asphalt, SC-2 (penetration oil treatment and prime coat);
(17) 12 tons stone screenings (seal-coat parking area);
(18) 47 tons liq. asphalt, SC-2 (penetration oil treatment and prime coat);
(19) 100 tons sand (penetration oil treatment and prime coat);
(20) 383 c.y. class A portland cement concrete (structures);
(21) 195 c.y. class A portland cement concrete (footing blocks);
(22) 8,350 c.y. class A portland cement concrete (pave.);
(23) 181,000 lbs. bar reinf. steel (pave and structures);
(24) 6,800 each, pavement tie bar assemblies;
(25) 15,500 each, pavement dowels;
(26) 4 sections pavement crossing devices, type A-10;
(27) 4 sections pavement crossing

devices, type B-10;
(28) 285 c.y. rubble masonry retaining walls and piers;
(29) 190 l.f. rubble masonry curb and gutter;
(30) 184 l.f. 8-in. CMP;
(31) 20 l.f. 12-in. CMP;
(32) 268 l.f. 18-in. CMP;
(33) 204 l.f. 24-in. CMP;
(34) 52 l.f. 30-in. CMP;
(35) 48 l.f. 36-in. CMP;
(36) 10 each, remove and reset headwalls;
(37) 900 l.f. 8-in. perf. metal pipe underdrains;
(38) 200 c.y. rock filling material;
(39) 22 l.f. clean and relay exist. CMP culverts;
(40) 4 each, spillway assemblies;
(41) 2 each, spillway assemblies, adjusted to grade;
(42) 2 each, drop inlets adjusted to grade;
(43) 13 c.y. class A portland cement concrete curbs;
(44) 72 each, culvert markers;
(45) 150 each, guide posts;
(46) 55 each. culvert markers, move and reset;
(47) 180 l.f. coil chain;
(48) 130 each. monuments complete in place.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento, and are on file at the offices of the district engineers in San Francisco, Marysville and Los Angeles.

BIDS OPENED

LOS ANGELES CO., Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at $25,110.75, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.3 mile grading and paving with portland cement concrete in Los Angeles County at the junction of Whittier and San Gabriel Boulevards.

Kovacevich & Price, Inc., South Gate, at $28,500, submitted the only other bid.

CONTRACT AWARDED

COCONINO CO., Arizona.—W. E. Hall Co., P.O. Box 296, Phoenix, at $62,051, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Flagstaff-Fredonia Highway, F.A. 95-H (1937), A.F.E. 8962. The work, which is located 44 miles north of Flagstaff and is to extend northerly to Cameron, a distance of approximately 8½ miles, consists of placing aggregate base course and oil processing (plant-mix, using 90-95 road oil) (B.P.R. designation, class F bituminous surface) and is to be completed on or before Feb. 28, 1937.

CONTRACT AWARDED

NAVAJO CO., Arizona.—W. E. Hall Co., P.O. Box 289, Phoenix, at $66,-226.69, awarded contract by the Arizona State Highway Commission, Phoenix, T. S. O'Connell, State Highway Engineer, for highway improvement on the Globe - Springerville Highway, F.A. 1105-H (1937), A.F.E. 6066. The work, which is to begin about 6 miles east of Showlow and is to extend easterly about 4 miles to the Navajo-Apache county line, consists of grading and draining the roadway and is to be completed on or before Jan. 31, 1937.

CONTRACT AWARDED

SAN FRANCISCO.—A. G. Raisch, 1 DeHaro St., at $57,868.75, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,954, for the improvement of San Jose Ave., from Sickles Ave. to Bepler St.

SAN DIEGO CO.—1.1 Miles GRADE & PAVE—STATE

SAN DIEGO COUNTY, Cal.—V. R. Dennis Const. Co., 3911 5th Ave., San Diego, at $96,796.25, as previously reported, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg. Los Angeles, for about 1.1 miles of grading and paving with asphalt concrete and plant-mixed surfacing on Main St. in San Diego between Division and 32nd Streets.

The work involves:
(1) 1,000 M. gals. water;
(2) 6,600 c.y. roadway excav., uncl.;
(3) 42,300 sta. yds. overhaul;
(4) 33,600 c.y. imported borrow;
(5) 1,825 c.y. structure excav.;
(6) 1,150 c.y. removing and disposing of existing pavement, curbs, sidewalks, and struc. (conc.);
(7) 19,000 sq. yds. subgrade for pavement;
(8) 1,555 tons mineral aggregate (plant-mixed surfacing);
(9) 85 tons liq. asphalt, MC-5 or MC-extra heavy (plant-mixed surfacing);
(10) 8 tons liq. asphalt, MC-2 (prime coat);
(11) 65 tons liq. asphalt, SC-2 (detours);
(12) 6,550 sq. yds. asphaltic paint binder;
(13) 6,100 tons asphalt conc. (base and leveling courses);
(14) 2,980 tons asphalt conc. (Type "A" surface);
(15) 24,000 lbs. bar reinf. steel (structures);
(16) 1,000 lbs. structural metal (deadman rods);
(17) 191 c.y. class A portland cement concrete (structures);
(18) 840 c.y. class A portland cement concrete (curbs and gutters);
(19) 3 c.y. class B portland cement concrete (deadmen);
(20) 510 l.f. furnishing treated Douglas fir piles;
(21) 17 each, driving piles;
(22) 4 MFBM Redwood timber, select, all-heart, struct. grade;
(23) 332 l.f. 18-in. std. reinforced concrete pipe;
(24) 132 l. f. 24-in. std. reinforced concrete pipe;
(25) 398 l.f. 33-in. std. reinforced concrete pipe;
(26) 345 l.f. removing, cleaning, and salvaging existing culvert pipe;
(27) 10 each, steel frames and gratings for catch basins and curb inlets;
(28) 180 l.f. removing and resetting existing timber guard railing;
(29) 1,420 l.f. removing and salvaging existing timber guard railing.

Total bids follow:
(A) V. R. Dennis Cosst. Co., San Diego, $96,796.25.
(B) David H. Ryan, San Diego, $99-466.00.
(C) Basich Bros., Torrance, $99,-574.75.
(D) R. E. Hazard & Sons, San Diego $101,191.75.
(E) Griffith Co., Los Angeles, $101,-897.00.
(F) Daley Corp., San Diego, $109,-849.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .75	$ 1.25	$ .80	$ .90	$ 1.50	$ 1.50
(2)	.38	.30	.45	.45	.65	.50
(3)	.01	.01	.01	.02	.01	.01
(4)	.52	.50	.62	.60	.55	.60
(5)	1.25	1.00	1.25	1.50	1.50	2.00
(6)	1.50	1.50	1.50	2.00	1.50	2.00
(7)	.12	.10	.09	.15	.12	.12
(8)	2.90	4.00	3.00	3.00	3.50	4.50
(9)	21.00	18.00	16.00	18.00	14.00	20.00
(10)	21.00	25.00	14.00	18.00	16.00	25.00
(11)	18.00	14.00	12.00	14.50	16.00	15.00
(12)	.05	.05	.02	.04	.02	.05
(13)	3.85	4.30	4.00	3.75	4.14	4.50
(14)	4.15	4.60	4.25	4.50	4.14	4.75
(15)	.05	.06	.06	.05	.08	.05
(16)	.12	.075	.14	.10	.20	.10
(17)	27.00	25.00	22.00	24.00	23.00	30.00
(18)	14.00	13.50	15.00	16.00	15.00	13.00
(19)	10.00	12.50	12.00	12.00	20.00	12.00
(20)	1.00	.90	1.00	.70	1.00	.85
(21)	20.00	20.00	20.00	25.00	25.00	15.00
(22)	100.00	100.00	110.00	90.00	100.00	125.00
(23)	3.50	3.50	3.00	2.00	2.80	3.00
(24)	5.00	4.50	3.50	3.00	3.20	4.00
(25)	7.50	7.00	4.50	4.00	3.60	6.00
(26)	1.00	1.00	.70	.75	1.60	1.00
(27)	20.00	15.00	40.00	20.00	40.00	20.00
(28)	.60	.60	1.50	.75	.70	.50
(29)	.40	.30	.60	.60	.40	.50

SAN FRANCISCO—SILVER AVE. RECONSTRUC.—(City)

SAN FRANCISCO.—E. J. Treacy, Call Bldg., at $6,990.30 submitted the low bid to the Department of Public Works, City Hall, under Spec. No. 18,821, for the reconstruction of Silver Avenue between Amherst St. and Princeton Street.

The work involves:
(1) 600 c.y. grading (excavation);
(2) 1 each brick catchbasin reset or reconstructed;
(3) 40 l.f. 10-in. VCP culvert in place;
(4) 560 l.f. 6-in. VCP side sewer, in place;
(5) 456 l.f. armored concrete curb, reset;
(6) 120 l.f. armored concrete curb;
(7) 25,000 sq. ft. remove exist. pavement and replace with 6-inch Class E concrete pavement;
(8) 2200 sq. ft. 1-course conc. sidewalk;
(9) 460 l.f. 6-in. white lacquer traffic line.

Total bids follow:
(A) E. J. Treacy $6,990.30
(B) Eaton & Smith 7,346.20
(C) Pacific States Const. Co. 7,574.40
(D) Fay Iimprovement Co. 7,723.60
(E) Mills Const. Co. 7,885.20
(F) Chas. L. Harney 8,266.00
(G) M. J. Lynch 8,504.60
(H) A. G. Raisch 8,962.80

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$1.00	$0.60	$0.75	$0.87	$0.85	$0.85	$0.60	$0.50
(2)	75.00	60.00	45.00	65.00	60.00	50.00	50.00	50.00
(3)	2.00	1.20	1.00	1.30	1.00	1.00	1.50	1.50
(4)	.70	.90	.75	.90	.75	1.00	1.00	1.00
(5)	.30	.30	.75	.40	.30	.35	.60	.50
(6)	1.20	.72	1.00	.82	1.00	1.00	1.00	.75
(7)	.2075	.23	.235	.24	.25	.26	.27	.295
(8)	.16	.13	.12	.13	.15	.14	.14	.13
(9)	.05	.025	.04	.03	.04	.04	.05	.03

UNIT BID LISTING

LOS ANGELES CO., Cal.—J. E. Haddock, Ltd., 357 N Chester Ave., Pasadena, at $21,110.75, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.3 mile grading and paving with Portland cement concrete in Los Angeles County at the junction of Whittier and San Gabriel Blvds.

The work involves:

(1) 18 sta. clearing and grubbing;
(2) 175 M. gals. water;
(3) 375 c.y. removing and disposing of existing concrete;
(4) 4,100 c.y. roadway excav., uncl.;
(5) 110 c.y. struct. excav.;
(6) 800 c.y. drainage sump excav.;
(7) 550 c.y. sand backfill (drainage sump);
(8) 2,900 sta. yds. overhaul;
(9) 7 tons grade "E" asphaltic cement subgrade membrane (seal coat);
(10) 7,200 sq. yds. subgrade preparation;
(11) 18 sta. finishing roadway;
(12) 420 tons mineral aggregate (plant-mixed surfacing);
(13) 23 tons liq. asphalt, MC-4 or MC-5 (plant-mixed surf.);
(14) 3 tons liq. asphalt, MC-2 (prime coat);
(15) 4,000 sq. yds. preparing, mixing and shaping shoulders;
(16) 5 tons liq. asphalt, SC-2 (prime coat);
(17) 50 tons liq. asphalt, SC-2 (shoulders);
(18) 1,435 c.y. class A portland cement concrete;
(19) 2 each, type "A-20" two-lane pavement crossing devices;
(20) 2,900 each, pavement dowels;
(21) 9,000 lbs. bar reinf. steel (pavement and struc.);
(22) 30 c.y. class A portland cement concrete;
(23) 3,900 lbs. misc. iron and steel (structures);
(24) 360 c.y. class A portland cement concrete (curbs, gutters, and sidewalks);
(25) 125 l.f. curb armor;
(26) 16 l.f. laminated guard railing.

Total bids follow:

(A) J. E. Haddock, Ltd., $25,110.75.
(B) Kovacevich & Price, Inc., South Gate, $28,500.00.

Unit bids follow:

	(A)	(B)
(1)	$10.00	$20.00
(2)	1.25	.50
(3)	3.00	3.00
(4)	.46	1.00
(5)	1.50	1.50
(6)	1.00	1.00
(7)	.80	1.00
(8)	.02	.02
(9)	23.00	24.00
(10)	.12	.12
(11)	10.00	5.00
(12)	2.65	3.00
(13)	15.00	15.00
(14)	23.00	25.00
(15)	.12	.12
(16)	12.00	11.00
(17)	8.50	10.00
(18)	7.00	7.25
(19)	250.00	180.00
(20)	.12	.12
(21)	.06	.06
(22)	27.00	18.50
(23)	.15	.15
(24)	9.90	12.50
(25)	1.00	.75
(26)	1.50	2.00

LOW BIDDERS

LAKE COUNTY, Ore.—F. C. Dillard, Medford, at $74,856 submitted low bid to Bureau of Public Roads, 316 New Postoffice Bldg., Portland, W. H. Lynch, District Engineer, for about 7.808 miles of grading and subgrade reinforcement on the Fremont Highway, Fremont National Forest, Lake County.

The principal items of work involved are:

(1) 31 acres clearing and grubbing;
(2) 138,850 c.y. unclass. excav.;
(3) 125,000 sta. yds. overhaul;
(4) 20,000 c.y. subgrade reinforcement;
(5) 7.808 mi. finishing earth graded road;
(6) 13,500 c.y. mile overhaul;
(7) Lump sum, providing and maintaining water plant;
(8) 50 M. gals. water;
(9) 57,000 l.f. cut slopes;
(10) 60 c.y. Class A concrete;
(11) 30 c.y. Class B concrete;
(12) 9,300 lbs. reinforcing steel;
(13) 1,150 l.f. culverts (alternate);
(14) 1,072 l.f. corrugated galvanized metal pipe;
(15) 200 c.y. loose riprap;
(16) 60 tons emulsified asphalt;
(17) 1,600 c.y. do, stabilized mixture;
(18) Lump sum, extra and miscellaneous force account work.

Fisher Bros., Oregon City, at $95,310 submitted second low bid, and the Consolidated Highway Co., Portland, at $95,372 submitted third low bid.

LOS ANGELES CO.—1.6 Mi. GRADE & PAVE—STATE

LOS ANGELES COUNTY, Cal.—United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, at $156,859, as previously reported, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.6 miles grading and paving with asphalt concrete and plant-mixed surfacing in Los Angeles County between Wilmington Blvd. and Alameda St., in the City of Los Angeles.

The work involves:

(1) 84 sts. clearing and grubbing right of way;
(2) 830 M. gallons water;
(3) 44,800 c.y. rdwy. excav., unclass.
(4) 21,000 cu. yds. struc. excav.;
(5) 233,500 sta. yds. overhaul;
(6) 800 cu. yds. removing existing concrete;
(7) 33,700 sq. yds. preparing subgrade;
(8) 84 stations finish roadway;
(9) 5,550 tons mineral agg. (plant-mixed surf.);
(10) 300 tons liquid asphalt MC-4 or MC-5 (plant mixed surf.);
(11) 27 tons liquid asph. MC-2 (prime coat);
(12) 10,240 tons asph. concrete (base and leveling course);
(13) 5,200 tons asphalt conc. (Type "A" surf. course);
(14) 30,000 lbs. bar reinf. steel;
(15) 560 cu. yds. Class A portland cement concrete (structures);
(16) 190 cu. yds. Class "C" do;
(17) 22,000 lbs. misc. iron and steel;
(18) 260 l.f. 12-in. standard reinforced concrete pipe;
(19) 75 l.f. 15-in. do;
(20) 3,080 l.f. 18-in. do;
(21) 520 l.f. 21-in. do;
(22) 530 l.f. 24-in. special do;
(23) 1,330 l.f. 27-in. do;
(24) 490 l.f. 30-in. do;
(25) 310 l.f. 33-in. do;
(26) 700 l.f. 18-in. plain conc. pipe;
(27) 110 l.f. 21-in. do;
(28) 1,600 c.y. Class "A" Portland cement concrete (curbs, gutters, sidewalks and driveways);
(29) 310 l.f. curb armor;
(30) 1 lot ornamental iron railway (subway);
(31) 350 sq. yds. membrane waterproofing (subway);
(32) 1 lot drainage system (subway);
(33) 1 lot electric system (subway);
(34) 450 l.f. metal safety treads (subway);
(35) 12,400 sq. yds. asph. paint binder
(36) 33 ea. manholes adjusted to grade
(37) 1,200 l.f. temporary fence.

Total bids follow:

(A) United Concrete Pipe Corp., $156,859.
(B) P. J. Akmadzich, Los Angeles, $173,315.25.
(C) Oswald Bros., Los Angeles, $176-447.00.
(D) Geo. R. Curtis Paving Co., Los Angeles, $179,941.20.
(E) Griffith Co., Los Angeles, $182,-793.00.
(F) Sully - Miller Contr. Co., Long Beach, $188,020.25.
(G) Southern California Roads Co., Los Angeles, $188,123.50.
(H) R. E. Campbell, Los Angeles, $199,608.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 5.00	$ 3.00	$ 6.50	$ 10.00	$ 10.00	$ 20.00	$ 3.00	$ 10.00
(2)	1.50	1.00	1.50	2.40	1.50	2.00	1.00	1.50
(3)	.30	.35	.30	.36	.40	.35	.42	.25
(4)	.66	.65	.005	.01	.005	.005	.01	.01
(5)	.01	.005	.85	.75	1.00	.60	1.35	.80
(6)	1.50	1.50	3.00	2.40	2.20	2.00	2.35	2.50
(7)	.10	.09	.10	.12	.12	.12	.10	.15
(8)	6.00	3.00	5.00	4.80	3.00	10.00	5.00	8.00
(9)	2.22	2.40	2.70	3.00	2.20	3.00	2.22	3.00
(10)	12.50	12.00	15.00	16.20	14.00	15.00	19.00	15.50
(11)	25.00	16.00	21.00	22.20	20.00	30.00	22.00	21.50
(13)	3.13	3.40	3.65	3.41	3.70	3.40	3.50	3.50
(14)	.06	.07	.05	.054	.05	.05	.06	.05
(15)	17.60	25.00	24.00	21.60	23.00	24.00	24.00	24.00
(16)	10.00	8.50	10.00	12.00	12.00	15.00	12.00	15.00
(17)	.13	.14	.12	.12	.13	.12	.10	.12
(18)	1.50	2.40	1.60	1.62	1.40	2.50	1.40	1.90
(19)	1.90	2.95	2.00	2.04	1.70	2.75	1.80	2.50
(20)	2.15	3.35	2.30	2.28	2.00	3.00	2.25	3.30
(21)	2.30	3.60	2.55	2.60	2.30	3.50	2.50	4.00
(22)	2.80	4.10	3.00	3.10	3.30	4.50	3.00	5.00
(23)	3.50	4.80	3.75	3.95	3.40	5.50	4.00	6.00
(24)	4.00	5.40	4.30	4.50	3.90	6.50	4.30	8.00
(25)	4.60	6.10	5.00	5.17	4.40	7.00	5.00	9.00
(26)	1.20	2.30	1.45	1.35	1.20	2.00	1.20	2.50
(27)	1.60	2.70	1.90	1.94	1.60	2.50	1.70	3.00
(28)	10.90	10.50	11.30	11.70	11.00	13.00	11.50	12.00
(29)	1.00	1.20	1.20	1.20	1.20	1.00	1.20	1.00
(30)	1500.00	1400.00	1500.00	1500.00	1300.00	1500.00	1300.00	1650.00
(31)	1.25	.85	1.10	1.00	1.00	1.25	1.25	1.00
(32)	500.00	270.00	225.00	246.00	300.00	500.00	270.00	300.00
(33)	1000.00	1200.00	1500.00	1500.00	1000.00	1200.00	800.00	1560.00
(34)	1.00	1.20	1.00	1.00	1.10	1.00	1.00	1.00
(35)	.03	.02	.02	.024	.03	.03	.02	.02
(36)	10.00	12.00	10.00	9.60	20.00	15.00	15.00	20.00
(37)	.10	.10	.15	.60	.09	1.00	.06	.25

NEW BIDS ASKED

SAN FRANCISCO.—Until November 4, 2:30 p.m., new bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,973, for the widening and reconstruction of Taylor St., between Market St. and Post Streets.

All bids received October 7 have been rejected. Lowest bid was submitted by E. J. Treacy, 309 Call Bldg., at $31,684.

The work involves:

(1) 2770 l.f. stone curb reset, all sizes;
(2) 500 sq. ft. stone curb redressed;
(3) 305 l.f. armored concrete curb;
(4) 350 l.f. granite curb, in place (new tangent);
(5) 18 each, catchbasins, reset or reconstructed;
(6) 1 each, brick catchbasin, complete;
(7) 4 each, manhole frames and covers installed;
(8) 26 each, street and traffic signs reset;
(9) 8 each, low-pressure hydrants moved;
(10) 9 each, high-pressure hydrants moved;
(11) 5,500 lbs. new cast-iron pipe and specials;
(12) 650 lbs. lead;
(13) 5 c.y. high-pressure pipe excavation;
(14) 1500 lbs. wrought-iron bolts, nuts, and washers;
(15) 1 each, electric traffic signal relocated (vehicular);
(16) 2 each, electric traffic signals relocated (pedestrian);
(17) 4 each, fire alarm and police telephone boxes relocated;
(18) 2 each, electroliers relocated;
(19) 14,000 sq. ft. pavement removed;
(20) 17,000 sq. ft. asphaltic concrete wearing surface removed;
(21) 19,800 sq. ft. 8-in. class "E" concrete pavement, parking lane;
(22) 780 tons asphaltic concrete base course;
(23) 1180 tons asphaltic concrete wearing surface;
(24) 11,000 sq. ft. two-course concrete sidewalk;
(25) 2050 l.f. 1½-in. conduit, in place;
(26) 3300 l.f. 4-in. white lacquer traffic lines, in place;
(27) 1650 l.f. 6-in. white lacquer traffic lines, in place.

Plans and specifications obtainable from the office of City Engineer John J. Case, Room 251, City Hall, upon cash deposit of $10.

CONTRACT AWARDED

MARICOPA CO., Ariz.—Phoenix-Tempe Stone Co., P.O. Box 1645, Phoenix, at $16,711.61, awarded contract by the Arizona State Highway Commission, Phoenix, T. S. O'Connell, State Highway Engineer, for highway improvement on the Blythe-Wickenburg Highway, F.A. 98-1 ('37), A.F.E. 6063. The work, which extends over 0.4 mile of roadway near the west city limits of Wickenburg, consists of grading, draining and the furnishing and placing of aggregate base course and cutback mix, and is to be completed on or before Feb. 16, 1937.

BIDS WANTED

ELDORADO CO., Calif. — Until April 13, 2 p.m., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for grading Section A of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado National Forest, Eldorado County, California. The length of the project to be constructed is 2.326 miles.

Principal items of work are:

(1) 156,500 c.y. unclass. excav.;
(2) 3,800 c.y. unclass. excav. for structures;
(3) 843,000 sta. yds. overhaul;
(4) 2,000 c.y. miles haul:
(5) 2.305 miles finishing earth graded roads;
(6) 387 c.y. concrete:
(7) 3,175 c.y. cem. rubble masonry:
(8) 55,200 lbs. reinforcing steel;
(9) 5,150 lbs. structural steel:
(10) 1,616 l.f. CMP;
(11) 50 c.y. hand laid rock embankment;
(12) 58 guide posts;
(13) 58 culvert markers;
(14) 6 right-of-way monuments.

Plans and specifications may be obtained from the above office on deposit of $10. Contractors are advised to inspect the project prior to November 15

BIDS OPENED

SAN FRANCISCO.—Chas. L. Harney, Call Bldg., at $11,247, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,970, for the reconstruction of Battery St., between Market St. and the Embarcadero, a PWA project

The work involves:

(1) 50,000 sq. ft. remove and replace asphaltic concrete wearing surf.;
(2) 970 tons asphaltic concrete base and leveling course;
(3) 3,500 sq. ft. asphalt-concrete pavement;
(4) 250 l.f. resetting granite curb;
(5) 750 sq. ft. 2-course concrete sidewalk;
(6) 100 l.f. new granite curb (circular);
(7) 100 l.f. do. (tangent):
(8) 18 each, manhole frames and covers.

Total bids follow:

(A) Chas. L. Harney.....$11,247.00
(B) Pacific Pavements Co., Ltd. 13,472.50
(C) E. J. Treacy..... 15,822.00

Unit bids follow:

	(A)	(B)	(C)
(1).....	$0.095	$0.14	$0.15
(2).....	4.10	4.50	6.00
(3).....	.28	.20	.35
(4).....	.60	.80	.50
(5).....	.20	.15	.15
(6).....	4.00	3.00	2.00
(7).....	3.00	3.00	3.00
(8).....	30.00	27.50	30.00

BIDS WANTED

LOS ANGELES CO., Calif.—Until November 17, 2 p.m., bids will be received by District Engineer C. H. Sweetser, Bureau of Public Roads, Federal Office Bldg., San Francisco, for grading Section C of Route 61, the Angeles Crest National Forest Highway, Angeles National Forest, Los Angeles County, a distance of 1.363 miles.

The work involves:

(1) 22 acres clearing;
(2) 22 acres grubbing;
(3) 301,600 c.y. unclassified excavation;
(4) 2,180 c.y. unclassified excavation for structures;
(5) 443,000 sta. yards overhaul;
(6) 1.363 mi. finished earth graded roads;
(7) 13 c.y. concrete;
(8) 120 lbs. reinf. steel;
(9) 3,046 l.f. CGS metal pipe;
(10) 9 each, CGS metal pipe elbows;
(11) 50 c.y. hand laid rock embankment;
(12) 3,000 c.ft. concrete cribbing;
(13) 1 cast steel frame and grating;
(14) 4 spillway inlets;
(15) 16 culvert markers;
(16) 2 drop inlets.

Plans and specifications may be obtained at the office of the Bureau of Public Roads, Federal Office Bldg. Civic Center, San Francisco, on deposit of $10.00.

BIDS OPENED

SACRAMENTO, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $2,913 submitted low bid to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-87, for the construction of 1,100 l.f. of bituminous highway, 20-ft. wide, with 4-ft. earth shoulders and side slopes of 1 vertical on 3 horizontal, over a hydraulic dredge fill in a spoil area in West Sacramento.

Bids were taken as follows:

(1) Road rock in place;
(2) Plant mix surfacing;
(3) Grading.

Complete bids follow:

A. Teichert & Son, Inc., Sacramento: (1) $2.25; (2) $5.70; (3) $0.25; total, $2,913.

J. R. Reeves, Sacramento: (1) $2.40 (2) $6.00; (3) $0.25; total, $3,069.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—L. A. Decomposed Granite Co., 2171 West Washington Blvd., Los Angeles, at $10,780, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 3.5 miles of plant-mixed surfacing applied to shoulders on Rosemead Blvd. between San Gabriel Blvd. and Ramona Blvd., Los Angeles County.

LOW BIDDERS

HICKAM FIELD, T. H.—James W. Glover, Honolulu, at $136,110, submitted low bid to Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W 397-37-8, for the construction of roads (second phase) at Hickam Field.

The three low bids follow:

James W. Glover, Honolulu..$136,110
Moses Akiona, Honolulu..... 139,000
Hawaiian Contracting Co., Honolulu 151,245

CONTRACT AWARDED

YAKIMA CO., Wash.—Elliott & Co., 2153 Northlake, Seattle, at $68,334, awarded contract by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, W. H. Lynch, District Engineer, for approximately 1.072 miles grading and 0.028 mile bridge on the Randle-Yakima (east side) highway, Snoqualmie National Forest, Yakima County.

CONTRACT AWARDED

ORANGE CO., Calif.—C. O. Sparks & Mundo Engineering Co., 2309 Olympic Blvd., Los Angeles, at $91,115, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 3.6 miles grading and surfacing with plant-mixed surfacing, and constructing a timber trestle bridge, in Orange County, between Carolina Ave. and Yorba Linda.

30—RESERVOIRS & DAMS

CONTRACT AWARDED

TRUCKEE STORAGE PROJECT, California-Nevada.—George W. Condon Co., 208 Grain Exchange Bldg., Omaha, at $729,433, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 696, for the construction of the Boca Dam across Little Truckee River in Nevada County, California, near Truckee.

31—PIPE LINES & WELLS

CONTRACT AWARDED

SALEM, Oregon.—American Concrete & Steel Pipe Co., 459 E. 15th St., Tacoma, at $647,985, awarded contract by the Salem City Council for construction of a 16.36-mile pipe line between the east city limits of Stayton, Oregon, and distributing

reservoir in Salem.

Complete bids published October 19 and 20.

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until November 9, 2 p.m., bids will be received by the State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for drilling a water supply well at the Camp Angelus Maintenance Station site, San Bernardino County.

Plans and specifications obtainable from the above office.

32— SEWERS & SEWAGE DISPOSAL PLANTS

GRANT APPROVED

WASCO, Kern Co., Calif.—A grant of $61,363 to the Wasco Public Utility District has been approved by the PWA to assist in financing the construction of a sewer collection system, outfall sewer, and sewage disposal plant, total cost of which is estimated at $135,435.

A bond issue of $90,000 was approved September 15.

Carl H. Holley, 805 W. Myrtle Ave., Visalia, is engineer.

BIDS WANTED

SAN FRANCISCO.—Until November 4, 2:30 p.m., bids will be received by the Department of Public Works, Room 281, City Hall, under Spec. No. 18,972, for the reconstruction of a sewer in Seacliff Ave. between 26th and 27th Aves.

The work involves:

(1) 128 l.f. 24-in. cast iron pipe sewer in place;
(2) Furnishing and placing one set of 26 cast-iron grate bars.

Plans and specifications obtainable from the office of City Engineer John J. Casey, upon deposit of $10.

BIDS WANTED

GLENDALE, Ariz.—Until October 31, bids will be received by the Glendale City Council for the construction of 14,500 l.f. of outfall sewer to replace the old outfall line. The cost is estimated at $73,131.70, of which $22,731.70 will be for material. Of the total, $15,000 has been provided by the state relief fund, $4000 from the city general fund, and the balance by the federal government. Headman-Ferguson Engineering Co., Phoenix, is the engineer; John Carrollo of that firm is in charge. George D. Locke, councilman, has been appointed purchasing agent for materials.

BIDS OPENED

JACKSON, Amador Co., Calif. — Oakland Sewer Const. Co., 9915 Walnut St., Oakland, at $99,800 submitted the apparent low bid to Jackson City Council for the construction of a sewage treatment plant, intercepting and outfall sewers. Bids were not officially totalled.

Work consists of construction of intercepting sewers along the various forks of Jackson Creek, and an outfall sewer carrying the load some 4,000 feet along Jackson Creek proper to a sewage treatment plant, consisting of a sedimentation tank with automatic mechanical sludge collector and skimmer. Sludge removed at irregular intervals will go by gravity into a sludge digestion tank equipped with gas burner. Digested sludge to be removed by gravity flow to adjacent drying beds, the effluent to travel outward along low ground alongside and in Jackson Creek bed.

Bids will be taken as follows:

(1) 2,238 l.f. 15-in. vitrified pipe sewer;
(2) 362 l.f. 12-in. do.;
(3) 841 l.f. 10-in. do.;
(4) 9,159 l.f. 8-in. do.;
(5) 1,248 l.f. 12-in. cast-iron pipe sewer;
(6) 2,523 l.f. 10-in. do.;
(7) 1,466 l.f. 8-in. do.;
(8) 6 each, 12x6-in. vitrified pipe wye branches;
(9) 4 each, 10x6-in. do.;
(10) 100 each, 8x6-in. do.;
(11) 4 each, 12x6-in. cast-iron pipe wye branches;
(12) 20 each, 10x6-in. do.;
(13) 4 each, 8x6-in. do.;
(14) 40 each, manholes with Type A covers;
(15) 17 each, manholes with Type B covers;
(16) 2 each, drop manholes with Type A covers;
(17) 2 each, drop manholes with Type B covers;
(18) One reinforced concrete sedimentation tank constructed complete with equipment for sludge removing and skimming, screen compartment with bar screen but without automatic equipment, 12-in. vitrified pipe outlet to dosing tank, sludge and grease pipes to sludge digestion tank;
(19) One automatic sewage screen installed complete with motor, switch, etc., except bar screen included in item above;
(20) One reinforced concrete sludge digestion tank constructed complete with inlet and outlet pipes with valves, sludge pipe complete with valve, by-pass pipe complete with valve, gas collecting dome complete with spray nozzle, gas trap, gas pipe and adjustable pipe burner;
(21) One gas burner unit constructed complete with grate;
(22) One sludge drying bed for digestion tank (excavation only);
(23) 346 l.f. constructing industrial type fence;
(24) 50 c.y. rubble wall;
(25) One dosing tank constructed complete with 12-in. vitrified pipe outlet to final settling tank;
(26) One sprinkling filter constructed complete with 12-in. vitrified pipe outlet to final settling tank;
(27) One final settling tank constructed complete with 12-in. vitrified outlet pipe and 6-in. cast-iron sludge pipe;
(28) One sludge bed for final settling tank (excavation only).

Unofficial total bids follow:

(A) Oakland Sewer Const. Co., Oakland, $99,800.
(B) Lord and Bishop, Sacramento, $101,526.
(C) R. B. McNair, Oakland, $111,000.

Unit prices follow:

	(A)	(B)	(C)
(1)	$ 3.47	$ 3.80	$ 3.45
(2)	3.10	3.50	3.55
(3)	3.00	3.30	4.05
(4)	2.76	3.10	2.75
(5)	5.02	4.90	6.00
(6)	4.26	4.50	6.00
(7)	3.95	3.70	6.75
(8)	1.25	3.70	2.50
(9)	1.00	3.00	2.00
(10)	.75	2.00	1.75
(11)	20.00	25.00	25.00
(12)	15.00	21.00	17.50
(13)	11.00	15.00	15.00
(14)	50.00	70.00	50.00
(15)	60.00	80.00	60.00
(16)	65.00	85.00	65.00
(17)	65.00	95.00	70.00
(18)	6,624.00	5,200.00	6,900.00
(19)	1,190.00	1,200.00	1,080.00
(20)	10,000.00	8,500.00	11,250.00
(21)	164.00	200.00	341.00
(22)	205.00	300.00	150.00
(23)	1.43	1.50	1.30
(24)	12.30	10.00	15.00
(25)	1,738.00	3,400.00	1,910.00
(26)	12,900.00	9,000.00	18,677.00
(27)	2,601.00	3,000.00	2,750.00
(28)	137.00	100.00	100.00

John S. Bates, 3134 Eton St., Berkeley, engineer.

A grant of $34,473 was approved by the PWA recently.

BIDS OPENED

SAN FRANCISCO.—Healy-Tibbitts Constr. Co., 64 Pine St., at $123,553, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,961, for the construction of the third unit of Alemany Sewer Extension, Section E, a three-compartment sewer on piles, in Selby St., between Galvez and Evans Sts., a PWA project.

The work involves:

(1) 455 l.f. 3-compartment 7-ft. 6-in. x 10-ft. reinf. concrete sewer, exclusive of piles;
(2) 6 each manholes on 3-compartment sewer;
(3) 1 each manhole on 15-in. VCP sewer;
(4) 1 each, manhole on 4-ft. 6-inch circular reinf. concrete sewer;
(5) 1365 l.f. 12-in. VCP underdrain, covered with concrete or broken rock as directed;
(6) lump sum wood connection from reinf. concrete sewer to existing wood box sewer, exclusive of the piles;
(7) 113,000 l.f. piles, below cut-off;
(8) 20 l.f. 15-in. VCP sewer;
(9) 21 l.f. 4-ft. 6-in. circular reinf. concrete sewer, exclusive of piles
(10) 4 catchbasins complete;
(11) 139 l.f. 10-in. VCP culvert;
(12) 130 l.f. stand. guard rail (heavy type);
(13) lump sum alteration of 12-inch high pressure water main.

Total bids follow:

(A) Healy-Tibbitts Constr. Co. $123,553.00
(B) MacDonald & Kahn Co., Ltd. 144,444.44

Unit bids follow:

	(A)	(B)
(1)	$ 180.00	$ 177.00
(2)	60.00	75.00
(3)	100.00	140.00
(4)	80.00	100.00
(5)	1.60	1.50
(6)	1500.00	1767.94
(7)	.30	.50
(8)	7.00	5.00
(9)	35.00	32.00
(10)	90.00	80.00
(11)	6.00	3.00
(12)	2.00	1.50
(13)	1200.00	1200.00

BIDS WANTED

WATSONVILLE, Santa Cruz Co., Calif.—Until October 29, 7:30 p.m., bids will be received by the Watsonville City Council, M. M. Swisher, Clerk, City Hall, 268 Main St., for the construction of a storm sewer in Montecito and Montevista Avenues, to drain the Watsonville Hts. District. Estimated cost, $1,520.

The work involves:

(1) 4 catchbasins;
(2) 4 sewer manholes;
(3) 1000 l.f. 12-in. concrete pipe;
(4) 40 l.f. 12-in. corrugated iron pipe.

Plans and specifications obtainable from the office of City Engineer Bert Kitchen, City Hall.

CONTRACT AWARDED

SAN ANSELMO, Marin Co., Calif. —J. J. Ongaro, 50 Winship Ave., San Anselmo, at $465, submitted low bid and awarded contract by Sanitary District No. 1, 122 Tunstead Ave., San Anselmo, A. B. Shearer, Secretary, for furnishing and installing a new 6-in. sewer across creek under the Barber Street bridge.

The work involves 180 l.f. of cast-iron pipe and 63 l.f. of vitrified clay pipe.

Frederick W. Snook Co., San Francisco, at $910, submitted the only other bid.

BIDS WANTED

MODESTO, Stanislaus Co., Cal.—Until October 28, 7:30 P. M., bids will be received by the Modesto City Council, H. E. Gregg, City Clerk, for furnishing pipe for waterworks improvements as follows:

(1) 1300 ft. 8-in. bell and spigot cast iron pipe, Class 150, Mono or centrifugally cast, or Class B sand cast;
(2) 3,500 ft. 6-in. do;
(3) 250 ft. 4-in. do.

Delivery fob Modesto.

Specifications obtainable from the office of City Engineer F. J. Rossi.

BIDS WANTED

SAN FRANCISCO.—The Department of Public Works, S. J. Hester, acting director, plans the installation (expediency) of a sewer in Meade Ave. between Third and Jennings Streets. Estimated cost, $790.-50. Spec. No. 18,988.

The work involves:

(1) 8-in. vitrified clay pipe sewer, in place;
(2) 8x6-inch wye branches, in place;
(3) brick manholes, complete.

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall, upon deposit of $10.00.

BIDS OPENED

BEVERLY HILLS, Los Angeles Co., Calif.—Tomei Construction Co., 4160 Madison Ave., Culver City, at $29,500, submitted low bid to the Beverly Hills city council, for the construction of the east interceptor and laterals and of the south branch of the Olympic Blvd. storm drain, in accordance with plans and specifications prepared by W. R. Metz, city engineer.

GRANT APPROVED

WICKENBURG, Ariz.—H. S. Reed, Phoenix, public works administration engineer for Arizona, has announced that final approval has been given to a $17,182 grant and a $21,000 loan to the town of Wickenburg for a sewage treatment plant and about 19,000 ft. of 6- and 8-inch vitrified pipe. The materials will cost about $17,737.

BIDS WANTED

SAN FRANCISCO.—The Department of Public Works, S. J. Hester, acting director, plans the installation of sewers (expediency) in Bemis St. between Castro and Mateo Sts. Estimated cost, $5,580.

The work involves:

(1) Grading (excavation);
(2) Grading (embankment);
(3) Brick manholes, complete;
(4) 12-in. VCP sewer, in place;
(5) 8-in. VCP sewer, in place;
(6) Brick catchbasins, complete;
(7) 10-in. VCP culvert, in place;
(8) 8x6-in. wye branches, in place.

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall,

33— WATER WORKS

BIDS WANTED

ATWATER, Merced Co., Calif.—Until November 14, 11 a.m., lump sum bids will be received by the Atwater City Council, A. T. Rector City Clerk, for the construction of a municipal waterworks system. Estimated cost, $78,182.

The project consists of the construction of a municipal water supply system, including wells, motors, pumps, an elevated steel tank, a distributing pipe system, fire hydrants and consumers' services. Two wells will be bored 200 feet deep, estimated to yield 1,500 gals. per min. each. Two 8-inch 4-stage turbine pumps with 50-h.p. motors will be installed, each of which will deliver 750 gals. per minute against a total head of 200 ft. There will be 53 gate valves on these lines and 74 fire hydrants with two 2½-inch openings on each. About 8.2 miles of pipe line will be constructed and the storage tank will have a capacity of 75,000 gallons.

Bids will be taken as follows:

(I) Lump sum, work complete;
(II) Unit prices on the following items, to be used as a basis for additions or deductions from the complete job as contemplated.

SPECIAL ITEMS

(1) 10-in. cast-iron pipe;
(2) 8-in. cast-iron pipe;
(3) 6-in. cast-iron pipe;
(4) 4-in. cast-iron pipe;
(5) 2-in. standard steel pipe;
(6) Fire hydrants complete with 4-in. and two 2½-in. outlets;
(7) Fire hydrants complete with two 2½-in. outlets;
(8) 10-in. gate valves;
(9) 8-in. gate valves;
(10) 6-in. gate valves;
(11) 4-in. gate valves;
(12) 2-in. gate valves;
(13) 1-in. house service pipe;
(14) ¾-in. house service pipe;
(15) Extra conduit, per yard;

Deductions are to be made for the omission of the following:

(16) If fence is omitted.
(17) If 12-ft. x 18-ft. metal building is omitted;
(18) If Mueler curb boxes are omitted.

The metal building consists of an all-metal structure at the pump site, 12x18 ft. with 8-ft. sidewalks; constructed with 3/16-in. x 2-in. x 2-in. angle iron frame.

The wire fence will be 422 ft. long, 5 ft. high, of galvanized 2-in. No. 9 wire; intermediate posts to be 2-in. O.D.; end posts 2½-in. O.D.; corner posts, 2½-in. O.D.; gate posts, 2½-in. O.D.; single gate to be 4 ft. wide; concrete base for each post 24-in. diam. and 30-in. deep.

Plans and specifications obtainable from the office of City Engineer W. E. Bedesen, Shaffer Bldg., 135 21st St., Merced, upon deposit of $15.

A grant of $35,182 was approved by the PWA recently.

BIDS WANTED

SACRAMENTO CO., Calif.—Until October 27, 2:30 p.m., bids will be received by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, under Bid No. 0332, for furnishing pipe and fittings, f.o.b. Wilton Rancheria, Sacramento County.

The items to be furnished are:

(1) 700 l.f. 2-in. pipe, std. wt., dipped and wrapped, random lengths, with sleeve couplings threaded;
(2) 10 pcs. 2-in. pipe, std. wt., galv., 3-ft. 9-in. long.;
(3) 10 2-in. galv. tees;
(4) 10 2-in. plugs;
(5) 1380 l.f. 4-in. welded steel slip-joint drive pipe, 14 ga., dipped and wrapped, 20-ft. lengths;
(6) 180 l.f. 4-in. welded steel slip-joint drive pipe, 14 ga., dipped and wrapped, two 20-ft. lengths with 2-in .threaded sleeve, coupling welded in middle;
(7) 2 4-in. 90-deg. ells, 3 piece, 14 ga. drive, dipped only;
(8) 1 do., except with 2-in. threaded sleeve coupling welded to form 4x2x4-in. tee.

BONDS DEFEATED

REDONDO BEACH, Los Angeles Co., Cal.—The $300,000 bond issue for a municipal water system was defeated at the election October 20 by a vote of 1265 year to 1438 no.

BIDS WANTED

LAKE CO., Cal.—Until November 4 2 P. M., bids will be received by U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, under Invitation No. 0339 for furnishing and erecting steel water storage tanks as follows:

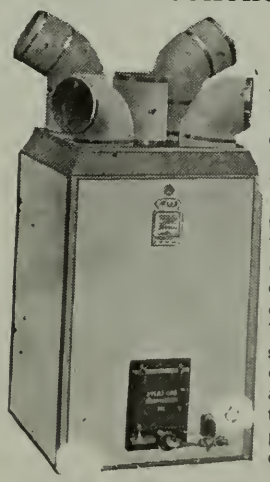
(1) one 8400-gal. tank at Upper Lake Rancheria, Lake County;

34— PARKS AND PLAYGROUNDS

BIDS WANTED

TECATE, San Diego Co., Calif.—Until Nov. 11 bids will be received by the Treasury Department, Washington, D. C., for seeding and planting the grounds of the U. S. post office at Tecate.

Atlas Economy Gas Fuel Circulating System of Warm Air Heating



The ATLAS ECONOMY GAS CONVECTOR, the most important link in this circualting system, is as modern as tomorrow. Its square casing comes in a two-tone green, marking the age when a furnace can be as attractive and pleasing to the eye as it is efficient.

The Atlas Gas Convector is built of heavy gauge iron, all welded, with a bottom casing which eliminates the possibility of infiltration of dust or dirt.

The Atlas Economy Gas Furnace in all sizes has been approved by the American Gas Association and has met with all requirements of their laboratory tests thus giving assurance that the furnace is properly designed and constructed for efficiency and safe operation.

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-567 FOURTH STREET
SAN FRANCISCO
Phone DOuglas 0377

1451 32nd STREET
OAKLAND
Phone LAkeside 1266

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Cal.—Until Nov. 3 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, under Bid No. 928-37-132, for furnishing 60 pieces of glass wire for glazing purposes; 2640 l.f. Douglas fir lumber, and flat grain ceiling; fob Fort Mason.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Nov. 3 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, under Bid No. W 6616-37-22, for furnishing a portable electric hammer, 110-volts, 60-cycle AC.; also two chucks so that star drills can be used; fob Pier 1, Fort Mason.

Specifications obtainable from the above office.

FORT MASON.—Until November 2, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-128, for furnishing 30 pcs. and 150 ft.b.m. white ash hardwood lumber, 1400 ft. b.m. Douglas fir lumber, 800 ft. wrought-iron pipe, 2,462 lbs. flat sheet iron, and 20 flange unions.

Specifications obtainable from the above office.

LOS ANGELES.—Until Nov. 4, 3 p.m., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., for furnishing 162,000 lbs. fabricated steel and other metal work incidental to the complete frame work for the P. E. Railway-Burbank Line railroad bridge, at Brand Blvd. over Verdugo Wash, Glendale. Bid bond 10% must accompany bid. Circ. Prop. No. 217.

FORT McDOWELL. — Until November 2, 11 a.m., bids will be received by the Quartermaster, Fort McDowell, under Proposal No. QM 536-37-13, for furnishing 6 trap radiators and 4,000 ft.b.m. flooring lumber, plain-sawed white oak, select plain.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until November 2, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Customhouse, under Bid No. 868-37-58, for furnishing gasoline and oil.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until November 4, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-59, for furnishing 1825 ft. wire rope, clips, canteens, anchor shackles, mop heads, brushes, tube expanders, batteries, hose, bolt stock and dies, pipe hand taps, pipe threading devices, reamers, dies, globe valves, angle valves, etc.

Delivery f.o.b. Pier 3½, San Francisco Waterfront.

Specifications obtainable from the above office.

FORT MASON.—Until November 10, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-133, for furnishing 28,000 ft.b.m. Douglas fir lumber, No. 2 common.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Nov. 9 11 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-24, for rewinding ten motors for 3-phase, 220-volts. The motors are now in te Signal Corps Shop, Bldg. No. 268, Presidio.

Delivery fob East Portal, Baker-Barry Tunnel, Fort Baker.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Nov. 9 10 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-23, for furnishing and installing 11 venetian blinds, pulley type, in Officers' Mess Room, Letterman General Hospital.

Specifications obtainable from the above office.

SACRAMENTO. — Until November 4, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-90, for furnishing:

(1) One water stage recorder house and well delivered f.o.b. truck or railway car at Ord Bend Station, Glenn County;
(2) One do., f.o.b. Lovdal Station, Yolo County;
(3) One do., f.o.b. Yuba City.

Specifications obtainable from the above office.

RECLAMATION BUREAU

OWYHEE PROJECT, Oregon-Idaho.—Until November 12, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 850-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Ontario, Oregon, welded plate-steel discharge pipes and appurtenances for installation at the Dead Ox pumping plant, Owyhee Project, Oregon - Idaho. All pipes will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.50, not returnable.

CARLSBAD PROJECT, New Mexico.—Until November 16, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 849-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Fort Sumner, two 5 ft. by 5 ft. high-pressure gate assemblies; and two 66-in. diam. welded plate-steel outlet pipes for installation in the outlet works at the Klamogordo Dam, Carlsbad Project, N. M.

All apparatus and materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $3, not returnable.

BOULDER CITY, Nevada. — Until November 30, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Bid No. 703 for furnishing a 3,000-ampere, 23,000 volt bus structure with potential transformers and generator lightning arresters and capacitors; two 600-ampere, 15,000-volt, oil circuit breakers and neutral grounding reactor with cubicle; and two 23,000-volt, 4,000-ampere, vertical lift type, oil circuit breakers for installation in the Boulder power plant; fob Boulder City.

Specifications obtainable from the above office.

MET. WATER DISTRICT

LOS ANGELES.—Until November 10, 10 a.m., bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles, for furnishing miscellaneous iron castings, valves, and fabricated steel, Spec. No. 180.

The work to be bid upon is divided into three schedules. Schedule 1 provides for the furnishing of cast-iron pipe, valves, and fittings, as well as the bolts, nuts, and gaskets therefor. Schedule 2 provides for the furnishing of cast-iron thimbles, bar retainers, and frames and covers. Schedule 3 provides for the furnishing of ladder rungs, grating doors, gratings, hoisting eyes, welded steel pipe, plate cover and seat, steel water stops, bronze drain screens, pipe railing, screen bars, and anchor bolts.

Certified or cashier's check for 10% must accompany each proposal. Specifications may be obtained at room 1007, upon payment of $2 per set, not returnable. F. E. Weymouth, General Manager and Chief Engineer.

PLACER COUNTY

ROSEVILLE. Placer Co., Calif.—Until November 5, 10:30 a.m., bids will be received by the Roseville City Council, R. W. Terry, City Clerk, City Hall, for furnishing one truck, one roller, and one oil distributor.

Specifications obtainable from the above office.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until Nov. 4th, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L. S. 180, for furnishing 2,000 water meters, ⅝x¾-in.

Specifications obtainable from the above office.

SANTA CRUZ COUNTY

SANTA CRUZ, Santa Cruz Co., Cal.—Until November 2, 9 A. M., bids will be received by the Santa Cruz City Council, S. A. Evans, City Clerk, for furnishing 1200 ft. of 4-in. cast iron bell and spigot pipe, Class B or Class 150, joints to be 12 ft. or more in length; six 4-in. cast iron double hubs, all bell, and 300 lbs. of leadite.

Delivery fob City Corporation Yard or trench side on Alice St. near 17th Ave., Santa Cruz.

Specifications obtainable from the above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Nov. 6, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall(under Bid No. 1671, for furnishing and delivering 72 inch steel plate conduit lines for O'-Shaughnessy Dam.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Nov. 6, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1677, for furnishing 35 legal size steel filing cabinets for the County Clerk.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Nov. 6, 3 P. M., bids will be receiveu by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1679, for furnishing ten oak desks, ten office chairs and one map case for the Assessor's office.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Nov. 6, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1676, for furnishing 200 34-inch rolled steel car wheels for the Municipal Railway.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until November 6, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1676, for furnishing 200 34-in. rolled steel car wheels for the Municipal Railways.

Specifications obtainable from the above office. •

TREASURY DEPARTMENT

SAN FRANCISCO, Cal.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 4th St., San Francisco, for furnishing materials for use on WPA projects, as follows:

October 30, 10 A. M.
November 2, 10 A. M.

BID NO. 2742 — Reinforcing steel bars, black annealed wire and steel bars; f.o.b. Mills Field, San Mateo County.

BID NO. 2755—Redwood, dense select, all-heart, structural, and Douglas fir; f.o.b. Cull Canyon Road, approx. 4.5 miles from Crow Canyon Road, 6.5 miles from Hayward, Calif.

BID NO. 2752—300 tons fine aggregate; f.o.b. Yacht Harbor and Aquatic Park, foot of Bancroft Way, Berkeley.

BID NO. 2754—175 tons plastering sand; f.o.b. Primary School 8, Black Diamond St., Pittsburg.

BID NO. 2753—315 cu. yds. ready-mixed concrete; f.o.b. 53d St., east of San Pablo, Oakland.

Specifications obtainable from the above office. •

SAN FRANCISCO, Calif. — Until November 4, 10 a.m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 4th St., San Francisco, under Bid No. 2750, for the rental of two concrete mixers of one-half yard capacity and three-quarters of a yard capacity, gasoline driven on wheels, for use at Zoo Unit, Sunset Blvd. near Skyline, San Francisco.

Specifications obtainable from the above office. •

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for the rental of equipment for use on WPA projects, as follows:

November 2, 10 A. M.

BID NO. 2744—Rental: Centrifugal pump with capacity not less than 200 g.p.m. at a 275-foot head to be directly connected to a suitable gas engine equipped with speed-governing device. Equipped with 10 feet suction hose with foot valve, strainer and pump connection, also discharge flange for 3-inch standard wrought-iron pipe; f.o.b. Merced Rocking, 19th Ave. and Nans Road, San Francisco.

November 3, 10 A. M.

BID NO. 2733—Rental: Gasoline tandem roller of five, six or eight-ton capacity for approx. 60 hours' use at 9th and Ortega Sts., Tennis Courts, San Francisco.

BID NO. 2748—Rental: 7 one-half-ton pick-up trucks, for hand loading; f.o.b. Page and Broderick Sts., San Francisco.

November 4, 10 A. M.

BID NO. 2750—Rental: Duplex submerged sewage ejector to discharge 100 gals. of sewage per minute against a 30-ft. head for each pump. Ejector to be 4-inch heavy duty sewage pumps fitted with individual self-cleaning sewage screens. Also 3 sewage ejectors same as above to discharge 125 g.p.m. at 23-foot head and fitted with 3-phase 220-volt 2-h.p. 60-cycle motors; f.o.b. Aquatic Park, Larkin and Beach Sts., San Francisco.

Specifications obtainable from the above office. •

SAN FRANCISCO.—Until November 2, 10 a.m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for the rental of equipment for use on WPA projects, as follows:

BID NO. 2745—Concrete mixer, 10S, on 4 roller bearing wheels with 4-cylinder radiator cooled gas engine; f.o.b. Lombard Park, Greenwich and Hyde Sts., San Francisco.

BID NO. 2732—Truck, 7 to 10-ton capacity, hand loading; f.o.b. Page and Broderick Sts., San Francisco.

Specifications obtainable from the above office. •

CANAL ZONE

PANAMA CANAL ZONE. — Until November 5, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3191, for furnishing miscellaneous equipment and supplies, including:

Motor vehicles, steel, splice bars, tie plates, lifeboat, dishwashing machine, garbage cans, paint pails, welded steel pipe, cast-iron pipe fittings, track spikes, electrical cable, lamp cord, water level system (transmitting, indicating and recording), watthour meters, suspension insulators, electric water heaters, toggle switches, copper connectors, paint and ingredients, lacquer, asphalt varnish, spar mixing varnish, linseed oil, lard oil, mineral-seal oil, transformer oil, carbin bisulphide, creosote oil, beeswax, flake glue, coal-tar pitch, asphalt, billiard tables, tie plugs, colored wool waste, cotton webbing, unsensitized blueprint cloth, cotton insulating tape, gas accumulators and cast-iron water pipe.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ONE. — Until November 2, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3192, for furnishing miscellaneous supplies including:

Steel doors, fire-proof vault doors, steel windows, sewer pipe, liquid door closers, cylinder office locks, bronze butt hinges, bronze letters, soapstone sinks, steel - wire wheel brushes, copper burrs, ribbed plate glass, braided air hose, leather belting, rawhide belt lacing, calking cotton, asbestos gaskets, sponges, fire-extinguishing liquid, liquid chlorine in cylinders.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE. — Until November 3, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3190, for furnishing metal furniture including beds, chiffoniers, dressers, sideboards, dining tables, side tables, kitchen tables, library tables and arm chairs; woven-reed chairs, and wood dining, kitchen and rocking chairs.

Specifications obtainable from the above office and from the Assistant Purchasisng Agent, The Panama Canal, Fort Mason, San Francisco. •

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif. — Until November 2, 2 p.m., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 3997—Corrugated metal pipe culvert of various sizes and band couplings; f.o.b. Government Island and/or bidder's shipping point.

BID NO. 3995 — Wrenches, snips, screwdrivers and chisels; f.o.b. Government Island and/or bidder's shipping point.

Specifications obtainable from the above office. •

GOVERNMENT ISLAND. — Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

November 2, 2 P. M.

BID NO. 3992—560 ft. C.M.P. culvert and 14 band couplings; f.o.b. bidder's shipping point and/or Merced.

November 4, 2 P. M.

BID NO. 3994—One snow-weighing balance, f.o.b. bidder's shipping point and/or Fresno.

Specifications obtainable from the above office.

WAR DEPARTMENT

SAN FRANCISCO, Calif. — Bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, as follows:

November 6, 10 A. M.

BID NO. 868-37-63—Oregon pine lumber, doors, nails and misc. hardware; f.o.b. Fort Funston, San Francisco.

November 6, 3 P. M.

BID NO. 868-37-62—Seamless steel pipe, nipples, couplings, elbows, and bolts; f.o.b. Pier 3½, San Francisco.

Specifications obtainable from the above office. •

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Bridge Railway Signal Contract Bids Nov. 25

Building Permits in 6-Year Record Total

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November 7, 1936

Vol. XIX — No. 46

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Vol. XIX SAN FRANCISCO, CALIF., NOVEMBER 6, 1936 No. 46

First Bridge Railway Contracts Offered; Bids Nov. 25 for Clearing Viaduct Route

SACRAMENTO, Nov. 2.—First contracts for construction of interurban electric railway facilities over the San Francisco-Oakland Bay Bridge were advertised today by the State Department of Public Works. Bids will be received by Chief Engineer C. H. Purcell in San Francisco, December 9, for installation of the railway signal system and constructing the interlocking towers. On November 25 bids will be opened in San Francisco for demolition of buildings on the right-of-way for the bridge railway viaduct between Rincon Hill and the terminal to be located on Mission Street between First and Fremont Streets.

The present wrecking contract is for removal of only a portion of the structures on the right-of-way for the viaduct and terminal building. Additional wrecking will be advertised at a later date when the time for vacating the premises can be determined. Bids are being invited for a price to be paid the state for clearing the site and salvaging materials with the bidder either paying for the salvage or stating a minimum price he will accept together with the salvage for the work.

The contract for signals includes construction of two interlocking plants, one in San Francisco and one on the Key System mole in Oakland; track circuits and line control and power distribution for the operation of cab signals and automatic train control.

The track circuit area extends continuously from the San Francisco terminus of the bridge railway to a point on the Key System tracks approximately twenty-five hundred feet west of the Southern Pacific Company right-of-way in Oakland and also eastward along the proposed bridge railway connection with the Southern Pacific to a point approximately seven hundred and fifty feet west of the intersection of Twenty-sixth and Thirty-second Streets in Oakland.

Bids for the signal system will be received in a lump sum, subject to additions and deductions on unit prices to be stated in the proposal. Plans and specifications may be obtained at the bridge division offices in San Francisco on deposit of $50, of which $40 will be returned.

OAKLAND VOTES HARBOR LANDS TO GOVERNM'T

Election Approves Municipal Land Grant for $12,000,000 Navy Depot

Oakland citizens cleared the way for a $12,000,000 Navy supply depot to be constructed on the East-bay waterfront when they voted Tuesday to cede 392 acres of city property to the government, contingent upon completion of the Navy project.

Naval authorities have announced plans for a depot larger than Hampton Roads. Construction will include 525,000 square feet of piers and buildings at the Oakland base will cover a total area of 2,220,000 square feet. Supplies of all types for the Pacific fleet and naval bases in the Pacific will be stored at Oakland.

The Oakland depot is a separate project from the Alameda base for Navy seaplanes for which lands have been ceded on the Alameda side of the estuary.

Another proposition on Tuesday's ballot in which the construction industry was interested, that for a constitutional amendment to protect the gasoline tax, was defeated. Late returns gave 379,724 votes in favor and 496,658 opposed. The measure had been sponsored as a means of preventing further diversion of highway construction funds which it is feared will be attempted in the next legislature.

A bond issue of $150,000 proposed in Stanislaus County to finance construction of a new county hall of records also was reported defeated by a small margin.

UNION SQUARE SITE SOUGHT FOR GARAGE

$900,000 SubSurface Structure Proposed; Park Commission Approval Asked

Construction of a mammoth garage under Union Square is contemplated by a corporation headed by Architect George A. Applegarth, it was announced yesterday. The structure would be in effect a 2-story reinforced concrete building, all of which is below street level, according to Mr. Applegarth.

Permission to construct the garage awaits action by the San Francisco Park Commission, with whom the corporation hopes to negotiate a lease on the site. Removal of the parking and the Dewey monument would be necessary during construction, but the park would be restored in conformity with park commission requirements when the garage is completed.

Estimated cost of the project is $900,000. Car storage on two floors with a capacity of 1100 cars is proposed. Entrances would be constructed from each street frontage. The block is bounded by Post, Powell, Stockton and Geary Sts.

With its 1100-car capacity, the contemplated garage will almost double present facilities. Only seven garages with parking space for 1470 cars now operate within a two-block radius of Union Square.

In the same radius are 90 hotels with a total of 10,000 rooms, 16 clubs with a total membership of 33,000 and 11 office buildings. This locality has long provided one of the city's most pressing traffic problems, particularly as to parking.

Officers of the corporation are George A. Applegarth, who drew the plans, president; Paul Verdier, Richard W. Costello, D. G. Davis and Dr. Rae E. Ashley, vice-presidents; George Lewis, treasurer, and Chester M. Martin, secretary.

Directors include L. W. Huckins, Harvey M. Toy, George Lent, Frank P. Hooper, Robert Gump, Frank Werner, Walton Hedges and John R. Martin.

PERMIT VALUE FOR OCTOBER AT NEW PEAK

Month's Total In Western States Is Six-Year Record; Over $23,000,000

The West's building industry had its best month in six years, as measured by the volume of permits issued, according to October reports received by DAILY PACIFIC BUILDER from principal city and county inspection bureaus in seven states. The total of $23,697,511 from preliminary figures is the highest for any month since 1930. The final total will be increased by addition of figures from several cities not yet reported.

October is the seventh consecutive month that building permit values have topped the preceding month. Its gain over September of more than $2,000,000 is a greater margin, however, than has been shown between any of the previous monthly tabulations since March of this year. The total is approximately double that of October, 1935, for the same group of cities.

A record month's business for the city of Los Angeles, which crossed the $8,000,000 mark for the first time in recent years, and a total in San Francisco of $2,433,000, the second highest month of the year, contributed to the October increase. San Francisco awards included public work valued over $1,000,000. New residential building in San Francisco was valued at $622,200, providing 138 family units.

Los Angeles reported 621 permits for new single-family dwellings to cost $2,676,027, while all residential building was valued at $3,357,050 covering 838 family units. Public school contracts in Los Angeles were awarded during the month amounting to $2,770,100.

With more than $8,000,000 worth of public awards in two major contracts pending, indications are that the last two months of the year also will show record breaking totals. Bids are in on the $6,250,000 Federal courts building in Los Angeles and the award may be included in November's totals, while figures will be received November 20 for the $2,000,000 Oregon State Capitol, with an award expected shortly thereafter.

Highlights from the past month's records in various coast cities follow:

RECLAMATION AWARD TO COLUMBIA STEEL

Columbia Steel Company has been awarded a contract for furnishing 3,286,422 pounds of reinforcing steel to be used in the All-American Canal project being constructed by the U. S. Bureau of Reclamation. The bid was $80,214

Steel Institute Reports Gain In Month's Bookings

A slight improvement in the bookings and shipments of fabricated structural steel during September was shown in the final tabulation of the American Institute of Steel Construction. This revverses the normal trend as between August and September. The total of business done by this industry during the first nine months of 1936 was in excess of the business done during the whole twelve months of 1935.

Contracts closed in September amounted to 48.1 per cent of normal (normal being the annual average of the years 1928-31, inclusive). The shipments in September amounted to 58.6 per cent of normal. Last year for the same months the contrasting averages were 38.5 per cent and 41.7 per cent.

Tonnage contracted in the first nine months is estimated by the institute at 1,162,791, of which 1,100,483 tons have been shipped. In sight for fabrication prior to February 1, 1937, is 370,901 tons and thereafter 61,439 tons.

GRASS VALLEY SITE SELECTED FOR HOSPITAL

Preparing Plans For $200,000 Community Service Building

Plans for a $200,000 community hospital to be erected near Grass Valley are being prepared by Architect Walter C. Clifford of San Francisco, it was announced yesterday. The project is supported by Grass Valley residents who have just acquired a site for the new building about one mile from Grass Valley on the Nevada City road.

Directors of the hospital association are Dr. Carl P. Jones of Grass Valley, Errol MacBoyle, general manager of the Idaho-Maryland Mines Corporation, and Judge Edgar T. Zook of San Francisco, a director in the Idaho-Maryland Corporation.

The structure will be two and three stories in height and will have a capacity of 50 beds, according to preliminary plans. It will be of reinforced concrete and steel construction. Specifications call for an air-conditioning system and other ultra-modern equipment.

Standards Association Committee Works Toward Uniform National Building Code

Further progress in the development of the program, and additional new members assuring country-wide consideration of building code problems, were reported by the Building Code Correlating Committee of the American Standards Association following the last session.

Albert Kahn, consulting architect of Detroit, and a member of the former Building Code Committee of the U. S. Department of Commerce, and William H. Crowell, architect, of A. E. Doyle and Associates, Portland, Oregon, have accepted invitations to join the committee as members-at-large. At the request of the BCCC, the American Institute of Architects has named an additional representative, Mellen C. Greeley, architect, Jacksonville, Fla., with Theodore I. Coe, architect, Washington, D. C., as alternate. With the addition of these members, country-wide consideration of problems in the building code field is assured.

As the next step in the building code program, it was recommended that the American Standards Association authorize work on building code requirements for excavations and foundations. The American Society of Civil Engineers agreed to accept sponsorship of this project in the event that the work is authorized by the ASA Standards Council. This project is one of several that have been under consideration by the Building Code Correlating Committee for some time. Definite action on the others has been deferred for further study.

Projects on building code requirements already authorized by the ASA are:

Fire Protection and Fire Resistance, (A51)
Chimneys and Heating Appliances (A52)
Light and Ventilation (A53)
Fire-Extinguishing Equipment (A54)

To develop proper working stresses for building materials, the Building Code Correlating Committee plans to organize an advisory committee. The personnel of this advisory committee would include engineers of national reputation and wide experience with building materials and building construction. It is hoped through this committee to obtain a consensus of the best professional opinion as to proper working stresses consistent with public safety and economy.

Data from tests on full-size samples of construction in masonry, steel, and other building materials are now being summarized and tabulated. This information, together with data on working stresses assembled by the former Building Code Committee of the Department of Commerce, will be available to the new committee.

SEATTLE FIRM SUPPORTED FOR DRY DOCK JOB

Labor and Business Interests Join To Get $10,000,000 Navy Contract

Aggressive campaigning to obtain a contract for the Wallace Bridge and Structural Steel Company to construct the $10,000,000 floating dry dock for Pearl Harbor has been started by Seattle business interests led by a committee of which J. A. Earley, president of the Seattle Port Commission, is chairman.

The company is one of four Pacific Coast firms mentioned as probable bidders for the contract. The others are Bethlehem Shipbuilding Corp., Moore Dry Dock Company, and the Los Angeles Shipbuilding Company.

Bids are to be opened in Washington, November 25, by the chief of the Navy Bureau of Yards and Docks. Bidding is limited to western yard because the dry dock will be too large to tow through the Panama Canal. It will be 1016 ft. long and 165 ft. beam.

To assure construction of the dock within the contract time limit of 1100 working days the Seattle company has obtained written agreements with labor organizations whose members will be employed not to authorize any strikes against the job. It is estimated that 3000 men will be employed by the successful bidder.

Col. W. C. Bickford, chief engineer and general port manager at Seattle, looks upon the contract as a means of reviving ship building in the Seattle yards. He is quoted in a recent issue of the Seattle Journal of Commerce as follows:

"Construction of the drydock here would prove a definite step in the revival of shipbuilding at Seattle, which has been practically dormant since 1919. This is due to the fact that the graving-dock, which it would be necessary to build first to provide facilities for construction of the drydock, would be a permanent asset. To be located either at Pier 41 or the old location of Skinner & Eddy shipyards, the two sites available, the graving-dock would make it possible to build large navy dreadnaughts or liners at Seattle for private companies. The largest navy ship could be constructed here, with only a few changes necessary to the graving-dock.

"Not only has labor signed 100 per cent to permit no strike during the duration of the contract, but has pledged financial support to the Wallace company in helping to furnish $500,000 necessary to obtain a $5,000,000 performance bond required by the government from the successful bidder," Col. Bickford explained.

"A definite advantage Seattle has over other Pacific Coast cities is the difference in tide. High tide at Los Angeles is only about three feet, at San Francisco about 7 feet and at Seattle 21 feet. The importance of this is more clearly realized when it is known that the floating drydock when completed will draw 14.5 feet. Therefore, the California firms must include in their proposals cost of dredging a site to a depth of at least 15 or 16

Seattle To Issue Ruby Dam Proposals Within Six Weeks

The contract for constructing Ruby Dam of the Skagit project will be advertised within six weeks according to W. J. McKeen, acting superintendent of the Seattle municipal light and power bureau.

Separate proposals will be received for clearing the reservoir site, estimated at $300,000, and for constructing the dam, which will exceed $4,000,000.

Other work to be contracted soon by the city will be construction of transmission lines from the dam to Seattle and construction of a substation, which together will cost approximately $2,845,000. All contracts will be financed in part with PWA funds.

The Ruby Dam construction will involve 2000 acres clearing; 100,000 cubic yards loose rock excavation; 425,000 cubic yards mass concrete.

AGGREGATE STANDARD PRINTED BY BUREAU

The Division of Simplified Practice of the National Bureau of Standards has announced that printed copies of Simplified Practice Recommendation R163 - 36, Coarse Aggregates (crushed stone, gravel and slag) are now available. Copies may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for five cents each.

This simplified practice recommendation consists of two tables designated as Group A and Group B sizes of coarse aggregates. Each table gives size number, normal size of square openings of sieves, and the amounts finer than each sieve (square openings) percent by weight, for primary, and combined and modified sizes. Two tables showing typical uses for Group A and Group B sizes, and a table showing approximately equivalent round and square opening testing screens are included.

The recommendation was proposed by the Joint Technical Committee of the Mineral Aggrgates Associations, which includes representatives of the three leading associations of producers of mineral aggregates.

BRIDGE DECK TO SPAN GATE WITHIN MONTH

15,000 Tons of Steel Erected In Suspended Structure, Strauss Reports

Reaching out over the Golden Gate from each massive tower, the two long fingers of steel that will form the center span of the world's longest suspension bridge, will come together within a month, marking the actual bridging of Francisco's harbor entrance.

At the beginning of last week's work the center span steel erection had reached the 1600-ft. mark on the San Francisco side and the 1500-ft. mark on the Marin side, leaving but 100 feet to bring the two sides together.

Back span steel had been erected to the 900 mark on both sides of the Gate. There remain 200 ft. on either side to land the back spans to their respective pylons. According to the weekly report of Chief Engineer Joseph B. Strauss 15,000 tons of suspended structure steel has been erected to date.

Work on the suspended structure, which had been slowed down owing to an accident to the traveling derrick on the Marin side, was resumed at full speed again by the Bethelehem Steel Company last week, but this week will slow down to allow the riveting crews to catch up.

Meanwhile erection of the arch over old Fort Scott has been continuing and that structure is approximately 25 per cent complete

Final concrete work on both the Marin and San Francisco anchorages is nearing completion and a 40-ft. strip of paving, together with a 10-ft. sidewalk has been completed on the Marin approach span over its entire length from anchorage to abutment.

On the high viaduct of the east approach road through the Presidio steel erection has been fully completed, riveting, painting and paving is under way, the latter being about 50 per cent complete.

Work on excavations and fills between the high viaduct and the toll plaza above Fort Scott is going forward rapidly.

Preparations were under way this week for the start of paving the south approach span, with a large crew of carpenters employed in the erection of forms. Actual pouring of concrete will start the latter part of the week.

On the toll plaza site forms are being erected and concrete poured.

During the past week a total of 365 men marked the peak employment roll of the Bethlehem Steel Company alone, while more than 1000 men were engaged on the entire project.

Within a few days work on the Sausalito lateral approach span will again start full speed ahead under a new Works Progress Administration grant, raising the total employment roll to better than 1500.

Job Records of Licensed Contractors To Be Investigated by State Registrar

Contractors who fail to keep books as required by the state contractors' license act will be the objective of a special investigation to be made by inspectors under Registrar Earl S. Anderson acting on orders of the State Contractors' License Board issued Saturday at their meeting in Oakland.

The board received a report from the committee on rules and procedure, of which S. G. Johnson is chairman, to the effect that failure to keep proper records is one of the characteristics of unscrupulous operators and in many instances serves to cover illegal diversion of funds. The failure to maintain records showing all receipts and disbursements is in itself a violation of the license law and means of enforcing this provision have been worked out in cooperation with other divisions of the state government, Registrar Anderson reported. He said in the future the license bureau would have the assistance of the sales tax division of the State Board of Equalization in investigating contractors' records. Meanwhile the registrar has prepared a special series of forms to be supplied bureau inspectors for the purpose of obtaining information from contractors that will indicate whether their bookkeeping conforms with the law. Where investigations are indicated the inspector may demand that the contractor make a full report on the financing of a particular job.

Full enforcement of this section of the act was approved by a resolution of the board following presentation of the rules committee's report.

The board also adopted a resolution directed to building inspection departments of all cities and counties in the state asking cooperation in enforcing the state law by requiring contractors applying for permits to present their state license.

Another order of the board was issued in response to complaints that certain personnel had engaged in private work while employed by the bureau. Registrar Anderson reported that an investigation showed the work performed had been done outside of regular working hours and apparently was not in conflict with the employes' service to the state. Members of the board, however, generally expressed the opinion that such practice on the part of employes should not be countenanced. A resolution was adopted strongly expressing the board's disfavor with employes who attempt to maintain a private busines or profession while in the state's service.

Proposed amendments suggested by various branches of the industry were discussed extensively at an executive session during the two-day meeting. A final report on the legislative changes by a committee, of which Hugh McNulty is chairman, will be received at the next board meeting to be held in Sacramento soon after the legislature convenes next January.

The board's sessions were held in the Hotel Leamington, Oakland, commencing Friday morning and continuing until noon Saturday. The board members and officials of the bureau in attendance were guests at a luncheon Friday in the Oakland Builders' Exchange and Friday night at the anniversary celebration of the International Society of Master Painters and Decorators.

Roy M. Butcher, chairman of the board, presided at all sessions. Members in attendance were R. E. Homann and William Nies, Los Angeles; Hugh McNulty, Fresno, and S. G. Johnson, Oakland. Registrar Earl Anderson, Assistant Registrar Glen Slater and Ralph S. Bowdle of the Sacramento office and District Deputy Louis Erb of San Francisco, were present.

Glass Block Use To Be Described For S. F. Engineers

An address by Chief Engineer Harold Perrine of the Owens-Illinois Glass Company, on "Glass Block Construction" will be featured at the regular meeting of the Structural Engineers' Association of Northern California to be held at the Engineer's Club, Tuesday, November 10.

The talk on glass blocks will be illustrated by slides showing their uses and typical examples in building construction, and explain their performance as structural members and fire resisting materials. Mr. Perrine will also give a full description of the tests which have been made on glass blocks.

Following the formal meeting the chairmen of the regular committees will submit their reports and an account of structural engineers' convention in Santa Maria will be given accompanied by photographs of the convention activities.

Structural engineering students from the University of California and Stanford University, as well as architects and builders, are invited to attend the meeting which will start at 7 o'clock.

M. J. LYNCH, LOW BIDDER ON TAYLOR STREET

New Proposals Received For Market - Post Streets Reconstruction Contract

M. J. Lynch submitted the low bid of $27,909 yesterday to the San Francisco Board of Works for the reconstruction of Taylor Street between Market and Post Streets.

Two other bids were received. E. J. Treacy was second low at $29,376, and Charles L. Harney, third, at $29,413.

Bids for the job were first opened on October 7 with E. J. Treacy submitting the low bid of $31,684. This price was $6,416 over the estimate of City Engineer John J. Casey. Since the job is being financed with money from the county road fund the Board decided that the bids were too high and rejected them.

Principal items include: 2,770 lineal feet stone curb reset; 19,800 square feet 8-inch Class "E" concrete pavement parking lane; 780 tons asphaltic concrete base course 1180 tons asphaltic concrete wearing surface; 11,000 square feet 2-course concrete sidewalk, and 2050 lineal feet one and one - half - inch conduit.

The contract calls for setting back the curbs with the addition of a strip of concrete pavement adjacent to the curb line; surfacing with asphaltic concrete wearing surface, and filling in holes left by the removal of the Market St. Railway equipment.

Advisory Board Recommends Tolls For Bay Bridge

A complete schedule of proposed fares, recommended by the San Francisco-Oakland Bay Bridge Advisory Committee to the California Toll Bridge Authority, was announced yesterday.

The list follows:

1. Automobiles, ambulances, taxis and light commercial vehicles, all with driver and not to exceed four passengers, 65 cents. Passengers in excess of four, 5 cents each.

2. Commute, passenger automobiles only, with driver and not to exceed four passengers, 50 one-way trips a month, $22.50. Extra passengers, 5 cents each.

3. Trailers drawn by automobiles, 50 cents.

4. Auto trucks with driver, 75 cents.

5. Busses with driver, 75 cents Passengers, 5 cents each.

6. Motorcycle with driver, 20 cents. Extra passengers, five cents each.

EMPLOYMENT ON PRIVATE WORK INCREASES 2%

Labor Bureau Figures Also Show 100,000 Additional On WPA Projects

Employment in the private building construction industry increased 2.2 per cent between August and September, according to the monthly report of the U. S. Bureau of Labor Statistics. In the same period payrolls increased 1.5 per cent.

Employment in September was 23.2 per cent above the corresponding month of last year and payrolls were 36.6 per cent greater.

The bureau's figures are based on reports supplied by 8,758 contractors who employed 107,965 workers in erecting, altering and repairing private buildings. Employes on projects financed by the Public Works Administration, Reconstruction Finance Corp. or regular appropriations of the Federal, state and local governments are not included.

During September more than 3,200,000 wage earners were employed on projects financed by the works program. Of this total, 2,586,000 were working on projects operated by the Works Progress Administration. Compared with August employment, this is an increase of approximately 100,000. The increase occurred on that part of the program operated by the Works Progress Administration and was accounted for wholly by additional employees in the drought area. Total pay-roll disbursements for all wage earners employed on projects financed by the works program were in excess of $165,000,000. The value of orders placed for materials in September was $57,000,000.

Employment on all Public Works Administration projects was moderately lower in September. During the month approximately 333,000 workers were employed on these projects compared with 343-000 working in August. Total payroll disbursements of $24,000,000 were approximately $2,000,000 less than in August. Orders were placed for materials valued at more than $33,000,000. Of the 333,000 workers reported under Public Works Administration, 196,000 were engaged on projects financed from E.R.A.A. 1935 funds and are therefore also reported under the works program.

In emergency conservation work (Civilian Conservation Corps) a decrease of 63,000 in the number of workers employed was reported for September. The drop in emplyoyment was largely in enrolled personnel and was due to the end of an enlistment period. Of the 321,000 workers engaged on this program in September, 270,000 were enrolled employees; 41,000, supervisory and technical workers 8,000, reserve officers, and 2,000 educational advisers. Pay-roll disbursements for the month were approximately.

The number of employees working on construction projects financed from regular governmental appropriations increased slightly in September. This program engaged 150,000 workers in September compared with 147,000 in August. Pay-roll disbursements totaled $13,000,000 and orders were placed for materials valued at $17-500,000.

In the construction and maintenance of state roads employment was virtually the same in September as in August. In September 186,200 wage earners were employed compared with 185,700 in the previous month. September pay-roll disbursements amounted to more than $11,800,000.

FHA Modernization Loan Insurance Near Half-Billion Mark; Expenditures Analyzed

Nearly half a billion dollars in modernization credit advances have been insured by the Federal Housing Administration since it began operating a little more than two years ago. A report to October 3, 1936 shows insurance of 1,199,052 notes for a total of $445,991,684.

The proportionate share of this work among the prinpical building trades is indicated in a sample study of loan applications reported in the following table:

MODERNIZATION CREDIT INSURANCE

Type of Work	% of Total Expenditure
Plumbing and heating	31.4
Machinery and equipment	22.6
Carpentry and masonry	16.3
Roofing	12.8
Painting and decorating	10.7
Miscellaneous	6.2

Interesting is the fact apparent from the above tabulation that 39 per cent of the loans made were in fields heretofore undeveloped for installment buying, such as carpentry, masonry work, painting, etc.

The amendment in April of this year extended the active period of modernization credit provisions for another year and included insurance of Class A loans up to $50,000 each for structural repairs and purchase of eligible equipment and machinery for multiple family dwellings, apartment houses, institutions, industrial and commercial plants.

A further analysis of insured loans for modernization work below indicates the class of buildings benefitting:

TYPE OF BUILDINGS IMPROVED

Classification	Expenditure % of Total
Single-family residential	53.35
Multiple residential	16.93
Retail store & service trades	14.07
Commercial other than retail	4.20
Industrial	3.75
Farm property	3.77
Institutional	.85
All other	3.08

$323,700 Low Bid By Carl Swenson On Palo Alto Job

PALO ALTO, Nov. 4.—Low bid on the general contract for constructing the David Starr Jordan Junior High School was submitted to the Palo Alto Board of Education tonight by Carl N. Swenson, San Jose, at $323,700. Seven bids were received for the general contract, as follows:

C. N. Swenson, San Jose	$323,700
C. L. Wold Const. Co., San Francisco	329,670
Anderson & Ringrose, San Francisco	335,000
G. W. Williams Co., Burlingame	336,984
K. E. Parker, S. F.	344,690
Monson Bros., S. F.	346,236
A. Nelson, Inc., S. F.	358,875

Bids were opened tonight also on five segregated contracts for floor covering, black boards and steel lockers, but the low bidder for each could not be determined until a complete tabulation is made by the architect.

The new school is to be located at Middlefield Road and California Avenue. It will be two stories of reinforced concrete construction, accommodating 1000 pupils. There are to be 27 classrooms, gymnasium for boys and girls, auditorium to seat 1000, cafeteria and library. The plant was designed by Architects Birge M. and David B. Clark, Palo Alto.

Financing for the contract is entirely from school district bond funds. No application for PWA assistance was made.

COURT APPROVES W. P. IMPROVEMENTS

Federal Judge A. F. St. Sure has signed an order permitting the Western Pacific Railway to spend approximately $7,000,000 for new equipment and improvements to present equipment next year

The company now is operating in reorganization under bankruptcy.

The order permits the company to spend $4,079,995 for new equipment, $368,000 for maintenance, and $2,605,000 for improvement of present equipment.

Dump Truck Rental Rate-Fixing Order To Be Tested In State Supreme Court

Authority of the California Railroad Commission to fix minimum rates for dump truck rental to the State Division of Highways is to be tested in the State Supreme Court. The action follows an order by the railroad commission to truck operators to bid not less than the tariff fixed by commission order on truck rentals for highway maintenance.

Petition for a writ of review by the supreme court was filed by C. C. Carleton, attorney for the Department of Public Works, jointly with Albert E. Sheets of Sacramento, attorney for Paul Entremont, dump truck owner to whom the commission order was directed. The state's case as intervener in the trial of Entremont by the commission and as petitioner for the writ of review is being handled by Frank B. Durkee, member of the state's legal staff.

Principal contentions of the Division of Highways are that the State Highway Carriers' Act as it has been interpreted by the railroad commission is in direct conflict with the provisions of the Streets and Highways Code and that the commission has exceeded its jurisdiction in attempting to establish minimum truck rentals on public works.

"The executives of our department are decidedly of the opinion that any extension of the railroad commission's jurisdiction to cover the rental of equipment for such purposes as highway and street maintenance is against the established policy of the state, and not in the public interest." Mr. Durkee said.

It is understood that attorneys for various municipalities also affected by the commission's rulings may join in the action before the supreme court.

The petition to the supreme court is based on the findings of the railroad commission that Paul Entremont had violated the Highway Carriers' Act by contracting to furnish 3½-yard dump trucks for highway maintenance work in Mendocino County at a rate of $2.50 an hour, whereas the rate fixed for Northern California for rental of equipment in this class is $2.59 an hour. Entremont was directed to collect from the State Department of Public Works the difference between his bid and the rate fixed and to cease and desist from further bidding below the minimum.

State Highway Engineer C. H. Purcell on advice of the state's attorneys rejected the claim filed by Entremont under the commission's order and has advised his division engineers to continue to award equipment service contracts to low bidders.

New orders for electric industrial trucks and tractors for the first nine months of 1936 amounted to 899, compared with 669 for the same period in 1935, according to the report of the Bureau of Census.

Sudden Illness Proves Fatal to James D. Fraser

Death claimed James D. Fraser, one of California's best known general engineering contractors, early Sunday in Eureka. Mr. Fraser was president of the firm of Mercer-Fraser Co. of Eureka.

He died a few hours after he had been stircken with a heart attack at his summer home near Benbow. He was 58 years of age.

Mr. Fraser's company did much work in San Francisco immediately after the 1906 fire, and built some of the buildings for the 1915 World's Fair. Many of Eureka's principal buildings were erected by the company and much of the construction work for the Pacific Lumber Company in Humboldt County and the Northwestern Pacific railroad was handled by the firm. The largest contract completed recently by Mercer-Fraser was the $600,000 bridge on the Oregon coast highway at the mouth of the Siuslaw River. Earlier the company had constructed the Rogue River bridge at Gold Beach for the Oregon highway department.

Mr. Fraser was a member of Northern California Chapter, Associated General Contractors, and was president of the chapter in 1927. He was a charter member of the predecessor organization, the Contractors' Association of Northern California, organized in 1919.

Funeral services were held Tuesday in Eureka, followed by encryptment at Sunset Memorial Park there.

OAKLAND BUDGETS NEW STREET FUND

Oakland City Council has budgeted an additional $49,500 received from gasoline tax revenues for street improvements.

Widening of Market Street, from Thirty-Sixth to Adeline Streets, is allotted $20,000; reconstruction of Foothill Blvd. at Forty - Eighth Avenue, $2000; extension of Gilbert Street, $10,000; improvement of Mountain Blvd. and Calaveras Ave., $17,500.

RECLAMATION TO ASK BIDS ON CANAL WORK

Siphon, Power Drops and Crossings Will Be Contracted Soon

Designs are in progress for a number of structures along the route of the All-American canal which will be advertised for contracting within the next few months, the U. S. Bureau of Reclamation announces. Among the larger of these are the siphon across New River, four large power drop structures on the East Mesa, a crossing and wasteway at the Alamo River, and several turnouts, checks and road crossings in the Imperial Valley.

Contract for all sections of the excavation have been awarded and to date 46,109,000 cubic yards of material have been moved. This represents about 74 per cent of the 62,000,000 yards estimated total. Total value of contracts in construction is about $12,155,000. Contractors are employing 2,000 men.

Since the first of October concrete placing has been speeded up at the Imperial Dam, which creates the diversion reservoir for the All-American Canal. Abutments on both the California and Arizona sides of the river are being poured and concrete pilings to support the headworks for the All-American canal and the Gila Valley canal are being placed. Of a total of 2,250 concrete piles required 1,097 had been driven by October 1. Excavation has totaled 1,815,700 cubic yards at the dam site and 2,592,000 pounds of steel sheet piling have been placed.

Imperial dam is being constructed by Morrison-Knudsen Co., Utah Construction Co., and Winston Brothers. The contract was awarded on a bid of $4,374,240.

Temporary Trestle Planned To Restore Red Bluff Crossing

The State Division of Highways will construct a temporary timber trestle across the Sacramento River at Red Bluff to replace one span of an old steel bridge which collapsed under the weight of two trucks crossing early Tuesday.

Assistant State Highway Engineer George T. McCoy said the cost of the temporary structure would be approximately $10,000. The State Highway Commission had included an item in the next biennial budget for replacement of the old bridge, it is reported.

Acting Bridge Engineer F. W. Panhorst who inspected the bridge failure stated that it would be impractical to attempt work on a new bridge until the high water period has passed next year.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2230	Weiman	.....	3000
2231	Bartlett	Quistad	8000
2232	Doane	Blincoe	3000
2233	Annex	Owner	4500
2234	Hibernia	Vukicevich	1500
2235	Taylor	Hannah	9890
2236	Upland	Lindberg	8500
2237	Bethlehem	Owner	5000
2238	Waters	Portello	3000
2239	Rasmussen	Owner	7000
2240	Barber	Owner	3000
2241	Rice	Little	8000
2242	Johnson	Owner	4000
2243	Williams	Ross	7847
2244	Strause	Owner	1500
2245	Southern Pacific	Owner	25,000
2246	Barber	Owner	3000
2247	Barber	Owner	3000
2253	Meyer	Owner	4850
(2248	Koch	Shea	5000
2249	Rosemont	Owner	4000
2250	Morris	Owner	6000
2251	Sisters	Hurley	1000
2252	Giuffre	Aetna	2500
2254	Peterson	Owner	4500
2255	Peterson	Owner	4500
2256	Galli	Owner	5000
2257	Galli	Owner	5000
2258	Hotaling	Owner	1000
2259	Vorst	Newman	3000
2260	San Francisco	Owner	1500
2261	Koch	Shea	5000
2262	Balboa	Owner	1500
2263	Cupples	Sandow	4000
2264	Cupples	Sandow	4000
2265	Cupples	Sandow	4000
2266	Smith	Owner	2000
2267	Smith	Owner	12500
2268	Smith	Owner	1200
2269	Smith	Owner	3000
2270	Smith	Owner	2000
2271	Smith	Owner	2000
2272	Meyer	Owner	4000
2273	Meyer	Owner	4350
2274	Meyer	Owner	4350
2275	Meyer	Owner	3800
2276	Meyer	Owner	3800
2277	Meyer	Owner	3800
2278	Meyer	Owner	3800
2279	Meyer	Owner	3800
2280	Standard	Owner	3000
2281	Standard	Owner	2000
2282	Happy	Owner	3450
2283	Doane	Blincoe	2000
2284	Albertoli	Owner	5000
2285	Donough	Owner	8500
2286	Raymond	Stahl	2500
2287	Stoneson	Owner	4500
2288	Beinsberger	Mattock	4000
2289	Goodman	Owner	3500

ALTERATIONS
(2230) SW COR. HYDE & PINE. Alter stores and flats.
Owner—Max Weiman, 40 6th St.
Contractor—Not Let.
Architect—Vincent Buckley, 525 Market. $3000

FLATS
(2231) E. FILLMORE, 50 N OF BEACH. Two-story frame flats.
Owner—J. W. and M. F. Bartlett. 1476 26th Ave.
Contractor — Thomas Quistad, 1601 Beach.
Architect—Richard R. Irvine, 3431 Market. $8,000

ALTERATIONS
(2232) 2723 PACIFIC. Alter dwelling.
Owner—Cyril Doane, 49 Rico Way.
Contractor—C. O. Blincoe, 2663 15th Ave.
Architect—Not Given. $3000

ALTERATIONS
(2233) 844 MARKET. Alter factory.
Owner—Annex Realty Co., Prem.
Architect—Not Given. $4500

ALTERATIONS
(2234) 111 TAYLOR. Alter hotel.
Owner—Hibernia Bank, Jones and McAllister Sts.
Contractor—M. E. Vukicevich, 666 Mission.
Architect—Not Given. $1500

DWELLING
(2235) NW LANSDALE & CASITAS. Two-story and basement frame dwelling.
Owner—P. A. Taylor, care Architect.
Contractor—J. Hannah, 268 Market.
Architect—Martin Rist, 944 Phelan Bldg. $9890

DWELLING
(2236) E. CASTENADA, 247 S PACHECO. One-story and basement frame dwelling.
Owner—T. R. Upland, care Contractor.
Contractor—C. Lindberg, 1 Naylor.
Architect—Harold Stoner, 41 Sutter.

WAREHOUSE
(2237) HUNTERS POINT Drydock. One-story Class C warehouse.
Owner—Bethlehem Shipbuilding Co., 20th and Illinois Streets.
Engineer—Thos. F. Boyle, care owner, Alameda. $5,000

ALTERATIONS
(2238) SW COR. BUSH and Van Ness Ave. Alter store.
Owner—Jas. F. Waters, premises.
Contractor—F. Portello, 1279 43rd Avenue.
Architect—Douglas Stone, 381 Bush Street. $3,000

FLATS
(2239) S BEACH ST. 100 W Buchanan Two-story frame flats.
Owner—V. Rasmussen, 1690 Beach.
Architect—Not Given. $7,000

DWELLING
(2240) S BOSWORTH 150 W Rousseau. One-story and basement frame dwelling.
Owner and Builder—H. Barber, 225 College Avenue.
Architect—Not Given. $3,000

DWELLING
(2241) N GREEN ST. 170 W Baker. Two-story and basement frame dwelling.
Owner—Frank H. Rice, 2475 Vallejo.
Contractor—M. A. Little Co., 107 24th Avenue.
Architect—Gardner Dailey, 210 Post Street. $8,000

DWELLING
(2242) W 17th AVE. 142 N Wawona. One-story and basement frame dwelling.
Owner and Builder—S. F. Johnson. 600 Wawona.
Architect—Not Given. $4,000

ALTERATIONS
(2243) 160 HOOPER STREET. Alter warehouse.
Owner—Williams Wallace Co., premises.
Contractor—D. W. Ross, 1440 15th Avenue.
Architect—Chas. E. J. Rogers, Phelan Bldg. $7847

ALTERATIONS
(2244) 555 TENTH ST. Alter factory.
Owner and Contractor—L. Strause, 555 Tenth Street.
Architect—Not Given. $1500

ALTERATIONS
(2245) FIFTH and Berry Sts. Alter freight house.
Owner & Contractor—Southern Pacific Co., 65 Market Street.
Architect—J. H. Christie, 65 Market Street $25,000

DWELLING
(2246) S BOSWORTH 125 W Rousseau. One-story and basement frame dwelling.
Owner and Builder—H. Barber, 225 College Avenue.
Architect—Not Given. $3,000

DWELLING
(2247) E ROTTECK 60 S Bosworth. One-story and basement frame dwelling.
Owner and Builder—H. Barber, 225 College Avenue.
Architect—Not Given. $3,000

DWELLING
(2248) E 28th AVE. 125 S Cabrillo. One-story and basement frame dwelling.
Owner—Henry W. Koch, 180 15th St.
Contractor — Shea Construction Co., 105 Montgomery Street.
Architect—Not Given. $5,000

DWELLING
(2249) NW SANTA Ana and Ocean Ave. One-story and basement frame dwelling.
Owner—Ed Rosemont, 176 Duboce.
Architect—Not Given. $4,000

DWELLING
(2250) NW COR. FUNSTON AVE. and Ulloa. Two-story and basement frame dwelling.
Owner—A. T Morris & Sons, 5400 Fulton Street.
Architect—Not Given. $6,000

ALTERATIONS
(2251) 890 HAYES ST. Alter convent.
Owner—Sisters of the Holy Family, 890 Hayes Street.
Contractor—P. J. Hurley, 1676 Hayes.
Architect—Not Given. $1,000

SERVICE STATION
(2252) S MISSION E of Whittier. Steel service station.
Owner—A. Giuffre, % contractor.
Contractor—Aetna Const. Co., 238 Arleta. $2,500

DWELLING
(2253) SE JUANITA WAY and Evelyn Way. One-story and baseframe dwelling.
Owner and contractor—Meyer Bros., 735 Portola Drive.
Architect—Not Given. $4850

DWELLING
(2254) W. 25TH AVE., 175 S KIRKHAM. One-story and basement frame dwelling.
Owner—Ernst L. Peterson, 447 28th Street.
Architect—Not Given. $4.500

DWELLING
(2255) W. 25TH AVE., 200 S KIRKHAM. One-story and basement frame dwelling.
Owner—Ernst L. Peterson, 447 28th Street.
Architect—Not Given. $4.500

DWELLING
(2256) W. 24TH AVE., 44 S OCEAN. Two-story and oasement frame dwelling.
Owner—R. F. Galli, 377 West Portal.
Architect—E. H. Denke, 1317 Hyde Street. $5,000

DWELLING
(2257) W. 24TH AVE., 86 S OCEAN Ave. Two-story and basement frame dwelling.
Owner—R. F. Galli, 377 West Portal.
Architect—E. H. Denke, 1317 Hyde St. $5,000

ALTERATION
(2258) 1282 MARKET. Alter stores.
Owner—F. C. Hotaling, care Architect.
Architect—Alfred J. Kraft, Phelan Bldg.
Engineers—J E. Kraft & Sons, Phelan Bldg.

ALTERATIONS
(2259) 521 7TH ST. Alter factory.
Owner—Tom S. Vorst, 781 Brannon.
Contractor—C. Newman, 507 Brannan.
Architect—Not Given. $3000

CROSS BRIDGE
(2260) MARKET, BET. STEUART & SPEAR. Temporary Cross Bridge.
Owner—S. F. Bay Bridge Dedication Committee, City Hall.
Architect—Not Given. $1500

DWELLING
(2261) E. 28TH AVE., 125 S CABRILLO. One-story and basement frame dwelling.
Owner—Henry W. Koch, 180 10th St.
Contractor—Shea Const. Co., 105 Montgomery.

ALTERATIONS
(2262) SE. CENTRAL AVE. AND TURK. Alter apartments.
Owner—Balboa Paint Co., Inc., 1253 9th Ave.
Architect—Not Given. $1500

DWELLING
(2263) E. 27TH AVE., 250 S KIRKHAM. One story and basement frame dwelling.
Owner—Wm. H. Cupples, 318 Kearny.
Contractor—Harry L. Sandow, 1429 Bernal Ave., Burlingame.

DWELLING
(2264) W. 23RD, 225 N LAWTON. One-story and basement frame dwelling.
Owner—Wm. H. Cupples, 318 Kearny St.
Contractor—Harry L. Sandow, 1429 Bernal Ave., Burlingame.

DWELLING
(2265) W. 23RD AVE., 250 N LAWTON. One-story and basement frame dwelling.
Owner—Wm. H. Cupples, 318 Kearny Street.
Contractor—Harry L. Sandow, 1429 Bernal Ave., Burlingame.

DWELLING
(2266) NE. COR. 46TH AND WAWONA. Two-story frame dwelling.
Owner—C. L. Smith, care Architect.
Architect—Conrad T. Kett, 519 California St. $2000

DWELLINGS
(2267) NE. COR. 46TH AND WAWONA. One- and two-story frame dwellings, Units A to F.
Owner—C. L. Smith, care Architect.
Architect—Conrad T. Kett, 519 California. $12,500

DWELLING
(2268) NE. COR. 46TH AND WAWONA. One-story frame dwelling.
Owner—C. L. Smith, care Architect.
Architect—Conrad T. Kett, 519 California. $1200

DWELLING
(2269) NE. COR. 46TH AND WAWONA. One-story frame dwelling.
Owner—C. L. Smith, care Architect.
Architect—Conrad T. Kett, 519 California. $3000

DWELLING
(2270) NE. COR. 46TH AND WAWONA. One-story frame dwelling.
Owner—C. L. Smith, care Architect.
Architect—Conrad T. Kett, 519 California. $2000

DWELLING
(2271) NE. COR. 46TH AND WAWONA. One-story frame dwelling.
Owner—C. L. Smith, care Architect.
Architect—Conrad T. Kett, 519 California. $2000

DWELLING
(2272) E. 19TH AVE., 225 S ULLOA. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. $4000

DWELLING
(2273) NW. COR. JUANITA WAY & FOWLER. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola.
Architect—Not Given. $4350

DWELLING
(2274) E. 19TH AVE., 250 S. ULLOA. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. $3,800

DWELLING
(2275) SE. JUANITA WAY, 250 NE FOWLER AVE. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. $3,800

DWELLING
(2276) SE. JUANITA WAY, 180 NE FOWLER AVE. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. $3,800

DWELLING
(2277) SE. JUANITA WAY, 130 NE FOWLER. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. $3,800

DWELLING
(2278) SE. JUANITA WAY, 230 NE FOWLER. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. $3,800

DWELLING
(2279) SE. JUANITA WAY, 155 NE FOWLER. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. $3,800

SERVICE STATION
(2280) NE. 17TH AND MARKET. One-story steel service station.
Owner—Standard Stations, Inc., 225 Bush St.
Architect—Not Given. $3,000

SERVICE STATION
(2281) NE. COR. 17TH & MARKET. One-story steel service station.
Owner—Standard Stations, Inc., 225 Bush St.
Architect—Not Given. $2,000

DWELLING
(2282) W. 29TH AVE., 300 N. RIVERA. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 2194 30th Ave.
Architect—Not Given. $3,450

ALTERATIONS
(2283) 2723 PACIFIC. Alter dwelling.
Owner—Cyril Doane, 49 Rico Way.
Contractor—C. O. Blincoe, 2663 15th Avenue.
Architect—Not Given. $2,000

DWELLING
(2284) N. FRANCISCO, 187 E OF POLK. Two-story and basement frame dwelling.
Owner—John Albertoli, 1101 Francisco.
Architect—Not Given. $5,000

FLATS
(2285) E. 42ND AVE., 25 N FULTON. Two-story frame flats.
Owner—M. Donough, 148 Randall.
Architect—C. O. Clausen, 746 46th Ave. $8,500

ALTERATIONS
(2286) 85 ST. ELMO WAY. Alter dwelling.
Owner—Raymond, Marcus and McCune, Prem.
Contractor—A. J. Stahl, 1085 Monadnock Bldg.
Architect—Walter C. Clifford, 601 O'Farrell. $2,500

DWELLING
(2287) W. JUNIPERO SERRA, 157 N OCEAN. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $4,500

DWELLING
(2288) E. BRODERICK, 100 S UNION. One-story and basement frame dwelling.
Owner—Helen Beginsberger, 2662 Broderick.
Contractor—A. F. Mattock, 212 Clara St.
Architect—E. M. Sparks, Sutter and Montgomery Sts. $4,000

DWELLING
(2289) W. 43D AVE., 241 N BALBOA. One-story and basement frame dwelling.
Owner—E. L. Goodman, 364 Bush St.
Architect—Not Given. $3,500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt
1669	Scherman	Alexander	2500
1670	Barnett	Owner	2000
1671	Fisher	Johnson	4000
1672	Peel	Owner	3500
1673	Stolz	Owner	11500
1674	Vollman	Confer	7000
1675	Noble	Hawkins	3000
1676	Scammell	Owner	5000
1677	Nicholson	Nicholson	4000
1678	Beck	Teigland	4000
1679	Patrick	Sommarstrom	4650
1680	Newton	Parks	8000
1681	Sherman	Wiggins	2900
1682	Ford	Wiggins	2900
1683	Berger	Owner	3400
1684	Pollard	Jensen	1000
1685	Arnold	Beckett	7000
1686	Sexton	Sexton	4500
1687	Steinan	Leefland	1000
1688	Heraty	Jensen	5550
1689	Martensen	Owner	4000
1690	Martensen	Owner	4000
1691	Meek	Owner	3800
1692	Thomas	Reese	2200
1693	Carew	Shaw	7200
1694	Haro	Neilson	2850
1695	Goslin	Haskell	7886
1696	Ellis	Alexander	2500
1697	Alexander	Owner	1000
1698	Steffensen	Steffensen	9000
1699	Scammell	Owner	5000
1700	Moore	Owner	40000
1701	Ferro	Muller	4500
1702	Berkeley	Norgrove	5000
1703	Hays	Burritt	1400

SERVICE STATION
(1669) 1601 14TH AVE., OAKLAND. One-story steel service station.
Owner—Sol Scherman, Prem.
Contractor—Fred D. Alexander. 358 17th St.
Architect—Not Given. $2500

ALTERATIONS
(1670) 2933 GEORGIA ST., OAKLAND. Alterations and additions.
Owner & Builder—D. C. Barnett, 2933 Georgia St.
Architect—Not Given. $2000
Also repairs to garage, $50

DWELLING
(1671) 7627 HOLLY ST., OAKLAND. One-story 6-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor — Elmer Johnson, 450 Oakes Blvd., San Leandro.
Architect—Not Given. $4000
Also 1-story garage, $200.

DWELLING
(1672) 3131 CLAREMONT, OAKLAND. One-story 5-room dwelling.
Owner & Builder—M. A. Peel, 10 Oakvale Ave.
Architect—Not Given. $3500

DWELLING
(1673) 2985 DWIGHT WAY, OAKLAND. Two-story 12-room frame dwelling, and garage.
Owner & Builder—Mrs. H. R. Stolz, 2317 Prospect.
Architect — H. Goodpastor, Sacramento. $11,500

DWELLING
(1674) 990 CRESTON ROAD, OAKLAND. Two-story 6-room frame dwelling and garage.
Owner—R. C. Vollmar, 1635 Spruce.
Contractor—F. W. Confer, 1328 Arch.
Architect—Not Given. $7000

DWELLING
(1675) 2740 RUSSELL, OAKLAND. Two-story 5-room frame dwelling, and garage.
Owner—Emily W. Noble, 2746 Russell.
Contractor—H. J. Hawkins, 2986 College.
Architect—L. Hyde, 25th St., Oakland. $3000

DWELLING
(1676) 2527 CASTILLO ST., OAKLAND. One-story 6-room dwelling.
Owner and Contractor—J. W. Scammell, 3161 Fruitvale Ave., Oakland.
Architect—Not Given. $5,000

DWELLING
(1677) 1237 ROSE ST., BERKELEY. One-story 4-room dwelling.
Owner—Rachael Nicholson, 550 Blossom Way, San Leandro.
Contractor—D. W. Nicholson.
Architect—J. Ulen. $4,000

DWELLING
(1678) 969 MILLER, OAKLAND. Two-story 4-room frame dwelling.
Owner—Mr. and Mrs. Beck, 1 Northgate, Berkeley.
Contractor — C. M. Teigland, 4607 Harbor Drive, Oakland.
Architect—Not Given. $4,000

DWELLING
(1679) 770 GRIZLY PEAK, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—Fred Patrick, 546 30th St., Oakland.
Contractor—Edw. Sommarstrom, 627 Vernon St., Berkeley.
Architect—H. Hyde, 705 25th Street, Oakland. $4650

DWELLING
(1680) 1082 MILLER, BERKELEY. Two-story 6-room frame dwelling.
Owner—Mrs. Newton, Berkeley Womens' City Club.
Contractor—R. G. Parks, 2104 Addison St., Berkeley.
Architect—T. Confer, Berkeley. $8000

DWELLING
(1681) 8133 WINTHROPE ST., OAKLAND. One-story 5-room dwelling.
Owner—Baldwin Sherman, 529 28th St., Oakland.
Contractor — Wiggins and Swanson, 6640 Thornhill Drive, Oakland.
Architect—Not Given. $2900

DWELLING
(1682) 8117 WINTHROPE St., OAKLAND. One-story 5-room dwelling.
Owner—Irving F. Ford, 6149 Monadnock St., Oakland.
Contractor — Wiggins and Swanson, 6640 Thornhill Drive, Oakland.
Architect—Not Given. $2900

DWELLING
(1683) 4528 CONGRESS AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Adolph Berger, 4521 Congress Ave., Oakland.
Architect—Not Given. $3400

SHED
(1684) 522 GRAND AVE., OAKLAND. One-story brick shed.
Owner — W. H. Pollard, 522 Grand Ave., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.
Architect—Not Given. $1,000

DWELLING
(1685) 112 LATHAM ST., PIEDMONT. One-story 5-room residence and garage.
Owner—S. Arnold, 232 Monte Vista Ave., Piedmont.
Contractor—A. T. Beckett, 224 Scenic Avenue.
Architect—Not Given $7,000

DWELLING
(1686) 201 MANDALAY RD., OAKLAND. One-story 5-room dwelling.
Owner — Emma Sexton, 6100 Taft Avenue.
Contractor—J. Sexton, 6100 Taft Avenue.
Architect—Not Given. $4500

ALTERATIONS
(1687) 1501 HAVENSCOURT BLVD, OAKLAND. Alterations and additions.
Owner—Doane Steinan, Prem.
Contractor—John J. Leeflang, 2408 Bartlett St.
Architect—Not Given. $1000

DWELLINGS (3)
(1688) 6330-38-46 VALLEY VIEW DR., OAKLAND. One-story 3-room dwellings (3).
Owner—Phil Heraty, 5815 Thornhill Road.
Contractor—H. K. Jensen, 1440 Broadway.
Architect—Not Given. $1850 ea.

DWELLING
(1689) 2806 SUNSET AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Paul Mortensen, 2417 Palmetto St.
Architect—Not Given. $4000

DWELLING
(1690) 3100 LYNDE ST., OAKLAND One-story 5-room dwelling.
Owner & Builder—Paul Martensen, 2417 Palmetto St.
Architect—Not Given. $4000

DWELLING
(1691) 4157 REINHARDT DRIVE, OAKLAND. One-story 6-room dwelling.
Owner & Builder—Jacob Meek, 1455 154th Ave., San Leandro.
Architect—Not Given. $3800

ADDITION
(1692) 2598 61ST AVE., OAKLAND. Addition.
Owner—Peter Thomas, 2596 61st Ave.
Contractor—T. O. Reese, 618 Victoria Court, San Leandro.
Architect—Not Given. $2200
Also 1-story garage, $150.

DWELLING
(1693) 1804 CLEMENS RD., OAKLAND. One-story 6-room dwelling.
Owner—W. A. Carew, Sr., 5528 Adeline St.
Contractor—A. W. Shaw, 5401 Broadway.
Architect—E. O. Blodgett, 1989 Hoover Ave. $7200

DWELLING
(1694) 1738 VIRGINIA, BERKELEY. One-story 5-room frame dwelling.
Owner—T. Haro, 2235 Browning.
Contractor—L. Neilson, 2305-A Acton.
Architect—C. Gyman. $2850

DWELLING
(1695) 2617 LE CONTE. Two-story 5-room frame dwelling, and garage.
Owner—J. E. Goslin, 2479 Le Conte.
Contractor—A. A. Haskell, 255 Ridgeway Ave.
Architect—Williams & Wastell, 37-A 17th St., Oakland. $7886

SERVICE STATION
(1696) 2001 ASHBY. Service station.
Owner—W. D. Ellis, 2208 Grove.
Contractor—F. D. Alexander, 434 Wayne Ave., Oakland.
Architect—Not Given. $2500

ALTERATIONS
(1697) 1141 PAGE, BERKELEY. Alterations.
Owner & Builder—J. C. Alexander, 1151 Page.
Architect—Not Given. $1000

FLATS
(1698) 2733-35 PARK BLVD., OAKLAND. Two-story 12-room flats.
Owner—Frank Steffensen, 1300 Webster St.
Contractor—A. Steffensen, 1300 Webster St.
Architect—Not Given. $9,000

DWELLING
(1699) 2551 CORDOVA ST., OAKLAND. One-story 6-room dwelling.
Owner & Builder—J. W. Scammell, 3161 Fruitvale Ave.
Architect—Not Given. $5000

STEEL SHOPS
(1700) FOOT OF ADELINE ST., OAKLAND. One-story steel shops.
Owner & Builder—Moore Dry Dock Co., foot of Adeline St.
Architect—Not Given. $40,000

ALTERATIONS
(1701) 1100 57TH AVE., OAKLAND. Alterations.
Owner—Ferro Enameling Co., 1100 57th Ave.
Contractor—F. A. Muller, 1416 Jefferson St.
Architect—Miller & Warnecke, Financial Center Bldg. $4,500

ALTERATIONS
(1702) 2120 ALLSTON WAY, BERKELEY. Alterations.
Owner—Berkeley Chapter, American Red Cross, Allston Way and Oxford.
Contractor—C. M. Norgrove, 2220 Roosevelt.
Engineer—P. C. Hoyt. $5,000

ALTERATIONS
(1703) 2924 DERBY, BERKELEY. Alterations.

Owner—Mrs. Wm. Hays, Prem.
Contractor—O. L. Burritt, 427 63rd St., Oakland.
Architect—Not Given. $1,400

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
159	Hamill	Jensen	14715
160	Haase	Tait	68370
161	O'Connor	Smith	10497
162	Hamill	Jensen	14715

DWELLING
(159) S BAY 255 E Hyde St. Two-story and basement frame dwelling with garage.
Owner—James M. and Willy Zanetti Hamill, care architect.
Architect—W. W. Wurster, 260 California Street.
Contractor—G. P. W. Jensen & Sons Inc., 320 Market Street.
Filed, Oct. 31, '36. Dated, Oct. 16, '36.
Frame complete $3678.75
Plaster in place..... 3678.75
Completion 3678.75
Usual 35 days..... 3678.75
TOTAL COST, $14,715
Limit, March 1. Plans and specifications filed.

ADDITION
(160) NW COR. TURK and Mason Sts. Nine-story and basement addition to Class A hotel.
Owner—Arnold and Elizabeth Haase Oxford Hotel.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—W. C. Tait, 883 Market.
Filed, Nov. 2, '36. Dated. Oct. 26, '36.
Tenth of each month.....75%
Usual 35 days.....25%
TOTAL COST, $68,370
Bond, $34,185. Sureties, New York Casualty Co. Limit, June 1, 1937. Plans and specifications filed.

BUILDING
(161) E VAN NESS AVE South 185 S 12th St. Class C concrete bldg. with concrete foundation and tar and gravel roof.
Owner—Dennis O'Connor, 1107 Shrader Street.
Architect—G. A. Berger, 309 Valencia Street.
Contractor—Alfred E. Smith as Mission Concrete Constructors, 272 Turk St.
Filed, Nov. 2, 1936. Dated, ...
Forms completed $2500
Concrete walls 2500
Completion 2500
Usual 35 days..... 2997
TOTAL COST, $10,497.00
Bond, $10,97. Sureties, The Fidelity & Casualty Co. of New York. Limit, 60 days. Plans and Spec. filed.

DWELLING
(162) S. BAY ST., 225 E. HYDE. Two-story frame dwelling, with garage.
Owner—James M. Hamill, care Architect.
Architect—William Wilson Wurster, 260 California St.
Contractor—G. P. W. Jensen & Sons, 320 Market St.
Filed Oct. 31, '36. Dated Oct. 16, '36.
Frame complete $3678.75
Brown coat plaster..... 3678.75
Acceptance 3678.75
Usual 35 days..... 3678.75
TOTAL COST, $14,715.00
Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
148	Carew	Shaw	7220
149	Mills	Scott	989

RESIDENCE
(148) N SIDE CLEMENTS RD., Lot 5 Blk 10, Oakmore Highlands Oakland. One-story and basement residence.
Owner—Mrs. W. A. Carew, Sr., 5528 Adeline St., Oakland.
Architect—Edward O. Blodgett, 1989 Hoover Ave., Oakland.
Contractor—Arthur W. Shaw, 5401 Broadway, Oakland.
Filed, Nov. 2, '36. Dated, Oct. 27, '36.
10th day of each month.....75%
Usual 35 days.....25%
TOTAL COST, $7220.00
Limit, 90 days. Plans and specifications filed.

WIRING
(149) 9TH & FALLON STREETS, OAKLAND. Wiring.
Owner—Mills College, Seminary and Camden Sts., Oakland.
Architect—W. H. Ratcliff, Am. Tr. Bldg., Berkeley.
Contractor—Scott Buttner Co., 2214 Webster St., Oakland.
Filed Nov. 4, '36. Dated Sept. 16, '36.
75% labor and matl. before 10th each month.
25% usual 35 days.
TOTAL COST, $989.00
Bond, $989. Surety, Fidelity & Dep. Co. Limit, 45 days.

SAN FRANCISCO CO., UNDER $1000

BILBOARD, $7; W Van Ness Ave. South 160 N 13th St. owner and builder, Foster & Kleiser Co. 1675 Eddy St.
ALTER dwelling, $350; 750 Ulloa St. owner, Gus W. Olsen, premises.
ALTER flats, $250; 1301 Dolores St.; owner, Roscoe Bollier, premises; contractor, J. B. Bourdieu, 2625 20th St.
ALTER flats, $250; 1553 Jennings; owner, L. Macchi, premises.
ALTER apts., $563; 592 28th Ave.; owner, Otto and Sweet, 277 27th Ave.; contractor, Fred M. Kimball, 129 9th Ave.
BILLBOARD, $13.00; Valencia and 18th Sts.; owner and builder, Foster & Kleiser Co., 1675 Eddy.
ALTER dwelling, $400; 119 Joyce; owner, E. D. Murphy, premises.
ALTER dwelling, $290; 1725 Ocean Ave.; owner, F. Ginliani, care contractor; contractor, J. Hink, 1459 Van Ness Ave. South.
ALTER flats, $130; 167 17th Ave.; owner, A. L. Blanquie, premises; contractor, J. A. Pereira, 1601 20th Ave.
ALTER hospital, $900; 3700 California St.; owner, Children's Hospital, premises; architect, Martin A. Sheldon, 681 Market St.; engineer, A V. Saph, Jr., Rialto Building.
ALTER dwelling, $240; 3850 Army; owner, E. D. Pahlka, premises; contractor, John Mader.
ALTER restaurant, $250; 1131 Polk; owner, Clark Estate, care contractor; contractor, Lambertson Sales Co., 942 Mission St.
SHED, 1-story frame, $50; 335 27th Ave. rear; owner, C. E. Marcum, premises.
BILLBOARD, $7; E 9th St. 80 S Mission; owner and builder, Foster & Kleiser Co., 1675 Eddy St.
FLUE, $67; 4120 3rd St.; owner, M. Kretz, 4120 3rd St.; contractor, Walker Bros., 271 Connecticut.
SIGN, electric, $300; 395 7th Street; owner, Chevrolet Motor Co., 395 7th St.; contractor, QRS Neon Corp., Ltd., 690 Potrero.
SIGN, electric, $200; 891 Mission St.; owner, M. Aronson, premises; contractor, QRS Neon Corp., Ltd. 690 Potrero.
SIGN, electric, $900; NE Cor. Geary and Presidio; owner, Associated Oil Co., premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.
ALTER apts., $250; 1661 Sacramento; owner, H. M. Payne, premises; contractor, Henry Erickson, 972 Chenery.
FLUE, $45; 199 Mississippi; owner, Frank Pino, premises; contractor, Walker Bros., 271 Connecticut Street.
SIGN, electric, $100; 395 7th Street; owner, Chevrolet Motor Co., 395 7th St.; contractor, QRS Neon Corp., Ltd., 690 Potrero.
ALTER dwelling, $50; 1676 Sanchez; owner, L. R. Parsons, premises.
SIGN, electric, $200; 374 Pine St.; owner, A. B. Cody, premises; contractor, QRS Neon Corp., Ltd. 690 Potrero.
SIGN, electric, $200; SW Pacific and Van Ness Ave.; owner, Mohawk Oil Co., premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.
ALTER restaurant, $950; 1707 Powell St.; owner, D. Delucchi, 566 Whitman Rd., Mountain View; contractor, John Newton, 2029 Kirkham St.
ALTER apts., $450, 199 Delmar; owner, Mrs. Regan, premises.
GARAGE, private, $300; NE 46th Avenue and Wawona; owner, C. L. Smith, care Architect; architect, Conrad T. Kett, 519 California.
TANK brace, $67; Oak and Van Ness; owner, Masonic Temple Assn. of Calif., Van Ness and Oak; contractor, Michel and Pfeffer Iron Works, Inc., 1415 Harrison.
GARAGE, private; NE 46th and Wawona; owner, C. L. Smith, care Architect; architect, Conrad T. Kett, 519 California.
ALTER dwelling, $873; 920 Madrid; owner, A. Nashneer, Prem.; contractor, Fred M. Kimball, 128 9th St.
SIGN, electric, $150; 1300 Post St.; owner, R. Woods, Prem.; contractor, Pac. Elec. Const. Corp., 5815 3rd St.
FLUE, $150; 1000 Pt. Lobos; owner, Adolph Sutro, Sutro Baths; contractor, John J. Delucchi, 1526 Powell.
ALTER flats, $500; 2218 Mason St.; owner, S. Balestrieri, Prem.
ALTER restaurant, $50; 616 20th St.; owner, Peter Clecak, 818 Fell St.
GARAGE, private, $400; 333 8th Ave., rear; owner, W. D. Brown, 5432 Geary Blvd.
SIGN, electric, $250; 2488 Sacramento; owner, Fred Peterson, 2490 California; contractor, Luminous Neon Sign Co.
ALTER dwelling, $400; 965 Union; owner, Mrs. Allen, Prem.; contractor, Sterling Concrete Co., 735 Baker St.
BARBER pole, $5; 25 Evelyn Way; owner, R. Rocco, Prem.; contractor, Unger Elec. Co., 49 Geary.
ALTER dwelling, $172; 486 Frederick St.; owner, Mrs. Marrs, Prem.; contractor, E. C. Peterson, 2357 Post St.
BARBER pole, $50; 46 3rd St.; owner, J. B. Brown, Prem.; contractor, Bertrand Elec. Co., 600 California.
SIGN, electric, $150; 151 Ellis; owner, Stevens and Doll, 151 Ellis; contractor, A. J. Raymond, Inc., 1066 Howard St.
FLUE, $56; 90 Montgomery; owner, Builders Exchange, 666 Mission.
GARAGE, private, $390; 84 Manor Dr.; owner, Mrs. Mier, Prem.; contractor, G. Serurson, 282 Oak St.
FLUES, $75; 1125 Taylor; owner, Mr. Kimball, 128 9th Ave.; contractor, John J. Delucchi, 1526 Powell.
ALTER store, $200; 502 Ellis St.; owner, Leon Leboire. 500 Ellis; contractor, S. F. Building & Cons. Co., 2212 Polk St.
GARAGE, private, $100; W. Bay Shore Blvd., 325 N Thornton; owner, E. Ferrando, 284 Sweeney.
ALTER dwelling, $200; 38 Monroe Ave.; owner, C. T. Hubner, Prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
APARTMENTS Cont. Price, $16,000
BURLINGAME, San Mateo Co., Cal. El Camino Real.
Two-story frame and stucco apartments (four 3-room apts.)
Owner—W. T. Seawell.
Architect — Chester Treichel, 636 Cleveland St., Oakland.
Contractor — A. T. Morris & Sons, 5400 Fulton St., San Francisco.

3— CHURCHES

Preparing Working Drawings
CHURCH Cost, $20,000
SALINAS, Monterey Co., Calif.
One-story frame church (chapel and auditorium), hot air heat; tile roof.
Owner—First Baptist Church.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Working drawings will be completed in about 10 days.

To Ask Bids Shortly
CHURCH Cost, $15,000
TURLOCK, Stanislaus Co., Calif.
One-story & basement frame church (chapel, social hall and kitchen).
Owner—Baptist Church.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Plans are being completed and bids will be asked in about one week.

4— FACTORIES & WAREHOUSES

Award Approved
SHEDS Cost, $267,672
SAN FRANCISCO. Piers 9 and 19.
Two reinforced concrete sheds and bulkhead buildings (110x820 ft. each), steel frame, reinforced concrete walls, etc.
Owner — State of California (Board of Harbor Commissioners).
Engineer — Frank G. White, Ferry Building.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
The PWA has approved award of the contract to Barrett & Hilp.

Contract Awarded
WAREHOUSE Cost, $8,000
SAN FRANCISCO, Calif. Hooper Street.
Two-story frame and corrugated iron warehouse; gravel roof, reinf. concrete foundations, steel sash.
Owner—Williams - Wallace Co., 160 Hooper St.
Architect—Chas. E. J. Rogers, Phelan Bldg.
Contractor—D. W. Ross, 1440 15th Ave.

Bids In—Under Advisement
WAREHOUSE Cost, $.....
PETALUMA, Sonoma Co., Calif.
One-story corrugated iron and wood frame warehouse building.
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Plans by Engineering Department of Owner; A. H. Markwart, Engineer.

To Be Done By Day's Work
ALTERATIONS Cost, $25,000
SAN FRANCISCO, Calif. Fifth and Berry Sts.
Alter freight house.
Owner—Southern Pacific Co., 65 Market St.
Plans by Engineering Department of Owner (J. H. Christie, Architect), 65 Market St.

To Be Done By Day's Work
WAREHOUSE Cost, $6,000
SAN FRANCISCO. Hunter's Point Dry Dock.
One-story Class C warehouse.
Owner and Builder—Bethlehem Shipbuilding Co. 20th and Illinois Sts.
Architect—Not Given.
Engineer—Thos. F. Boyle, % Bethlehem Steel Co., Alameda.

Contract Awarded
FACTORY Cont. Pr., $10,497
SAN FRANCISCO, Calif. East Van Ness Ave., S 12th St.
One-story reinforced concrete factory building.
Owner—Dennis O'Connor, 1107 Shrader Street.
Architect — G. A. Berger, 309 Valencia Street.
Contractor — Alfred E. Smith, 272 Turk St., San Francisco.

CONTRACT AWARDED
SANTA PAULA, Ventura Co., Cal. —Rainey & MacIsaac, 6624 Stanford Ave., Los Angeles, awarded general contract for erection of a packing plant at the west city limits of Santa Paula for Briggs Lemon Assn. Due to the fact that it is necessary to get the building under construction without delay, competitive bids were not taken. Roy C. Wilson, Santa Paula, architect.

5— FLATS

Sub Contracts Awarded
FLATS Cost, $27,000
SAN FRANCISCO. E. Hyde St., N Chestnut.
Two - story and basement frame and stucco flats (2 flats, 8 rms. and 2 baths each; pent house with social hall, bedroom and bath), flat roof, with tile deck in front; gas fired steam heating system; all colored tile baths, hardwood finish, marble sinks, etc.
Owner—Jos. Blumenfeld.
Architect—S. Heiman, 605 Market Street.
Wiring—Aetna Electric Co., 1435 Eddy St.
Marble & Tile—Eastman Marble Co., 209 Mississippi St.
Mill—William Watkins, 1908 Easton Drive, Burlingame.
Roofing—Powers Roofing Co., 1442 Alabama St.
Plastering—Gene Martinelli, 666 Mission St.
As previously reported:
Concrete, Grading and Foundations —J. J. Delucchi, 1526 Powell St.
Lumber—Loop Lumber Co., Central Basin.
Plumbing—J. Gibbs Sons, 1706 Geary.

To Be Done By Day's Work
FLATS Cost, $8,000
SAN FRANCISCO. S Beach W Buchanan St.
Two - story frame and stucco flat building.
Owner and Builder—V. Rasmussen, 1690 Beach Street.
Architect—Not Given.

To Be Done By Day's Work
ALTERATIONS Cost, $4,000
SAN FRANCISCO, Calif. 129 Scott Street.
Alter two-story frame residence into two flats (5 rooms, 1 bath each), tile baths, hot air furnace.
Owner—L. Delfino, 776 Haight St., San Francisco.
Architect—Otto Hintermann, 74 New Montgomery St., San Francisco.

6—GARAGES & SERVICE STATIONS

Planned
SERVICE STATION Cost, $.....
REDWOOD CITY, San Mateo Co., Calif. SW Main and Middlefield Road.
Gasoline service station.
Owner—Gilmore Oil Company.
Architect—Not Given.

Contract Awarded
AUTO SALES & GARAGE BLDG. Cost, $6,000
PATTERSON, Stanislaus Co., Cal.
One - story reinforced concrete and corrugated iron automobile and garage building.
Owner—Lyle Johnson.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—Knutson & Moe, 229 N. Third St., Patterson.

7— FEDERAL BUILDINGS

BIDS WANTED
MARE ISLAND, Calif.—Until November 18, 11 a.m., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for the construction of auxiliary power house; the re-roofing and rewiring of Barracks; installation of electric service including wiring for power and lights in buildings at U. S. Naval Direction Finder Station, Point Reyes, Calif.; Spec. No. 8310.
Plans and specifications may be obtained from above office and from the Commandant, Navy Yard, Mare Island, upon deposit of $5.00.

BIDS WANTED
HUNTINGTON PARK, Los Angeles Co., Calif.—Until Nov. 18, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for two new lobby desks in the U. S. P. O. at Huntington Park.
Not more than one set of plans may be obtained from the above office.

BIDS WANTED
MARE ISLAND, Calif.—Until December 16, 11 A. M., bids will be received by the Public Works Officer, Navy Yard, Mare Island, for construction of a dispensary building at Navy Yard, Mare Island, Spec. No. 8192. Work includes concrete construction; steel, iron and bronze work; roofing, asbestos shingles, and sheet metal work; metal studding, furring and lathing; plaster-

ing; marble and tile work; terrazzo; cork composition tile flooring; metal covered doors and frames and hollow metal frames; carpentry and joinery; hardware; plumbing; refrigerated drinking fountains; heating; and electrical work.

Plans and specifications may be obtained from the Commandant, Navy Yard, Mare Island, upon deposit of $25.

BLDG. MATERIALS APPROVED

UKIAH, Mendocino Co., Calif.—Treasury Department approved following material and equipment awards for the construction of U. S. Post Office at Ukiah, Robert McCarthy, 1363 14th Ave., San Francisco, general contractor.

Pendant switch, Arrow-Hart and Hegeman Elec. Co.; main switch, Trumbull Elec. Mfg. Co.; glassware, Inland Glass Co.

BIDS OPENED

BREMERTON, Wash.—Lombard & Ludwig, Washington, D. C., at $48, submitted low bid to Treas. Dept., Washington, D. C., for plaster models for the U. S. Post Office at Bremerton.

Other bids were:

Studio of Architectural Sculpture, Washington, D. C.—$53.

Washington Ornamental Co., Wash., D. C.—$61.

BIDS WANTED

WOODLAND, Yolo Co., Calif.—Until Nov. 18, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Woodland.

Plans and specifications may be obtained from the above office and

Bids Wanted — To Close November 10, 2 P. M., H.S.T.

RADIO BUILDING Cost, $.....
HICKAM FIELD, T. H.
Radio building, including utilities.
Owner—U. S. Government.

Plans prepared under the supervision of Captain H. B. Nurse, Constructing Quartermaster, Hickam Field.

Plans and specifications obtainable from the above office and on file at the office of the Constructing Quartermaster, Fort Mason, San Francisco.

LOW BIDDER

SAN MATEO, Santa Clara Co. ,Cal. —Public Buildings Contractors, The Bronx, New York, at $499.99, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for sidewalks, gutters etc., for the U. S. Post Office at San Mateo.

Second low bid submitted by Henry L. Grohne, Decatur, Ill., at $667.

Complete Bids

POST OFFICE Cost, $100,000
SUNNYSIDE, Washington.
U. S. post office building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Low Bidder—West Coast Const. Co., Lloyd Bldg., Seattle.

Complete bids follow:

West Coast Const. Co., Seattle $97,126
H. S. Wright & Co., Inc., Seattle 99,017
Harry Boyer Sons & Co. Olympia, Wash. 104,280
A. F. Mowat, Seattle 104,368
Western Const. Co., Seattle 106,640
T. T. McNeil, Mt. Vernon 106,660
Wm. M. Yeaman, Yakima 118,688
Schuler and McDonald, Oakland 119,747

Bids Opened

POST OFFICE Cost, $265,000
SALEM, Oregon.
One and two-story post office building (136x113 ft.) granite facing sandstone floors, marble wainscoting, metal windows, etc.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Complete bids follow:

Wickes Eng. & Const. Co. Des Moines, Ia. ..... Item (1) $240,000
..... (2) 233,750
..... (3) No bid
..... (4) 270,000
Dougan & Hammond Const. Co., Portland ..... (1) $243,000
..... (2) 223,000
..... (3) 223,000
..... (4) 256,200
Hoffman Const. Co., Portland ..... (1) $243,800
..... (2) 224,000
..... (3) 223,500
..... (4) 255,600
McDonald Const. Co., St. Louis, Mo. ..... (1) $253,662
..... (2) 247,800
..... (3) 249,700
..... (4) 283,600
Drake, Wyman & Voss, Inc., Portland ..... (1) $249,500
..... (2) 228,900
..... (3) 229,000
..... (4) 261,000
Standard Const. Co., Tacoma ..... (1) $257,922
..... (2) 239,300
..... (3) 237,565
..... (4) 268,922
Harry Boyer Sons & Co., Olympia, Wash. ..... (1) $261,525
..... (2) 261,525
..... (3) 262,625
..... (4) No bid
O. R. Wayman, Portland ..... (1) $262,900
..... (2) 240,597
..... (3) 244,800
..... (4) 274,500
R. F. Campbell, L. A. ..... (1) $266,000
..... (2) 255,400
..... (3) 255,000
..... (4) 285,000
Schuler & McDonald, Inc. Oakland ..... (1) $267,773
..... (2) 257,773
..... (3) 271,373
..... (4) 291,773
Consolidated Engr. Co., Ltd. Tacoma ..... (2) $268,889
..... (2) 251,595
..... (3) 250,744
..... (4) 270,663

AWARD RECOMMENDED

ALCATRAZ ISLAND, Cal. — Scott Co., Inc., 243 Minna St., San Francisco, at $474 (Item 2) submitted low bid and recommended for award of contract by the Bureau of Prisons, Alcatraz Penitentiary, under Bid No. 808, for repairing 8-inch fresh water pipe line on roof of Building 68, U. S. Penitentiary, Alcatraz Island. Alternate bids will be received for replacing the existing 8-in. with 6-inch fresh water pipe line.

The work involves:

(1). Remove at two places on the present operated 8-in. fresh water pipe line leading from and including an 8-inch valve near junction on roof of Building 68, to a coupling at end of bend (approximately 13 feet) and from another coupling eastward the length of two bends (approximately 29 feet) to coupling, and build at same location a new 8-inch pipe line of standard genuine wrought iron galvanized pipe.

(2). Alternate: Remove the present operated 8-inch fresh water pipe line leading from and including an 8-inch valve at junction "Y" on roof of Building 68, to a point where it joins the "Y" bend entering the concrete storage tanks above roof (approximately 102 feet of pipe) and build at same location a new 6-in. pipe lin of standard genuine wrought iron galvanized pipe with suitable 8- to 6-inch reducer fitting.

Complete bids follow:

Scott Co., San Francisco: (1) $411; (2) $474.

Frederick W. Snook, San Francisco: (1) $354; (2) $503.

Herman Lawson Co., San Francisco: (1) $482; (2) $592.

BIDS OPENED

SACRAMENTO, Cal.—Hastings & Wilson, Yuba City, at $950 submitted low bid to the U. S. Engineer Office, Sacramento, Lieut. Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-89, for painting interior and exterior surfaces of Sutter By-Pass Pumping Plants Nos. 1 and 2.

Complete bids follow:

Hastings & Wilson, Yuba City ..... $ 950
A. Vingilio, Sacramento 990
A. W. Simmonds, Sacramento ..... 1,300 discount, 2%, 10 days.
A. Lund, Sacramento 1,695

LOW BIDDERS

PEARL HARBOR, T. H.—Southern Equipment Co., St. Louis, Mo., at $59,314 submitted low bid to the Bureau of Yards & Docks, Navy Department, Washington, D. C., for furnishing and installing kitchen equipment at the Naval Fleet Air Base, Pearl Harbor, T. H.

Work includes ranges, fry kettles, steamers, steam kettles, coffee urns, mixing machines, tables, cabinets, proof boxes, ovens, dough divider, troughs, bread slicer, mixing machines, flour handling equipment, dough mixer, racks, slicing and peeling macines, chopper, meat bone and fish cutting machine, dishwashing machines, waffle irons, hot plates refrigerators, shelves, combination counters and steam tables, pipe railing, hoods, fans and connections to existing service lines; Spec. No. 8220.

Three low bidders follow:

Southern Equipment Co., St. Louis, Mo. $59,314
S. Blickman, Weehawken New Jersey 59,970
Dohrmann Hotel Supply Co., San Francisco 62,000

LOW BIDDER

HOOD RIVER, Ore., P. O.—Newman Bros., McMinnville, Ore., at $386, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc., in the U. S. Post Office at Hood River. Only other bid submitted by Henry L. Grohne, Decatur, Ill., at $692.

CONTRACT AWARDED

PEARL HARBOR, T. H.—Albert E. Coxhead, P.O. Box 2882, Honolulu, T.H., at $3,625, awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8355 for painting steel tank, Fleet Air Base, Pearl Harbor.

Bids Opened

POST OFFICE & COURTHOUSE Cost, $185,000
SITKA, Alaska.
U. S. Post Office & Courthouse.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Low Bidder—J. B. Warrack, 1331 3rd Ave. Bldg., Seattle, Wash.—$154,888.

Complete bids follow:

J. B. Warrack, Seattle, Washington $154,888
MacDonald Construction Co., St. Louis, Mo. 161,714
A. S. Hansen, Seattle, Washington 177,412

LOW BIDDER

KINGMAN, Arizona. — City Wide Lawn Service Co., Inglewood, Calif., at $290, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. post office at Kingman.

Bids held under advisement

CONTRACT AWARDED

PHOENIX, Arizona.—Standard Electric Time Co., 89 Logan St., Springfield, Mass., at $1,575, awarded contract for furnishing and installing clock system in the U. S. Post Office at Phoenix.

9— HOSPITALS

Funds Asked

ADDITION Cost, $35,000
AUBURN, Placer Co., Calif.
One-story reinforced concrete ward addition to county hospital (80-bed ward), composition roofing, steel sash, steam heating system.
Owner—County of Placer.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Application has been filed with the PWA for a grant of 45% of the cost.

Contract Awarded

HOSPITAL Cont. Price, $16,887
COALINGA, Fresno Co., Calif.
One-story and basement hollow tile fireproof hospital (15 to 18 beds) composition roof, linoleum floor covering, etc.
Owner—Pleasant Valley Hospital Association.
Architect—W. D. Coates, Rowell Bldg., Fresno.
Contractor — Harris Const. Co., 557 McKinley Ave., Fresno.
Complete bids follow:

Harris Const. Co., Fresno	$16,887
Midstate Const. Co., Fresno	17,220
T. C. & W. H. Irwin, Fresno	17,257
F. L. Good, Coalinga	17,489
Brown Const. Co., Madera	17,970
R. P. Moore, Fresno	19,420

November 4, 1936

Contract Awarded

HOSPITAL Cost, $30,000
LIVERMORE, Alameda Co., Calif East First St.
One-story brick and concrete hospital building; five wards and three private rooms; composition floors; air-cooled and air heated; X-ray equipment.
Owner—Dr. L. J. Guibbini
Architect—Not Given.
Contractor—John Lannin, 1393 Sierra Ave., San Jose.

Preparing Preliminary Plans

HOSPITAL Cost, $200,000
GRASS VALLEY, Nevada Co., Cal.
Two - story reinforced concrete and steel hospital bldg. (steel floors, reinforced concrete walls, metal lath and plaster partitions, oil-fired steam heat, air conditioning.
Owner—Grass Valley Memorial Hospital Assn., % Dr. Carl P. Jones, Grass Valley.
Architect—Walter C. Clifford, 310 Locust St., San Francisco.
A site has been purchased about one mile north of Grass Valley on the Nevada City road. Directors of the hospital association include Dr. Carl P. Jones, Grass Valley; Errol McBoyne, general manager of Idaho-Maryland Mines Corp., and Judge Edgar T. Zook, San Francisco.

Bids Wanted — To Close Nov. 20

HOSPITAL Cost, $32,000
MERCED CO., Calif. Near Gustine.
Two - story frame, tile and concrete hospital building (22 beds), corrugated iron or asbestos roofing, warm air heating system, air-conditioning system, etc.
Owner—West Side Hospital.
Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.
Ray Kruger, Gustine, is taking segregated bids on all of the work except the heating and ventilating, which are being taken at the Architect's office, in either Oakland or Modesto. Plumbing and electric bids are being taken only at the Architect's Modesto office.

Bids Opened

NURSES' HOME Cost, $.....
YOUNTVILLE, Napa Co., Calif. Veterans' Home.
Two-story reinforced concrete nurses' home (30 rooms), tile roof.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.
Low Bidder—George J. Maurer, 50 York Drive, Piedmont.
Complete bids follow:

General Work

George J. Maurer, Piedmont	$61,479
Fred J. Early, San Francisco	68,373

Plumbing

M. R. Carpenter, 907 Front St., Sacramento	$ 6,002
Frederick W. Snook, S. F.	6,449
Scott Co., San Francisco	6,767
J. J. McDermott, Sacramento	7,257
J. A. Fazio, Oakland	7,315

Heating & Ventilating

M. R. Carpenter, 907 Front St., Sacramento	4,005
Pacific Heating & Ventilating Co., Oakland	4,185
Scott Co., San Francisco	4,196
Frederick W. Snook, S. F.	4,323
Knittle Bros., S. F.	4,488
J. J. McDermott, Sacramento	5,155

Electrical

American Electric Constr. Co., 462 Bryant St., S. F.	2,615
Spencer Electric Co., Oakland	3,093
Central Electric Co., S. F.	3,320

The low bid of Norman A. Russell, Santa Rosa, at $2,258 on the electrical work was accompanied by an insufficient check and declared irregular.

10— HOTELS

COMPLETING WORKING DRAWINGS

LAS VEGAS, Nevada.—Architects Wilson, Merrill & Alexander, 549 Petroleum Securities Bldg., Los Angeles, are completing working drawings for first unit of group of reinf. concrete hotel buildings to be built on a 50-acre tract located near Boulder Dam highway, four miles from Las Vegas, for Boulder Dam Hotel Corp.; El Sonador Hotel. Cost of first unit, $75,000. Cost of entire project, $2,500,000.

Contract Awarded

ALTERATIONS Cost, $.....
MARYSVILLE, Yuba Co., Calif.
Alterations and additions to Western Hotel (complete exterior painting, carpentry, plumbing, sheet metal, tile work, etc.).
Owner—Capital Company, 625 Market St., San Francisco.
Lessee—Hamilton System (Louis M Rossi, Mgr., Western Hotel).
Plans by Construction Department of Owner.
Contractor—Thomas F. Scollan Co., 2919 T St., Sacramento.

Contract Awarded

TOURIST CAMP Cost, $9,500
SAN MATEO, Bayshore and Mount Diablo Ave.
Two-unit stucco and rustic tourist camp; garages.
Owner—Albert B. Cobb.
Architect—Not Given.
Contractor—Peninsula Builders, 1150 Burlingame Ave., Burlingame.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BONDS VOTED

GILROY, Santa Clara Co., Calif.—A bond issue of $31,000, proceeds to assist in financing construction of a community auditorium and national guard armory, was approved by voters at a special election Oct. 27.

Application will be filed with the WPA for approximately $69,000 to complete financing of the $100,000 building.

Preliminary plans prepared by Architects Binder & Curtis, 35 West San Carlos St., San Jose. 13

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Following bids received by the Alameda County Board of Supervisors, Hall of Records, for furnishing and installing auditorium type chairs in certain rooms of the County Court House and Hall of Records, 12th and Fallon Sts.

Jackson Furniture Co., 14th and Clay	$3,637.76
Rucker-Fuller Co., 1922 Franklin St.	4,514.72
Union Furniture Co., 13th and Washington Sts.	4,636.00
John Breuner Co., 21st & Broadway *	4,859.25

*Sales tax included.

SAN FRANCISCO.—P. Grassi Co., 445 Bayshore Blvd., at $255, awarded contract by Department of Public Works, City Hall, under Bid No. 4918, for installing terrazzo floor in laboratory of Coroner's office.

BIDS OPENED

OAKLAND, Calif.—Following bids received by Alameda County Board of Supervisors, Hall of Records, for furnishing and laying carpets on certain floor surfaces in the Alameda County Court House and Hall of Records, 12th and Fallon Streets.: Max Belling Furniture Co., 537 14th St., Oakland, $8,027.65, tax not included; John Breuner Co., 21st and Broadway, Oakland, $9,044.86, tax included.

Architect Appointed

CITY HALL & JAIL Cost, $.....
DALY CITY, San Mateo Co., Calif.
New city hall and fireproof jail or remodeling of the existing city hall.
Owner—City of Daly City.
Architect—Will Toepke, 537 Call Bldg., San Francisco.
The city plans to call a bond election and apply to the PWA for a 45% grant.

Low Bidder

FIREHOUSE Cost, $3,000
MILLBRAE, San Mateo Co., Calif.
One-story frame and stucco firehouse (lounge room, kitchen, shower room).
Owner—Millbrae Fire Protection District.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Low Bidder—Moody J. Henry, 132 Bancroft Road, Burlingame.
Announcement will be made within a few days.

Bonds Defeated

HALL OF RECORDS Cost, $150,000
MODESTO, Stanislaus Co., Calif.
Hall of Records.
Owner—County of Stanislaus.
Architect—G. N. Hilburn, 1213 I St., Modesto.
The $150,000 bond issue was defeated at the election November 3.

14— RESIDENCES

Contract Awarded
REIDENCE Cost, $11,000
PALO ALTO, Santa Clara Co., Calif. 2295 Waverley St.
Two-story frame and stucco residence; garage.
Owner—E. T. Wohlenberg, 739 Waverley St., Palo Alto.
Architect—Not Given.
Contractor—Stedman & Stedman, 1818 Bryant St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $6,991
ROSS, Marin Co., Calif. Del Mesa.
One-story frame and stucco residence.
Owner—A. W. Leckie, Kentfield.
Architect—Albert Farr & J. Francis Ward, 68 Post St., San Francisco.
Contractor—William Martin, 666 Mission St., San Francisco.

CONTRACT AWARDED
SAN JOAQUIN CO., Calif. — John Hachman, P. O. Box 206, Stockton, at $1,980 awarded contract by San Joaquin County Board of Supervisors for the construction of a ferry tender's house at the Rindge Ferry, on Bishop Tract site on King's Island Road, about ten miles northwest of Stockton.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 each
SAN FRANCISCO. 24th Avenue and Ocean Avenue.
Two two - story and basement frame and stucco residences.
Owner and Builder—R. F. Galli, 377 West Portal Ave.
Architect—E. H. Denke, 1317 Hyde.

Contract Awarded
RESIDENCE Cost, $8,000
PIEDMONT, Alameda Co., Calif. 112 Latham St.
One-story frame and stucco residence (5 rooms); garage.
Owner—S. Arnold, 232 Monte Vista Ave., Piedmont.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Contract Awarded
RESIDENCE Cost, $16,500
SAN FRANCISCO, Calif. E. San Andreas, S. San Anselmo Ave.
Two-story and basement frame and stucco residence.
Owner—John Whedon, 21 Yerba Buena Ave., San Francisco.
Architect—William W. Wurster, 260 California St., San Francisco.
Contractor — H. Papenhausen, 595 Victoria St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 450 Vermont Ave.
Two-story frame and stucco residence (6 rooms); garage.
Owner & Builder—Milton S. Bonds, 583 Spruce St., Oakland.

Plans Being Completed
DUPLEX RESIDENCE Cost, $8,500
VALLEJO, Solano Co., Calif.
Two-story frame and stucco residence (5 rooms, 2 baths); hot air heating system; hardwood floors; tile baths, etc.
Owner—Withheld.
Architect—G. E. Ellinger, 1801 Casterline Road, Oakland.

Contract Awarded
RESIDENCE Cont. Pr., $11,949
ATHERTON, San Mateo Co., Calif.
Two - story frame residence, Colonial style, shingle roof, forced warm air heating system, wood sash, hardwood floors, tile wainscot in baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Lengfeld & Olund, 220 3rd Ave., San Mateo.
Contract price does not include $410 worth of road work.

Bids Rejected
RESIDENCE Cost, $.....
SAN FRANCISCO. Thirty-first Ave. and Cabrillo Street.
Two - story and basement frame and stucco residence (11 rooms and 3 baths), banquet room, library, bedroom and bath in basement).
Owner—Mrs. Katherine Kane.
Architect—Vincent Rainey, 233 Post.
Announcement will be made within a few days.

Plans Being Prepared
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. El Monte, near Outlook Ave.
One-story frame and stucco residence (5 rooms, 1 bath), asbestos siding, asbestos shingle roof, mezzanite prest wood floors, tile bath, hot air heating system.
Owner—Withheld.
Architect—G. E. Ellinger, 1801 Casterline Road, Oakland.

Contract Awarded
RESIDENCE Cost, $——
PIEDMONT, Alameda County, Calif. Scenic Avenue.
Two - story and basement frame and stucco and brick residence (eight rooms, 3 baths) shake roof, gas heating system, steel sash, oak floors, hardwood floors, tile baths
Owner—Lawrence Lewis.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Being Done By Day's Work
RESIDENCES Cost, $25,000
BAYWOOD, San Mateo Co., Calif. Dartmouth Road.
Two units of four attached cottages, each unit to have two 2-story cottages of five rooms and bath, and two 1-story cottages of 3-rooms and bath; wood frame, cement plaster exteriors, wood shingle roofs, tile floors, and wainscoting in baths, 8 garages.
Owner and Builder—J. E. Bethune, 1170 Vancouver Avenue, Burlingame.
Architect — Arthur Brown, Jr., 251 Kearny St., San Francisco.

Plans Being Figured
RESIDENCE Cost, $5,000
MARTINEZ, Contra Costa Co., Cal.
One - story frame residence (rustic exterior, gas furnace, shingle roof.
Owner—G. C. Ralls.
Architect — James H. Anderson, 3147 Claremont Ave., Berkeley.
James F. Croll, 1280 Escobar St., Martinez, is the only contractor figuring plans.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
SAN FRANCISCO. NW Funston Ave. and Ulloa St.
Two - story and basement frame and stucco residence.
Owner and Builder—A. T. Morris & Sons, 5400 Fulton Street.
Architect—Not Given

Contract Awarded
RESIDENCE Cost, $15,000
HOLLYWOOD. Los Angeles Co., Cal.
Two-story frame residence (9 rooms, 4 baths) wood sash, gas furnaces hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Fred H. Reimers, 233 Post St., San Francisco.
Contractor—Whetstine & Son, 1527 E Orange Grove Ave., Pasadena.

To Be Done By Day's Work
RESIDENCES Cost, $6,000 to $8,000
SAN FRANCISCO. Pinelake Park.
Six one-story frame and stucco residences (5 and 6 rooms) tile and slate roofs; combined steel and wood sash, hardwood floors, tile baths, garages.
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.
Architect—A. H. Larsen, 333 Kearny.

Sub Contracts Awarded
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Cal. 1527 Grove St.
One-story and basement frame and stucco duplex residence.
Owner—Sybil E. Stewart, 2138 Center St., Berkeley
Architect—Not Given.
Contractor—N. K. Jensen, 3323 Arkansas St., Oakland.
Roofing—Sankey Roofing Co., 828 31st St., Oakland.
Plumbing — Suendermann Plumbing Co., 921 University Ave., Berkeley.
Electric Wiring—Kerr & Clifford, 3525 E. 14th St., Oakland.
Heating & Sheet Metal—MacNally Sheet Metal Works, 3824 Hopkins St., Oakland.
Brick & Stone Work—J. Knudsen, 3417 High St., Oakland.
Lumber—Piedmont Lumber Co., 351 40th St., Piedmont.
Foundations & Concrete—Enson H Buel, 5340 Grove St., Oakland.
Lathing & Plastering—J. Alessandro, 1151 Page St., Berkeley.

Contract Awarded
RESIDENCE Cost, $7,500
SAN MATEO, Calif. Lot 9, Blk. 14, Castillian Way.
Two-story frame and stucco residence.
Owner—James Sparks.
Architect—Not Given.
Contractor—Roy Allen, 103 Castillian Way, San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
SAN MATEO, Calif. Lot 7, Blk. 17, 327 Castillian Way.
One-story frame and stucco residence.
Owner & Builder—G. W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Not Given.

Bids In — Under Advisement
RESIDENCE Cost, $16,000
SAN JOSE, Santa Clara Co., Calif. Capman and Emory Sts.
One-story frame and stucco residence (9 rooms, 3 baths), tile roof, detached garage, gas furnace, hardwood floors, tile baths, etc
Owner—Alfred Lanini.
Architect—Binder & Curtis, 25 West San Carlos St., San Jose
Announcement will be made shortly.

Contract Awarded
RESIDENCE Cost, $.....
BERKELEY, Alameda Co., Calif. N. Cragmont.
One-story and basement frame and stucco residence (5 rooms, bath and separate lavatory), tile bath, shingle roof, gas heating system, hardwood floors, wood sash.
Owner—Fred Burness.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Contractor — Edward M. Sorensen, 1907 Parket St., Berkeley.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
PIEDMONT, Alameda Co., Calif. Scarborough Drive.
Two-story frame and stucco and basement residence (6 rooms, 2

baths), central gas furnace, wood sash, hardwood floors, tile baths, 2-car garage.
Owner & Builder — Whitehouse & Tuttle, 558 Vernon St., Oakland.
Architect—Not Given.

Sub Bids Being Taken
RESIDENCE Cost, $5,000
HAYWARD, Alameda Co., Calif. Sunset Blvd., bet. Royal & Hesperian Blvd.
One-story frame and rustic residence (6 rooms and bath), shingle roof, hardwood floors, central gas furnace, detached garage.
Architect—Not Given.
Contractor—Eric Hoyer, 737 Smalley Ave., Hayward.

Contract Awarded
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Calif. Selborne Drive.
Two-story frame and stucco residence (9 rooms, 3 baths); central gas furnace with blower, wood sash, plaster walls and ceilings, hardwood floors, tile baths, 2-car garage.
Owner—J. M. Bristline.
Architect—Not Given.
Contractor—A. F. Andrews, Chabot Road, Oakland.

Contract Awarded
RESIDENCE Cont. Pr., $9,750
SAN FRANCISCO. Castenada Ave. (Lot 16, Block 2862.)
Two - story frame and stucco residence (7 rooms, 2 baths), composition roofing, gas heating system, wood sash, tiled baths, hardwood floors, etc.
Owner—P. R. Upland.
Architect—Harold Stoner, 41 Sutter Street.
Contractor—C. Lindberg, 11 Naylor St., San Francisco.

Low Bidder
RESIDENCE Cost, $18,000
HILLSBOROUGH KNOLLS, San Mateo Co., Calif.
Two-story frame and stucco residence (9 rooms and 3 baths), asbestos shingle roof; forced air gas fired hot air system; wood paneling and canvas interior finish; double detached garage.
Owner—H. W. S. Hayes.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Low Bidder—Carl Bassett, 826 Walnut Ave., Burlingame
Bids held under advisement.

Plans Being Revised
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. Stanford University Campus.
Two - story frame and stucco residence (7 rooms and 2 baths), shingle roof, gas heating system, garage.
Owner—Raymon Dyler, Palo Alto.
Architect—C. K. Sumner, Deckeroak Bldg., Palo Alto.
Revised plans to be figured by selected list of contractors.

Plans Being Figured — Bids Close Nov. 10, 2 P. M.
RESIDENCE Cost, $.....
HILLSBOROUGH. San Mateo Co., Calif.
Two-story frame and stucco residence (9 rooms, 3 baths); tile roof, hardwood floors, tile baths; detached 2-car garage.
Owner—Damon Wack.
Architect—Angus McSweeney, 604 Mission St., San Francisco.
Following are figuring plans:
A. F. Mattock, 212 Clara St., San Francisco.
G. W. Williams, 315 Primrose Road, Burlingame.
Richard P. Minor, 1444 Burlingame Ave., Burlingame.
J. B. Oswald, 1150 Industrial Avenue, Burlingame.

Contract Awarded
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Cal. 990 Creston Road.
Two-story frame and stucco residence (6 rooms); garage.
Owner—R. C. Vollman, 1635 Spruce St., Berkeley.
Architect—Not Given.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.

To Be Done By Day's Work
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Calif. 2985 Dwight Way.
Two-story frame and stucco residence (12 rooms); garage.
Owner & Builder—Mrs. H. R. Stolz, 2317 Prospect Ave., Berkeley.
Architect — H. Goodpastor, Mitan Bldg., 8th and J Sts., Sacramento.

Low Bidder.
RESIDENCE Cost, $12,000
SAN FRANCISCO, St.Francis Wood
Two-story and basement frame and stucco residence (8 rooms and 2 baths) shingle and tile roof, gas heating system, steel sash, tiled baths, hardwood floors, etc.
Owner—Hugo Bedau.
Architect—Fred Reimers, 233 Post Street
Low Bidder—Fred DuPuy, 110 Sutter St., San Francisco.
Complete bids will be announced shortly.

Contract Awarded
FLATS Cost, $8,500
SAN FRANCISCO, Calif. E. Fillmore, N Beach St.
Two-story frame and stucco flat building.
Owner—J. W. and M. F. Bartlett, 1476 26th Ave., San Francisco.
Architect—Richard R. Irvine, 3431 Market St., San Francisco.
Contractor — Thomas Quistad, 1601 Beach St., San Francisco.

To Be Done By Day's Work
RESIDENCES Cost, $60,000
CHICO, Butte Co., East Sacramento Ave., bet. Laburnum and Spruce Streets.
Group of ten single-family dwellings to cost about $6,000 each; gas heating, air conditioning, wired for electric ranges; fireplaces.
Owner—O. E. Tracy and F. M. Nau, Chico.
Architect—Not Given.
Work will be done under supervision of owners. Thomas Lisota, formerly with Campbell Construction Company, has been engaged as manager of construction.

Preparing Plans
DUPLEX RESIDENCE Cost, $10,000
SAN FRANCISCO, Calif. Jones St., near Union St.
Two and one-half story duplex residence; one apt. of 2 rooms and bath and one apt. of 4 rooms and bath; flat comp. roof, wood and metal sash, hardwood floors, tile baths, oil burning furnace; garages.
Owner—Withheld.
Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.

Preparing Working Drawings
RESIDENCE Cost, $8,000
MILLBRAE, San Mateo Co., Calif.
One - story frame and stucco residence (six rooms) shake roof, hardwood floors, tile bath, garage.
Owner—Not Given.
Architect—A. H. Larsen, 333 Kearny St., San Francisco.

Contract Awarded
RESIDENCE Cost, $8,500
SAN FRANCISCO. Green Street bet. Baker and Lyon Streets.
Two-story frame residence (8 rooms and 3 baths) cement and plaster, shingle tile roof, plaster walls and ceilings, hardwood floors, tile baths, etc.
Owner—Dr. and Mrs. Frank M. Rise, 2475 Vallejo Street.
Architect—Gardner Dailey, 210 Post.
Contractor—M. A. Little Co., 107 24th Avenue.

Contract Awarded
RESIDENCE Cont. Pr., $16,650
SAN JOSE, Santa Clara Co., Calif. Capman and Emory Sts.
One-story frame and stucco residence (9 rooms, 3 baths), tile roof, detached garage, gas furnace, hardwood floors, tile baths, etc.
Owner—Alfred Lanini.
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.
Contractor — Guy M. Latta, 157 Rhodes Court, San Jose.

Contract Awarded
RESIDENCE Cost, $11,500
BURLINGAME HILLS, San Mateo County, Calif.
Two - story frame and stucco residence.
Owner—W. H. Wakeman.
Architect—Not Given.
Contractor—P. J. Morahan, 2509 Adeline Drive, Burlingame.

Planned
RESIDENCES Cost, $8000-$10,000 ea.
ALAMEDA, Alameda County, Calif. Hawthorne Tract (San Antonio, Hawthorn & Caroline Sts.).
Group of twenty residences
Owner—Capt. Walter J. Seaborn, 1417 San Antonio, Alameda.
Architect—Mark Daniels, 101 Post St., San Francisco.
Plans for laying out the property, including a plaza, esplanade, electric fountain, seawall, etc., are now being prepared by the architect. Plans will be started for the first unit of two residences within the next week or so.

Contract Awarded
RESIDENCE Cost, $20,675
HILLSBOROUGH, San Mateo Co., Calif.
Two-story frame and stucco residence; garage.
Owner—Dickson G. Belleh, San Mateo.
Architect—Wallace A. Stephen, 2025 Carmelita Blvd., Burlingame.
Contractor—Suburban Builders, Inc., 1182 Market St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. 85 St. Elmo Way
Alter interior and exterior of residence.
Owner—Mrs. J. A. Quealy, 85 St. Elmo Way.
Architect—Walter C. Clifford, 310 Locust Street.
Contractor — Arthur Stahl, Monadnock Building.

Plans Completed
RESIDENCE Cost, $——
PALO ALTO, Santa Clara Co., Calif. Hamilton Avenue.
Two - story frame and stucco residence (6 rooms, 3 baths) hardwood floors, tile baths, double detached garage, shingle roof.
Owner—H. L. Kertz.
Architect—Hertzka and Knowles, 369 Pine St., San Francisco.
Bids will be asked within 1 week.

Contract Awarded
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Cal. 1082 Miller Street.

Two-story frame and stucco residence (six rooms).
Owner—Mrs. Newton, Berkeley Women's City Club.
Architect—F. L. Confer, 3147 Claremont Ave., Berkeley.
Contractor—R. G. Parks, 2104 Addison St., Berkeley.

Bids In—Held Under Advisement
RESIDENCE Cost, $.....
SAN FRANCISCO, Calif. St. Francis Wood, San Pablo Way.
Two-story frame and stucco residence (6 rooms, 3 baths), Redwood siding, plaster walls and ceilings, wood sash, gas hot air heating system, semi-detached double garage.
Owner—Lloyd L. Thomas.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

Contract Awarded
DUPLEX RESIDENCE $9,801
SOUTH SAN FRANCISCO, San Mateo Co., Calif. High School Park Addition, Lot 4, Blk. 2.
One-story and basement frame and stucco duplex residence.
Owner—A. J. Pacheco et al, 424 Lux Ave., South San Francisco.
Architect—Not Given.
Contractor—A. Pianca, 629 Pine Terrace, So. San Francisco.

Plans Being Prepared
RESIDENCE Cost, $20,000
ROSS, Marin Co., Calif. Del Mesa Tract.
Two-story and basement frame and stucco residence (3 baths), tile roof, steel sash, hardwood floors, tile baths, oil heat.
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Bids will be asked in about thirty days.

Plans Completed — To Ask Bids Within One Week
RESIDENCES Cost, $.....
MENLO PARK, San Mateo Co., Calif.
Two one-story frame and stucco residences (6 rooms, 2 baths ea.), wood shingle roof, hardwood flrs., tile baths, etc.
Owner—N. T. Nowell.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

Contract Awarded
RESIDENCE Cost, $10,500
SAN FRANCISCO. NW Landsdale and Casitas.
Two-story and basement frame and stucco residence (8 rooms).
Owner—P. A. Taylor, care Architect.
Architect—M. J. Rist, Phelan Bldg., San Francisco.
Contractor—J. Hannah, 268 Market St., San Francisco.

15— SCHOOLS

Bids Opened
SCHOOL Cost, $360,000
PALO ALTO, Santa Clara Co., Calif. Middlefield Road and California Avenue.
Two-story reinforced concrete David Starr Jordan Junior High School to accommodate 1,000; administration office, 27 classrooms, boys and girls gymnasium, auditorium to seat 1000; cafeteria to accommodate 600 and library.
Owner—Palo Alto School District.
Architect—Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Low Bidder—Carl N. Swenson, 355 Stockton Ave., San Jose, $323,700.
Bids on the general contract were taken as follows:
(1) Work complete;
(2) Deduct for omitting cooking & sewing rooms;
(3) Deduct for omitting Shop H-1;
(4) Deduct for omitting the folding doors in main gymnasium;
(5) Deduct for omitting Room E-16 of main gymnasium;
(6) Add for installing radio and loud speaking equipment;
(7) Add for installing all lighting fixtures;
(8) Deduct for extending completion date to Dec. 15, 1937;
(9) Deduct if gas burners are substituted for oil burners;
(10) Add or deduct for foundation work, per cubic foot.
Complete bids on the general contract follow:

(A) Carl N. Swenson, San Jose	(1)	$323,700
	(2)	8,541
	(3)	4,793
	(4)	2,976
	(5)	16,933
	(6)	1,953
	(7)	5,125
	(8)	1,200
	(9)	1,150
	(10)	.82
(B) C. L. Wold Const. Co., San Francisco	(1)	$329,670
	(2)	8,368
	(3)	4,864
	(4)	2,880
	(5)	14,634
	(6)	1,600
	(7)	4,900
	(8)	2,000
	(9)	831
	(10)	.80
(C) Anderson & Ringrose, San Francisco	(1)	$335,000
	(2)	6,800
	(3)	5,700
	(4)	2,500
	(5)	12,900
	(6)	1,750
	(7)	5,400
	(8)	No ded.
	(9)	950
	(10)	.75
(D) G. W. Williams Co., Burlingame	(1)	$336,984
	(2)	7,450
	(3)	4,595
	(4)	2,800
	(5)	15,150
	(6)	1,800
	(7)	4,275
	(8)	1,000
	(9)	960
	(10)	.60
(E) K. E. Parker, S. F.	(1)	$344,690
	(2)	6,500
	(3)	4,400
	(4)	2,200
	(5)	7,200
	(6)	1,590
	(7)	4,900
	(8)	1,000
	(9)	839
	(10)	.75
(F) Monson Bros., S. F.	(1)	$346,236
	(2)	7,000
	(3)	4,000
	(4)	2,900
	(5)	13,500
	(6)	1,950
	(7)	5,000
	(8)	2,300
	(9)	800
	(10)	1.00
(G) A. Nelson, Inc., S. F.	(1)	$358,875
	(2)	7,525
	(3)	6,000
	(4)	3,000
	(5)	21,000
	(6)	1,650
	(7)	5,800
	(8)	No ded.
	(9)	900
	(10)	.90

Bids were referred to the architect for recommendation.

BOND ELECTION CANCELLED
ANDERSON, Shasta Co., Calif.—Anderson Grammar School District cancelled bond election scheduled to take place October 30 on a proposal to issue bonds in the amount of $60,000, proceeds to have financed construction of a one-story grammar school bldg. (8 classrooms and auditorium to seat 500).
Preliminary plans prepared by Architects W. J. & Harold Weeks, 593 Market St., San Francisco.

Funds Granted
AUDITORIUM & THEATRE BLDG. Cost, $325,000
BAKERSFIELD, Kern Co., Calif.
Auditorium and theatre building at High School.
Owner—Kern County Union High School District.
Architect—Not Given.
A grant of $145,800 has been approved by the PWA.

Plans Being Prepared
ELEMENTARY SCHOOL $170,000
WATSONVILLE, Santa Cruz Co., Calif.
One-story frame and steel elementary school building (13 classrooms, administrative office, auditorium to seat 500, stage, manual training shops, gymnasium, band room, etc.), tile and composition roofing, maple floors, natural gas individual unit heaters.
Owner—Watsonville City School District (T. S. MacQuiddy, Supt. of City Schools).
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
A grant of $71,290 has been approved by the PWA.
Plans will be completed in about one week and forwarded to the State Division of Architecture, Sacramento, for approval.

Preliminary Plans Completed
SCHOOL Cost, $76,363
IRVINGTON, Alameda Co., Calif.
One-story frame school building (7 classrooms, comb. auditorium & gymnasium; library, teachers' room).
Owner—Irvington School District.
Architect—G. E. Ellinger, 1801 Casterline Road, Oakland.
A special election will be held in Irvington School District No. 20 on a bond issue of $42,000.
Application to be made for a PWA grant of $34,363.

Preliminary Plans Completed
SCHOOL Cost, $18,100
MERCED CO., located near Los Banos.
One-story frame school building (1 classroom, combined auditorium classroom, library, manual training shop).
Owner—Charleston School District.
Architect—G. E. Ellinger, 1801 Casterline Road, Oakland.
Application has been made to PWA for grant of $8,100 to assist in financing.
Bonds have been voted in the amount of $10,000.

CONTRACT AWARDED
LOS ANGELES, Calif.—Harvey A. Nichols, 936 E. Slauson Ave., awarded contract by Los Angeles board of education, at $146,452 (accepting Bid No. 1 and Alt. 1), for one-story rein. concrete building to be erected at Washington Boulevard School, 1925 S. Budlong Ave. W. F. Ruck, architect; S. B. Barnes, Structural Engineer, and Robert M. Storms and Clayton T. Gibbs, Mechanical Engineer.

Preparing Plans
ADDITION Cost, $12,000
BAKERSFIELD, Kern Co., Calif. Fremont School.
Addition to Fremont School (two classrooms).
Owner—Bakersfield Elem. Sch. Dist.
Architect—E. J. Symmes, Haberfelde Bldg., Bakersfield.

CONTRACT AWARDED

LOS ANGELES, Calif.—Marko Matick, 7310 S. Figueroa St., Los Angeles, awarded contract by Los Angeles board of education, at $45,950 (main bid), for a one-story, reinf. concrete physical education building to be erected at North Hollywood high school, 5231 Colfax Ave., North Hollywood. R. D. McPherson, architect; William D. Coffey, structural engineer, and E. L. Ellingwood, mechanical engineer.

Plans Approved

ALTERATIONS Cost, $35,000
MILL VALLEY, Marin Co., Calif.
Alterations and additions to Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)
Owner—Mill Valley School District.
Architect—Walter Falch, Hearst Bldg., San Francisco.
Plans have been approved by the State Division of Architecture, Sacramento, and bids will be asked shortly.

CONTRACT AWARDED

LOS ANGELES, Calif.—J. K. Thomas, 700 Kress Bldg., Long Beach, awarded contract by Los Angeles board of education, at $435,413 (accepting Bid No. 2 which omits shop building, and Alt. 2), for reinf. concrete administration, classroom, physical education and domestic science buildings to be erected at South Los Angeles junior high school, 234 E. 112th St. Myron Hunt and H. C. Chambers, architect; C. Deuel, structural engineer, and E. L. Ellingwood, mechanical engineer.

CONTRACT AWARDED

LOS ANGELES, Calif.—N. A. Anderson, 422 Board of Trade Bldg., Los Angeles, awarded contract, at $123,268 (Bid No. 1), by Los Angeles board of education, for six steel frame classroom bungalows, auditorium building, physical education building and craft building, to be erected at Tujunga District high school, 10,629 Plainview Ave., Tujunga. William V. Kernan, architect; Murray Erick, structural engineer, and Ralph E. Phillips, mechanical engineer.

Bids Opened

ADDITIONS Cost, $25,350
WATSONVILLE, Santa Cruz Co., Calif.
One-story frame and stucco addition to Roache School (5 classrooms) plaster interior partitions, composition shingle roofing, Oregon pine flooring, hot air heating system, gas furance, etc.
Owner—Roache School Dist. (Chris V. Kostaras, Clekr).
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville
Complete bids follow:
John Branagh, 116 Monticello Ave., Piedmont $21,700
Empire Const. Co., Russ Bldg. San Francisco..... 21,700
P. T. Wallstrum, Watsonville.. 22,940
T. P. Sechrest, King City..... 26,600
Bids referred to the PWA.

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until November 12, 7:30 p.m., bids will be received by the Bakersfield School District, Florence C. Porter, Secretary, Board of Education, for installation of electrical work in the Emerson, Washington, Williams and Lowell School Buildings, in Bakersfield.

Plans prepared by Architect Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.

Plans and specifications obtainable from the office of the Architect, upon deposit of $10.

Funds Asked

ADDITION Cost, $64,545
SACRAMENTO, Sacramento Co., Cal. Vallejo Way and 17th St.
Classroom addition to the Crocker Elementary School.
Owner—Sacramento City School District.
Architect—Not Given.
Application has been filed with the PWA for a grant of approximately $29,000.

Bids Opened

GYM & POOL Cost, $138,000
DALY CITY, San Mateo Co., Calif.
One-story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring) reinforced concrete swimming pool (40x75 feet).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Mechanical and Electrical Engineer—Robt. L. St. John, 544 Market St., San Francisco.
PWA has approved grant of $69,545.
Low Bidder—Frank J. Reilly, 6350 Fulton St., San Francisco, $179,881.
Complete bids follow:
F. J. Reilly, San Francisco.....$179,881
F. C. Amoroso & Sons, S. F..... 196,727
De Luca & Son, S. F..... 208,831
Recommendation was made that contract be awarded the low bidder with the following deductions: Alt. 15, 20, 21 and 24. Plans forwarded to PWA for approval.

CONTRACTS AWARDED

REHABILITATE SCHOOL $118,500
BERKELEY, Alameda Co., Calif.
Rehabilitation of Lincoln School.
Owner — Berkeley Board of Education.
Architect—Not Given.
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Bids were taken on a segregated basis. Principal awards follow:
Roofing—Bay Cities Asbestos, Fifth Ave. and 12th St., Oakland—$1,481.71.
Structural Steel—George R. Borrmann Steel Co., 25 8th St., Oakland—$721.87.
Plastering Materials — Contra Costa Bldg. Materials Co., 2824 Shattuck, Berkeley—$1,193.91.
Paint—Frank W. Dunne, 41st and Linden, Oakland—$573.63.
Plumbing Materials.— Grinnell Co., 2230 Peralta, Oakland—$4,230.87.
Reinforcing Steel — Herrick Iron Works, 18th and Campbell, Oakland—$2,145.03.
Portland Cement—Chas. S. Hughes Co., 1001 Ashby Ave., Berkeley—$843.58.
Lumber—Loop Lumber & Mill Co., Broadway and Blanding, Alameda—$5,466.06.
Wood & Metal Lath, Etc.—C. Markus Hdwe. Co., 7th and Washington, Oakland—$574.48.
Misc. Tools & Equipment—Maxwell Hdwe. Co., 1320 Washington, Oakland—$654.38.
Stand Pipe Materials — Richmond Sanitary Co., 9th and Alice, Oakland—$547.45.
Ready-Mix Concrete — Transit Concrete, Ltd., 2500 Peralta, Oakland —$4,639.17.
Electrical Materials — Westinghouse Elec. Supply Co., 10th and Alice, Oakland—$4,203.02.
Bolts, Washers & Nuts—White Elec. Co., 2305 Shattuck St., Oakland—$465.51.

Funds Asked

RECONSTRUCTION Cost, $84,000
ALAMEDA, Alameda Co., Cal. Alameda Ave., bet. Oak and Walnut.
Reconstruct auditorium at the Porter School.
Owner—Alameda City School Dist.
Architect—Henry A. Minton, Underwood Bldg., San Francisco.
Structural Engineers—L. H. Nishkian, 525 Market St., and James Hamill, 381 Bush St., San Francisco.
Application has been filed with the PWA for a grant of $38,000.
Andrew T. Hass, 525 Market St., San Francisco, previously reported as architect, which was in error.

Grant Approved

AUDITORIUM Cost, $38,000
OAKLAND, Alameda Co., California. Thorne Road and Mountain Blvd.
Frame and stucco auditorium for school and public use to be constructed on grounds of Montclair School; rigid asbestos roof; maple floor; seating capacity of 300.
Owner—Oakland School District.
Architect—Will G. Corlett, Bank of America Bldg., Oakland.
Grant of 45% of cost approved by PWA.

Grant Approved

ALTERATIONS Cost, $17,000
OAKLAND, Alameda Co., Calif. Chabot & Patton Sts.
Alterations to present Chabot School, including completion of heating and wiring system in the newly constructed auditorium on the same site.
Owner—Oakland School District.
Architect—Will G. Corlett, Bank of America Bldg., Oakland.
Grant of 45% of cost approved by PWA.

Grant Approved

ALTERATIONS Cost, $5,000
OAKLAND, Alameda Co., California. Brann St. and Morcom Ave.
Completion of the heating and wiring system in the newly constructed auditorium at Sherman School.
Owner—Oakland School District.
Architect—Will G. Corlett, Bank of America Bldg., Oakland.
Grant of 45% of cost approved by PWA.

Bids Wanted — To Close November 16, 8 P. M.

SCHOOL Cost, $16,350
ORANGEVALE, Sacramento Co.
One-story frame and stucco school (four classrooms).
Owner—Orangevale School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
PWA has approved a grant of $7,380.
Plans and specifications obtainable from the architect upon deposit of $25.

Contract Awarded

ROOFING Cont. Pr., $1,670
SAN JOSE, Santa Clara Co., Calif.
Repair roofing on men's gymnasium at State Teachers' College.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Wm. J. Anderson, 3825 Army St., San Francisco.
Complete bids follow:
Wm. J. Anderson, San Francisco $1,670
Bush Roofing Co., San Jose.... 1,831
R. L. Reeves, Palo Alto..... 1,975

To Be Done By Day's Labor

RECONST SCHOOL Cost, $6,000
SOQUEL, Santa Cruz Co., Calif.
Reconstruction of Soquel Grammar School (strengthening roof).
Owner—Soquel Un. Grammar School District.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.

Work will commence in about one week under the supervision of Roy Hunter, Watsonville.

To Ask Bids In About One Week
TEMPORARY CLASSROOMS Cost, $——
TAFT, Kern Co., Calif.
Wrecking of north and south wings of high school and construction of ten tent classrooms.
Owner—Taft Union High School District.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.
Specifications available at the office of H. O. Elliott, Superintendent of Building and Grounds, Taft Union High School.

16—BANKS, STORES AND OFFICES

Contract Awarded
STORE BLDG. Cost, $18,000
OAKLAND, Alameda Co., Cal. Telegraph Ave. near 18th St.
One - story and basement concrete and steel store building.
Owner — Kushins and Sternberger, Oakland.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—Fred Muller, 1416 Jefferson St., Oakland. •

To Be Done By Day's Labor
ALTERATIONS Cost, $.....
OAKLAND, Alameda Co., Calif. 11th and Jackson Streets.
Remodel three-story office building to provide offices for State Motor Vehicle Department.
Owner—State of California.
Architect — George B. McDougall, State Architect, Public Works Bldg., Sacramento.

Roofing Contract Awarded
STORES Cost, $25,000
SANTA CRUZ, Santa Cruz Co., Cal.
One-story reinforced concrete store building (four stores), tar and gravel roofing, concrete floors, terra cotta front, etc.
Owner — Pacific States Amusement & Realty Co., Santa Cruz
Architect—Not Given.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor — Salih Bros., 25 Taylor St., San Francisco.
Roofing—Central Supply Co., Bin 9, Watsonville.
As previously reported:
Terra Cotta—N. Clark & Son, 116 Natoma St., San Francisco.
Lumber—Hebbron Lumber Co., Santa Cruz.
Plumbing — Izant & Wilson, Santa Cruz.

LOW BIDDER
STORE & OFFICE BUILDING Cost, $17,000
MODESTO, Stanislaus Co., Calif.
One-story reinforced concrete store and office building.
Owner—Dr. F. C. Gould.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Low Bidder—Arnold Bros., 208 Elmwood Ave., Modesto.

Sub Contracts Awarded
STORE Cost, $40,000
OAKLAND, Alameda Co., Calif. 17th Street and Broadway.
One-story and mezzanine floor concrete and steel store bldg. (composition roofing, etc.).
Owner—Jamieson-Towle-Willoughby, Oakland and San Francisco.
Architect—K. E. Ponsford, 900 Creed Road, Oakland.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland.
Reinf. Steel—Soule Steel Co., 1750 Army St., San Francisco.
Concrete—Nat Lena, 1174 19th St., Oakland.
As previously reported: Structural Steel, Judson Pacific Co., 609 Mission St., San Francisco; Excavation, Ariss-Knapp Co., 961 41st St., Oakland; Underpinning, D. J. Sueell, 2626 Ivy Drive, Oakland.

Preparing Preliminary Plans
RESTAURANT Cost, $——
SAN FRANCISCO.
Complete new restaurant (kitchen, pantry, equipment, etc., in existing building.
Owner—Withheld.
Architect—S. A. Colton, 544 Market.

Low Bidder
ALTERATIONS Cost, $.....
SAN FRANCISCO. 215 Kearny St.
Alterations to store building.
Owner—Bothin Real Estate Co., 604 Mission St.
Architect — Angus McSweeney, 604 Mission St.
Low Bidder—A. F. Mattock, 212 Clara St., San Francisco.
Announcement will be made within a few days.

Preparing Plans
DRIVE-IN MARKET Cost, $75,000
STOCKTON, San Joaquin Co., Calif. SW El Dorado St. and Harding Way.
Drive-In Market (150x150 ft.) cement and stucco construction, service station, etc.
Owner—Not Given.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Agent—John A. Clecak, Stockton.
Plans will be completed in about two weeks.

Preparing Preliminary Plans
BANK Cost, $80,000
SACRAMENTO, Sacramento Co. Cal. Tenth Street bet. J and K Sts.
Reinforced concrete bank building.
Owner—American Trust Co., 464 California St., San Francisco.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Construction will be started by the first of the year. •

Plans Being Figured—Bids Close November 17, 5 P. M.
MARKET Cost, $15,000
SACRAMENTO, Sacramento Co. Cal. Ninth and S Streets.
One - story frame and stucco drive-in market building, cement slab on ground floor (90x115 ft.)
Owner—Herman T. Davis.
Arcitect—Chas. F. Dean, California State Life Bldg., Sacramento.

17— THEATRES

Contract Awarded
ALTERATIONS Cost, $15,000
SACRAMENTO, Sacramento Co., Calif. 617 K Street.
Alterations and additions to Liberty Theatre (new marquee, painting, decorating, extend mezzanine floor, new offices, rest rooms).
Owner—J. W. DiStasio.
Architect — Harry Devine, Cronan Bldg., Sacramento.
Contractor—Chas. Vanina, 2022 M St., Sacramento.

18— WHARVES & DOCKS

To Be Done By Day's Work
RECONSTRUCTION Cost, $25,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
Redecking wharf, bearing piles, fender piles, compound braces, etc.
Owner—Albers Brothers Milling Co., West End and 7th St., Oakland.
Architect—Not Given.
Plans by engineering department of owner. •

19—MISC. CONSTRUCTION

CONTRACT AWARDED
NAPA, Napa Co., Calif.—Staples & Pfeiffer, Ltd., 528 Bryant Street, San Francisco, submitted low bid and awarded contract by the State Division of Architecture for installing gas burners in one boiler and oil burners in four boilers at the Napa State Hospital.
E. A. Cornely, Inc., San Francisco at $1,725.61 submitted the only other bid •

Bids Wanted
FUNERAL HOME Cost, $——
EXETER, Tulare Co., Cal. Pine and B Streets.
Stucco funeral home; Spanish type; chapel (17 pews) music and family rooms, and manager's residence (6 rooms).
Owner—J. M. Hadley.
Architect—Judson Steele, Visalia.

Contract Awarded
MORTUARY Cost, $12,000
MONTEREY, Monterey Co., Calif Abrego St. near Fremont.
One-story mortuary building (Monterey architecture).
Owner—Victor Mossop.
Lessee—T. A. Dorney.
Architect—Not Given.
Contractor—Walter B. Snook, 173 Eldorado St., Monterey.

BIDS WANTED
SAN FRANCISCO.—Until November 25, 2 p.m., bids will be received by State Department of Public Wks., San Francisco-Oakland Bay Bridge Division, Chief Engineer C. H. Purcell, Room 811, 500 Sansome Street, San Francisco, for demolition and removal of buildings on the right-of-way of the San Francisco interurban terminal and viaduct.
Bids will be received either for the bidder to pay the state for salvaged material or for the state to pay the bidder for removal of the buildings including salvage.
Plans and specifications may be obtained at the San Francisco-Oakland Bay Bridge Office, 500 Sansome Street, on deposit of $20, of which $10 will be returned. •

Planned
SWIMMING POOL Cost, $.....
SACRAMENTO, Sacramento Co., Cal. William Land Park.
New outdoor plunge (65x120), small pool (30x40); outdoor buffet patio (110 ft. frontage), restaurant; two modernistic concrete and stucco buildings; sun decks; all encircled by 8-ft. concrete wall.
Owner — Riverside Baths (Frank Lauppe, president).
Architect—W. E. Coffman, Forum Bldg., Sacramento.
The old structure is now being wrecked.

CONTRACT AWARDED
SAN JOAQUIN CO., Calif.—John Hachman, P. O. Box 206, Stockton, at $1,640 awarded contract by San Joaquin County Board of Supervisors for constructing ferry landings at Correia Ferry, across White Slough bet. Terminous Tract and Empire Tract, about four miles SE of Terminous.
Only other bid submitted by C. J. Lauritzen, Antioch, at $1,786.20.

CONTRACT AWARDED
SAN JOAQUIN CO., Calif. — The Gamewell Company, 1238 Chestnut St., Newton Upper Falls, Mass., awarded contract, at $9,399.92, by San Joaquin County Board of Supervisors, for furnishing and installing County Police Radio Broadcasting Equipment and servicing same

for a period of ninety days after installation.

Complete bids follow:

The Gamewell Co., Newton Upper Falls, Mass.....$9,399.92
Stanley Elect. Motor Co..... 9,968.00
General Electric Co., Los Angeles *11,153.25

*Sales tax to be added.

Sub-Contracts Awarded

BUILDINGS Cost, $——

YOSEMITE PARK, Mariposa County, Calif.

Two dormitory buildings (33 rooms, 2 baths each) and one apartment house (eight 2-room and bath apts.) frame construction, redwood rustic exterior, galvanized metal roofs, plaster board, sheet rock inside walls and ceiling, wood and linoleum floors, etc.

Owner—Yosemite Park & Curry Co.

Architect — Eldridge Spencer, Claus Spreckels Bldg., San Francisco.

Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

Plumbing and Heating—John Smee, 717 Higuera St., San Luis Obispo.

Electric — Electric Motor Company, 217 Broadway, Oakland.

Mill—Oakland Planing Mill, Inc., 105 Washington St., Oakland.

Lumber—Smith Lumber Co., 19th & Estuary, Oakland.

BIDS WANTED

SAN FRANCISCO. Jos. J. Phillips, Director of Property, will sell at public auction, November 16, 9:30 A. M., on the premises, the city-owned building at 732 Duboce Ave.

Contract Awarded

DEPOT & GARAGE

STOCKTON, San Joaquin Co., Calif. Washington and Sutter Streets.

One-story reinforced concrete bus depot and garage (steel trusses, composition roofing, etc.).

Owner—Pacific Greyhound Lines, 201 Pine St., San Francisco.

Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—J. C. Meyers, Rt. 1, Box 439, Stockton.

Sub-Contract Awarded

RADIO STA. Cont. Price, $15,000

SAN FRANCISCO. W Bay View Pk.

One - story and basement reinforced concrete radio broadcasting building.

Owner—Hearst Radio, Inc., Hearst Building.

Architect—Miss Julia Morgan, Merchants' Exchange Bldg.

Engineer—W. L. Huber, First National Bank Bldg.

Contractor — F. C. Stolte Company, 3455 Laguna Ave., Oakland.

Radio Aerial — Bethlehem Steel Co., 20th and Illinois Streets.

Reinforcing Steel—Gunn, Carle & Co. 20 Potrero Avenue.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

OAKLAND.—General Welding Co., at $0.41 per l.f., total $3,690, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L.S. 183, for approximately 9,000 l.f. of electric welding of 26,000 ft. of 36-in. diam. steel pipe.

BIDS OPENED

OAKLAND. — Following bids received by the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L.S. 186, for constructing and furnishing 2,000 l.f. of electric welded, cement-lined steel pipe, 25-in. diam., as follows:

(1) 25-in. diam. pipe;
(2) cement lining.

Complete bids follow:

California Corruguated Culvert Co., 5th and Parker Sts., Berkeley—(1) $4,440.

American Concrete & Steel Pipe Corp., 19th Ave. and Estuary, Oakland—(1) $5,700; (2) $1,200.

Steel Tank & Pipe Co., Berkeley—(1) $5,400; (2) $1,280.

CONTRACTS AWARDED

OAKLAND. — American Brass & Copper Co., at $2,451 (for Items 1 and 4) and the James Jones Co., at $4,655 (for Items 2, 3 and 5), awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, under Informal Proposal No. 805, for furnishing curb and corporation stops.

CONTRACT AWARDED

LOS ANGELES. — Commercial Shearing & Stamping Co., Youngstown, Ohio, care of Western Pipe & Steel Co., Los Angeles, at $29,571, awarded contract by the Metropolitan Water District for furnishing 1000 8-in. structural steel ribs with appurtenant splice plates, base plates, bolts and nuts, for support for 16-ft. tunnel, Spec. 181. Bids were opened Oct. 27.

CONTRACT AWARDED

OAKLAND.—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $55,780, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Spec. No. L.S. 185, for furnishing 74,000 l.f. of cast-iron pipe.

CONTRACT AWARDED

OAKLAND.—Johns-Manville Sales Corp., 1605 Jefferson St., Oakland, at $4,527.50, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L.S. 184, for furnishing 2,500 l.f. of 4-in. and 5,000 l.f. of 6-in. asbestos cement water pipe.

BIDS REJECTED

OAKLAND.—The East Bay Municipal Utility District, John Kimball, Secretary, has rejected all bids received under Proposal No. 806 for furnishing miscellaneous ells and couplings and the materials will be purchased in the open market.

BIDS OPENED

LOS ANGELES.—Bids for furnishing 72,000 gallons of coal tar pitch cutback sealing compound for curing concrete, for use on the Colorado River Aqueduct, Spec. 178, were opened by the Metropolitan Water District, Oct. 27. The bids were:

The Barrett Co., New York City—$0.149 per gal.; total $10,728. Use tax $321.84; grand total, $11,049.84; 2% 30 days. F.o.b. cars or trucks, Chicago, Ill., or Edgewater, N. J

Reilly Tar & Chemical Co., Indianapolis, Ind.—$0.187 per gal., total $13,464. Use tax, $403.92; total $13,867.92. F.o.b. Chicago; A.T.S. New York City. Use tax will be collected by the bidder. Alternate: $0.16 gal., $11,664, $349.92, $12,013.92. No discount.

Public Service Co. of Colorado (Crown Tar Works Division), Denver, Colo.—$0.186 per gal., total $13,392. Subject to use tax, not to be paid by bidder

CONTRACT AWARDED

SUMMIT LAKE PROJECT, Nevada.—California Corrugated Culvert Co., 5th and Parker Sts., Berkeley, at $487.13, submitted low bid and awarded contract by the U. S. Indian Irrigation Service, Los Angeles, for furnishing slide gates, pipe, and connecting bands, f.o.b. Berkeley, for the Summit Lake project. Nevada, under Invit. No. 0333.

The items are:

GATES

(1) 1 24-in. diam. slide gate, 4· t. frame;
(2) 4 18-in. same;
(3) 9 12-in. same.

PIPE

(4) 36 ft. 24-in. diam., 12-ft. lengths;
(5) 96 ft. 18-in. diam., 12-ft. lengths;
(6) 90 ft. 12-in. diam., 10-ft. lengths;

CONNECTING BANDS

(7) 2 24-in.;
(8) 5 18-in.;
(9) 9 12-in.

The bids were:

California Corrugated Culvert Co., f.o.b. Berkeley, (1) $24.62; (2) $19.17; (3) $12.30; (4) $1.88; (5) $1.19; (6) 82c; (7) $1.59; (8) $1.32; (9) $1.07; total, $487.13.

Western Pipe and Steel Co., San Francisco, f.o.b. South San Francisco, (1) $28.30; (2) $20.25; (3) $12; (4) $1.90; (5) $1.20; (6) 84c; (7) $1.61; (8) $1.33; (9) $1.08; total, $496.09.

Martin Iron Works, Los Angeles, f.o.b. Los Angeles, (1) $33.41; (2) $28.20; (3) $14.87; (4) $2.32; (5) $1.46; (6) $1.02; (7) $2.25; (8) $1.63; (9) $1.32; total, $620.05.

BIDS OPENED

LOS ANGELES.—Bids for furnishing 1000 8-in. structural steel ribs, with appurtenant splice plates, base plates, bolts, and nuts for support for 16-ft. diam. tunnel, Spec. No. 181, opened by the Metropolitan Water District. Los Angeles, Oct. 27. The bids were:

Commercial Shearing & Stamping Co., Youngstown, Ohio, care Western Pipe & Steel Co.—(1) $29.72 each; total, $29,720.00. F.o.b. cars or trucks, Youngstown, Ohio. Discount ½ of 1% 10 days.

Bethlehem Steel Co., Los Angeles—(1) $39.448 each; total, $39,448.00. F.o.b. 11,100 So. Central Ave., Los Angeles. No discount.

HOW G-E TIME SWITCHES PAY

G-E Type T-17 Time Switch

Timed and powered by Telechron motors - - easy to wire and install - - heavy silver contacts - - - will last for years; for indoor or outdoor service - - - six forms, for either clock or sun schedule.

VALUE to the contractor lies in the fact that they show a good profit. You make a profit, not only on the switch itself, but also on the wiring, fixtures, and accessories. Then, too, once sold, they stay sold; they perform well and require no attention. They bring repeat orders. Call or phone your nearest G-E sales office, or write General Electric Company, Dept. 6-201, Schenectady, N. Y.

GENERAL ELECTRIC

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

ALAMEDA COUNTY

BERKELEY.—Bids will be received by the Berkeley Board of Education, November 18, 4:45 p.m., for the sale of a quantity of brick located on the grounds of the Lincoln School, Ellis, Prince and King Sts.

The items are:

(1) Approximately 200,000 uncleaned used common brick;
(2) Approximately 100,000 uncleaned used hard burned brick;
(3) Approximately 600 l.f. uncleaned used cast stone cornice;
(4) One lot of used miscellaneous cast stone ornaments, including one main entrance, two oriel windows, etc.

Brick will be sold to the highest bidder at auction.

OAKLAND, Alameda Co., Calif.—Until November 10, 10 a.m., bids will be received by the Alameda County Board of Supervisors, G. E. Wade, County Clerk, Hall of Records, 5th St. and Broadway, Oakland, for furnishing and installing Venetian blinds in the County Court House and Hall of Records, 12th and Fallon Streets.

Specifications obtainable from the above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until November 9, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1681, for furnishing one gasoline engine driven double drum hoist.

Specifications obtainable from the above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

OIL—Navy fuel oil and fuel oil for Diesel engines; West Coast. Sch. 9127; Nov. 10.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

EAST BAY UTILITY DIST.

OAKLAND.—Until November 12, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 811, for furnishing one trenching machine. Estimated cost, approximately $6,000.

Specifications obtainable from the above office.

RECLAMATION BUREAU

BOISE PROJECT, Idaho. — Until November 16, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 852-D (readvertisement of Spec. No. 785-D) for furnishing and delivering f.o.b. cars at the shipping point and/or Barber Junction, Idaho, two 24-in. internal-differential control valves for installation in the drum-gate control chambers in the spillway section of the Arrowrock Dam, Boise Project, Idaho. The valves will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.75, not returnable.

CASPER-ALCOVA PROJ., Wyo.—Until November 20, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 853-D, for furnishing and delivering fob cars at the shipping point and/or Casper, Wyo., one portable oil purifier with a capacity of 600 gals. per hour; and one filter-paper drying oven for installation in the Seminoe power plant, Casper-Alcova project.

All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $.25, not returnable.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

November 9, 10 A. M.

BID NO. 2792—300,000 sq. ft. wire mesh; f.o.b. spur track, East Bay Municipal Utility District Yard, 6th and Harrison Streets, Berkeley.

BID NO. 2793—Plumbing (closets, lavatories, sinks, faucets, etc.), f.o.b. Market and San Fernando Sts., San Jose.

BID NO. 2798—441 Douglas fir creosoted blocks and 1200 l.f. R/L battens; f.o.b. Richmond City Corp. Yard, 6 13th St.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for the rental of equipment for use on WPA projects, as follows:

November 9, 10 A. M.

BID NO. 2788—Steel tower hopper, 27 c.f. capacity, with radial control gate 8x12-in.; f.o.b. Aquatic Park, Larkin and Beach Streets, San Francisco.

November 10, 10 A. M.

BID NO. 2804—Air compressor, 310 c.f. displacement, gasoline engine, complete; f.o.b. O'Shaughnessy Blvd. Project, Teresita and Bosworth, San Francisco.

November 13, 10 A. M.

BID NO. 2751—Suction dredge, complete with pipe, pontoons, etc.; f.o.b. San Diego Bay.

Specifications obtainable from the above office.

U. S. FOREST SERVICE

SAN FRANCISCO.—Until November 9, 2 p.m., bids will be received by F. F. Moran, Assistant Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 929, for furnishing structural steel for the South Fork Antelope Creek Bridge.

Delivery f.o.b. bidder's shipping point.

Specifications obtainable from the above office.

WAR DEPARTMENT

FORT MASON.—Until November 12, 10 a.m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-29, for furnishing Douglas fir lumber and mill work.

Specifications obtainable from the above office.

SAN FRANCISCO. — Until November 13, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-67, for furnishing pipe plugs, steel pipe, couplings, nipples, bushings, bolts, nuts, tool steel, etc., for the U. S. Dredge, "San Joaquin."

Delivery f.o.b. Pier 3½, San Francisco waterfront.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until Nov. 10, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. W 1105-37-95, for removing the sunken wreck of the oil barge "Ohio" at the edge of the low water channel in the Sacramento River, about 1,000 ft. below Y St., Sacramento.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until Nov. 10, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-96, for the rental of a tow boat for approximately 60 hours.

Delivery fob U. S. Engineer Boat House, Stockton.

Specifications obtainable from the above office

SACRAMENTO. — Until November 12, 3 p.m., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, Lieut.-Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-91, for furnishing and delivering miscellaneous castings, as follows:

(1) One pump discharge connection, gray iron;
(2) One discharge pipe flange, cast steel;
(3) One gland for stuffingbox, cast steel;
(4) One flange for suction thimble, cast steel;
(5) Six suction pipe flanges, cast steel;
(6) One pipe flange, cast steel;
(7) Four dredge impeller inner wearing rings, cast steel;
(8) One discharge pipe "S" bend, gray iron;
(9) One suction pipe "S" bend, gray iron;
(10) One swivel elbow, gray iron;
(11) 24 lengths Pontoon pipe, 20-in. I.D. by 40 ft. long;
(12) 25 pipe bands;
(13) Five sets (4 halves per set—20 halves) dredge pump casing wear rings, gray iron;
(14) Two propellers for Launch Rio Vista, cast steel.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

TEHAMA COUNTY, Cal.—Lord & Bishop, Native Sons Bldg., Sacramento, at approximately $10,000 was awarded contract by the State Division of Highways, Sacramento, for repair of the highway bridge which collapsed recently over Sacramento River at Red Bluff.

The temporary structure will consist of a pile trestle with redwood deck. A new permanent bridge will be built next year.

CONTRACT AWARDED

LAKE CO., Calif.—C. E. and Paul Beach, Lakeport, at $545, submitted low bid and awarded contract by the Lake County Board of Supervisors, W. M. Patterson, Clerk, for repairing the bridge across Dobe Creek at the S. C. Stone Ranch in District No. 5.

C. S. Good, Lakeport, at $595, submitted the only other bid.

BIDS WANTED

HUMBOLDT CO., Calif.—Until November 10, 2 p.m., bids will be received by the Humboldt County Bd. of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a bridge over Freshwater Slough in District No. 4.

Plans and specifications obtainable from the office of County Surveyor Frank E. Kelly, Second and K Sts., Eureka.

CONTRACT AWARDED

LOS ANGELES.—John Strona, Pomona, at $213,498.70, awarded contract by the Los Angeles Board of Public Works, for the construction of the Riverside Drive bridge (Victory Blvd. bridge), over the Los Angeles River and appurtenant street improvements and park work between 375 and 2282 feet south of Sonora Avenue, Glendale, a PWA Project No. 1461, Unit No. 5. The structure will be 56 feet wide and 382 ft. long with 44-ft. roadway and two 5-ft. sidewalks.

COMPLETE BID LISTING

ELDORADO CO., Cal—Donald E. Morton, 65 Broadway, Placerville, at $5,989.55, as previously reported, submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for the construction of a bridge across Webber Creek, 1.5 miles south of Placerville, Eldorado County.

The work involves:

(1) 1 only existing steel truss span to be removed and disposed of;
(2) 30 c.y. existing concrete to be removed and disposed of;
(3) 250 c.y. structure excavation;
(4) 8,000 lbs. bar reinforcing steel;
(5) 77 c.y. Class A Portland cement concrete (structure);
(6) 25 MFBM Douglas fir timber;
(7) 4.5 MFBM Redwod timber dense select, all-heart structural grade
(8) 30 c.y. dry rubble;
(9) 1 lot misc. items of work.

Total bids follow:

(A) D. E. Morton, Placerville $5,989.55
(B) F. H. Neilson, Orland..... 6,063.00
(C) M. A. Jenkins, Sacramento 6,127.00

Unit bids follow:

(1)	$202.00	$150.00	$350.00
(2)	2.50	7.00	5.00
(3)	2.25	3.00	2.00
(4)	.0506	.06	.05
(5)	22.00	23.00	21.00
(6)	71.20	68.00	80.00
(7)	112.50	114.00	120.00
(8)	8.50	9.00	9.00
(9)	510.00	219.00	300.00

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until November 18, 2 P. M., bids will be received by the State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for the construction of a steel and concrete pedestrian overhead crossing at Maple and 7th Sts., Colton.

Plans and specifications obtainable from the above office.

BIDS WANTED

STANISLAUS CO., Calif. — Until November 16, 1:30 p.m., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for the repair of a bridge across Tuolumne River at Bassos Ferry, about 2 miles west of LaGrange, Stanislaus County.

The work involves:

(1) 1 lot existing deck removed and disposed of;
(2) 30,000 lbs. bar reinforcing steel;
(3) 145 c.y. Class A portland cement concrete;
(4) 75,000 lbs. structural steel;
(5) 10 MFBM redwood timber, dense, select, all-heart, struct. grade;
(7) One lot miscellaneous items of work.

Plans and specifications obtainable from the above office; charge for blueprints (two sheets), $0.20.

22— DREDGING HARBOR WORKS, EXCAVATION

NO BIDS RECEIVED

RIVERSIDE COUNTY, Calif.—No bids were received by the Metropolitan Water District, Los Angeles, Oct. 30, under Spec. No. 175, for constructing the Coxcomb Wasteway of the Colorado River Aqueduct.

The engineers did not make any announcement as to whether the work would be readvertised or done by force account. The proposed work involves a reinforced concrete structure 200 ft. in length, with transition sections and steel radial gates. The site is located 14 miles northeast of

CAPITAL CITY TITLE COMPANY

J. C. PALEN.
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

SACRAMENTO. — Until November 9, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col J. G. Drinkwater, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-37-94, for furnishing and operating one or two dragline excavators on miscellaneous work in the vicinity of Sacramento.

Equipment shall have a minimum 40-ft. boom, 0.5 to 0.75 c.y. buck, and 5-hp. engine.

Specifications obtainable from the above office

23— CANALS

BIDS OPENED

STOCKTON, San Joaquin Co., Cal. —Ed Erickson, Rt. 4, Box 744, Modesto, at $1.65 per l.f., submitted low bid to Ohm & Raab, civil engineers, 109 E. Weber Ave., Stockton, for lining approximately 9,700 ft. of earthen canal with concrete having a thickness of 3 inches.

The finished canal will have a 2-foot bottom width and a depth of 3.4 feet with side slopes 1¼ to 1.

The work is located about 9 miles from Stockton.

California Gunite Co., Turlock, at $1.80 per l.f., submitted the only other bid.

BIDS OPENED

SACRAMENTO. — A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at $15,755 (Schedule B), submitted low bid to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 37-77, for setting back, raising and strengthening the existing levee and constructing new levee along the west bank of the Sacramento River at two different sites: From a point about 1.2 miles north of the Colusa-Yolo County line near Menzie's Ranch, upstream for a distance of about 3200 ft.; and from a point about 1.4 miles north of Tisdale Weir near Schohr's Ranch, upstream for a distance of about 1300 ft. The total volume of earth to be placed in embankment is approximately 137-000 cubic yards.

Bids were taken as follows:

Schedule "A"

(1) 111,500 c.y. levee embankment in place, Menzie's ranch site (109.87 miles to 110.45 miles above Collinsville);
(2) 25,500 cu. yds. levee embankment, Schohr Ranch Site (120.1 to 120.4 miles above Collinsville).

Schedule "B"

(3) 137,000 c.y. levee embankment in place, both sites combined (items 1 & 2 combined).

Complete bids follow:

A. Teichert & Son, Inc., Sacramento —(1) $0.12; total, $13,380; (2) $0.14; total, $3,570; (3) $0.115; total, $15,755.

C. A. Baker, North Sacramento—(1) $0.12; total, $13,380; (2) $0.12; total, $3,060; (3) $0.118; total, $16,160.

J. P. Immel, Ventura—(3) $0.14; total, $19,180.

Kuhn Bros., Manhattan Beach—(1) $0.186; total, $20,739; (2) $0.25; total, $6,375; (3) $0.189; total, $25,893.
Morrison-Knudsen Co., Los Angeles —(3) $0.197; total, $26,989.
D. McDonald, Sacramento—(1) $0.24; total, $26,750; (2) $0.28; total, $7,-140; (3) $0.24; total, $32,880.

24—STREET LIGHTING

BIDS WANTED

SAN MATEO CO.—Until November 9, 10 a.m., bids will be received by the San Mateo County Board of Supervisors, E. B. Hinman, County Clerk, Redwood City, for furnishing and installing eleven 250-candlepower overhead street lights in the Millbrae Park Lighting District.

Plans and specifications obtainable from the above office.

BIDS WANTED

SAN FRANCISCO.—Until November 18, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Electric Power Bureau Contract No. 19, for construction of a street lighting system in Van Ness Ave., between McAllister and Grove Streets.

The work involves:
(1) 259 trolley pole brackets with pendant luminaires;
(2) 32 electroliers, complete with luminaires and auto transformers;
(3) 19 foundations;
(4) 259 insulating transformers;
(5) 32,000 ft. primary cable;
(6) 8,500 ft. secondary wire;
(7) 2,700 ft. 1½-in. black conduit.

Plans and specifications obtainable from the office of Chief Engineer Paul J. Ost, Room 605, S. F. Water Department Bldg., 425 Mason St., upon deposit of $10.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

BOULDER CITY, Nevada.—Bids for furnishing equipment for installation in the Boulder Power Plant, Boulder Canyon Project, were opened by the Bureau of Reclamation, Denver, under Spec. No. 839-D.

Bids were taken as follows:
(1) Three 667-kv-a, single-phase, oil-insulated, self-cooled 60-cycle, 33,000 to 480/2,400-volt transformers.
(2) Four 1,667-kv-a, 60-cycle, single-phase, oil-insulated, water-cooled, 16,500/34,500-volt auto-transformers and three 1,000 kv-a do.
(3) Two 34,500-volt, three-phase, 60-cycle, 600-ampere, oil circuit breakers.
(4) Twelve 34,500-volt, 600-ampere, single-pole, single-throw, outdoor type, disconnecting switches.
(5) One 34,500-volt, 600-ampere, triple-pole, single-throw, gang-operated, air-break switch.
(6) Six 34,500-volt, single-phase, distribution-type, lightning arresters.
(7) Three 34,500-volt expulsion fuses.
(8) Two 16,500/115-volt, indoor-type, oil-insulated potential transformers.

Westinghouse Elec. & Mfg. Co., Denver—(1) $9,552; (2) $25,041; (3) $9,230; (4) $314; (5) $316; (6) $631; (7) $272; (8) $680; delivery in 60 days.

Westinghouse Elec. & Mfg. Co., Denver—(3) $6,045 (Alt.); delivery in 60 days.

General Electric Co., Schenectady —(1) $9,520; (2) $25,036; (3) $9,178; (4) $576; (5) $316; (6) $631; (7) $193; (8) $680; delivery in 60 days.

Allis-Chalmers Mfg. Co., Milwaukee—(1) $9,414; (2) $24,741; (8) $525; delivery in 95 days.

American Transformer Co., Newark, N. J.—(1) $8,955; (2) $22,965; (8) $588; delivery in 134 days.

Wagner Elec. Corp., St. Louis—(1) $9,309; (2) $23,294; delivery in 130 days.

Maloney Elec. Co., St. Louis—(1) $9,480; (2) $24,774; delivery in 60 days.

Kuhlman Elec. Co., Bay City—(1) $9,051; delivery in 60 days.

Pennsylvania Transformer Co., Pittsburgh—(1) $9,327; delivery in 60 days.

Standard Transformer Co., Warren, Ohio—(1) $7,885; delivery in 45 days.

Kelman Elec. & Mfg. Co., Los Angeles—(3) $6,675; delivery in 60 days.

Condit Elec. Mfg. Corp., Boston—(3) $6,280; delivery in 60 days.

Delta-Star Elec. Co., Chicago—(3) $8,750; (4) $576; (5) $316; delivery in 60 days.

Pacific Elec. Mfg. Corp., San Francisco—(3) $6,100; (4) $564; (5) $316; (7) $135; delivery in 81 days.

Johnson Mfg. Co., Atlanta—(4) $543; (5) $280; (7) $199; (combination 4, 5 and 7, $1,000); delivery in 60 days.

Southern States Equip. Co., Birmingham—(4) $574; (5) $316; (7) $191; delivery in 14 days.

Railway & Industrial Engr. Co., Greensburg, Pa.—(4) $576; (5) $316; (7) $181; delivery in 60 days.

Royal Elec. Mfg. Co., Chicago—(4) $432; (5) $237; (7) $133; delivery in 60 days; discount 1%.

Elec. Power Equip. Corp., Philadelphia—(4) $576; (5) $316; (7) $193; delivery in 60 days.

Elec. Power Equip. Corp., Philadelphia—(5) $331 (Alt.); delivery in 60 days.

Schweitzer & Conrad, Inc., Chicago —(4) $576; (5) $331; (7) $162; delivery in 45 days.

Bowie Switch Co., San Francisco—(4) $564; (5) $316; (7) $135; delivery in 21 days.

Graybar Elec. Co., Inc., Denver (4) $576; (5) $316; (6) $631; delivery in 60 days.

Line Material Co., South Milwaukee—(4) $576; (5) $316; delivery in 21 days.

Electrical Engrs. Equip. Co., Melrose Park, Ill.—(4) $576; (5) $316; delivery in 60 days.

Hi-Voltage Equip. Co., Cleveland—(4) $576; (5) $316; delivery in 60 days.

High Tension Co., Inc., Phillipsburg, N. J.—(4) $522; delivery in 60 days; discount 1%.

All bids f.o.b. Boulder City. All bids net unless otherwise noted.

BIDS OPENED

SAN FRANCISCO. — I. S. Cohen Sons, Ltd., 1025 Market St., at $1,575 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1675, for furnishing refrigeration equipment for San Francisco Hospital.

Complete bids follow:

I. S. Cohens Sons, Ltd.	$1,575
York Ice Machinery Co.	1,624
Scott-Buttner Refrig. Co.	1,729
Eckart-Etiny Corp.	1,800
Ruud Heater Co.	1,830
Cyclops Iron Works	1,940
Shirar Young Co.	2,015
General Elec. Supply Corp.	2,060

BIDS OPENED

EUREKA. — Danhausen & Van Winkle, Box 11, Windsor, at $2.25 per hour, submitted low bid to the State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of three 3-yd. dump trucks for approximately 500 hours each.

Complete bids follow:
Danhausen & Van Winkle, Windsor, —$2.25 per hour.

Identical bids at **$2.43 per hour** submitted by:
R. M. Taylor, Cottonwood;
Rock & Gravel Trucking Co., Oakland;
Leslie R. Harris, Chico;
Paul Entremont, Colusa;
Hayward Building Material Co., Hayward;
Wm. Kern, Weott;
Ashurst Bros. and W. E. Sinclair, Hopland;
Dewar's Express, Eureka;
J. Starkenburg, Los Angeles;
Vance & Kjer Bros., Eureka;
G. R. Starkenburg, Los Angeles;
Paul O. Nelson, Redwood City—$2.50 per hour.
A. E. Garcia, Jr., Irvington—$2.50.
Portola Truck Service, San Francisco—$2.75.
Chas. W. Beguhl, Millbrae—$3.00.

BIDS OPENED

SACRAMENTO. — Roberts Equipment Co., 1222 Mission St., San Francisco, at $593.28, submitted low bid to the Sacramento City Council, H. G. Denton, Clerk, for furnishing one 300-ampere portable truck-type motor generator electric welding set.

Complete bids follow:

Roberts Equipment Co.	$593.28
Moore Machinery Co.	618.00
Harnischfeger Sales Corp.	627.49
Lincoln Electric Co.	675.00
General Electric Co.	695.25
Victor Equipment Co.	700.40

Bids held under advisement.

CONTRACT AWARDED

TERMINAL ISLAND, Los Angeles Co., Cal.—Pennsylvania Iron and Steel Co., 2308 Santa Fe Ave., Los Angeles, at $4,039 awarded contract by the Public Works Officer, 11th Naval District, San Diego, under Spec. No. 8278, for furnishing and installing six job cranes at the 11th Naval District (Fleet Aviation Facilities) Terminal Island, Los Angeles Harbor.

26— RAILROADS

BIDS WANTED

SAN FRANCISCO, Calif.—Until December 9, 2 p.m., bids will be received by State Department of Public Works, San Francisco-Oakland Bay Bridge Division, C. H. Purcell, Chief Engineer, 500 Sansome Street, Room 811, an Francisco, for constructing the railway signal and interlocking work of the San Francisco-Oakland Bay Bridge.

The work includes an interlocking plant in San Francisco and an interlocking plant located on the Key System mole in Oakland. The work also includes track circuits with their required line control and power distribution for the operation of cab signals and automatic train control. The track circuit area extends continuously from the San Francisco terminus of the bridge railway to a point on the Key System tracks approximately 2500 feet west of the Southern Pacific Company right-of-way. The track circuit area also extends eastward along the proposed bridge railway-Southern Pacific connection to a point approximately seven hundred and fifty feet west of the intersection of Twenty-sixth and Thirty-second streets in Oakland.

Bids are to be compared on the basis of the single lump sum price not including the additions for all route interlocking control, and also on the basis of the single lump sum price combined with either or both of the additions for all route control. The director reserves the right to award the contract to the lowest qualified bidder on the basis of such combination as he may select. The unit prices for additions or deductions will not be considered in mak-

ing the award, except that proposals not completed in respect to these additions may be rejected as informal.

Plans and specifications may be obtained at the San Francisco-Oakland Bay Bridge office, 500 Sansome Street, on deposit of $50, of which $40 will be returned. * 26

27—FIRE ALARM SYSTEM

CONTRACT AWARDED

SACRAMENTO, Cal. — Gamewell Co., 7 Front St., San Francisco, at $177,140 (less allowance for used equipment) awarded contract by the Sacramento City Council for furnishing and installing a complete fire and police alarm system, exclusive of building.

Complete bids published Oct. 23.

The equipment will be installed in a central office building, to be constructed in the block bounded by 27th, 28th, P and Q Streets, for which plans are now being prepared by Architect Chas. S. Dean, California State Bldg., Sacramento * 27

29— STREETS AND HIGHWAYS

GRANT APPROVED

SAN MATEO, San Mateo Co., Cal. —The PWA has approved a grant of $19,898 to the City of San Mateo to aid in financing construction of street and sewer improvements. Total cost is estimated at $44,219.

Work will include paving, setting back curbs, construction of gutters, and laying of 2,000 ft. of sewer in Second, Third, Fifth and Ellsworth Avenues.

E. P. Wilsey, City Engineer.

CONTRACT AWARDED.

SAN FRANCISCO—E. J. Treacy, Call Bldg., at $6,990.30 awarded contract by the Department of Public Works, City Hall, under Spe. No. 18,821, for the reconstruction of Silver Ave., between Amherst St. and Princeton St.

BIDS OPENED

SAN FRANCISCO.—M. J. Lynch, Oakdale and Barneveld Avenues, at $27,909.25 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,973, for the widening and reconstruction of Taylor Street between Market and Post.

The work involves:

(1) 2770 l.f. stone curb reset, all sizes;
(2) 500 sq. ft. stone curb redressed;
(3) 305 l.f. armored concrete curb;
(4) 350 l.f. granite curb, in place (new tangent);
(5) 18 each, catchbasins, reset or reconstructed;
(6) 1 each, brick catchbasin, complete;
(7) 4 each, manhole frames and covers installed;
(8) 26 each, street and traffic signs reset;
(9) 8 each, low-pressure hydrants moved;
(10) 9 each, high-pressure hydrants moved;
(11) 5,500 lbs. new cast-iron pipe and specials;
(12) 650 lbs. lead;
(13) 5 c.y. high-pressure pipe excavation;
(14) 1500 lbs. wrought-iron bolts, nuts, and washers;
(15) 1 each, electric traffic signal relocated (vehicular);
(16) 2 each, electric traffic signals relocated (pedestrian);
(17) 4 each, fire alarm and police telephone boxes relocated;
(18) 2 each, electroliers relocated;
(19) 14,000 sq. ft. pavement removed;
(20) 17,000 sq. ft. asphaltic concrete wearing surface removed;
(21) 19,800 sq. ft. 8-in. class "E" concrete pavement, parking lane;
(22) 780 tons asphaltic concrete base course;
(23) 1180 tons asphaltic concrete wearing surface;
(24) 11,000 sq. ft. two-course concrete sidewalk;
(25) 2050 l.f. 1½-in. conduit, in place;
(26) 3300 l.f. 4-in. white lacquer traffic lines, in place;
(27) 1650 l.f. 6-in. white lacquer traffic lines, in place.

Total bids follow:

(A) M. J. Lynch.....$27,909.25
(B) E. J. Treacy..... 29,376.40
(C) Chas. L. Harney..... 29,413.00

Unit bids follow:

	(A)	(B)	(C)
(1).....	$ 0.60	$ 0.80	$ 0.50
(2).....	.60	.80	1.00
(3).....	1.25	1.00	1.00
(4).....	1.75	2.00	2.50
(5).....	50.00	50.00	50.00
(6).....	85.00	70.00	100.00
(7).....	25.00	25.00	30.00
(8).....	2.00	5.00	5.00
(9).....	35.00	30.00	50.00
(10).....	50.00	40.00	50.00
(11).....	.10	.10	.12
(12).....	.05	.05	.10
(13).....	3.00	4.00	5.00
(14).....	.12	.12	.20
(15).....	75.00	75.00	75.00
(16).....	60.00	60.00	75.00
(17).....	50.00	50.00	75.00
(18).....	175.00	175.00	200.00
(19).....	.09	.10	.05
(20).....	.04	.06	.08
(21).....	.32	.348	.32
(22).....	4.25	4.15	5.00
(23).....	4.75	4.50	5.00
(24).....	.14	.14	.10
(25).....	1.25	1.25	1.25
(26).....	.02	.03	.03
(27).....	.03	.04	.04

BIDS WANTED

LEWIS CO., Washington. — Until November 13, 10 a.m., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 1.325 mi. grading on the Mt. Ranier National Park Stevens Canyon Highway, Lewis County.

The principal items of work involved are:

(1) 4 A. clearing;
(2) 11 A. grubbing;
(3) 133,000 c.y. unclass. excav.;
(4) 140,000 sta. yds. overhaul;
(5) 1.325 mi. finishing earth graded road;
(6) 32,000 c.y. mi. overhaul;
(7) 3 A. roadside cleanup;
(8) 220 c.y. masonry in toe walls;
(9) 80 c.y. Class A concrete in wall footings;
(10) 120 c.y. masonry guard rail, Type 2;
(11) 12,000 lbs. reinforcing steel;
(12) 1,500 c.y. masonry retaining walls and head walls;
(13) 210 l.f. extra strength reinforced concrete pipe;
(14) 50 l.f. culverts (Alt.);
(15) 9,000 c.y. handlaid rock embankment, Type 2;
(16) 7,000 l.f. rounding cut slopes;
(17) Lump sum, extra and miscellaneous force account work.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until November 25, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.7 mile grading and paving with portland cement concrete in Los Angeles County on Atlantic Ave. between 68th St. in Long Beach and Olive Street.

The work involves:

(1) 37 sta. clear and grub right-of-way;
(2) 950 M. gals. water;
(3) 960 c.y. remove existing conc.;
(4) 2,500 c.y. rdwy. excav., unclass.;
(5) 300 c.y. struc. excav.;
(6) 400 c.y. ditch and channel excav.
(7) 49,400 c.y. imported borrow;
(8) 2,600 sta. yds. overhaul;
(9) 19,300 sq. yds. preparing subgrade;
(10) 37 sta. finishing rdwy.;
(11) 1,750 tons mineral agg. (plant-mix surface);
(12) 93 tons liquid asphalt SC-3 or SC-4 (plant-mix surf.);
(13) 11 tons liquid asph. SC-2 (prime coat);
(14) 3,850 c.y. Class A Portland cement concrete (pave.);
(15) 4 sections pave crossing device, (type A-20);
(16) 7,800 each pavement dowels;
(17) 19,100 lbs. bar reinf. steel (pave. and struc.);
(18) 75 c.y. Class A portland cement concrete (struc.);
(19) 5,100 lbs. steel rail assemblies;
(20) 8,100 lbs. misc. iron and steel;
(21) 120 l.f. 30-in. CMP;
(22) 670 c.y. Class A Portland cement concrete (curbs and gutters);
(23) 70 l.f. curb armor;
(24) 4 each adjusting manholes to grade;
(25) 1 lot relocating tracks.

NOTE: The State will furnish corrugated metal pipe, as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

LOS ANGELES CO.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at $21,110.75, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.3 mile grading and paving with portland cement concrete in Los Angeles County at the junction of Whittier and San Gabriel Blvds.

NOTICE TO BIDDERS

IMPERIAL COUNTY, Cal.—A representative of the district office will accompany prospective bidders over the proposed project in Imperial Co. between Mulberry Ave. and Calipatria, Road XI-Imp-187-D, for which bids are to be received in Los Angeles on November 19

Said representative will meet prospective bidders at Planters' Hotel, Brawley, Calif., on Thursday, Nov. 12, at 11 A. M.

Porspective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates

BIDS WANTED.

SAN FRANCISCO—Until November 18, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,795, for the improvement of the southerly intersection of Barneveld Ave. and Rickard St., and improvement of Rickard St. between Barneveld Ave. and San Bruno Ave. Estimated Cost, $1500.

The work involves:

(1) 140 c.y. grading (excavation)
(2) 1 brick catchbasin, complete
(3) 25 l.f. 10" V.C.P. culvert, in place.
(4) 132 l.f. armored concrete curb.
(5) 142 sq. ft. 2-course concrete sidewalk.
(6) 4,406 sq. ft. asphalt concrete

pavement, consisting of a 2-in. asphaltic concrete wearing surface on a 6" Class F concrete base.

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall, upon deposit of $10 cash.

BIDS WANTED

SAN FRANCISCO—Until November 18, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,992, for the improvement of Dearborn St. extension between Bird and 18th Streets. Estimated cost, $2,058.

The work involves:

(1) 6 c.y. unarmored concrete coping
(2) 360 c.y. excavation
(3) 300 l.f. unarmored concrete curb
(4) 3 brick catchbasins, complete
(5) 55 l.f. 10" V.C.P. culvert, in place
(6) 4,500 sq. ft. asphalt - concrete pavement
(7) 1100 sq. ft. 2-course concrete sidewalk
(8) 5 tons asphaltic concrete conform pavement
(9) 22 l.f. 8" V.C.P. sewer, in place

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall, upon deposit of $10 cash.

CONTRACT AWARDED

LOS ANGELES CO.—United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, at $156,859, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.6 miles grading and paving with asphalt concrete and plant-mixed surfacing in Los Angeles County, between Wilmington Blvd. and Alameda St. in the City of Los Angeles.

CONTRACT AWARDED

SAN DIEGO CO.—V. R. Dennis Constr. Co., 3911 Fifth Ave., San Francisco, at $96,796.25, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.1 miles of grading and paving with asphalt concrete and plant-mixed surfacing on Main St. in San Diego between Division and 32nd Sts.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Martin Bros. Trucking Co., 1389 Gladys Ave., Long Beach, at $46,436.90 was awarded contract by the Bureau of Public Roads, Federal Office Bldg., San Francisco, C. H. Sweetser, District Engineer, for 3.326 miles grading and placing selected material subgrade reinforcement on Section E of Route 73, the Laguna National Forest Highway, Cleveland National Forest, San Diego County.

CONTRACT AWARDED

HUMBOLDT CO., Calif. — George French, Jr., P.O. Box 107, Stockton, at $55,740.10, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Director, Carson City, for the construction of a portion of the state highway system in Humboldt County, within the City of Winnemucca, Third and Melarkey Sts., a length of approximately 0.66 mile.

Dodge Construction, Inc., Fallon, at $67,502.40, submitted second low bid.

Complete bids will be published shortly.

CONTRACT AWARDED

HUMBOLDT CO., Nevada—George French, Jr., P.O. Box 107, Stockton, at $1,357.70, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A.

SAN MATEO CO.—5.6 MI. GRADE & PAVE—(State)

SAN MATEO CO., Calif.—Basich Bros., 20530 South Normandie Ave., Torrance, at $340,785.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 5.6 miles grading and paving with asphalt concrete in San Mateo Co., between San Mateo and Redwood City.

The work involves:

(1) 294 sta. clear and grub right of way;
(2) 320 M. gals. water;
(3) 46,000 c.y. rdwy. excav., unclass.;
(4) 3,000 c.y. ditch and channel excavation;
(5) 1,600,000 sta. yds. overhaul;
(6) 5,000 c.y. imported borrow;
(7) 5,500 c.y. struc. excav.;
(8) 5,000 c.y. existing concrete, remove and dispose of;
(9) 14,000 sq. yds. planing existing pavement surface;
(10) 294 sta. finishing rdwy.;
(11) 21,000 tons crusher run base;
(12) 10,500 tons mineral agg. (plant-mix surf.);
(13) 525 tons liquid asphalt SC-4 (do)
(14) 53,500 tons asphalt concrete;
(15) 34,000 lbs. bar reinf. steel (pave. and struc.);
(16) 600 c.y. Class A Portland cement concrete (pave.);
(17) 1,300 each pavement dowels;
(18) 300 c.y. Class A Portland cement concrete (struc.);
(19) 735 c.y. Class A do (sidewalks, curbs and gutters);
(20) 840 l.f. 12-in. standard reinforced concrete pipe;
(21) 1,060 lf. 18-in. do;
(22) 1,300 l.f. 24-in. do;
(23) 320 l.f. 12-in. CMP;
(24) 100 l.f. 15-in. CMP;
(25) 1,450 l.f. 18-in. CMP;
(26) 30 l.f. 21-in. CMP;
(27) 220 l.f. 24-in. CMP;
(28) 1,073 l.f. existing CMP culverts, removed, cleaned and relaid:
(29) 354 l.f. existing CMP culverts, removed, cleaned and salvaged;
(30) 72 each culvert markers;
(31) 1.1 miles new property fence·
(32) 10 each drive gates;
(33) 14,000 sq. yds. asphaltic paint binder;
(34) 115 each monuments, complete, in place;
(35) 10 each brick catch basins;
(36) 0.23 mile existing fences, moved and reset;
(37) 25 ea. existing electrollers, move and reset;
(38) 50 each existing manholes, adjusted to grade;
(39) 50 each existing meter boxes, move and reset;
(40) 100 each exist. sewer vents, do;
(41) 2 each exist. traffic signals, do;
(42) 10 each exist. fire hydrants, do.

Total bids follow:

(A) Basich Bros., Torrance..$340,785.50
(B) Peninsula Paving Co., San Francisco 344,259.80
(C) Union Paving Co., San Francisco 348,737.50
(D) Hanrahan Co., S. F..... 354,838.40
(E) David H. Ryan, San Diego 384,163.50
(F) Eaton & Smith, S. F..... 393,364.70
(G) A. Teichert & Son, Inc., Sacramento 395,130.30

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	$ 10.00	$ 15.00	$ 30.00	$ 20.00	$ 20.00	$ 16.50	$ 45.00
(2).....	2.00	1.50	2.50	1.20	2.00	2.12	2.50
(3).....	.30	.40	.35	.42	.30	.43	.54
(4).....	.80	.60	.50	.80	1.50	.60	.60
(5).....	.004	.005	.003	.003	.004	.004	.004
(6).....	.40	.55	.60	1.00	.60	.60	.60
(7).....	1.25	1.00	1.30	.90	1.50	1.20	1.10
(8).....	1.50	1.50	2.00	1.80	2.25	1.21	2.50
(9).....	.06	.20	.14	.18	.10	.17	.15
(10).....	10.00	5.00	8.00	8.00	3.00	6.00	9.00
(11).....	1.80	1.60	2.00	1.99	2.75	2.28	2.05
(12).....	2.50	2.50	2.20	2.50	2.52	2.50	2.50
(13).....	13.00	14.00	12.50	12.00	13.00	12.00	14.00
(14).....	3.35	3.40	3.15	3.35	3.61	3.93	3.64
(15).....	.05	.05	.07	.05	.05	.06	.05
(16).....	10.50	10.50	10.00	10.00	9.00	10.70	12.00
(17).....	.13	.20	.20	.20	.20	.21	.20
(18).....	20.00	20.00	20.00	22.00	20.00	17.50	23.50
(19).....	18.00	14.00	16.00	16.00	14.00	14.50	19.00
(20).....	1.15	1.25	2.00	1.15	1.25	1.33	1.30
(21).....	2.20	2.00	3.00	2.00	2.00	2.45	2.25
(22).....	2.70	2.50	4.00	2.75	2.75	3.30	2.95
(23).....	1.40	1.10	1.50	1.15	1.65	1.30	1.30
(24).....	1.75	1.40	1.80	1.40	2.00	1.50	1.50
(25).....	2.00	1.60	2.00	1.60	2.30	1.90	1.75
(26).....	2.50	2.00	2.50	2.00	3.00	2.30	2.30
(27).....	2.80	2.50	3.00	2.50	3.50	2.90	2.70
(28).....	.70	.60	1.00	.60	1.00	.60	.60
(29).....	.60	.50	1.00	.40	1.00	.60	.50
(30).....	1.25	2.25	3.00	2.00	2.00	2.45	3.00
(31).....	750.00	700.00	800.00	750.00	700.00	600.00	750.00
(32).....	15.00	20.00	20.00	24.00	40.00	18.00	20.00
(33).....	.01	.02	.02	.02	.05	.01	.02
(34).....	3.00	3.00	3.00	3.00	2.50	3.00	3.00
(35).....	100.00	70.00	90.00	85.00	25.00	90.00	120.00
(36).....	200.00	1000.00	500.00	1800.00	500.00	1200.00	1800.00
(37).....	30.00	100.00	100.00	53.00	50.00	235.00	100.00
(38).....	10.00	10.00	15.00	12.00	15.00	12.00	15.00
(39).....	5.00	5.00	20.00	8.00	20.00	12.00	5.00
(40).....	5.00	5.00	20.00	8.00	10.00	12.00	5.00
(41).....	100.00	100.00	100.00	120.00	200.00	170.00	110.00
(42).....	10.00	20.00	50.00	100.00	50.00	50.00	60.00

UNITED MATERIALS & RICHMOND BRICK CO., Ltd.
Manufacturers of
RICHMOND RED PAVERS - RICHMOND RED PRESS BRICK
RICHMOND RUG BRICK - RICHMOND RED COLONIALE
FIRE BRICK - FIRE CLAY, ETC
Plant Phone, Richmond 226 San Francisco Phone. MArket 2770
PLANT AND OFFICE, PT. RICHMOND, CALIF., P. O. Box No. 7

Allen, State Highway Engineer, Carson City, for the construction of a portion of the highway system in Humboldt County, within the City of Winnemucca, Grioux Street, a length of approximately 0.06 mile.

Dodge Constr. Inc., Fallon, at $2,-058.60, submitted second low bid.

Complete bids will be published shortly.

CONTRACT AWARDED

NYE CO., Nevada.—George Pollock Co., Forum Bldg., Sacramento, at $35,879.64, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the highway system in Nye County, Route 8A, Section A1, between junction Route 4 and a point approximately 5 miles north, a length of approximately 5.01 mi.

Nevada Rock & Sand Co., Reno, at $39,104.59, submitted second low bid.

Complete bids will be published shortly.

LOW BIDDERS

SAN DIEGO CO., Calif.—Wood & Bevanda, P.O. Box 49, Stockton, at $399,214.70, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 7.9 mi. grading and paving and constructing bridges in San Diego County between Oceanside and Las Flores underpass.

The three low bids follow:

Wood & Bevanda, Stockton $399,214.70
Jahn & Bressi Constr. Co., Rice 416,909.50
David H. Ryan, San Diego.. 423,503.25

Complete bids will be published shortly.

BIDS OPENED

LOS ANGELES, Cal.—P. J. Akmadzich, 3028 Gilroy St., Los Angeles, at $176,792.78 submitted the only bid to D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, for resurfacing of trench on various pipe line units, PWA Docket 1929-R; Spec. X-64.

GRANT APPROVED

SAN MATEO, San Mateo Co., Cal. —As previously reported, the PWA has approved a grant of $19,898 to the City of San Mateo to aid in the construction of street and sewer improvements on Second, Third, Fifth, and Ellsworth Aves. Total cost is estimated at $44,219.

The work will consist of widening of Second and Third Avenues and Ellsworth St.; also additional sewer facilities on Third and Fifth Aves. It will include grading and removal of existing curbs and gutters; construction of combined concrete curb and gutters, concrete sidewalks, asphaltic concrete wearing surface, steel reinforced concrete basement entrance, complete, including moving and replacing steel doors; moving and resetting cast iron electrollers complete, including moving conduit and cable; removing and rebuilding catchbasins; moving and resetting fire hydrants; construction of 2,000 l.f. of 12-in. dia. vitrified clay pipe sanitary sewer, red burnt brick manholes, capped with cast iron frames and covers; construction of 315 l.r. 15-inch concrete pipe storm water sewers and 6-in. concrete base pavement with 2-inch asphaltic wearing surface over sewer trenches.

E. P. Wilsey, City Engineer.

BIDS WANTED

COCHISE CO., Ariz.—Until Nov. 17, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction of the Benson-Douglas Highway, F. A. 79-J Sched. 3 (1937) A.F.E. 8002. The work, wich extends from a point near Douglas City limits westerly about 1½ miles, consists of grading, draining and cutback plant mix, and is to be completed on or before April 15, 1937.

The principal items and approximate quantities are:

8,400 c.y. rdwy. excav.;
13,000 c.y. select material (CIP);
60 c.y. Class A concrete;
450 lbs. reinf. steel;
20 concrete catchbasins;
916 l.f. corru. metal pipe (3 sizes);
400 M. gals. sprinkling;
160 hours rolling;
1,200 sq. yds. removal of concrete pavement;
5,400 tons plant mix;
590 tons plant mix seal coat;
280 tons cutback asphalt;
1,170 l.f. constructing joints in old pavement;
500 tons stockpiling plant mix;
1 lump sum, salvaging and relaying oil cake.

Certified or cashier's check, 5%, must accompany bid. T. S. O'Connell, State Highway Engineer.

BIDS OPENED

LONG BEACH, Cal.—Sully-Miller Contr. Co., 1500 W 7th St., Long Beach, at $55,769.56 submitted low bid to R. M. Dorton, City Manager, City Hall, Long Beach, for improving Anaheim St. bet. Daisy and Orange Aves., and portions of Anaheim St. from Elm Ave. to California Ave., and Atlantic Ave. with 11th St. to Anaheim St., in accordance with Spec. No. R-890.

Total bids follow:

(A) Sully-Miller Contr. Co., $55,769.-56.
(B) Griffith Co., L. A., $56,726.18.

BIDS OPENED

SAN FRANCISCO.—D. C. McCabe, 74 New Montgomery St., at $295, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 5022, for the removal of three cypress trees from roadway of 19th St., between Corbett Ave. and Market Street.

The other bids were:
Thos. Gallagher—$440.
M. Bertolino—$475.
Chas. L. Harney—$570.

BIDS WANTED

LEWIS and Pierce Cos., Wash.—Until November 18, 10 A. M., bids will be received by the Bureau of Public Roads, 316 New Postoffice Bldg., Portland, W. H. Lynch, District Engineer, for approximately 7.-889 miles guard rail, resloping and slope stabilization on the West Entrance-Paradise Inn Road, Mt. Rainier National Park, Lewis and Pierce Counties.

The principal items of work involved are:

(1) 3 acres clearing;
(2) 43,100 c.y. unclass. excav.;
(3) 60,000 c.y. mi. overhaul;
(4) 3,300 l.f. rounding cut slopes (8');
(5) 100 c.y. masonry guard rail (type 2);
(6) 294 l.f. CGMP;
(7) Lump sum, extra and miscellaneous force account work.

Plans and specifications obtainable from the above office upon deposit of $10.00.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on November 18, and in Los Angeles on November 19, 1936:

III-Nev-Pla-37-B,C,G—Bet. ½ mile west of Soda Springs and Donner Summit. Bids to be opened Nov. 18: PLANS (No. of Sheets), 24; cost, $2.40; CROSS-SECTIONS (No. of Sheets), 91; cost, $9.10; total, $11.50.

VII-Ora-175-B—Bet. Dowling Ave. and Linda Vista Street. Bids to be opened Nov. 19: PLANS (No. of Sheets), 13; cost, $1.30; CROSS-SECTIONS (No. of Sheets), 24; cost, $2.40; total, $3.70.

XI-Imp-187-D—Bet. Mulberry Ave. and Calipatria. Bids to be opened Nov. 19: PLANS (No. of Sheets), 20; cost $2.00; CROSS-SECTIONS (No. of Sheets), 87; cost, $8.70; total, $10.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P.O. Box 1499, Sacramento.

CONTRACT AWARDED

PIERCE CO., Washington.—Warren Northwest, Inc., P.O. Box 5072,

For

Perfect Light Control - Perfect Ventilation

VENETIAN BLINDS

Three Grades

WALCO PEERLESS REGAL

Manufactured By

D.N.&E. WALTER & CO.

ESTABLISHED 1858

562-72 MISSION STREET SAN FRANCISCO

Portland, at $52,768, awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for 12.302 mi. bituminous retread and seal in Mt. Rainier National Park, on the West Entrance-Paradise Inn Road (West Entrance Nisqually Glacier Bridge Section), Pierce County.

30—RESERVOIRS & DAMS

TO ASK BIDS

SEATTLE, Washington.—Bids will be asked in about six weeks by the City of Seattle for clearing the site and for construction of the Ruby Dam on Skagit River. The clearing of the site, involving about 2,000 acres, is estimated at approximately $300,000. The dam will be 290 ft. in length and constructed to elevation 1390, and will cost about $4,380,000.

A transmission line to cost $2,000,000 and a substation to cost $845,0000 will be advertised for bids later.

A grant of $3,000,000 to aid in financing the project was recently approved by the PWA.

LOW BIDDERS

MILK RIVER PROJ., Montana.—Wachter, O'Neill & McGarry Bros., Bismarck, North Dakota, at $980,804 submitted low bid to the Bureau of Reclamation, H. H. Johnson, Superintendent, Malta, Mont., under Spec. No. 692, for construction of the Fresno Dam, Milk River Project.

Tomlinson Arkwright, Great Falls, at $1,195,937 submitted second low bid.

The work is located near Fresno, Montana, and the principal items of work involved are:

(1) 184,000 c.y. stripping;
(2) 521,400 c.y. all classes open-cut excavation;
(3) 1,975,000 c.y. excavation, common, from borrow pits;
(4) 36,000 c.y. excavation, rock, from borrow pits;
(5) 4,500 c.y. tunnel excavation;
(6) 6,000 c.y. backfill;
(7) 1,725,000 c.y. earth fill in embankment;
(8) 147,000 c.y. rock fill on downstream slope of dam embankment;
(9) 50,100 c.y. riprap;
(10) 420 c.y. porous concrete under floor of spillway stilling basin;
(11) 1,100 c.y. concrete in tunnel lining;
(12) 12,905 c.y. concrete in other structures;
(13) 1,200 sq. yds. special finish concrete surfaces;
(14) 8,050 c.ft. pressure grouting;
(15)1,450 c.y. grouted paving;
(16) Placing 1,730,000 lbs. reinforcement bars;
(17) Drilling 2,200 l.f. grout and weep holes;
(18) Constructing 8,375 l.f. sewer-pipe drains;
(19) Laying 5,800 l.f. corrugated metal perforated pipe;
(20) Erecting 40 MFBM timber in pump sumps and shafts;
(21) Driving 7,000 lbs. steel sheet-piling;
(22) Furnishing and installing 115,000 lbs. steel tunnel liner plates;
(23) Installing 571,200 lbs. metalwork;
(24) Installing 650 l.f. electrical metal conduit;
(25) Installing 1,400 l.f. metal sealing strips.

Work shall be commenced within 30 calendar days and completed within 1,100 calendar days from the date of receipt of notice to proceed.

FUNDS AVAILABLE

LOS ANGELES.—Major Theodore Wyman, Jr., U.S. District Engineer, Army Engineer Corps, Los Angeles, has announced that the federal government is ready to make available for flood control work on Verdugo Wash, Ballona Creek and Compton Creek $800,000, provided that the county will match the allocation with $200,000. The $800,000 is in addition to the $785,000 already in the hands of the army engineers.

31—PIPE LINES & WELLS

BIDS OPENED

OGDEN RIVER PROJECT, Utah.—Dan Teters & Co., P.O. Box 562, Riverside, at $33,425, submitted low bid to the Bureau of Reclamation, J. A. Iakisch, Constr. Engineer, Ogden, under Spec. No. 847-D, for construction of the Ogden Canyon siphon, South Ogden highline canal, Ogden River Project.

Complete total bids follow:

(A) Dan Teters & Co., Riverside $33,425.00
(B) J. A. Terteling & Sons, Boise 48,835.00
(C) Olson Mfg. Co., Boise ... 74,691.00
Bids held under advisement.

The work is located near Ogden and the principal items of work involved are:

(1) 960 c.y. all classes of open-cut excavation;
(2) 140 c.y. excavation in tunnels for anchorages;
(3) 150 c.y. backfill;
(4) 175 c.y. concrete;
(5) Placing 4,300 lbs. reinf. bars;
(6) Drilling 80 l.f. holes for anchor bars;
(7) Installing 1,200 lbs. gates and gate hoists;
(8) Erecting the suspension bridge;
(9) Erecting the plate-steel siphon pipe.

Work shall be commenced within 30 calendar days and completed within 175 calendar days from date of receipt of notice to proceed

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS UNDER ADVISEMENT

JACKSON, Amador Co., Calif.—All bids received by the Jackson City Council, October 26, for construction of a sewage treatment plant, intercepting and outfall sewers, are being held under advisement.

Total bids, for items 1 to 20, inclusive (omitting work which may be deferred), follow:

Oakland Sewer Constr. Co., 9915 Walnut St., Oakland....$81,098.04
Lord & Bishop, Sacramento.. 84,506.50
R. B. McNair, Oakland..... 93,349.00

A recommendation will be made to the PWA next week.

CONTRACT AWARDED

WATSONVILLE, Santa Cruz Co., Calif.—Granite Const. Co., Bin No. 9, Watsonville, at $1,597 submitted low bid and awarded contract by the Watsonville City Council, H. B. Kitchen, City Engineer, for the construction of a storm sewer in Montecito and Montevista Avenues, to drain the Watsonville Heights Dist.

The work involves:

(1) 4 catchbasins;
(2) 4 sewer manholes;
(3) 1,000 l.f. 12-in. concrete pipe;
(4) 40 l.f. 12-in. corru. iron pipe.

A. Soda & Son, Oakland, at $2,416 submitted the only other bid.

BIDS OPENED

SAN JACINTO, Riverside County, Cal.—J. C. Hickey, 320 S. Palm Dr., Alhambra, at $22,857.05 submitted the low bid to the San Jacinto city council, October 30, for the construction of a sewage collection system for the City of San Jacinto, in accordance with plans and specifications prepared by Koebig & Koebig, engineers, 820 Rowan Bldg., Los Angeles.

The bid was:

9415 ft. 8-in. vit. pipe at $1 ft.;
1098 ft. 10-in. do at $1.20 ft.;
4025 ft. 12-in. do at $1.30 ft.;
185 8x6 wye branches at $1 each;
19 10x6 wye branches at $2 each;
175 12x6 wye branches at $2 each;
24 manholes at $100 each;
16 junction chambers at $100 each;
379 caps for wye branches at 5c ea.
1750 ft. 2-in. galv. iron pipe at 40c ft.
Resurfacing over excavation, lump sum.

Bennett and Taylor, 1041 Venice Blvd., Los Angeles, submitted the low bid on the sewage disposal plant, Schedule B, at approximately $13,000.

The bids were referred to the engineer for tabulation and report.

AWARDS RECOMMENDED

SAN JACINTO, Riverside Co., Cal.—J. C. Hickey, 320 S. Palm Drive, Alhambra, submitted low bid to the San Jacinto city council, Oct. 30, at $22,857.05 for the construction of a sewage collection system for the City of San Jacinto, in accordance with plans and specifications prepared by Koebig & Koebig, engineers, 820 Rowan Bldg., Los Angeles.

The contract tentatively awarded pending PWA approval.

The other bids were:

John Granovich & Co., $23,915.59; Sutalo & Ramljak, $27,499; S. M. Milovich, $28,137.28.

Bennett and Taylor, 1041 Venice Blvd., Los Angeles, submitted low bid on the sewage disposal plant, Schedule B, at approximately $13,000.

The contract tentatively awarded pending approval.

The other bids were:

S. M. Milovich—$6825 (bidder will only accept award of both plant and sewer system).

J. C. Hickey—$15,000.

Hoagland Engr. & Const. Co.—$17-870.00.

SAN DIEGO CO.—7.9 MI. GRADE, PAVE & BRIDGES—(STATE)

SAN DIEGO CO., Calif.—Wood & Bevanda, P.O. Box 49, Stockton, at $399,214.70, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 7.9 miles grading and paving and constructing bridges in San Diego County, between Oceanside and Las Flores underpass.

The work involves:

(1) 7,350 M. gals. water;
(2) 186,300 c.y. roadway excav., unclassified;
(3) 2,350 c.y. structure excav.;
(4) 59,000 c.y. imported borrow;
(5) 1,450,000 sta. yds. overhaul;
(6) 109,500 sq. yds. preparing subgrade;
(7) 2,790 c.y. existing concrete removed and disposed of;
(8) 420 stations finishing roadway;
(9) 6,000 tons crusher-run base;
(10) 6,660 tons mineral aggregate (plant-mixed surfacing);
(11) 335 tons liq. asph., MC-5 or MC-

Extra Heavy (plant-mixed surfacing);
(12) 16 tons liq. asph., MC-2 (prime coat);
(13) 50 tons asphaltic emulsion;
(14) 1,400 c.y. salvaging and relaying plant-mixed surfacing;
(15) 780 tons liq. asph., SC-2 (road-mix surface treatment);
(16) 93,000 sq. yds. preparing, mixing and shaping shoulders, gutter slopes, and dikes (road-mix surface treatment);
(17) 14,975 tons asphalt conc. (base and leveling course);
(18) 6,810 tons asph. conc. (type "A" surface);
(19) 8,560 c.y. class A portland cement concrete (pavement);
(20) 21,150 each, pavement dowels;
(21) 305,000 lbs. bar reinf. steel (pavement and structures);
(22) 850 sq. yds. mesh reinforcement;
(23) 1,712 c.y. class A portland cement concrete (structures);
(24) 23 c.y. class A portland cement concrete (bridge railing);
(25) 15 c.y. class A portland cement concrete (footing blocks);
(26) 41,500 lbs. struct. steel;
(27) 2,376 lbs. cast steel (rockers and bearings);
(28) 880 l.f. furnishing treated Douglas fir piles;
(29) 22 each, driving treated Douglas fir piles;
(30) 930 l.f. conc. piles, including test piles;
(31) 27 each, driving conc. piles, including test piles;
(32) 350 l.f. temporary bridge railing;
(33) 6 each, clearance markers;
(34) 100 c.y. class A portland cement concrete (ditch lining);
(35) 76 l.f. 18-in. Std. reinf. concrete pipe;
(36) 20 l.f. 30-in. Std. reinf. concrete pipe;
(37) 542 l.f. 8-in. CMP;
(38) 630 l.f. 18-in. CMP;
(39) 296 l.f. 24-in. CMP;
(40) 134 l.f. 30-in. CMP;
(41) 32 l.f. 36-in. CMP;
(42) 80 l.f. 42-in. CMP;
(43) 23 each, spillway assemblies;
(44) 900 l.f. 8-in. perforated metal pipe (underdrains);
(45) 170 c.y. rock filling material;
(46) 605 l.f. cleaning and salvaging existing pipe culverts;
(47) 271 l.f. cleaning and relaying pipe culverts;
(48) 6 each, removing and reinstalling embankment protectors;
(49) 25 c.y. class A portland cement concrete (curbs);
(50) 8,700 l.f. laminated guard railing;
(51) 2,400 l.f. removing and resetting laminated guard railing;
(52) 44 each, culvert markers;
(53) 11 each, guide posts;
(54) 49 each, removing and resetting existing guide posts and culvert markers;
(55) 9 miles new property fence;
(56) 7 miles removing and salvaging existing property fence;
(57) 14 each, drive gates;
(58) 68 each, monuments, complete, in place;
(59) 11 each, cast steel frames and covers for drop inlets;
(60) 4 each, adjusting manholes to grade;
(61) Lump sum, removing and disposing of existing bridge;
(62) 1 lot misc. items of work.

Total bids follow:

(A) Wood & Bevanda—$399,214.70.
(B) Jahn & Bressi Constr. Co., Inc., Los Angeles—$416,909.50.
(C) David H. Ryan, San Diego—$423,503.25.
(D) Heuser & Garnett, Glendale—$428,054.65.
(E) Basich Bros., Torrance—$430,-648.76.
(F) Griffith Co., Los Angeles—$431,-545.68.
(G) V. R. Dennis Constr. Co., San Diego—$435,906.85.
(H) Oswald Bros., Los Angeles—$441,613.75.
(I) J. E. Haddock, Ltd., Pasadena—$457,630.60.
(J) D. W. Thurston, Los Angeles—$553,562.70.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ 2.00	$ 1.00	$ 1.20	$ 2.40	$ .70	$ .90	$ 1.25	$ 2.25	$ 2.00	$ 2.00
(2)	.24	.33	.25	.25	.32	.33	.31	.30	.29	.29
(3)	1.00	1.00	1.25	1.30	1.25	2.00	1.50	1.50	1.50	2.00
(4)	.35	.30	.33	.40	.32	.36	.31	.35	.42	.47
(5)	.005	.005	.0025	.004	.005	.005	.008	.007	.005	.0075
(6)	.10	.10	.09	.12	.09	.11	.10	.11	.12	.12
(7)	2.00	1.50	1.70	2.80	2.00	3.60	3.85	2.75	2.50	2.75
(8)	5.00	10.00	6.00	5.00	15.00	12.00	6.00	3.50	10.00	7.00
(9)	2.00	2.50	2.75	1.50	1.50	2.35	2.60	2.75	2.50	3.00
(10)	2.50	3.00	2.70	3.00	2.54	2.60	2.50	2.85	3.20	3.15
(11)	18.00	17.00	18.00	18.00	17.20	17.00	17.25	16.00	16.50	17.50
(12)	18.00	20.00	20.00	30.00	28.60	27.00	30.00	27.50	28.00	21.75
(13)	18.00	40.00	20.00	30.00	30.00	27.00	37.50	28.00	30.00	23.00
(14)	1.00	1.25	2.00	1.90	1.05	.70	1.45	1.10	1.10	1.75
(15)	10.00	9.50	10.00	9.00	8.70	8.00	9.75	9.00	8.50	21.00
(16)	.08	.05	.05	.06	.08	.05	.05	.05	.06	.10
(17)	3.60	3.75	3.97	3.75	4.00	3.66	3.70	3.75	4.00	5.00
(18)	3.80	4.00	4.36	4.00	4.25	3.66	3.95	4.15	4.30	5.40
(19)	8.00	8.00	7.95	8.50	8.41	8.50	8.80	8.75	8.90	10.50
(20)	.15	.15	.15	.13	.12	.13	.15	.11	.12	.15
(21)	.05	.045	.058	.06	.055	.046	.05	.05	.05	.05
(22)	.40	.35	.42	.40	.30	.40	.40	.40	.50	.40
(23)	18.00	19.00	24.00	21.00	22.00	22.00	21.50	22.50	25.00	24.00
(24)	75.00	60.00	65.00	65.00	60.00	60.00	60.00	55.00	60.00	50.00
(25)	18.00	18.00	29.50	23.00	12.00	20.00	25.00	20.00	23.00	16.50
(26)	.025	.03	.025	.02	.0225	.02	.025	.025	.021	.02
(27)	.25	.15	.20	.15	.20	.23	.20	.15	.20	.15
(28)	.90	.70	.87	.80	.85	.75	.80	.75	.78	1.75
(29)	20.00	30.00	26.00	20.00	25.00	25.00	12.00	25.00	25.00	50.00
(30)	3.00	2.25	3.85	2.90	4.50	2.50	2.00	2.50	3.50	3.00
(31)	25.00	100.00	47.00	32.00	50.00	100.00	23.00	50.00	50.00	75.00
(32)	1.00	1.50	1.50	1.25	1.00	1.50	1.75	1.00	1.00	3.00
(33)	3.00	15.00	10.00	6.50	6.00	12.00	8.00	10.00	5.00	2.50
(34)	15.00	12.00	22.50	18.00	15.00	20.00	14.50	16.00	17.00	18.00
(35)	3.00	2.60	2.50	3.00	2.30	2.50	2.30	2.50	2.25	6.00
(36)	6.00	6.00	4.00	5.00	4.55	5.00	4.40	5.00	4.25	9.00
(37)	1.00	1.00	1.60	1.00	1.10	1.00	2.20	1.00	1.00	1.25
(38)	1.80	1.75	3.15	2.00	1.88	1.80	1.80	1.75	1.70	2.20
(39)	2.75	2.75	4.50	3.00	2.76	2.50	2.75	2.60	2.50	3.30
(40)	3.50	3.50	6.05	3.50	3.35	3.20	3.40	3.25	3.25	4.10
(41)	4.50	6.00	8.80	5.00	4.85	5.00	5.30	5.00	5.00	5.05
(42)	5.50	7.50	11.20	6.00	6.00	6.00	6.30	6.00	6.00	7.80
(43)	15.00	15.00	17.70	15.00	15.00	15.00	16.00	17.00	15.00	16.50
(44)	1.50	1.00	1.60	1.00	1.10	1.00	1.00	1.00	1.00	1.40
(45)	3.00	2.50	2.00	2.00	3.00	4.00	2.75	3.50	2.00	2.00
(46)	1.00	.50	.50	1.00	.50	1.20	.60	.60	1.50	1.00
(47)	1.00	1.00	1.00	1.00	.75	2.00	1.25	1.00	2.00	1.50
(48)	10.00	10.00	8.00	7.00	5.00	7.00	6.00	15.00	10.00	3.00
(49)	15.00	15.00	20.00	14.00	15.00	18.00	16.50	15.00	15.00	16.50
(50)	1.00	1.00	1.00	1.25	1.25	.90	1.00	.90	1.00	1.50
(51)	.50	.50	.60	.75	.90	.65	.50	.60	.80	1.00
(52)	3.00	2.50	1.50	2.50	1.25	2.00	2.00	2.25	2.50	3.00
(53)	3.00	2.50	1.50	2.50	1.00	2.00	1.75	2.00	2.00	2.50
(54)	1.50	1.50	1.00	1.50	1.00	1.20	1.00	1.00	2.00	1.00
(55)	450.00	500.00	500.00	700.00	700.00	600.00	500.00	700.00	600.00	700.00
(56)	100.00	200.00	100.00	65.00	200.00	130.00	75.00	100.00	250.00	125.00
(57)	20.00	20.00	30.00	18.00	16.00	30.00	45.00	20.00	20.00	60.00
(58)	3.00	2.50	5.00	3.00	3.00	2.00	3.00	2.50	3.00	3.00
(59)	40.00	35.00	60.00	40.00	40.00	40.00	35.00	40.00	35.00	25.00
(60)	25.00	25.00	25.00	10.00	20.00	20.00	5.00	20.00	25.00	15.00
(61)	6000.00	7500.00	8260.00	4000.00	6500.00	8000.00	8400.00	7000.00	6000.00	15000.00
(62)	1000.00	750.00	900.00	1200.00	1000.00	800.00	3000.00	1000.00	2000.00	2750.00

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

WATSONVILLE, Santa Cruz Co., Cal.—Until November 10, 7:30 P. M., bids will be received by the Watsonville City Council, M. M. Swisher, City Clerk, City Hall, 268 Main St., Watsonville, for the construction of a storm sewer to drain the portion of Lincoln St. between Bridge St. and the Pajaro River.

Plans and specifications obtainable from the office of City Engineer H. B. Kitchen, City Hall.

BIDS OPENED

SAN FRANCISCO.—Mills Constr. Co., Russ Bldg., at $3,844, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,972, for the reconstruction of a sewer in Seacliff Ave., between 26th and 27th Aves., involving:

(1) 128 l.f. 24-in. cast-iron pipe sewer in place;
(2) Furnishing and placing one set of 26 cast-iron grate bars.

Complete bids follow:

Mills Constr. Co.—(1) $28; (2) $260; total, $3,844.
Eaton & Smith—(1) $35; (2) $10; total, $4,490.
Martin Murphy—(1) $36; (2) $120; total, $4,728.

33— WATER WORKS

NO BID RECEIVED

YERBA BUENA SHOALS, Cal.—No bids were received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-52, for boring holes on the Yerba Buena Shoals Projects, involving 1,000 feet of borings, up to a maximum of 60-ft. each.

The work will be re-advertised.

BIDS WANTED

LOS ANGELES.—Until Nov. 12, 2 p.m., bids will be received by D. P. Nicklin, purchasing agent, Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing labor, transportation, services and some miscellaneous materials for the installation of 12-in., 8-in. and 6-in. cast-iron water supply mains in San Fernando Valley. Spec. X-74. P. W. A. Docket 1929-R. Unit Nos. 9-b-21, inclusive. Specifications may be obtained from the above office upon deposit of $10.

CONTRACTS AWARDED

LOS ANGELES.—Contracts for furnishing pump discharge valves, Spec. 165, were awarded by the Metropolitan Water District, as follows:

S. Morgan Smith, York, Pa.—Nine valves at $219,075.

Pelton Water Wheel Co., San Francisco—Six valves at $138,994.

BIDS WANTED

LOS ANGELES.—Until November 16, 2 p.m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, room 740, 207 S. Broadway, for the installation of 24-in. and 16-in. cast-iron water supply main on Venice Blvd., from Overland Ave. to Pacific Ave., PWA Docket 1929-R, Unit Nos. 81 and 82.

BIDS OPENED

BURIEN, Wash.—Pacific Waterworks Supply Co., Atlantic St. Dock, Seattle, at $83,961 submitted low bid to the Board of Commissioners of Water District No. 49 of King County, by H. D. Van Eaton, State Su-

SAN FRANCISCO—University Mound Reservoir—(City)

SAN FRANCISCO.—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., at $692,916 on Schedule "B" (using ordinary weight concrete throughout) submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 111, for the construction of concrete lining, roof and control works for the University Mound Reservoir.

Clinton Constr. Co., at $722,717 submitted low bid on Schedule "A".

The contractor shall construct the concrete lining, roof and control works for the University Mound Reservoir basin which is located in the area bounded by Bacon, University, Bowdoin and Woolsey Streets, and is adjacent to the southerly side of the reservoir now in use. The contract does not include the excavation and embankment which were completed under a separate contract.

The work will include preparing the bottom surface and trimming the inner slopes and crest of the existing excavated reservoir basin; placing the concrete lining; constructing the concrete roof, inlet-and-outlet conduit and tower, spillway, and elevated sidewalk structure on Bacon Street; furnishing and installing slide gates, flap gate and special castings in the tower; furnishing and installing a traveling water screen complete with pumps, piping and electrical equipment; furnishing and installing welded steel pipe and concrete pipe with certain appurtenances; installing certain valves, piping and fittings furnished by the City; regrading and paving Bacon Street; constructing a woven-wire fence around the reservoir, etc.

Bids were taken under alternate propositions as follows:

Proposition "A": using light-weight concrete for girders, joists and roof slab only; and ordinary weight concrete for all other concrete work.

Proposition "B": using ordinary-wt. concrete throughout.

The work involves:

Item	Unit	Proposition A	Proposition B
(1) Trimming inner slopes and crest	Sq. Yd.	15,000	15,000
2) Preparation of reservoir bottom	Lp. Sum	Lp Sum	Lp. Sum
(3) Structure excavation in earth	Cu. Yd.	1,880	2,000
(3a) Structure excavation in rock	Cu. Yd.	550	565
(4) Concrete in reservoir lining, column footings, coping and roof gutter, and abutments and footings for elevated sidewalk struc.	Cu. Yd.	11,440	12,900
(5) Concrete in columns, inlet and outlet conduit and tower, and elevated sidewalk structure with supporting walls	Cu. Yd.	2,700	3,090
(6) Concrete in rof slab, joists and girders	Cu. Yd.	9,000	9,430
(7) Concrete in sidewalk retaining walls and parapet wall for elevated sidewalk	Cu. Yd.	80	80
(8) Concrete in spillway	Cu. Yd.	160	160
(9) Concrete in junction boxes and other subsurface structures	Cu. Yd.	20	20
(10) Extra cement	Barrel	400	400
(11) Furnishing and placing steel reinforcing bars	Pound	3,200,000	3,500,000
(12) Do welded wire fabric	Sq. Yd.	55,000	55,000
(13) Do flexible couplings	Each	1	1
(14) Do slide gates and flap gate	Lp. Sum	Lp Sum	Lp. Sum
(15) Do traveling water screen, centrifugal pump and elec. equip.	Lp. Sum	Lp Sum	Lp. Sum
(16) Do cast steel fittings	Pound	25,000	25,000
16a) Do cast iron fittings and flanged cast iron pipe	Pound	10,000	10,000
(16b) Do pipe handrails and wrought steel pipe	Pound	11,000	11,000
(16c) Do structural steel shapes and plates	Pound	75,000	75,000
(16d) Do miscellaneous metal work	Pound	6,600	6,600
(17) Installing gate valves furnished by the City	Pound	62,000	62,000
(17a) Installing cast iron bell and spigot pipe & misc. metal work furnished by the City	Pound	74,000	74,000
(18) Furnishing and laying 60-in. dia. welded steel pipe of ⅜-in. plate lin. ft.	Lin. Ft.	1,475	1,475
(19) Furnishing and installing steel pipe specials	Pound	27,000	27,000
(20) Do beveled courses for curved sections in 60-in. ⅜-in. welded steel pipe	Each	35	35
(21) Apply. bituminous enamel protective coating and lining to steel pipe	Sq. Yd.	50,000	50,000
(22) Applying felt wrapping on steel pipe	Sq. Ft.	16,000	16,000
(23) Excavation and backfill for the pipe trenches in earth	Cu. Yr.	2,600	2,600
(24) Do for pipe trenches in rock	Cu. Yd.	1,700	1,700
(25) Stand backfill for excavations	Cu. Yd.	600	600
(26) Repavement	Sq. Ft.	450	450
(27) Regrading Bacon St. and preparation of subgrade	Cu. Yd.	800	800
(28) Paving Bacon Street	Sq. Ft.	22,500	22,500
(29) Constructing concrete sidewalks	Sq. Ft.	8,500	8,500
(30) Constructing comb. curb-and-gutter	Lin. Ft.	1,750	1,750
(31) Furnishing and laying 30-in. reinforced concrete pipe	Lin. Ft.	40	40

(32) Furnish and install wire fence	Lp. Sum	Lp Sum	Lp. Sum
(33) Furnish and install roof screens	Lp. Sum	Lp Sum	Lp. Sum
(34) Drilling grout holes	Lin. Ft.	200	200
(35) Grouting	Sack Cem.	200	200

Total bids follow:

(I) MacDonald & Kahn Co., Ltd., San Francisco, (Schedule "A") $732,-216; (Schedule "B") $692,916.

(II) C. W. Caletti & Co., San Rafael (A) $.....; (B) $693,891.00.

(III) Eaton & Smith, San Francisco, (A) $742,436.40; (B) $704,363.60.

(IV) Clinton Const. Co., San Francisco, (A) $722,717.00; (B) $708,-805.00.

(V) Bates & Rogers Const. Co., San Francisco, (A) $768,22.25; (B) $751,795.75.

(VI) Barrett & Hilp, San Francisco, (A) $794,990.00; (B) $775,872.00.

Unit bids follow:

	(I) Sch. A	(I) Sch. B	(II) Sch. B	(III) Sch. A	(III) Sch. B
(1)	$ .34	$ .34	$ .74	$ .24	$ .44
(2)	4500.00	4500.00	9000.00	4906.00	4906.00
(3)	2.80	2.80	3.50	1.23	1.23
(3a)	4.60	4.60	5.00	2.50	2.50
(4)	9.70	9.70	11.25	14.90	14.90
(5)	17.40	16.40	17.90	19.20	18.20
(6)	31.00	23.30	21.75	23.63	15.87
(7)	29.30	29.30	30.00	22.00	22.00
(8)	22.30	22.30	20.00	20.00	20.00
(9)	18.80	18.80	25.00	21.00	21.00
(10)	2.00	2.00	2.00	2.50	2.50
(11)	.04	.04	.04	.048	.048
(12)	.50	.50	.50	.56	.56
(13)	130.00	130.00	200.00	134.00	134.00
(14)	7980.00	7980.00	8000.00	7100.00	7100.00
(15)	7410.00	7410.00	7000.00	8300.00	8300.00
(16)	.24	.24	.20	.25	.25
(16a)	.13	.13	.10	.11	.11
(16b)	.25	.25	.20	.25	.25
(16c)	.14	.14	.11	.13	.13
(16d)	.40	.40	.25	.21	.21
(17)	.035	.035	.03	.025	.025
(17a)	.035	.035	.01	.037	.037
(18)	17.80	17.80	16.00	17.60	17.60
(19)	.27	.27	.22	.25	.25
(20)	40.00	40.00	70.00	110.00	110.00
(21)	.12	.12	.12	.12	.12
(22)	.045.	.045	.05	.05	.05
(23)	1.70	4.00	1.00	.50	.50
(24)	4.50	1.00	3.00	.62	.62
(25)	1.70	1.70	2.00	1.23	1.23
(26)	.30	.30	.40	.31	.31
(27)	1.20	1.20	1.50	.75	.75
(28)	.24	.24	.20	.22	.22
(29)	.18	.18	.15	.13	.13
(30)	.90	.90	1.25	.75	.75
(31)	11.50	11.50	3.00	.31	5.00
(32)	3465.00	3465.00	1400.00	4100.00	4100.00
(33)	2736.00	2706.00	1000.00	1080.00	1080.00
(34)	2.85	2.85	1.50	1.25	1.25
(35)	1.15	1.15	1.00	1.25	1.25

	IV Sch. A	IV Sch. B	V Sch. A	V Sch. B	VI Sch. A	VI Sch. B
(1)	.64	.64	.61	.61	.80	.80
(2)	6300.00	6300.00	8120.00	8120.00	12300.00	12300.00
(3)	2.30	2.30	1.25	1.25	1.15	1.15
(3a)	5.00	5.00	2.80	2.80	4.00	4.00
(4)	11.60	11.70	11.15	11.10	13.00	13.00
(5)	19.20	18.20	20.35	20.35	21.00	21.00
(6)	25.70	20.50	30.85	24.90	32.00	25.80
(7)	23.00	23.00	33.00	35.00	30.00	30.00
(8)	17.50	17.50	24.10	24.10	21.00	21.00
(9)	18.50	18.50	27.40	27.40	25.00	25.00
(10)	2.50	2.50	2.00	2.00	2.75	2.75
(11)	.045	.045	.042	.042	.04	.04
(12)	.53	.53	.485	.485	.50	.50
(13)	100.00	100.00	160.00	160.00	150.00	150.00
(14)	9600.00	9600.00	8450.00	8450.00	7600.00	7600.00
(15)	8000.00	8000.00	8715.00	8715.00	7600.00	7600.00
(16)	.19	.19	.27	.27	.27	.27
(16a)	.11	.11	.28	.28	.12	.12
(16b)	.20	.20	.285	.285	.23	.23
(16c)	.13	.13	.171	.171	.12	.12
(16d)	.34	.34	.27	.27	.23	.23
(17)	.01	.01	.027	.021	.04	.04
(17a)	.02	.02	.022	.022	.035	.035
(18)	18.00	18.00	18.70	18.70	16.00	16.00
(19)	.24	.24	.27	.27	.25	.25
(20)	60.00	60.00	91.95	91.95	130.00	130.00
(21)	.13	.13	.11	.11	.12	.12
(22)	.05	.05	.044	.044	.05	.05
(23)	.70	.70	1.55	1.55	1.50	1.55
(24)	1.50	1.50	3.80	3.08	3.00	3.00
(25)	1.20	1.20	3.95	3.95	1.50	1.50
(26)	.30	.30	.38	.38	.30	.30
(27)	.85	.85	1.45	.27	1.10	1.10
(28)	.25	.25	.205	.205	.25	.25
(29)	.17	.17	.15	.15	.16	.16
(30)	1.00	1.00	1.22	1.22	1.00	1.00
(31)	16.00	16.00	11.10	11.10	7.00	7.00
(32)	3600.00	3600.00	3350.00	3350.00	3500.00	3500.00
(33)	1600.00	1600.00	280.00	280.00	2500.00	2500.00
(34)	6.00	6.00	1.25	1.25	2.50	2.50
(35)	3.50	3.50	1.55	1.55	2.50	2.50

pervisor of Purchasing, Insurance Bldg., Olympia, for furnishing approximately 107,360 ft. of wrapped sheet steel pipe, together with 400 ft. of galvanized wrought steel pipe, miscellaneous valves, valve boxes, and fittings, for delivery at job site in Gunther's Highland View Tract, Burien, King County.

Washington Corrugated Culvert Co. Berkeley, at $86,926 submitted the only other bid.

Parker & Hill, Smith Tower, Seattle, consulting engineers.

BIDS WANTED

LOS ANGELES, Cal.—Until Nov. 10, 2 P. M., bids will be received by Los Angeles Water and Power Bureau, D. P. Nicklin, purchasing agent Room 740, 207 S. Broadway, for furnishing labor, transportation and services for installation of cast iron water supply mains under Spec. X-68, PWA Docket 1929-R, Unit 9-b.

Specifications obtainable from the above office on deposit of $10.00.

CONTRACT AWARDED

SANTA CRUZ, Santa Clara Co., Calif.—United States Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $639.63, submitted low bid and awarded contract by the Santa Cruz City Council, S. A. Evans, City Clerk, for furnishing 1200 ft. of 4-in. cast iron bell and spigot pipe, Class B or Class 150, joints to be 12 ft. or more in length; six 4-in. cast iron double hubs, all bell, and 300 pounds of leadite.

Delivery f.o.b. City Corp. Yard or trench side on Alice St., near 17th Ave., Santa Cruz.

Complete bids follow:

U. S. Pipe & Foundry Co., San Francisco $639.63

American Cast Iron Pipe Co., San Francisco 684.00

Pacific States Cast Iron Pipe Co., San Francisco..... 686.70

BIDS WANTED

MONTEREY CO., Calif.—Until November 17, 2 p.m., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for the construction of a reinforced concrete water tank at the Molera Ranch, about 26 miles south of Monterey.

Plans and specifications obtainable from the above office.

BIDS WANTED

LOS ANGELES.—Until November 10, 2 p.m., bids will be received by Los Angeles Water & Power Bureau, D. P. Nicklin, purchasing agent, Rm. 740, 207 S. Broadway, for furnishing labor, transportation and services for installation of cast-iron water supply mains under Spec. X-68, WPA Docket 1929-R, Unit 9-b.

Specifications may be obtained from the above office on deposit of $10.

34— PARKS AND PLAY-GROUNDS

NO BIDS RECEIVED

ELKO, Nevada.—No bids were received by Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting grounds at the U. S. Post Office, Elko, Nevada.

BIDS WANTED

PHOENIX, Arizona.—Until Nov. 18, 10 a.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Phoenix

Plans and specifications may be obtained from the above office and from the Custodian of the Building, Phoenix.

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Painters to Train 150 Apprentices

Building Permits, Advance Reports of Building and Engineering Projects

November 14, 1936

Vol. XIX — No. 47

ON THE JOB IN WESTERN CONSTRUCTION

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Vol. XIX SAN FRANCISCO, CALIF., NOVEMBER 13, 1936 No. 45

Crystal Springs Pipe Contract Offered; 4.75 Mi. Section To Complete Supply Line

San Francisco Public Utilities Commission will receive bids December 9, for the construction of Crystal Springs Pipe Line No. 2 from the existing outlet tower at the Crystal Springs Dam to a point on the El Camino Real near Burlingame, a length of 4.75 miles.

All but about 700 feet of the line will be laid in trench. The remainder, composed of short lengths, will be supported above the ground on piers.

Bids are invited under two alternative propositions. Proposition No. 1 calls for approximately 24,620 lineal feet of 60-in. inside diameter welded steel pipe of three-eighths of an inch plate thickness; and Proposition No. 2, for approximately 22,860 lineal feet of 57-in. inside diameter steel cylinder reinforced concrete pipe. together with approximately 1,760 lineal feet of 60-inch by three-eighths of an inch welded steel pipe.

Under both propositions there is also included about 660 feet of 78-in. by ½-in. welded steel pipe to be installed in the existing outlet tunnel at Crystal Springs Dam; welded steel pipe of other sizes for connections at each end of the line; completion of the existing outlet tower; all excavation, backfill, paving; and all other structures or appurtenances as shown on the specifications.

The proposed line will be connected to the other portion of the Crystal Springs Pipe Line No. 2 now being constructed by Youdall Construction Company at the contract price of $1,315,280, by the existing 54-in. pipe line between Burlingame and Millbrae.

The earlier contract for the construction of a pipe line between Millbrae and the University Mound Reservoir was divided into two sections. Section A called for the laying of 35,050 feet of 60-inch welded steel pipe of three-eighths-inch plate from a point near Baden to the reservoir. Youdall Construction Company was awarded the contract at $846,159.50.

Section B called for the construction of 20,540 feet of 60-in. steel cylinder reinforced concrete pipe with short sections of 60-in. welded steel pipe of three-eighths-inch plate between Millbrae and a point near Baden. Youdall's bid on this portion of the job was $469,120.50.

Principal items on the proposed job under Proposition 1 are: 24,620 lineal feet furnishing and laying 60-in. by 3-8-inch welded steel pipe; 62,000 pounds furnishing and installing steel pipe specials; 828,000 square feet bituminous enamel protective coating and lining to steel pipe; 900 cubic yards earth excavation for footings and structures; 8,400 cubic yards unclassified bench excavation. And under Proposition 2: 1,760 lineal feet furnishing and laying 60-in. by 3-8-in. welded steel pipe; and 42,000 cubic yards earth excavation for pipe trenches.

Contractors will be permitted to work an eight-hour day, but are restricted to a 130-hour month.

Plans and specifications may be obtained from the office of Chief Engineer N. A. Eckart. S.F.W.D. Building, 425 Mason Street, upon deposit of $20.

STEADY UPTREND IN PRICE INDEX

The building material price index of the U. S. Bureau of Labor Statistics rose to 87.4, the highest level reached since July 1934, in the week ending October 31. The index rose steadily during October from 86.9 on October 3. Its current position compares with 85.6 for the corresponding date of 1935. The last week of the month showed increases in lumber and paint material prices. Average prices of sand, gravel, lime and lath were lower. Brick and tile, cement and structural steel prices remained firm.

OCTOBER MARKS RECORD TOTAL IN FHA LOANS

San Francisco Office Issued Commitments Covering 346 Dwellings

October shattered all Northern California records for new homes financed under government insured mortgage loans, D. C. McGinness, acting district director of the Federal Housing Administration, said yesterday.

"The fact that this office accepted for appraisal more applications for insured mortgages covering new construction during the past month than in any one month since FHA financing has been available in this district, is significant,'" said the director. "It means that our home building program, which already has established a 5-year record, is soaring to new heights as it enters the final quarter of a year which will be recorded as one of the greatest in home building history."

Mr. McGinness said that during October construction was started on 346 new homes in Northern California financed by FHA insured mortgages, aggregating $1,714,900. The next highest record was set in the previous month of September, he declared, and third on the list was August, "indicative of the steady and substantial increase in government insured mortgages for home construction as the public becomes better acquainted with this economical, safe and convenient form of financing."

It was pointed out that the Federal Housing Administration has helped 11,600 Northern California families acquire homes of their own by insuring mortgages aggregating $49,400,000.

Confirming the FHA statement of stimulated home building activities in Northern California is the current report of the State Chamber of Commerce, announcing that "building construction continues the steady advance; the gain for 51 California cities in September was 127.9 per cent over the same month last year."

Painters Complete Plans To Inaugurate Training Program For 150 Apprentices

Following two years of preparation the apprentice training program in San Francisco will be inaugurated with the enrollment of 150 young men as apprentices in the painting, decorating and paperhanging trades at a public meeting to be held in the High School of Commerce auditorium, Monday, November 16, at 8 o'clock, Archie J. Mooney, chairman and secretary of the California Committee on Apprentice Training, announced yesterday.

The apprentices will be inducted in the trade of painting, decorating and paperhanging under the terms of a contract drawn up through collective bargaining between the Master Painters' Association and the District Council of Painters.

Representatives of all the organizations interested in the apprentice training program will speak at the meeting which will be presided over by John L. McGrath of the Master Painters' Association. Opening and closing addresses will be made by State Director Anne DeG Treadwell of the National Youth Administration, and John C. Beswick, chief of the Bureau of Trade and Industrial Education.

The principal feature of the meeting with the exception of the enrollment of the apprentices will be a group of five minute talks by nine leaders in the apprentice training movement.

"The program which will be outlined at the meeting should be of particular interest to every member of any industry which will sooner or later be engaged in training apprentices," Mr. Mooney stated, "since it will serve as a model for all other building crafts to follow."

Under the plan recently adopted by the painting, decorating and paperhanging trades the adoption of standards for the operation and control of apprenticeships in the painting trades for the city and county of San Francisco is vested in an advisory committee on apprenticeship composed of 8 members, three of whom shall be employers and members of the Master Painters and Decorators' Association of San Francisco; three, journeymen employees or their representatives; a dealer in painting materials, and one member selected from the Board of Education.

The committee shall submit its plan and any revisions made to the California State Committee for approval, and shall make monthly reports to the committee showing the number of apprentices indentured, the number discontinued and causes for such discontinuance.

They shall also assist in the establishment of classes for apprentices; act in an advisory capacity to those charged with providing related instruction to apprentices; suggest tests; work out rules and regulations; co-operate with the schools; hear and decide complaints, and make an annual report.

The term of office shall be for three years; the term of one contractor and one journeyman to expire each year.

Last week the following were elected as members of the first advisory committee: Board of Education, Manuel Alfaro; material dealers, E. L. Ehrke; journeymen, John N. Mulane, Otto E. Sargent and J. B. Salcido; master painters, Byron Gurnette, George M. Peters, and Harry Tyrrell.

The main features of the set of rules and regulations agreed on for the training of apprentices are as follows:

(1). A painter's and decorator's apprentice is a person who begins his apprenticeship between the ages of 16 and 21 and; (a) who, as his principal occupation, is engaged in learning and assisting in the trade of painting and decorating, and; (b) who has entered into a written agreement with an employer, an association of employers, an organization of employees, or other responsible agency, which agreement provides for four years of no fewer than four building seasons of reasonably continuous employment for such person and for his participation in an approved program of training in skills and related technical and general subjects.

The employer obligates himself to provide the apprentice with instruction in the various skills and knowledge necessary to the trade; and to provide opportunities for broader training as the progress of the apprentice permits.

(2). Apprentices enrolled under this plan shall be immediately indentured with a provision for a probationary period not to exceed 90 days.

(3). It shall be the duty and responsibility of the committee to provide, insofar as possible, continuous employment to all apprentices. This may necessitate transfer of apprentices from one employer to another, with the approval of both parties concerned.

(4). Apprentices shall be employed at the following percentages of the journeyman's wages; first three months, 25 per cent; second three, 30 per cent; third three, 37½ percent; fourth three, 45 per cent; third six months, 50 per cent; fourth six, 55 per cent; fifth six, 65 per cent; sixth six, 70 per cent; seventh six, 80 per cent, and eighth six, 90 per cent.

After the four-year period of job and school instruction have been satisfactorily completed the apprentice shall be rated and certified as a full-fledged journeyman.

(5). The apprentice's work week shall be five days or a total of 40 hours.

(6). In case of failure on the part of the apprentice to fulfill his obligation in respect to school attendance or deportment, the committee shall have authority to suspend or revoke his indenture.

(7). Parties to the agreement shall be required to provide each apprentice with the opportunity to learn the entire trade before the completion of the apprenticeship period.

(8). It shall be the school's responsibility to prepare and give an adequate course of study . . it is recommended that this course shall include such technical subjects as trade mathematics, trade drawing, trade science, trade business economics and other subject matter as may be necessary to develop all-around craftsmanship.

(9). In case of dissatisfaction between the contractor and the apprentice either has the right and privilege of appealing to the Advisory Committee for such action and adjustment of such matters as may come within the agreement.

(10). No employer shall be permitted to employ more than one apprentice to five painters, decorators and paperhangers or major fraction thereof, and no employer shall be permitted to employ any apprentice until three painters, decorators and paperhangers are employed. No more than five apprentices may be employed.

SACRAMENTO INVITES BIDS FOR VIADUCT

$160,000 Structure Will Complete New Approaches To I Street Bridge

Bids for construction of the Third Street approach viaduct to the I Street bridge in Sacramento will be received by the Sacramento City Council November 27, a project for which the city has approximately $160,000 in its own funds and a PWA grant.

This contract will complete a grade separation structure which replaces inadequate and dangerous approaches to the I Street bridge. The Jibboom Street approach viaduct, the other half of the structure, was constructed by Lord & Bishop under a state contract.

Principal items in the new contract include 1,063,000 pounds of structural steel; 16,800 lineal feet treated Douglas fir piles; 1,740 cubic yards Class Portland cement concrete in structures; 270,000 pounds bar reinforcing steel.

Plans and specifications will be issued by the Sacramento city clerk on deposit of $25.

L. A. ENGINEERS LOSE LICENSES ON COMPLAINTS

State Board Revokes Three Permits After Having Hearings

Certificates of three civil engineers have been revoked by the State Board of Registration for Civil Engineers after hearings on complaints filed with the board, Pecos H. Calahan, assistant secretary, announced yesterday. All the defendants have been practicing in Southern California.

Clarence W. Cook was found guilty of misrepresentation in signing a set of plans for a building to be erected in Arcadia, Los Angeles County, which he did not design. Testimony was heard that he had signed plans prepared by a building contractor in order to enable the contractor to meet provisions of a city ordinance that buildings of the type proposed be designed by an architect or structural engineer. The findings of the board were that the proposed building design was structurally unsafe and that Cook had not made an adequate structural analysis before approving the plans.

Julian Willis Stromberg was held guilty of fraud in failure to complete plans and obtain a building permit in accordance with an agreement on which he accepted an advance fee. It was charged that he was commissioned to design a 60-foot frame tower for an owner in Los Angeles, but had failed to prepare plans sufficient to perform the work.

The third certificate revoked was that of Clarence Daniel Ustick who was found to have misrepresented his experience record in making application for regisration in 1930. Testimony was given that the defendant had misrepresented his connection with four large buildings erected in Pasadena and had not in fact designed any one of them.

HILLSBOROUGH ESTATE TO BE SUBDIVIDED

Subdivision of the Hillsborough estate of Thomas Fortune Ryan, III, into twelve residential lots has received tentative approval from the Hillsborough City Council. Plans for the subdivision were submitted to the council by B. W. Waters, civil engineer.

It is understood the smallest of the twelve building sites to be created will be 22,800 square feet. The Ryan estate is between Willow and Brookvale Rds. and has frontage on Sharon Avenue.

DEFER STANDARD FOR FLOOR TILE

Plans for establishing a commercial standard for asphalt floor tile have been deferred until manufacturers have requested that the project be resumed, the National Bureau of Standards announces.

Bids November 17 For Contract on L. A. Forest Road

District Engineer C. H. Sweetser of the Bureau of Public Roads yesterday issued a call for bids, to be opened November 17, for grading approximately 1.3 miles of Section C on Route 61 of the Angeles Crest National Forest Highway in Los Angeles County.

The contract, one of the last to be let this year, involves the following principal items: 22 acres clearing, 301,600 cubic yards unclassified excavation, 2,180 cubic yards unclassified excavation for structures, 443,000 station yards overhaul, and 3,046 lineal feet C. G. S. metal pipe.

The specifications and proposal forms may be obtained from the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco, on deposit of $10.00.

HOME CONSTRUCTION UP IN SACRAMENTO

Residential construction in Sacramento for October reached the highest single month total in eight years, the Department of Building Inspection has announced.

During the month permits were issued for 61 one-family houses and two duplexes, costing in the aggregate $293,927. Including permits for commercial structures and miscellaneous buildings the total for October was $549,493.

The total for the same month last year was $274,955.

The gain over 1935 for the first ten months of the year is in keeping with the October figures. The statistics show the January to November total as $5,893,030 for this year, compared with $1,551,518.50 for 1935.

The largest permit of the month was issued to Lord and Bishop for the construction of the Jibboom St. approach viaduct amounting to $136,962.60.

Permits were issued for 60 homes in Sacramento during September. Their value totalled $249,320. In August permits were issued for 45 dwellings and one bungalow court amounting to $222,211.

SACRAMENTO Q. M. RECEIVES PROMOTION

Capt. A. W. Parker, constructing quartermaster for the Air Corps Supply Depot to be built near Sacramento, has received notice of his elevation to the rank of major.

The former captain is a Spanish - American war veteran and served in France during the World war with the national guard. He entered the regular army in 1920 as a captain and later became constructing quartermaster for Randolph Field, $25,000,000 air corps training base in San Antonio. He was sent to Sacramento several months ago to take charge of construction on the new depot.

STATE LEVY INVALID ON U. S. CONTRACT

Oregon Supreme Court Exempts Income From Government Projects

A non-resident contractor doing work for the Federal government in Oregon is held exempt from the state income tax on his earnings from the contract in a decision by the Oregon State Supreme Court just handed down.

The verdict came in two opinions, both written by Justice John L. Rand. The cases were Winston Bros. Co., a Minnesota corporation, and Guy F. Atkinson Co. vs. the State Tax Commission, and a separate suit by the Atkinson company against the commission.

The plaintiffs in 1934 performed a contract in building for the War Department a dam, locks and ship canal at Bonneville dam and reconstructing the south jetty at the mouth of the Columbia. The state sought to impose an income tax on profits from the jobs. The companies sued in Multnomah county and Judge Robert Tucker's court found for the state.

The causes were reversed by the Supreme Court decision and remanded to the lower court with directions for a verdict for the contractors.

"The state has no jurisdiction over lands the fee to which has been acquired by the Federal Government, and has no legislative authority to tax any of the operations thereon or any income arising from any work done thereon" said the opinion.

Names Valve Makers In Price Complaint Trade Commission

The Federal Trade Commission has issued complaints, charging price-fixing, against 34 manufacturers of water gate-valves, hydrants, fittings, and similar articles, sold principally to municipalities and governmental agencies. The manufacturers are all members of the water-works valve and hydrants group, of the Valve & Fittings Institute, of New York City, which is also named in the complaint.

It is charged that in December, 1935, the manufacturers entered into a price fixing combination setting up zones in which uniform discounts and enhanced uniform prices were fixed. They are given until December 4 to show cause why a cease and desist order should not be issued against these practices.

SECURITY ACT BLANKS READY FOR 26,000,000

Postal Service Starts Delivery Of Federal Pension Applications

With the aid of 45,000 post offices, the Social Security Board has started machinery to operate the Federal sociay security act, which it is estimated affects 26,000,000 workers. Preparations have been made to set up this number of individual accounts.

In these accounts all of the persons estimated to be eligible will, starting January 1, 1937, begin storing up cash values payable to the worker at 65 or to his family if he dies before reaching the age of 65. These cash values will at all times be substantially larger than the worker's own contributions under the Social Security Act.

All persons working for salary or wages excepting those engaged in agriculture, domestic service in private homes, government service and in a few other excluded occupations, are eligible. It is expected that many of those in occupations not now covered will eventually become eligible through occasional or part-time work in those occupations which are covered.

The Social Security Board emphasized the fact that, while this undertaking is of unprecedented proportions, the plan in which 45,000 post offices are now cooperating with the board is quite simple and will be conducted with all possible convenience to employers and employees.

Plans have been carefully made, the board said, for delivery of the necessary forms and instructions to all employers and employees affected within the next few weeks. The board urged both employers and employees, as well as the public at large, to refrain from making inquiries either of the board or at post offices, concerning their respective parts in the plan until after receipt of the official forms and instructions.

After that, the board said, postal authorities in any community and representatives of the Social Security Board in the larger cities and industrial centers will be available to answer all questions and to render any other assistance that may be necessary.

The board's announcement said:

Beginning on November 16, post offices throughout the country will distribute to employers a form known as the "Employer's Application for Identification Number." This form will ask of the employer only seven simple questions, answers to which will enable the Post Office Department to know how many employees' application forms to deliver to each employer.

Then, beginning on November 24, post offices throughout the country will distribut to employees, through their employers, forms known as "Application for Social Security Account Number." These employees' application forms will be distributed to all work places and will also be available, after such distribution, at all post offices. Local postmasters will announce when these forms are available. The employee's application is a simple form asking a few questions such as name and address of the worker, name and address of his employer, the date and place of birth, and father's and mother's name. When the worker has provided this information on the application he may return it, without paying any postage, in any of five ways:

By handing it back to the employer, or

By handing it to any labor organization of which the worker is a member, or

By handing it to a letter carrier, or

By delivering it personally to any local post office, or

By mailing it—without postage in a sealed envelope addressed simply:

"Postmaster, Local."

On the return of this information to the post office a social security account will be set up for each person eligible and he or she will be furnishd a card—comparable to an insurance identification card—certifying that an account has been set up and bearing the number of the employee's Social Security account so as to make it easy for the worker to find out at any time just how his or her account stands.

The board at the same time made public today copies of the three forms described in the foregoing.

Chain Belt Co. Appoints Sivyer Branch Manager

Chain Belt Company announces the appointment of B. E. Sivyer, Jr., as branch manager of the San Francisco office to succeed the late G. E. Taylor.

When Mr. Sivyer joined the Chain Belt Company a number of years ago, he was put in charge of the sales and development of Rex Z-Metal.

Mr. Sivyer left the University of Wisconsin to enter the war. After returning to this country in 1918, he worked as general superintendent for the Northwest Malleable Company of Milwaukee and later for the Rockford Malleable Iron Company of Rockford, Il.

The San Francisco office of the Chain Belt Company is located at 366 Brannan Street.

STRIKE SHUTS LUMBER MILLS IN NORTHWEST

West Coast Operators To Lose Business During Ship Tieup

With the bulk of the west coast industry production, located along the Columbia river, either down entirely or operating on a sharply curtailed basis, because of the maritime strike, the present marketing outlook for the lumber industry as a whole is poor, according to statement issued by the West Coast Lumbermen's Association.

Should the maritime tie-up continue for two or three weeks more, west coast lumbermen are of the opinion that a considerable volume of late fall and early winter water business, particularly to the Atlantic coast and some export markets, will be lost entirely to the industry, it was said.

The loss in export business will probably be gained by mills in British Columbia, while the immediate needs of the east coast distributors and dealers can be supplied from the south and Canadian industries.

On the other hand, rail trade, in the opinion of lumbermen, should continue fairly active, at least during the maritime stoppage.

Since the maritime strike occurred on Friday, October 30, the reports of the mills for the week ending October 31 show activities in production, orders and shipments which since have been curtailed sharply.

PORTLAND SEWER PROJECT REJECTED

Portland voters rejected a proposal by the city council submitted at last Tuesday's election authorizing construction of a sewage disposal system for which a grant of $4,750,000 has been allotted by PWA. Bonds to pay the city's share of the project cost were voted several years ago, but after extended litigation that delayed construction the council determined to withhold the securities from the market until a new expression of opinion was obtained from the voters.

The proposal voted on was to construct the system on a pay-as-you-go plan of financing.

FAUNT TO MANAGE PHILBRICK COMPANY

Albert E. Faunt, long associated with the firm of E. D. Philbrick Company, stairbuilders, will continue the business which has been under his administration since Mr. Philbrick's death, it was announced yesterday. The Philbrick mill is located at 41 Sheridan St., San Francisco.

Inefficient Labor Cut Paving Yardage Output By State's Contractors In 1935

Relief labor required by the government for highway construction contracts in which Federal funds were used lowered the efficiency of contracting organizations materially, according to the annual report of the California State Division of Highways showing comparative paving records. In 1934 when work-relief regulations were not in force paving contractors for the state as a whole averaged a daily output of 402 cubic yards of portland cement concrete. In 1935, when relief labor predominated, the output average dropped to 343.3 cubic yards.

Asphalt concrete pavement was laid at an average rate of 594.4 tons daily in 1934, but in 1935 the average was only 520.5 tons.

Construction records established in 1935 are reviewed by Assistant Construction Engineer Earl Withycombe of the State Division of Highways in the following report:

PORTLAND CEMENT CONCRETE

Construction Records

The maximum average daily output of concrete pavement, reduced to an 8-hour comparative basis, was placed on Contract 67-VC13-57VC1-47CS16, in Los Angeles County, Redondo Beach to Wilmington, where the United Concrete Pipe Corporation placed 432.-3 cubic yards per day, using one paver. L. R. McNeely was resident engineer, with H. D. Johnson as street assistant. The average daily output for the State during 1935 was 343.3 cubic yards, as compared to 402.0 cubic yards in 1934.

The reduction in average daily production in this and other types of paving during 1935 is no doubt due to the disruption of contractors' organizations owing to the necessity of absorbing local relief labor.

Strongest Concrete

The strongest concrete placed during 1935 was on the same contract, 67VC13, with an average compressive strength of 5751 lbs. per square inch. The average strength for the State was 4965 pounds, compared to 4465 pounds in 1934.

Cement Control

The record for cement control was made on Contract 68XC13-58XC4, in San Bernardino County, Riverside Avenue to Colton, with an average variation of 0.36 per cent. B. G. Carroll was the contractor, and E. A. Bannister was resident engineer, with W. Crawford street assistant. The average variation for the state was 0.93 per cent, compared to 0.9 per cent in 1934.

Surface Smoothness

The record for surface smoothness was obtained on Contract 67-XC11 in Orange County, where the average roughness index per mile was 5.6 inches. The contractors were Sharp & Fellows, the resident engineer, F. R. Pracht, and street assistant, G. H. Lamb. The average roughness index for the state on concrete pavements was 9.3 inches per mile, compared to 8.3 inches during 1934.

The increase in roughness is the result of being obliged to operate with partially inexperienced crews.

CONSTRUCTION METHODS AND DESIGN

Finishing of concrete pavement was performed in the specified manner with the one exception of Contract 67VC20-47VC24 in Orange County, where a box type of drag finisher, perfected by assistant resident engnieer H. G. Johnaon, was used for the first time. This finisher eliminated all floating with the exception of the steel-shod cut float used as a final finisher.

The use of the diagonal float as a substitute for the longitudinal float has become universal.

Reinforcement

Edge reinforcement was practically abandoned in the 1935 season's work. The only steel used was a single ½-inch square deformed bar on each side of the transverse joint to support the dowels.

Joint Construction

At the instigation of the U. S. Bureau of Public Roads, ¾-inch dowels placed on 14-inch centers were used at all designed transverse joints. Expansion joint intervals ranged from 60 feet to 100 feet with joint widths varying from ½ inch to ¾ inch. Weakened plant joint intervals ranged from 20 to 30 feet.

Curing

The majority of projects were cured with water, but colorless membrane was used as a curing medium to a very limited extent. A few cotton mats were purchased and used experimentally for curing purposes in District VII.

ASPHALT CONCRETE

Construction Records

The maximum daily output of asphalt concrete was obtained on Contract 67XC9, in Los Angeles and Orange Counties, between Downey and Buena Park, with 810.7 tons per 8-hour day. United Concrete Pipe Corporation was the contractor, E. A. Parker the resident engineer, and K. D. Lewis, street assistant. The average daily output for the State was 520.5 tons, compared to 594.4 tons in 1934.

Pavement Quality

The highest average stability of surface mixture was 4209 pounds obtained on Contract 611VC12, in San Diego County, Emerald Ave. to East City limits, El Cajon. The contractor was V. R. Dennis Const. Co., the resident engineer, L. E. Liston, and L. E. Crayne, street assistant. The average stability for the State was 2908 pounds, compared to 2950 pounds in 1934.

The densest surface mixture was found on Contract 67XC17, in Los Angeles County, Prairie Avenue to Commercial Street, Ingleside, with a relative specific gravity of 98.3 per cent. United Concrete Pipe Corporation was the contractor, L. R. McNeely, resident engineer, and E. D. Davis, street assistant. The State average was 95.0 per cent, compared to 95.9 per cent in 1934.

The smoothest surface was obtained on Contract 67XC23 in Los Angeles County, between Los Angeles Street and Artesia Avenue, with 11.1 inches per mile. The contractor was Oswald Brothers, the resident engineer, W. J. Calvin, and A. L. Hawkins, street assistant. The State average was 21.1 inches per mile, compared to 21.4 inches in 1934.

CONSTRUCTION METHODS

With the large increase in the number of asphalt concrete projects during 1935, due to resurfacing of existing concrete pavement, new personnel has been added to organizations connected with this type of construction, and considerable experimenting was carried on to improve old established methods.

One of the most difficult tasks in resurfacing jobs is to spread the proper amount of asphalt mixture in front of the finishing machine to insure that it is not at times carrying an excess which has to be carried ahead by hand, or that it is running with a deficiency of mixture which again calls for hand work.

Two types of spreading devices were developed for this purpose. One consisted of V-type drag with blades adjustable for height, built by Basich Bros. The other device was a screw conveyor type of spreader with screws reversing at the center and conveying toward each side form with an adjustable strike-off behind the screw designed by the United Concrete Pipe Corporation.

Both of these devices ride on the side forms and are operated just in advance of the finishing machine. The mixture is dumped thru a spreader box riding on the base or tail-gated from a truck in front of the spreaders. These spreaders reduce to a minimum the amount of hand labor required in front of the finishing machine and eliminate entirely the necessity of tramping over the uncompressed mixture.

Finishing machines are now being manufactured in California and in many respects they are supe-

type of roller will not produce the riding surface demanded in California without the addition of supplemental cross-rolling with a tandem roller, but they do reduce the amount of this cross-rolling to the extent that one tandem can handle the normal day's run.

The specifications have been strengthened in regard to plan operation, tending to improve control of mixtures. Dust collectors are a requirement. Driers must be fed by blending belts and fine aggregate fed to the belt by means of automatic feeders, mixers must be equipped with timers, and driers must be provided with pyrometers to aid in heat control.

BITUMINOUS TREATED SURFACES

While the plant-mix type of oiled surface predominated during 1934, in 1935 the road-mix type gained in popularity, about 84 miles being constructed against 38 miles of plant-mix. There were also constructed under supervision of the Construction Department about 24 miles of seal coat, 4.2 miles of retread, and 1.9 miles of bituminous macadam.

The record for surface smoothness for plant-mix type, 2.7 inches per mile, was made on Contract 611VC8, in San Diego County, approaches to the Escondido Creek Bridge; contractor, Sharp & Fellows, and resident engineer, W. T. Rhodes. The average roughness index for the State during 1935 was 36 inches, compared to 26.4 inches in 1934.

For road-mix type, the smoothest surface was obtained on Contract 65XC3-45CS3 with 14.8 in. per mile, in Santa Barbara County, Hollister Ave. to Painted Caves Road. Granfield, Farrar & Carlin were the contractors, with V. E. Pearson as resident engineer. The State average was 37 inches, compared to 27.3 inches in 1934. The average smoothness of the miscellaneous types was 102 inches per mile, compared to 47 inches in 1934.

BUILDERS ORGANIZE IN REDWOOD CITY

Arthur Payne was elected president of the newly-organized Redwood City District General Contractors Association at a meeting held this week. Lyle Bourquin was elected vice - president, and Theodore Lauman, secretary-treasurer.

Directors are L. M. Duncan, L. N. Pollard, L. R. Robertson, J. B. Allen, Thomas Nelson and W. S. Sterling.

WPA DAY-LABOR PROJECTS COST $142,000,000

Two-Thirds of Relief Workers Reported Engaged In Construction

On the first of September the Works Progress Administration had completed or had under way 59,000 construction projects. These construction projects represent more than half of the total of all projects on the WPA program. Structures which were built, repaired, or improved under WPA projects include 6,200 school buildings, 130,000 miles of road, 5,000 water systems, 2,200 water conservation and irrigation structures and 550 airports. A tabulation is given below of the number and cost of construction projects of different types. The costs given include materials purchased by sponsors of projects and rental of hired equipment. The cost does not include any allowance for equipment owned and furnished by the sponsors.

WPA CONSTRUCTION PROJECTS

Classification	No. of projects	Cost of projects
Roads and streets	27,774	$45,952,000
Public buildings	13,325	27,297,000
Parks, etc.	5,772	20,691,000
Conservation	3,783	6,817,000
Waterworks and sewers	8,413	24,065,000
Airports	713	4,156,000
Unclassified		13,112,000
Total		$142,000,000

The 2,063,000 men employed on construction projects represent more than two-thirds of the 2,952,000 men employed by the works program of the WPA. Of those employed on construction projects, 1,761,000 were unskilled workers; 16,000 were engineers; the remainder were in clerical and supervising positions.

RESIDENTS NAMED FOR NEVADA JOBS

State Highway Engineer Robert A. Allen has appointed N. McKenzie resident engineer for a Nye County construction contract recently awarded to George Pollock Company of Sacramento by the Nevada highway directors. H. A. Squires has been appointed resident for two contracts in the city of Winnemucca awarded to George French, Jr., of Stockton.

REMOVAL NOTICE

Smith Glass Company, formerly of 479 Bryant Street, has moved to new and larger quarters at 638 Fourth Street, near Townsend St. Charles M. Smith is manager of the concern.

'39 EXPOSITION MODEL SHOWN IN CITY HALL

Officials Present At Unveiling Of Architectural Layout For Fair

Unveiling ceremonies for the first complete architectural model of the 1939 Golden Gate International Exposition were held yesterday in the rotunda of the city hall, state and civic officials, consular representatives and directors of the Exposition participating.

Following a brief reception, Mayor Angelo J. Rossi and Leland W. Cutler, president of the Exposition company, planted a small American flag on the model of Exposition Island. The model will be on display at the city hall for two weeks.

Mr. Cutler said: "The 1939 Exposition is on its way. The beauty and pageantry that will be part of our next great world's fair may be realized in part by the artistry that has gone into the making of this model.

"This exposition belongs to the world, and to the world San Francisco and the Bay region sends its greetings, and the invitation to be with us in 1939."

In response to the tribute paid to the city for its cooperation in the building of the exposition, Mayor Rossi said:

The citizens of San Francisco will continue to do all in their power to make this coming world's fair worthy of our city's name, and memorable to the millions who will come here in 1939."

Hon. A. C. Charlton, Consular-General for Great Britain, and dean of the consular corps in San Francisco, declared:

"Foreign nations look forward to the opening of the gateways of the Golden Gate International Exposition as an opportunity to renew the pledges of friendship between their governments and that of the United States."

Tribute was also paid to W. P. Day, Director of Works, and Geo. W. Kelham, Chief of Architecture, for the Exposition, who designed the architectural layout of the model, in conjunction with other members of the architectural commission, including: Lewis P. Hobart, Ernest Weihe, Timothy Pflueger, Arthur Brown, Jr., and William G. Merchant.

Among the notable guests present was former Senator Chas. Henderson, of Nevada, director of the Reconstruction Finance Corporation, Chief Engineer C. H. Purcell of the San Francisco-Oakland Bay Bridge and F. M. McAuliffe, attorney for the Toll Bridge Authority. Senator Henderson comes as official representative of Jesse Jones, head of RFC, to make the first official survey of the Bay Bridge and to participate in the celebration, which serves as a curtain-raiser to the 1939 Exposition.

Low Bidder's Error May Cost Contractor Amount Price Difference, Comptroller Rules

A bidder on a Federal government contract refusing to accept an award on the ground of error in his bid may not only have his guaranty check confiscated if the error it not apparent on comparision of bids but may also be held responsible for the difference between his bid and the next lowest which the government is compelled to accept. This is the ruling of the U. S. Comptroller General as to disposition of a $500 certified check which accompanied the low bid of Pasquale Contracting Co., Jamaica Plain, Mass., for constructing a building at North Scituate coast guard station, but for which he refused to execute contract.

The bids requested May 8 and opened June 2, 1936, were:

Pasquale Contracting Co., Inc., $34,990.

Olson & Appleby, $36,980.

Koslow & Ritchie, $39,313.

J. Malaguti & Sons, Inc., $44,-715.

Walter H. Barker, $46,245.

Maurice M. Devine, Inc., $48,936.

The Comptroller's opinion in the case says:

"By telegram of June 4, 1936—two days after the bids were opened — to headquarters, United States Coast Guard, the low bidder asserted that a serious error had been made in computing its bid and requested permission to withdraw the bid. On the same date headquarters informed the bidder there was no administrative authority to allow withdrawal of a bid after opening and that its bid was accepted, and requested the bidder to advise whether it would execute a contract and bond or would default.

"The bidder advised on June 6, 1936, that it was attempting to get a bond and if successful would execute the contract, but on June 17, 1936, the said bidder telegraphed that it had made a careful reestimate of the cost of the project and determined that the minimum cost thereof was $38,000; that if an error had not been made in its proposal it would have quoted a price of $39,990; that it could not stand the loss which would be incurred by entering into the contract and was unable to obtain a bond. The bidder requested that consideration be given the fact it had made an error, and requested return of its certified check. Accordingly, in June 17, 1936, the low bidder was declared in default, and the contract was subsequently awarded to the next low bidder in the amount of $36,-980.

"The comptroller advises in his letter of June 23, 1936, A-76315, the procedure set forth in decision of February 2, 1929, 8 Comp. Gen. 397, should be followed in all cases of alleged mistake in bids; that is, the contracting officer should, before making award, transmit to this office the bid in which the error is alleged, an abstract of all bids received, a copy of the specifications and all correspondence relative to the alleged error, with administrative report, for determination whether the bid may be corrected or the bidder relieved of its obligation under the bid.

"Since award has already been been made in this case, there is for consideration whether the certified check in the amount of $500 submitted by the low bidder with its bid—apparently as a guaranty that it would execute a contract and performance bond if tendered the award—may be returned as requested, and whether the low bidder is chargeable with any additional amount by reason of the loss to the Government resulting from its failure to perform in accordance with its accepted bid.

"By paragraphs 14 and 19 of the Standard Government Instructions to Bidders, which all bidders were directed to read before preparation of their bids, bidders were advisd that negligence on the part of any bidder in preparing his bid conferred no right to withdrawal after the opening thereof, and that failure to examine the maps, drawings, specifications, etc., would be at the bidder's own risk and he could not secure relief on the plea of error in the bid. While this office has authorized relief of bidders on certain cases on the basis of mistake asserted after the opening, it has been held that to justify such action the evidence of mistake must be such as to show consclusively that a mistake has been made, in what it consists, and how it occurred. 9 Comp. Gen. 339; 14 id. 78.

"In the case of Crilly v. Board of Education, 54 Ill. App. 371, the plaintiff, who had submitted a bid for the erection of a building, alleged that by a clerical error his bid was $3,000 less than intended and requested relief in equity in the form of correction of his bid and return of the deposit made in connection therewith. The court refused to grant relief, on the ground that if a mistake had been made it might easily have been avoided by the exercise of ordinary care. In Brown v. Levy, 29 Tex. Civ. App. 389, 69 S. W. 255, return of a bid deposit on a plea of error in adding the items involved was likewise refused, the court holding that validity of the contract which arose on acceptance of the bidder's offer was not affected by the fact that the bidder had made a miscalculation in his preliminary estimates. See, also, decision of June 3, 1936, A-75520, 15 Comp. Gen. 1049.

"No evidence has been presented in this case to support the statements of the Pasquale Contracting Company to the effect that it made a mistake in its bid. Any mistake that may have been made was admittedly the result of the bidder's own negligence in the preparation of its proposal. There was nothing in the bid itself or as compared with the other bids received, which might have put the contracting officer on notice that a mistake had been made or caused him to request verification of the bid. With respect to the low bidder's statement that the work could not be done for less than $38,000, it appears the next low bidder has accepted award at its bid price of $36,980.

"There being no basis for relieving Pasquale Contracting Co., Inc., from the obligation assumed in submission of its bid, which was accepted in good faith, the certified check furnished as security may not be returned to the bidder but should be deposited and covered into the Treasury as a miscellaneous receipt. There should be forwarded to this office copies of original invitation and specifications and any other papers showing the exact conditions under which the bid and certified check were submitted in order that it may be determined whether there is any reason why the low bidder should not be held liable for the difference between its bid and the next lowest bid and called upon to remit the balance of $1,840 remaining after collection of the amount of the certified check."

MORE DIVERSION OF GAS TAXES BUREAU REP'TS

California Highway Fund Lost $1,282,000 Last Year From Raids

Diversion of taxes paid by highway users to other than highway purposes in 1935 amounted to $146,499,711, an increase of more than $24,000,000 compared with 1934, the U. S. Bureau of Public Roads reports.

The bureau stated the largest diversions were to general funds of states, counties and municipalities. More than $86,000,000 was so diverted, the greater part of State funds. More than $15,000,000 went to relief of unemployment or destitution, and nearly $31,000,000 to education.

About $14,000,000 was reported diverted to miscellaneous purposes such as airports, navigation, service of non-highway debts, irrigation, parks and other purposes.

The amount diverted by States in 1935, not including loans from highway-user revenue to be repaid, included:

Arizona, $192,344; California $1-282,510; Colorado, $984,277; Idaho, none; Montana, $1,113,218; Nevada, none; New Mexico, $390,432; Oklahoma, $3,194,006; Oregon, none; Texas, $8,290,061; Utah, none; Washington, $1,002,791, and Wyoming, none.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1704	Wilkinson	Van Alst	3850
1705	Davis	Teigland	9900
1706	Lemon	Johnstone	6000
1707	Westwood	Bernard	3000
1708	Kinell	Schulz	7000
1711	Arnold	Beckett	7000
1712	Arcade	Rose	2500
1713	Pollard	Owner	3500
1714	Curtis	Owner	3500
1715	Fay	Owner	3000
1716	Bohnert	Courtright	3000
1717	Svensgaard	Broderick	1000
1718	General	Owner	1500
1719	General	Owner	2000
1720	Fox	Wheeler	1000
1721	Biven	Owner	3500
1722	Vassalo	Lyon	3500
1723	Burness	Sorensen	5800
1725	Werschkull	C'mponenosi	8995
1726	Fisher	Johnson	3750
1727	Fisher	Johnson	3750
1728	Colombo	Metz	1600
1729	Van Hinge	Flagg	3000
1730	Oakland	Villadson	33550
1731	Hartman	Owner	5472
1732	Paxon	Weston	4400
1733	Ball	Walker	7000
1734	Stroud	Owner	4500

DWELLING
(1704) 4167 WILSHIRE BLVD., OAKLAND. One-story 5-room dwelling.
Owner—A. Wilkinson, 3008 Maple Ave.
Contractor—W. Van Aalst, 2039 34th Ave.
Architect—Not Given. $3850

DWELLING
(1705) 1268 SUNNYHILL RD., OAKLAND. Two-story 8-room dwelling.
Owner—R. Davis, 829 Rosemont Rd.
Contractor—C. M. Teigland, 4607 Harboard Rd.
Architect—Not Given. $9900

DWELLING
(1706) W. CASTLE DR., PTN OF Lots 3052-3053, Piedmont Pines. Two-story 6-room dwelling.
Owner—R. T. D. Lemon, 26 Ascot Court.
Contractor—W. P. Johnston, 2639 Dana St., Berkeley.
Architect—Not Given. $6000

DWELLING
(1707) 4051 LAUREL AVE., OAKLAND. One-story 5-room dwelling.
Owner—Westwood Homes, 360 17th Street.
Contractor—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.
Architect—Not Given. $3000

DWELLING
(1708) 1600 LA LOMA, BERKELEY. Two-story 6-room frame dwelling and garage.
Owner—Helen Kinell, 2656 Cedar.
Contractor—H. K. Schulz, 811 Mendocino.
Architect—E. L. Snyder, 2102 Shattuck. $7000

DWELLING
(1711) 116 LATHAM ST., PIEDMONT. One-story 6-room dwelling and garage.
Owner—Arnold & Graves.
Architect—Not Given.
Contractor—A. T. Beckett, 315 14th St., Piedmont. $7,000

REPAIRS
(1712) 1955 SAN PABLO AVENUE OAKLAND. Fire repairs.
Owner—Arcade Realty Co., 433 California St.
Contractor—A. H. Rose, 478 25th St.
Architect—Not Given. $2500

DWELLING
(1713) 4825 PROCTOR AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—A. J. Pollard, 77 Plaza Dr., Berkeley.
Architect—Not Given. $3500

DWELLING
(1714) 2232 109TH AVENUE, OAKLAND. One-story 5-room dwelling.
Owner & Builder—H. B. Curtis, 5333 Holland St.
Architect—Not Given. $3500
Also 1-story garage, $200.

DWELLING
(1715) 4034 BROWN AVE., OAKLAND. Two-story 5-room dwelling.
Owner & Builder—Murry N. Fay, 625 Scott St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1716) 1024 MOUNTAIN BLVD., OAKLAND. One-story 5-room dwelling.
Owner—Frank Bohnert, Prem.
Contractor—T. D. Courtright, 349 51st St.
Architect—J. K. Ballantine, San Francisco. $3000

ALTERATIONS
(1717) 1802 BONITA, BERKELEY. Alterations.
Owner—T. Svensgaard, 2128 Center St.
Contractor—W. L. Brodrick, 640 Arlington Ave.
Architect—Not Given. $1000

STEEL TANK
(1718) PIER & FERRY STS., OAKLAND. Steel Tanks (6).
Owner and Builder—General Petroleum Corp., Parr Terminal.
Architect—Not Given. $1500 ea.

RETAINING WALL
(1719) PIER & FERRY STS., OAKLAND. Concrete retaining wall.
Owner & Builder—General Petroleum Corp., Parr Terminal.
Architect—Not Given. $2000

ALTERATIONS
(1720) 1801 TELEGRAPH AVE., OAKLAND. Alterations.
Owner—Fox West Coast Theatres, 519 19th St.
Contractor—W. J. Wheeler, 4001 Elston Ave.
Architect—Not Given. $1000

STORE
(1721) 8125-7-9 FOOTHILL BLVD., OAKLAND. One-story store.
Owner & Builder—Jos. S. Biven, 3833 Park Blvd.
Architect—Not Given. $3500

DWELLING
(1722) 8215 NEY AVE., OAKLAND. One-story 5-room dwelling.
Owner—Nelson Vassals, 4832 Walnut Street.
Contractor—Chas. D. Lyon, 6501 Buena Ventura Ave.
Architect—Not Given. $3500
Also 1-story garage, $150.

DWELLING
(1723) 435 SPRUCE, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—Fred Burness, 1907 Parker.
Contractor—Edw. M. Sorensen, 1907 Parker.
Architect—E. L. Snyder, 2101 Shattuck. $5800

PLATFORM
(1724) 2431 PERALTA ST., OAKLAND. Steel Platform.
Owner—Merco-Nordstrom Valve Co., Prem.
Contractor—Austin Co., 516 18th St.
Architect—Not Given. $1500

DWELLING
(1725) 6001 ASCOT DRIVE, OAKLAND. Two-story 6-room dwelling.
Owner—W. Werschkull, Prem.
Contractor—E. Camponenosi, 6401 Broadway Terrace.
Architect—T. L. Confer, 2812 Russell St., Berkeley. $8995

DWELLING
(1726) 1531 77th AVE., OAKLAND. One-story 6-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor — Elmer Johnson, 450 Oakes Blvd., San Leandro.
Architect—Not Given. $3750
Also 1-story garage, $125.

DWELLING
(1727) 1527 77th AVE., OAKLAND. One-story 6-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor — Elmer Johnson, 450 Oakes Blvd., San Leandro.
Architect—Not Given. $3750
Also 1-story garage, $125.

ALTERATIONS
(1728) 461-63 59th ST., OAKLAND. Alterations.
Owner—Colombo Baking Co., 461 59th Street.
Contractor—Paul Metz, 855 44th St.
Architect—Not Given. $1600

DWELLING
(1729) 2274 83RD AVE., OAKLAND. One-story 5-room dwelling.
Owner—G. Chas. Van Linge, 7429 Foothill Blvd.
Contractor—J. S. Flagg, 3387 Marconi Ave.
Architect—Not Given. $3000
Also 1-story garage, $150.

RECONSTRUCTION
(1730) 1321 MARKET ST., OAKLAND. Reconstruct school.
Owner—Oakland School District, 1025 Second Ave.
Contractor—Villadson Bros., 354 Hobart St.
Architect—W. G. Corlett, 1025 Second Ave. $33,550

(1731) 59 MENLO PLACE, BERKELEY. One-story 5-room frame dwelling.
Owner—F. C. Hartman, Prem.
Contractor—W. Vernon Bernard, 227 San Carlos, El Cerrito.
Plans by Owner. $5,472

DWELLING
(1732) 540 CRAGMONT, BERKELEY. Two-story 6-room frame dwelling, and garage.
Owner—Helen Paxson, 40 Highgate Road.
Contractor—John Weston, 1729 Grove.
Architect—E. S. Snyder, 2104 Addison. $4400

DWELLING
(1733) 1010 CRESTON, BERKELEY. One-story 7-room frame dwelling.
Owner—Vernon Ball, Prem.
Contractor—J. M. Walker, 1709 Grove.
Architect—J. M. Walker. $7,000

DWELLING
(1734) 1480 ACTON, BERKELEY. One-story 6-room frame dwelling.

Owner & Builder—J. A. Stroud, Jr., 370 17th St., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland. $4,500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt
2290	Arnott	Owner	4750
2291	Arnott	Owner	4000
2292	Arnott	Owner	4000
2293	Arnott	Owner	4000
2294	Schwartz	Kenison	3500
2295	Biale	Masarie	2000
2296	Peixotti	Bowman	1000
2297	Vogel	Thulin	1400
2298	Steiner	Owner	2500
2299	Standard	Owner	3500
2300	Standard	Owner	3500
2301	Standard	Owner	3500
2302	Standard	Owner	3500
2303	Standard	Owner	3500
2304	Standard	Owner	3500
2305	Sawyer	Owner	1000
2306	Bozzo	Coburn	1000
2307	Schmidt	Owner	3000
2308	Herzig	Owner	5500
2309	Herzig	Owner	4000
2310	Herzig	Owner	6000
2311	New	Elec	2300
2312	Toy	Owner	4000
2313	Jenkel	Johnson	16000
2314	Minkel	Anderson	1500
2315	Golden	Owner	3000
2316	Thomas	Richardson	1500
2317	Delfino	Owner	3000
2318	Depaoli	Berwick	4000
2319	Depaoli	Berwick	4000
2320	Morris	Morris	4000
2321	Costello	Owner	4000
2322	Olsen	Owner	5500
2323	Norton	Rohlmann	1200
2324	Noble	Marshall	22756
2325	Schomacker	Miller	1000
2326	Bauer	Calif.	5000
2327	Golden	QRS	1400
2328	Schorling	Owner	1000
2329	Morris	Morris	4000
2330	Superba	Owner	7000
2331	Landis	Dulruy	12000
2332	Diehl	Bloom	7980
2333	Abel	San Francisco	1000
2334	Foti	Owner	1950

DWELLING
(2290) E. CECILIA, 59 S RIVERA. Two-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $4700

DWELLING
(2291) W. SAN JOSE, 54 S PAULDING. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $4000

DWELLING
(2292) W. SAN JOSE AT S PAULDING. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $4000

DWELLING
(2293) W. SAN JOSE, 28 S PAULDING. Onestory and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given.

DWELLING
(2294) E. 47TH AVE., 100 RIVERA. One-story and basement frame dwelling.
Owner—S. A. Schwartz, 863 Waller.
Contractor—John Kenison, 289 San Jose.
Architect—C. O. Clausen, 746 46th Ave. $3500

ALTERATIONS
(2295) 291 CONNECTICUT. Alter flats.
Owner—Mr. and Mrs. John Biale, Prem.
Contractor—V. Masarie, 2550 19th St.
Architect—Not Given. $2000

ALTERATIONS
(2296) 1256 PINE ST. Alter hotel.
Owner—Edgar R. Peixotti, 701 Crocker Bldg.
Contractor—M. Bowman, 118 Church.
Architect—Not Given. $1000

ALTERATIONS
(2297) 113-115 BARTLETT ST. Alter flats.
Owner—Vogel Estate, care 63 Brady.
Contractor—A. L. Thulin, 63 Brady St.
Architect—Not Given. $1400

DWELLING
(2298) E. MOULTRIE, 200 S CRESCENT. One-story and basement frame dwelling.
Owner—John L. Steiner, 861 Moultrie.
Architect—Not Given. $2500

DWELLING
(2299) E. 25TH AVE., 300 N LAWTON. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah.
Architect—Not Given. $3500

DWELLING
(2300) E. 25TH AVE., 250 N LAWTON. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St.
Architect—Not Given. $3500

DWELLING
(2301) E. 25TH AVE., 325 N LAWTON. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah.
Architect—Not Given. $3500

DWELLING
(2302) E. 25TH AVE., 275 N LAWTON. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St.
Architect—Not Given. $3500

DWELLING
(2303) E. 25TH AVE., 350 N LAWTON. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St.
Architect—Not Given. $3500

DWELLING
(2304) E. 25TH AVE., 225 N LAWTON. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St.
Architect—Not Given. $3500

DWELLING
(2305) W. JERROLD, 200 S MENDELL. One-story frame dwelling.
Owner—Emma Sawyer, 452 Clementina.
Architect—Not Given. $1000

ALTERATIONS
(2306) 73 DUNSMUIR. Alter dwelling.
Owner—A. Bozzo, Prem.
Contractor—Ira W. Coburn, 2048 Market St.
Architect—Not Given. $1000

DWELLING
(2307) E. HARRISON, 181 S 22ND ST. One-story and basement frame dwelling.
Owner—Schmidt Bros., 2888 Folsom.
Architect—Not Given. $3000

DWELLING
(2308) E. PARAISO PLACE, 40 N SLOAT. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat.
Architect—Albert H. Larsen, 333 Kearny St. $5500

DWELLING
(2309) N. CRESTLAKE DRIVE, 984 W SLOAT. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat Blvd.
Architect — Albert H. Larsen, 333 Kearny St. $4000

DWELLING
(2310) W. GOLETA AVE., 200 S SLOAT BLVD. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat.
Architect — Albert H. Larsen, 333 Kearny. $6000

SIGN
(2311) 252 PETRY. Electric sign.
Owner—New Century Beverage Co., 820 Pacific.
Contractor—Elec. Prod. Corp., 910 Harrison.
Architect—Not Given. $2300

ALTERATIONS
(2312) POWELL & O'FARRELL. Alter hotel.
Owner—Harvey M. Toy, Manx Hotel.
Architect—Not Given. $4000

ALTERATIONS
(2313) 316 POST ST. Alter store.
Owner—Jenkel-Davidson Optical Co., Prem.
Contractor—J. Harold Johnson, 639 Brannan.
Architect—Bliss and Fairweather, Balboa Bldg. $16,000

ALTERATIONS
(2314) 1635 PLYMOUTH. Alter a dwelling.
Owner—W. M. Minkel, Prem.
Contractor—Adolph Anderson, 230 Hazelwood Ave.
Architect—Not Given. $1500

DWELLING
(2315) SW HOLLISTER, 100 NE HAWES. One-story and basement frame dwelling.
Owner—Golden Gate Inv. Co., 437 Kearny St.
Architect—Not Given. $3000

ALTERATIONS
(2316) 1440-50 WASHINGTON. Alter apartments.
Owner—E. H. Thomas, Prem.
Contractor—Dan C. Richardson, 4400 19th St.
Architect—Not Given. $1500

ALTERATIONS
(2317) 129 SCOTT ST. Alter flats.
Owner—L. Delfino, 776 Haight St.
Architect—Otto C. Hintermann, 74 New Montgomery. $3000

DWELLING
(2318) S. CAYUGA, 378 SANTA ROSA. One-story and basement frame dwelling.
Owner—L. Depaoli, 29th and Mission.
Contractor—A. Berwick, 1525 Noe St.
Architect—Not Given. $4000

DWELLING
(2319) S. CAYUGA, 353 E SANTA ROSA. One-story and basement frame dwelling.
Owner—L. DePaoli, 29th and Mission.
Contractor—A. Berwick, 1525 Noe St.
Architect—Not Given. $4000

DWELLING
(2320) W. 30TH AVE., 80 S VICENTE. One-story and basement frame dwelling.
Owner—G. W. Morris, 95 Pinehurst Way.
Contractor — Morris & Debret, 95 Pinehurst Way.
Architect—D. E. Jaekle, 126 Post St. $4,000

DWELLING
(2321) E. 27TH AVE., 193 N NORIEGA. One-story and basement frame dwelling.
Owner—Michael Costello, 821 34th Ave.
Architect—Not Given. $4,000

DWELLING
(2322) N. JUDAH, 45 E 31ST AVE. Two-story and basement frame dwelling.
Owner—Carl Olsen, 1386 31st Ave.
Architect—Not Given. $5,500

ALTERATIONS
(2323) S. EVANS, 160 W QUINT. Alter tannery.
Owner—Norton Wool Co., 1600 Fairfax.
Contractor—H. E. Rahlmann, 251 Kearny.
Architect—Not Given. $1200

DWELLING
(2324) N. JACKSON, 50 E SPRUCE. Two-story and basement frame dwelling.
Owner—Chas. Noble, care Contractor.
Contractor—F. S. Marshall, 909 Ashbury.
Architect—William Wilson Wurster, 360 California. $22,756

ALTERATIONS
(2325) 1400 HAYES ST. Alter store and flat.
Owner—F. Schomacker, Prem.
Contractor—Miller & McGillis, 527 19th Ave.
Architect—Not Given. $1000

ADDITION
(2326) N. FRANCISCO, 155 WEST POWELL. Class B Addition.
Owner—Bauer - Schweitzer Hop & Malt Co., 530 Chestnut St.
Contractor—California Steel Products Co., NE Cor. Bay and Taylor Sts.
Engineer—Warren E. Murray, C.E., 908 Hayes St. $5000

SIGN
(2327) GOLDEN GATE AND TAYLOR STS. Electric sign.
Owner—Golden Gate Theatre, Prem.
Contractor—QRS Neon Corp., Ltd., 690 Potrero.
Architect—Not Given. $1400

ALTERATIONS
(2328) 1727 15TH ST. Alter garage.
Owner—George Schorling, 3780 22nd St.
Architect—Not Given. $1000

DWELLING
(2329) W. 30TH AVE., 105 S VICENTE. One-story and basement frame dwelling.
Owner—G. W. Morris, 95 Pinehurst Way.
Contractor — Morris & Debret, 95 Pinehurst Way.
Architect—D. E. Jaekle, 126 Post St. $4000

STOREROOM & OFFICE
(2330) S. 21ST ST., 110 E VAN NESS AVE SO. Class C storeroom and office.
Owner—Superba Packing Co., 1001 Van Ness Ave. South.
Engineer—John Cole, 321 Chenery.
Architect—Not Given. $7,000

DWELLING
(2331) S. WASHINGTON, 196 W MAPLE. Two-story and basement frame dwelling.
Owner—Phillip F. Landis, care Contractor.
Contractor—Fred K. DuPuy, 110 Sutter St.
Architect—Albert Farr and J. Francis Ward, 68 Post St. $12,000

DWELLING
(2332) N. BELGRAVE, 150 EAST STANYAN. One-story and basement frame dwelling.
Owner—Rosa M. Diehl, care Contractor.
Contractor—Julius Bloom and A. Beurman, 944 Phelan Bldg.
Architect—Martin A. Rist, 944 Phelan Bldg. $7,980

ALTERATIONS
(2333) 1655 FILLMORE. Alter store.
Owner—Cecil Abel, Prem.
Contractor—S. F. Bldg. & Construction Co., 2212 Polk.
Architect—Not Given. $1000

DWELLING
(2334) 127 LELAND. Alter dwelling.
Owner—Domenick Foti, 1029 Leland.
Architect—Not Given. $1,950

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
No.	Owner	Contractor	Amt.
150	Sahlein	Roselyn	6600
163	Pitta	Young	4250
164	Noble	Marshall	22756
165	Minkel	Anderson	2000
166	Whedon	Papenhausen	19912
167	Diehl	Bloom	12065
168	Annex	Sommer	7944
169	Landis	DuPuy	14100

ALTERATIONS
(150) 2526 MISSION ST. Alter store.
Owner—Caroline Sahlein, Prem.
Contractor—Leo Roselyn, as Unit-Bilt Fixture Co., 2665 Jones St., San Francisco.
Filed Nov. 5, '36. Dated Oct. 29, '36.
50% of work done.....$3300
Completion 1650
Usual 35 days..... 1650
TOTAL COST, $6600
Bond, $6600. Surety, Standard Accident Insurance Co. Limit, 15 days. Plans and specifications filed.

DWELLING
(163) SW HOLLISTER AVE. 100 NW Hawes. One-story and basement frame dwelling.
Owner—Manuel Pitta, 1025 Hollister Avenue.
Architect—Not Given.
Contractor—Samuel Young, 437 Kearny Street.
Filed, Nov. 6, '36. Dated, Nov. 5, '36.
Signing of agreement.....$ 650.00
Frame up 412.50
Brown coated 1062.50
Completion 1062.50
Usual 35 days..... 1062.50
TOTAL COST, $4,250.00
Limit, 120 days. Plans and specifications filed.

DWELLING
(164) N. JACKSON, 52 E SPRUCE. Two-story and basement frame dwelling.
Owner—Charles A. Noble, Jr., 384 Post St., San Francisco.
Architect—William Wilson Wurster, 260 California St.
Contractor—F. S. Marshall, 799 Ashbury Street.
Filed Nov. 7, '36. Dated Nov. 6, '36.
75% 10th of each month.
25% usual 35 days.
TOTAL COST, $22,756
Limit, March 15. Plans and specifications filed.

ALTERATIONS
(165) 1635 PLYMOUTH AVE. Alter dwelling.
Owner—W. M. Minkel.
Architect—Charles F. Strothoff, 2274 15th St.
Contractor—Adolph Anderson, 230 Hazelwood.
Filed Nov. 9, '36. Dated Nov. 6, '36.
Roof on.....$500
Plaster complete 500
Completion 500
Usual 35 days..... 500
TOTAL COST, $2000
Limit, 60 days. Plans filed.

DWELLING
(166) LOTS 6 & 7, BLOCK 3077, San Andrews Way, St. James Wood. Two-story and basement frame dwelling.
Owner—John F. and Charlotte H. Whedon, 21 Yerba Buena Street, San Francisco.
Architect—William Wilson Wurster, 260 California St., San Francisco.
Contractor—Henry Papenhausen, 595 Victoria St.
Filed Nov. 9, '36. Dated Oct. 26, '36.
Frame complete.....$4978
Plaster 4978
Completion 4978
Usual 35 days..... 4978
TOTAL COST, $19,912
Bond, $9,956. Surety, C. W. Higgins and Robert Costler. Plans and specifications filed.

DWELLING
(167) N. BELGRAVE, 150 E STANYAN. One-story and basement frame and stucco dwelling, with garage.
Owner—Rosa M. Diehl, 422-A Frederick St.
Architect—Martin Rist, Prelan Bldg.
Contractor—Julius Bloom and A. Beurman, 110 Sutter St., San Francisco.
Filed Nov. 10, '36. Dated Nov. 7, '36.
Frame up $3,016.25
Brown coat 3,016.25
Completion 3,016.25
Usual 35 days 3,016.25
TOTAL COST, $12,065.00
Bond, $12,065. Surety, Hartford Accident & Indemnity Co. Limit, 90 days. Plans and specifications filed.

ALTERATIONS
(168) 844 MARKET ST. Alter store.
Owner—Annex Realty Co., Prem.
Architect—Not Given.
Contractor—I. M. Sommer & Co., 709 Mission St., San Francisco.
Filed Nov. 10, '36. Dated Oct. 26, '36.
90% on 15th and 1st of month.
10% usual 35 days.
TOTAL COST, $7,944.00
Bond, $3,972. Surety, American Indemnity Co. Limit, 60 days. Specifications filed.

DWELLING
(169) S. WASHINGTON, 196 WEST MAPLE. Two-story and basement frame dwelling.
Owner—Philip F. and Barbara O. Landis, 2740 Pierce St., San Francisco.
Architect—Albert Farr and J. Francis Ward, 68 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.
Filed Nov. 10, '36. Dated Nov. 7, '36.
75% 27th of month.
25% usual 35 days.
TOTAL COST, $14,100.30
Bond, $14,101.30. Surety, American Bonding Co. of Baltimore. Plans and specifications filed.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
151	Owens	Richmond	62541
153	Merrit	Suell	377.50
154	Merrit	Catucci	2325
155	Merrit	Bethlehem	14997
156	Merrit	White	5289
157	Merrit	Tulloch	34527
158	Merritt	Tulloch	9747
159	Merrit	Makin	11956
160	Merrit	General	668
161	Merrit	Truscon	231
162	Merrit	Oakland	4375
163	Merrit	Otis	6392
164	Merrit	Rigney	4714
165	Merrit	Frauneder	1306
166	Merrit	Benner	1800
167	Merrit	Vincent	137
168	Merrit	Fuller	783
169	Merrit	Van Fleet	1672
170	Merrit	Dwan	636
171	Merrit	Kenny	9891
172	Merrit	Nelson	29395

SHEET METAL WORK & ROOF
(151) FRUITVALE AND ALAMEDA AVES., OAKLAND. Sheet metal work and roofing.
Owner—Owens Illinois Pac. Coast Co., 1853 Folsom St., San Francisco.
Contractor—Richmond Sheet Metal Works, 520 16th St., Richmond.
Filed Nov. 6, '36. Dated Oct. 31, '36.
Tenth day each month, 75% labor and material.
30 days after completion, 25%.
TOTAL COST, $62,541
Bond, $62,541. Surety, Pac. Indem. Co. Plans and specifications filed.

ADDITION
(153) OAKLAND. Demolishing, removal and Repair for addition to Samuel Merritt Hospital.
Owner—Samuel Merritt Hospital.
Architect—Masten & Hurd., 233 Post
Contractor—D. J. Suell.
Filed Nov. 6, '36. Dated Sept. 10, '36.
75% labor and material 15th day of each month.
25% usual 35 days.
TOTAL COST, $377.50
Bond, $188.75. Surety, U. S. Fidelity & Guar. Limit, 10 days. Plans and specifications filed.

BACKFILL & GRADING
(154) OAKLAND. Backfill and grading.
Owner—Sam Merritt Hospital.
Architect—Not Given.
Contractor — J. Catucci, 1212 18th Ave., Oakland.
Filed Nov. 6, '36. Dated Sept. 10, '36.
75% labor and material, 1st day of each month.
25% usual 35 days.
TOTAL COST, $2325.00
Bond, $1162.50. Surety, Maryland Casualty Co. Plans and specifications filed.

FABRICATION
(155) OAKLAND. Fabrication and struss steel.
Owner—Samuel Merritt Hospital.
Architect—Not Given.
Contractor—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.
Filed Nov. 6, '36. Dated Sept. 4, '36.
75% labor and material, 1st day each month.
25% usual 35 days.
TOTAL COST, $14,997
Limit, 85 days. Plans and specifications filed.

BRICK & STONE WORK
(156) OAKLAND. Brick and stone work.
Owner—Samuel Merritt Hospital.
Architect—Not Given.
Contractor—White & Gloor, 448 Monadnock Bldg., San Francisco.
Filed Nov. 6, '36. Dated Sept. 14, '36.
75% labor and material, 15th day each month.
25% usual 35 days.
TOTAL COST, $5289
Bond, $2644.50. Surety, American Bonding Co. Limit, 90 days. Plans and specifications filed.

CONCRETE & STEEL REINF.
(157) OAKLAND. Concrete and steel reinforcement.
Owner—Samuel Merritt Hospital.
Architect—Not Given.
Contractor—John F. Tulloch, 420 W. 77th St., Los Angeles.
Filed Nov. 6, '36. Dated Sept. 10, '36.
75% labor and material, 15th day each month.
25% usual 35 days.
TOTAL COST, $34,527.
Bond, $17,265. Surety, Fidelity and Casualty Co. Limit, 60 days. Plans and specifications filed.

ROUGH FINISH CARPENTRY
(158) OAKLAND. Rough finish carpentry.
Owner—Samuel Merritt Hospital.
Architect—Not Given.
Contractor—John F. Tulloch, 420 W. 77th St., Los Angeles.
Filed Nov. 6, '36. Dated Sept. 18, '36.
75% labor and material, 15th day each month.
25% usual 35 days.
TOTAL COST, $9747
Bond, $9747. Surety, Fidelity & Cas. Co., N. Y. Limit, 100 days. Plans and specifications filed.

(159) OAKLAND. Furring, lathing and plastering.
Owner—Samuel Merritt Hospital.
Contractor—W. M. Makin, 2141 Livingston St., Oakland.
Filed Nov. 6, '36. Dated Sept. 18, '36.
75% labor and material, 1st day each month.
25% usual 35 days.
TOTAL COST, $11,956
Bond, $11,956. Surety, Fidelity and Casualty Co. of N. Y. Limit, 100 days. Plans and specifications filed.

(160) OAKLAND. Roofing & Sheet Metal Flashing.
Owner—Samuel Merritt Hospital.
Contractor—General Roofing Co., Rt. 1, Box 1395.
Filed Nov. 6, '36. Dated Sept. 14, '36.
75% labor and material, 1st day each month.
25% usual 35 days.
TOTAL COST, $668.00
Bond, $334. Surety, Firemans Fund Indem. Co. Limit, 90 days. Plans and specifications filed.

(161) OAKLAND. Steel sash.
Owner—Samuel Merritt Hospital.
Contractor—Truscon Steel Co., 604 Mission St., San Francisco.
75% labor and material, 15th day each month.
25% usual 35 days.
TOTAL COST, $231
Limit, 90 days. Plans and specifications filed.

(162) OAKLAND. Terrazzo work.
Owner—Samuel Merritt Hospital.
Contractor — Oakland Concrete & Terrazzo Co., 2227 Market St., San Francisco.
Filed Nov. 6, '36. Dated Oct. 15, '36.
75% labor and material, 15th day each month.
25% usual 35 days.
TOTAL COST, $4375
Bond, $2187.50. Surety, New York Cas. Co. Limit, 60 days. Plans and specifications filed.

ELEVATORS
(163) OAKLAND. Elevators.
Owner—Samuel Merritt Hospital.
Contractor—Otis Elevator Co., No. 1 Beach St., San Francisco.
Filed Nov. 6, '36. Dated Sept. 14, '36.
75% labor and material, 1st day of each month.
25% usual 35 days.
TOTAL COST, $6392
Limit, 98 days. Plans and specifications filed.

FINISH TILE WORK
(164) OAKLAND. Finish tile work.
Owner—Samuel Merritt Hospital.
Contractor—Rigney Tile Co., 3012 Harris St., Oakland.
Filed Nov. 6, '36. Dated Sept. 18, '36
75% labor and material, 1st day of each month.
25% usual 35 days.
TOTAL COST, $4714.00
Bond, $2357. Surety, Maryland Cas. Co. Limit, 100 days. Plans and specifications filed.

(165) OAKLAND. Cast and wrought metal work.
Owner—Samuel Merritt Hospital.
Contractor—C. Trauneder, 335 8th St., Oakland.
Filed Nov. 6, '36. Dated Sept. 14, '36.
75% labor and material, 1st day of each month.
25% usual 35 days.
TOTAL COST, $1306.00
Limit, 90 days. Plans and specifications filed.

SHEET METAL WORK
(166) OAKLAND. Sheet metal work.
Owner—Samuel Merritt Hospital.
Contractor—Benner & Nawman, 3421 Hollister St., Oakland.
Filed Nov. 6, '36. Dated Sept. 14, '36.
75% labor and material, 15th day each month.
25% usual 35 days.
TOTAL COST, $1800
Bond, $900. Limit, 90 days. Plans and specifications filed.

DUMBWAITERS
(167) OAKLAND. Dumbwaiters.
Owner—Samuel Merritt Hospital.
Contractor—Vincent Whitney Co.
Filed Nov. 6, '36. Dated Sept. 14, '36.
75% labor and material, 1st day of each month.
25% usual 35 days.
TOTAL COST, $137.50
Limit, 90 days. Plans and specifications filed.

GLASS AND GLAZING
(168) OAKLAND. Glass and glazing.
Owner—Samuel Merritt Hospital.
Contractor—W. P. Fuller Co., 259 10th St., Oakland.
Filed Nov. 6, '36. Dated Sept. 14, '36
75% labor and material, 1st day of each month.
25% usual 35 days.
TOTAL COST, $783.00
Limit, 90 days. Plans and specifications filed.

LINOLEUM & RUBBER TILE
(169) OAKLAND. Linoleum and rubber tile.
Owner—Samuel Merritt Hospital.
Contractor—Van Fleet Freear Co., 57 Howard St.
Filed Nov. 6, '36. Dated Sept. 22, '36.
75% labor and material, 15th day of each month.
25% usual 35 days.
TOTAL COST, $1672
Limit, 110 days. Plans and specifications filed.

(170) OAKLAND.
Owner—Samuel Merritt Hospital.
Contractor—Dwan & Co., 126 Post Street.
Filed Nov. 6, '36. Dated Sept. 22, '36.
75% labor and material, 1st day of each month.
25% usual 35 days.
TOTAL COST, $636.30
Limit, 110 days. Plans and specifications filed.

ELECTRICAL WORK
(171) OAKLAND. Electrical work.
Owner—Samuel Merritt Hospital.
Contractor—Kenny Bros., 7 Front St., San Francisco.
Filed Nov. 6, '36. Dated Sept. 18, '36.
75% labor and material, 1st day of each month.
25% usual 35 days.
TOTAL COST, $9891
Limit, 120 days. Plans and specifications filed.

PLUMBING, HEATING, VENTILATING
(172) OAKLAND. Plumbing, heating, ventilating.
Owner—Samuel Merritt Hospital.
Contractor—Jas. A. Nelson, Inc., 2304 Clement Ave., Alameda.
Filed Nov. 6, '36. Dated Sept. 18, '36.
75% labor and material, 1st day of each month.
25% usual 35 days.
TOTAL COST, $29,395.73
Bond, $29,395.73. Surety, U. S. Guar. Co., N. Y. Limit, 120 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
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8.—Club Buildings
9.—Hospitals
10.—Hotels
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13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
APARTMENTS Cost, $18,000 ea.
SAN MATEO, San Mateo Co., Calif. Baywood. Haywood.
Two 2-story frame apartment buildings (4 apartments each), tile baths, hardwood floors, gas furnaces, shingle roofs, steel sash, etc.
Owner—George Ames.
Architect—Higgins & Root (Chester Root, architect), Security Bldg., San Jose.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Plans Being Completed
ALTERATIONS Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. 12th and L Streets.
Alterations to Francesca Apts. (redecorate 28 apts.; install new furniture).
Owner—D. Lager.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

3— CHURCHES

Preparing Plans
CHURCH Cost, $——
RICHMOND, Contra Costa Co., Cal. Bissell Avenue.
Owner — First Presbyterian Church, Richmond.
Architect—Not Given.

To Be Done By Day's Work
CHURCH AND PARSONAGE Cost, $5,000
FRESNO, Fresno Co., Calif. Tenth and Mono Streets.
New church and parsonage; mission style adobe bldg. with full basement.
Owner—East Side Christian Church (Rev. Emery W. Snyder, Pastor) Fresno.
Architect—Not Given.

4— FACTORIES & WAREHOUSES

Contract Awarded
INDUSTRIAL BUILDING Contract Price, $26,639
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Partial one- and two-story steel industrial building (100x160 feet) steel sash, shop and offices.
Owner—Latham Co., Inc.
Architect—Albert Roller, Crocker 1st National Bank Bldg., San Francisco.
Contractor—D. L. Bienfield, 666 Mission St., San Francisco.

CONTRACT AWARDED
WHITTIER, Los Angeles County, Calif.—Harman & Co., 3044 Riverside Dr., Los Angeles, awarded contract at $62,000 for construction of three-story reinf. concrete lemon storage building to be built at 901 Whittier Blvd. for Murphy Ranch Co. W. W. Ache, architect.

FIRE LOSS
ROSEVILLE, Placer Co., Calif.—Fire destroyed the slaughter house of J. B. Mitchell and Jost Zwyer on November 8th, with damage estimated at $30,000.

Completing Working Drawings
DISTILLERY Cost, $——
SAUSALITO, Marin Co., Calif.
Alterations to existing buildings and construction of a new group of buildings for whiskey distillery (reinforced concrete filter piles, concrete foundations, terra cotta tile walls, steel frame, copper and wood tanks, scales, cookers, etc.)
Owner — American Distillery, Sausalito.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.
Bids will be asked in about two weeks.

Sub-Contracts Awarded
SHOP Cost, $30,000
SAN FRANCISCO. SW Harrison & Main Streets.
Class C Shop.
Owner—Christie Machine Works, 222 Howard Street.
Architect—Dodge A. Reidy, 821 Market Street.
Engineer—W. H. Ellison, Pacific Building.
Contractor—Geo. Wagner, 181 South Park.
Excavation—Sibley Grading & Teaming Co., 165 Landers Street.
Lumber—Loop Lumber Co., foot of 16th St., Central Basin.
Ready-Mix Concrete—John Cassaretto Co., 345 Berry Street.
Plumbing—J. H. Pinkerton, 927 Howard Street.
Steel Sash — Detroit Steel Co., 111 Sutter Street.
Structural Steel—Judson Pacific Co. 609 Mission Street.
Miscellaneous Iron — Schrader Iron Works, 1247 Harrison Street.
All of San Francisco.

Sub Contracts Awarded
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass mfg. plant (brick and insulux glass construction), concrete foundations, corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, vice-president in charge).
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Mgr. of Construction—P. J. Walker Company, Sharon Building, San Francisco.
Mechanical Engineer—A. R. McLaren, 611 Howard St., San Francisco.
Electrical Engineers—Kuchel & Sievers, 468 5th St., San Francisco.
Bids on rolling doors are in and being held under advisement.
Steel Sash—Truscon Steel Co., 604 Mission St., San Francisco.
Plumbing—Robert Fearey, 1075 40th St., Oakland.
As previously reported, electrical work to Kuchel & Sievers, 468 5th St., San Francisco; sheet metal to Richmond Sheet Metal Works, 520 16th St., Richmond; water sprinklers to Fire Protection Engineering Co., 369 Pine St., S. F.; water tank and tower to Pittsburgh-Des Moines Steel Co., Rialto Bldg., S. F.; ventilators to H. H. Robertson Co., 50 Hawthorne St., S. F.; brick and insulux to Larsen & Larsen, 633 Bryant St., San Francisco; Underground Sewage System, Herman Lawson, 465 Tehama St., San Francisco; ready-mix concrete, Transit Concrete Co., Ltd., 6th and Berry Sts., San Francisco.
Concrete work (Building No. 7, Batch Plant) awarded to Barrett & Hilp, 918 Harrison St., San Francisco; structural steel (entire job) to Moore Dry Dock Co., foot of Adeline St., Oakland; piling to Raymond Concrete Pile Co., 333 Montgomery St., San Francisco; excavation, filling and grading to Heafey-Moore Co., 344 High St., Oakland, and chimneys to Alphons-Custodis Chimney Const. Co., New York City.

To Be Done By Day's Work
SHOP Cost, $40,000
OAKLAND, Alameda Co., Calif. Foot of Adeline St.
One-story steel shop.
Owner & Builder—Moore Dry Dock Co., foot of Adeline St., Oakland.
Architect—Not Given.

5— FLATS

Bids In—Held Under Advisement
FLATS Cost, $.....
SAN FRANCISCO. SW 25th and Alabama Sts.
Two 2-story frame and stucco flat buildings (4 flats of 4- and 5-rooms), flat composition roof, gas furnaces, hardwood floors, tile baths, etc.
Owner — Tony Formosa, 1333 Alabama Street.
Architect—H. C. Baumann, 251 Kearny Street.

To Be Done By Day's Work
FLATS Cost, $9,500
OAKLAND, Alameda Co., Calif. 2733-35 Park Blvd.
Two-story flat building (12 rooms).
Owner & Builder—Frank Steffensen, 1300 Webster St., Oakland.
Architect—Not Given.

To Be Done By Day's Work
FLATS Cost, $9,000
SAN FRANCISCO, Calif. 42nd Ave. and Fulton St.
Two-story frame and stucco flat building.
Owner—M. Donough, 148 Randall St., San Francisco.
Architect—C. O. Clausen, 746 46th Ave., San Francisco.

6—GARAGES & SERVICE STATIONS

Planned
SERVICE STATION Cost, $——
SANTA CRUZ, Santa Cruz Co., Cal. Front and Soquel Avenues.
Standard steel super service station and automobile display rooms.
Owner—Howard Emigh.
Architect—Not Given.

Contract Awarded
SERVICE STATION Cost, $6,500
SAN JOSE, Santa Clara Co., Calif. 105 S. 4th St.
Gasoline service station.
Owner—Union Oil Co. of California.
Plans by Engineering Department of Owner.

Contractor—Earl W. Heple, 494 Delmas Ave., San Jose.

Preparing Preliminary Plans
BUS TERMINAL Cost, $——
EMERYVILLE, Alameda Co., Calif. Block bounded by San Pablo Avenue, 45th, 47th and Watts Sts.
New steel and concrete motor coach terminal.
Owner—Railway Equipment & Realty Co., Ltd., 2129 Grove St., Oakland.
Lessee—East Bay Transit Co. (Alfred J. Lundberg, President).
Architect—Andrew T. Hass, Underwood Bldg., San Francisco.

7— FEDERAL BUILDINGS

BIDS OPENED
REDONDO BEACH, Los Angeles Co., Calif.—The Meyberg Co., 2845 W. 7th St., Los Angeles, at $295, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for exterior bracket lamps at the U. S. Post Office, Redondo Beach.
Complete bids follow:
The Meyberg Co., Los Angeles....$295
Imperial Bronze Co., Washington, D. C. 374
Mutual Metal Mfg. Co., Cincinnati, Ohio 484
The Reading Chandelier Wks., Reading, Pa. 600
Columbian Art Metal Works, Guttenberg, N. J. 790

BID CALL CANCELLED
SAN PEDRO, Los Angeles Co., Calif.—Procurement Division, Public Buildings Branch, Washington, D. C., cancelled bid call to close November 5 for metal counters and shelving at the U. S. Post Office and Courthouse at San Pedro.

CONTRACT AWARDED
PEARL HARBOR, T. H.—Southern Equipment Co., St. Louis, Mo., at $59,314, awarded contract by Bureau of Yards & Docks, Navy Department, Washington, D. C., for furnishing and installing kitchen equipment at the Naval Fleet Air Base, Pearl Harbor, T. H.
Work includes ranges, fry kettles, steamers, steam kettles, coffee urns, mixing machines, tables, cabinets, proof boxes, ovens, dough divider, troughs, bread slicer, mixing machines, flour handling equipment, dough mixer, racks, slicing and peeling machines, chopper, meat bone and fish cutting machine, dishwashing machines, waffle irons, hot plates, refrigerators, shelves, combination counters and steam tables, pipe railing, hoods, fans and connections to existing service lines. Spec. No. 8220.

BIDS WANTED
FORT DEFIANCE, Ariz. — Until December 10, 2 p.m., bids will be received by the Department of the Interior, Purchasing Office, 18th and F Sts., NW, Washington, D. C., for construction of the Navajo General Hospital, Fort Defiance, Ariz., approximately 30 miles from the nearest railroad at Gallup, N. M. Bid bond or certified check for 5 per cent must accompany each bid. Plans and specifications may be obtained from the above office upon deposit of a certified check or money order for $25 per set. The building will be a three-story, native stone building with furred exterior walls, tile partitions, steel joist floor and roof framing. The central portion is approximately 44x246 feet, with three-story wings at each end approximately 33x44 feet. There is a one-story kitchen wing and a one-story boiler room wing at the rear, the kitchen wing 61x76 feet and the boiler room wing 44x88 feet. The floors are finished generally in terrazzo and linoleum, and the roofs are built-up felt and gravel. Three 85-horsepower, high-pressure steam boilers supplying medium and low-pressure steam for sterilizers and for heating, respectively, are included in the contract; also included are kitchen equipment, refrigeration equipment, cold storage equipment, sterilizers, elevator, electric wiring, and plumbing. Native stone for exterior walls will be furnished to the contractor at the site by the government.

LOW BIDDER
GRANTS PASS, Oregon—Henry L. Grohne, Decatur, Ill., at $488.00 submitted low bid to Procurement Division, Public Bldgs. Branch, Washington, D. C., for concrete curbs at the U. S. post office, Grants Pass.
Only other bid submitted by Public Building Contractors, Bronx, N. Y., at $493.00.

BIDS WANTED
TERMINAL ISLAND, Los Angeles Co., Cal.—Until Nov. 19, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8280, for remodeling buildings at the 11th Naval District (Fleet Aviation Facilities), Terminal Island, Los Angeles Harbor. Estimated cost, $2,500.
The work consists of alterations to two existing one-story, timber frame buildings. One building was formerly used as a bath house and locker rooms and one used as a refreshment stand, both in connection with former bathing facilities on the beach at Terminal Island. The buildings are to be remodeled to provide dormitory and messing accommodations for twenty men and for officers ready rooms and offices, all for use of personnel in connection with the newly constructed fleet aviation facilities. The project will include carpentry and joinery work, plumbing, electrical, painting and other miscellaneous works for making the required alterations.
Plans and specifications obtainable from the above office upon deposit of check or money order for $10, payable to the Chief of the Bureau of Yards and Docks.

Bids Wanted — To Close Dec. 4, 1 P. M.
POST OFFICE Cost, $210,000
PROVO, Utah.
U. S. Post Office Building.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for two sets of plans.

BIDS WANTED
WEST COAST. — Bids are being received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8350, for the construction of a steel floating dry dock 446 ft. long and 68 ft. beam, to be situated on the West Coast, exact location not determined at present.
Plans and specifications obtainable from the above office upon deposit of certified check for $300, payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED
MARE ISLAND.—Until December 2, 11 a.m., bids will be received by the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8380, for converting two combination electric freight and passenger elevators located in Building No. 390 at the Mare Island Navy Yard, from car switch to push-button control, including safety devices and accessories.
Specifications obtainable from the Commandant, Mare Island Navy Yard, upon deposit of check or money order for $5, payable to the Chief of the Bureau of Yards & Docks, Navy Department, Washington, D.C.

LOW BIDDERS
SAWTELLE, Los Angeles Co., Cal. —Contracting Engineers, Inc., 2301½ W. Vermont Ave., Los Angeles, at $124,000, submitted low bid for general construction work to Veterans' Administration, Room 765, Arlington Bldg., Washington, D. C., for constructing additions to Kitchen Bldg. No. 163, at Veterans Administration Facility, Los Angeles, California. Work will include roads, walks, grading and drainage, excavating, reinforced concrete, hollow building tile, brickwork, cast stone, enameled wall blocks, slate stair treads, terrazzo, floor tile, compressed asphalt tile, waterproofing, metal work, steel stairs, steel cabinets, shelving and partitions, steel sash, built-up roofing, roof ventilators, skylights, metal lathing, plastering, carpentry, acoustical treatment, insulation, platform scales, insect screens, painting, glazing, hardware, plumbing, heating, electrical work, outside service connections, electric elevator reconstruction and electric dumbwaiter, refrigerating and ice-making plant, etc.
Low bidders follow:
General Construction
Contracting Engineers, Inc., Los Angeles $124,000
Sarver & Zoss, Los Angeles.... 125,400
Electric Elevators
Beckwith Elevator, Ltd., 1339 Santa Fe Ave., L. A..... 2,740
Refrigeration and Ice Making Plant
Kohlenberger Engr. Corp., Fullerton 18,840

LOW BIDDER
HOOD RIVER, Ore., P. O.—Newman Bros., McMinnville, Ore., at $386, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc., in the U. S. Post Office at Hood River. Only other bid submitted by Henry L. Grohne, Decatur, Ill., at $692.

BIDS WANTED
LODI, San Joaquin Co., Calif.—Until November 13, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing insect screens in the U. S. Post Office at Lodi.

BIDS WANTED
LOS ANGELES, Calif.—Until December 3, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc., in the U. S. Quarantine Station at Los Angeles.
Specifications obtainable at the above office and from the Custodian of the Building, Los Angeles.

BIDS WANTED
HILO, Hawaii. — Until November 25, bids will be received by the Public Works, U. S. Navy Yard, Pearl Harbor, under Spec. 8305, for obstacle lights on towers at Hilo.
Estimated cost, $500.

MARE ISLAND.—Until December 9, new bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8376, for automatic equipment to convert four 300-hp. oil-fired boilers now installed at the Mare Island Navy Yard, to full automatic control and operation for both natural gas and fuel oil.
Plans an dspecifications obtainable from the above office and from the

Commandant, Mare Island Navy Yard, upon deposit of $10.

E. A. Cornely, Inc., San Francisco, at $10,273, submitted the previous low bid.

CONTRACT AWARDED

SAN MATEO, Santa Clara Co., Cal. —Public Buildings Contractors, The Bronx, New York, at $499.99, awarded contract by Procurement Division, Public Buildings Branch, Washington, D. C., for sidewalks, gutters, etc., for the U. S. Post Office at San Mateo.

BIDS OPENED

SPRINGERVILLE, Arizona.—MacDonald Construction Co., 3829 West Pine St., St. Louis, Mo., at $79,738, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for the construction of the U. S. Forestry, P. O., etc., building at Springerville, Arizona.

Complete bids follow:

MacDonald Construction Co., St. Louis, Mo. $79,738
..... Alt. add 60

Robert E. McKee, El Paso, Texas 82,000
..... Alt. add 110

L. F. Dow Co., Los Angeles 87,461
..... Alt. add 300

Thomas L. Dawson Co., Kansas City, Mo. 118,500
..... Alt. add 150

Contract Awarded

POST OFFICE AND COURTHOUSE Contract Price, $15,888

SITKA, Alaska.

U. S. post office and courthouse.

Owner—United States Government.

Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Contractor—J. B. Warrack, 1331 3rd Ave. Bldg., Seattle.

Complete bids published Nov. 4.

BIDS WANTED

CASPER-ALCOVA PROJ., Wyo.—Until Nov. 19, 10 A. M., bids will be received by the Bureau of Reclamation, H. W. Bashore, Construction Engineer, Casper, under Spec. No. 854-D, for furnishing and installing weather stripping for two buildings and eight residences at the Government camps at the Seminoe and Alcova Dams, Casper-Alcova project, Wyoming.

The Government camp at the Seminoe Dam is located about 37 miles northeast of Parco, and the camp at Alcova Dam is about 33 miles southwest of Casper.

Plans and specifications obtainable from the Bureau of Reclamation, Casper, Wyo., or Denver, Colo., without charge to prospective bona fide bidders; to others, $1.50, not returnable.

8— CLUB BUILDINGS

Plans Completed

LODGE BUILDING Cost, $8,500

CAMPBELL, Santa Clara Co., Calif.

One-story and basement frame lodge building, tile roof, hot air heat, etc.

Owner—Santa Clara County Grange.

Architect—Chas. McKenzie, Twohy Bldg., San Jose.

Bids will be asked in about ten days.

9— HOSPITALS

PREPARING WORKING DRAWINGS

SAN LUIS OBISPO, Calif.—Architects A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, are preparing working drawings for a reinf. concrete tuberculosis hospital to be built by San Luis Obispo county, a PWA project. There will be a central building with accommodations for 30 patients, containing 15 private rooms, wards, treatment rooms, screened porches and sun rooms. There will be a second building housing a children's ward. Cost, $37,000. E. A. Evans, structural engineer.

GRANT APPROVED

PHOENIX, Arizona. — The PWA has approved a grant of $93,616 to the State of Arizona toward construction of additional buildings at the Arizona State Hospital for the Insane, Phoenix. Total cost of the work is estimated at $208,036.

Project includes a one-story brick women's ward building providing for 216 beds, lockers, showers, dining and serving rooms, offices, and two visiting rooms; a two-story reinforced concrete occupational therapy building, with a ramp to the second floor, and a new one-story brick hospital building, providing administration, medical, nursing, and cooking departments; special medical apparatus for operating and X-ray departments; a two-story porch addition to the present women's ward, etc.

Planned

HOSPITAL Cost, $81,000

PITTSBURG, Contra Costa Co., Cal.

One-story reinforced concrete community hospital building (20 beds), composition roofing; steam heat.

Owner—City of Pittsburg.

Architect—Dragon & Schmidts, 3016 Telegraph Ave., Berkeley.

The city council plans to call a bond election to finance the work.

Plans Being Completed

HOSPITAL Church, $——

PORTERVILLE, Tulare Co., Calif.

Hospital building (surgery, emergency room, delivery room, X-ray room, laboratory and doctors' lounge; 20 beds, eight private rooms, heating and cooling systems, indirect lighting, modern furnishings and equipment.

Owner—Miss Helen Grable.

Architect—Not Given.

Preparing Plans

HOSPITAL Cost, $44,537

DELANO, Kern Co., Calif.

One-story hospital clinic (reinforced concrete floors, walls and ceilings; tile roof over wood frame; interior partitions metal studs, metal lath and plaster, low pressure steam heat; air washer and cooling system; compressed air; call system; high pressure steam for sterilizing.

Owner—County of Kern.

Architect—Edward J. Symmes, Haberfelde Bldg., Bakersfield.

A grant of $20,041 was recently approved by the PWA.

Sub-Contracts Awarded

HOSPITAL Cont. Price, $22,656.50

MERCED, Merced Co., Calif.

Two-story Class C addition to hospital (20 beds).

Owner—Mercy Hospital, Merced.

Architect—M. A. Sheldon, Monadnock Bldg., San Francisco.

Contractor—Liner and Allen, 130 27th Street, Merced.

As previously reported, plumbing, heating and electric work awarded to Sanitary Plumbing Co., 820 H St., Merced, at $9,066; linoleum to Werner E. Anderson, 177 Post St., San Francisco, at $1,727.

Roofing and Glass—Cross Lbr. Co., S. P. Reservation.

Lumber & Mill Work—Cross Lbr. Co.

Plumbing and Sheet Metal—Sanitary Plumbing Co., 745 17th St., Merced.

Iron Grille Work—Kyle & Co., 346 G St., Fresno.

Brick and Stone Work—N. P. Blakeman.

Grading—J. W. Huffman, 15th St.

Foundations & Concrete—Bill Bailey Carol Courts.

Hardware—Bedesen and McNamara, 637 L Street.

Painting—Zierenberg & Son, 407 22nd Street.

Lathing and Plastering—E. A. Hilton, McSwain Road.

Tile Work—C. L. Frost.

All of Merced unless otherwise noted.

November 11, 1936.

Bids Wanted — To Close November 17, 2 P. M.

HOSPITAL BLDG. Cost, $.....

TULARE, Calif. Tulare County Hospital.

Therapeutic hospital building (addition to Tulare County Hospital).

Owner—County of Tulare.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Bids to be opened at the Courthouse, Visalia, Tulare Co.

Plans and specifications obtainable from the office of the Board of Supervisors, Courthouse, Visalia, upon deposit of $10.

Following are figuring plans:

R. Hodgson & Sons, 510 2nd Street, Porterville.

Midstate Construction Co., 245 Clinton Ave., Fresno.

R. P. Moore, 3662 Verrue Ave., Fresno.

Harris Construction Co., 577 McKinley Ave., Fresno.

W. J. Ochs, Pacific Southwest Bldg., Fresno.

L. H. Hansen & Son, 934 Safford Ave., Fresno.

BID OPENING POSTPONED

SAN DIEGO, Calif.—Until Nov. 25, 11 a.m. (bid opening postponed from Nov. 11), bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for the construction of the south ward at the Naval Operating Base (Hospital), San Diego. Spec. No. 8242.

Work includes concrete construction, steel, iron and bronze, tile roofing, metal studding, stucco, marble, tile, terrazzo, cork tile flooring, lumber and mill work, plumbing, heating and electrical work. Estimated cost, $260,000.

Plans and specifications may be obtained from above office and from the Commandant, Naval Operating Base, San Diego, upon deposit of $50.00.

10— HOTELS

Sub Contracts Awarded

ADDITION Cont. Pr., $68,370

SAN FRANCISCO. Turk and Mason Streets.

Nine-story steel frame and concrete addition to Oxford Hotel (thirty rooms).

Owner—Arnold Haas.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Contractor—W. C. Tait, 883 Market St., San Francisco.

Steel—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.

Terra Cotta—N. Clark & Sons, 116 Natoma St., San Francisco.

Wrecking—John Falstrum, San Francisco.

Preparing Preliminary Plans

HOTEL Cost, $15,000

CUMMINGS, Mendocino Co., Calif.

Two-story frame hotel.

Owner—Withheld.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans Being Completed

ALTERATIONS Cost, $20,000

SACRAMENTO, Sacramento Co., Cal.

Eighth and L Streets.

Alterations to Hotel Berry (installation of showers in majority of bathrooms; new tiling in seventy bathrooms; insulate roof; redecorate rooms, modernize, air-condition coffee shop; air-condition lobby.)
Owner—D. Lager.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

12— POWER PLANTS

GRANT APPROVED

WINNEMUCCA, Nevada. — The PWA has approved a grant of $54,370 to the City of Winnemucca, Humboldt County, to aid in construction of a municipal electric light and power plant and general distribution system, estimated to cost $120,800.

The light and power plant will consist of two 300-hp. Diesel engines and direct connected generators with all necessary switchboards and accessories to complete a modern plant. The distribution system will be an overhead system and will consist of wood poles, overhead conductors, transformers, meters, etc., to service the entire city, approximately 700 connections.

Construction will be delayed by a suit of the Western States Power Co., asking an injunction to restrain the city permanently.

TO ASK NEW BIDS

SEWARD, Alaska.—New bids probably will be asked in March, 1937, by the Town of Seward, D. C. Brownell, mayor, for construction of a hydro-electric plant, a PWA project. Approximately $140,000 is available for the work.

Prospective bidders are requested to contact Consulting Engineers Hubbell & Waller, Alaska Bldg., Seattle.

R. J. Sommers, Juneau, at $278,000, submitted the only bid received October 12.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED

MODESTO, Stanislaus Co., Cal.—J. F. Dickinson, 716 10th St., Modesto, at $1,145 was awarded contract by Modesto City Council, for furnishing a heating system at 717 Tenth Street.

Contract Awarded
FIREHOUSE Cont. Pr., $3,994.50
MILLBRAE, San Mateo Co., Calif.
One-story frame and stucco firehouse lounge room, kitchen, shower room).
Owner—Millbrae Fire Protection District.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Moody J. Henry, 132 Bancroft Road, Burlingame.

Bonds Defeated
JAIL Cost, $60,000
UKIAH, Mendocino Co., Calif.
Two-story reinforced concrete county jail (steam heat, composition roof, two cell blocks to accommodate 20 prisoners each; sheriff's offices, kitchen, psychopathic ward, women's and juvenile sections).
Owner—County of Mendocino.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Bond election in the amount of $60,000 was defeated on Nov. 3.
Announcement will be made later.

CONTEMPLATED

REDDING, Shasta Co., Calif.—City Council considering proposal to construct central fire station at cost of $55,000 and West Side District Station at cost of $7,000 to house additional fire department equip.

Bids Wanted — To Close November 21, 10 A. M.
ADDITION Cost, $3,000
TUOLUMNE, Tuolumne Co., Calif.
Stage addition to Memorial Hall (brick walls).
Owner—County of Tuolumne.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Plans and specifications obtainable from the office of the County Clerk, Sonora.

BIDS WANTED

SAN MATEO, Calif.—Until Nov. 23, 8 p.m., bids will be received by the City of San Mateo City Council for the construction of a City Pound.

Plans and specifications obtainable at the office of the City Clerk, City Hall. Additional information obtainable at the office of the City Manager, City Hall.

Plans Being Completed
FIRE HOUSE AND SHOP BLDG. Cost, $34,891
PORTERVILLE, Tulare Co., Calif.
One-story and basement reinforced conc. fire house, concrete floors, wood roof on steel trusses, plastered masonry or metal lath interior walls, painted conc. exterior walls, plumbing and heating. One - story reinforced concrete shop building, corrugated iron roof on steel trusses, concrete floors.
Owner—City of Porterville.
Architect—W. D. Coates, Rowell Bldg., Fresno.
A grant of $15,700 has been approved by the PWA.
Bids will be asked shortly.

14— RESIDENCES

Contract Awarded
RESIDENCE Cont. Price, $12,065
SAN FRANCISCO. Belgrave Avenue near Stanyan Street.
One - story frame and stucco residence (6 rooms) shingle tile roof, hot air heating system, hardwood flors, tile bath, garage.
Owner—Rosa Diehl.
Architect—M. J. Rist, Phelan Bldg.
Contractors—Julius Bloom and Alfred Beurman, 110 Sutter St.

Contract Awarded
RESIDENCE Cont. Pr., $14,100.30
SAN FRANCISCO. Washington St.
Three-story frame residence (nine rooms, 4 baths). asbestos shingle roof, tile baths, hardwood floors, Redwood siding, fireplace, gas furnace, etc.
Owner—Phillip Landis.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,500
BERKELEY, Alameda Co., Calif. 1010 Creston Ave.
One-story frame and stucco residence (7 rooms).
Owner—Vernon Ball.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Bids In—Held Under Advisement
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Calif.
Two - story frame and stucco residence (7 rooms, 3 baths), shake roof, gas furnace, wood sash, hardwood floors, tile baths, 2-car garage.
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contract Awarded
RESIDENCES Cost, $4,900
PALO ALTO, Santa Clara Co., Calif. Emerson Street.
Six one-story frame and stucco residences.
Owner—Mr. and Mrs. Harry Creech, Palo Alto.
Architect—Leslie I. Nichols, 532 Emerson St.
Contractor—R. C. Knight, 595 Bailey Ave., Mountain View.

Plans Being Completed
RESIDENCE Cost, $5,000
MILL VALLEY, Marin Co., Calif.
One-story frame and stucco residence (5 rooms, 1 bath); garage, hardwood floors, tile bath, etc.
Owner—S. Rutherford, Mill Valley.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Owner to take bids shortly.

To Be Done By Day's Work
RESIDENCE Cost, $5,500
SAN FRANCISCO, Calif. San Juan and Alemany Blvd.
One-story frame and stucco residence (6 rooms, 1 bath), garage, hardwood floors, tile bath.
Owner & Builder—A. Benedetti, 100 Brazil St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,500
PIEDMONT, Alameda Co., Calif. 120 Latham St.
Two-story frame and stucco residence.
Owner—Arnold & Graves.
Architect—Not Given.
Contractor—D. T. Beckett, 315 14th St., Oakland.

Contract Awarded
RESIDENCES Cost, $13,155
SANTA CLARA, Calif. W. View St., and N. California St.
Four one-story frame and stucco bungalows; four one-story frame garages.
Owner—John E. Kinney.
Architect—Albert W. Burgren, 30 Woodland Ave., San Francisco.
Contractor—Raymond W. True, 465 View St., Mountain View.

Contract Awarded
RESIDENCE Cont. Pr., $6,500
REDWOOD CITY, San Mateo Co.
One-story and basement frame residence (6 rooms), wood exterior, shingle roof, gas forced hot air heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Mrs. Margaret McShane.
Architect — Otto Hintermann, Call Bldg., San Francisco.
Contractors — Simonds & Simonds, 1448 Benito Ave., Burlingame.

Bids In—Under Advisement
RESIDENCE Cost, $.....
OAKLAND, Alameda Co., Cal. Rockwell (Brauer Tract).
Two - story frame and stucco residence (7 rooms and 3 baths), tile roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Guttman.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.

Bids In—Under Advisement.
RESIDENCE Cost, $.....
HILLSBOROUGH, San Mateo Co., Calif.
Two-story frame and stucco residence (9 rooms, 3 baths); tile roof, hardwood floors, tile baths; detached 2-car garage.
Owner—Damon Wack.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Announcement will be made shortly.

Sub Bids Being Taken
RESIDENCE Cost, $.....
MENLO PARK, San Mateo Co., Cal. Felton Gables.
One-story frame and stucco residence (5 rooms, 2 baths), shake roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—R. L. Flint, San Francisco.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
Contractor—Walter B. Snook, 173 Eldorado St., Monterey.
Sub bids are being received by the contractor. Mr. Tannahill, superintendent of construction.

Bids Opened
RESIDENCE Cost, $.....
SAN JOSE, Santa Clara Co., Calif.
Two - story frame and stucco residence (10 rooms, 4 baths), hardwood floors, gas heat, tile baths, shake roof, etc.
Dr. L. M. Rose, San Jose.
Architect—Higgins & Root (Chester Root, architect), Security Bldg., San Jose.
Low Bidder—V. J. Sunzeri, 175 North 31st St., San Jose.
Complete bids follow:
V. J. Sunzeri, San Jose.....$12,937
E. A. Hathaway, San Jose..... 13,700
M. W. Reese, San Jose..... 14,049
L. M. Scott, Sunnyvale..... 15,735

Contract Awarded
RESIDENCE Cost, $.....
SAN MATEO, San Mateo Co., Calif. Baywood.
One-story frame and stucco residence, shake roof, tile baths, hardwood floors (3 baths, 3 bedrooms and maid's room; two-car garage, etc.).
Owner—H. J. Newton.
Architect—Higgins & Root (Chester Root, architect), Security Bldg., San Jose.
Contractor—W. W. Williams Co., 315 Primrose Road, Burlingame.

Sub Bids Being Taken
RESIDENCE Cost, $.....
MENLO PARK, Santa Clara Co., Cal.
One-story frame and stucco residence (6 rooms, 2 baths), shake roof, gas heat, hardwood floors, tile baths, steel sash, etc.
Owner — Felton Gables Co., Menlo Park.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
Contractor—Walter B. Snook, 173 Eldorado St., Monterey.
Sub bids are being received by the contractor. Mr. Tannahill, superintendent of construction.

Contract Awarded
RESIDENCE Cont. Pr., $15,000
PALO ALTO, Santa Clara Co., Calif. Stanford University Campus.
Two-story frame and stucco residence (10 rooms, 3 baths), tile roof, oil heating system, hardwood floors, tile baths, garage.
Owner—W. A. Rabbett, Palo Alto.
Architect—C. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor — Wells Goodenough, 49 Wells Avenue, Palo Alto.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 ea.
SAN FRANCISCO, Calif. E. 25th Ave., N Lawton St.
Six one-story and basement frame and stucco residences.
Owner & Builder—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $9,000
PALO ALTO, Santa Clara Co., Cal. 2301 Webster Street.
Two-story frame and stucco residence and garage.
Owner—Chas. Stocker, Palo Alto.
Architect—Not Given.
Contractor—Aro and Okerman, Box 433, Palo Alto.

Contract Awarded
RESIDENCE Cont. Price, $4,000
OAKLAND, Alameda Co., Calif. Leo Way.
One - story frame and stucco residence five rooms) shingle roof, hardwood floors, tile bath, wood sash, garage.
Owner—Mr. Wilford.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—J. W. Monroe 5538 Claremont Ave., Oakland.

Sub-Contracts Awarded
RESIDENCE Cost, $12,500
SAN JOSE, Santa Clara Co., Calif. 745 Dana Avenue.
Two - story frame and stucco residence (7 rooms).
Owner—H. H. Buchanan, 15 E Santa Clara Ave., San Jose.
Architect—Ralph Wyckoff, Anglo Bank Bldg., San Jose.
Contractor—N. J. Nielsen, 1270 Iris Court, San Jose.
Roofing—California Roofing Co., 72 North Fourth Street.
Plumbing and Heating—A. J. Peters & Son, 455 E Washington St.
Electric Wiring — Roy M. Butcher, 1020 Sherwood St.
Sheet Metal—Farmers' Union, 151 W Santa Clara Street.
Tile Work—Thos. H. Price, 90 Vine.
Hardwood Floors — A. Phillips, 1819 Park Avenue.
Grading—Edward J. Keeble, Route 1, Box 278, Tully Road.
Lumber and Mill Work—S. H. Chase Lumber Co., 547 W Santa Clara.
Hardware—San Jose Hardware Co., 62 W San Fernando St.
Painting—Chas. Lynds, 1886 Park.
Lathing and Plastering—Magers and Carlson, 1175 Washington Ave.
All of San Jose.

Preparing Working Drawings
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Calif.
Two - story frame and stucco residence (8 rooms, 3 baths) steel sash, hardwood floors, tile baths, tile roof, hot air gas furnace, double garage, Spanish style.
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $13,526
SAN RAFAEL, Marin Co., Calif.
Two - story frame and stucco residence (brick veneer finish).
Owner—Dr. Jos. Hawkins, 100 Santa Marguerita Dr., San Rafael.
Architect—A. F. Dudman, 67 Bungalow Ave., San Rafael.
Contractor—Leibert & Trobock, Albert Bldg., San Rafael.

Contract Awarded
RESIDENCE Cost, $8,500
OAKLAND, Alameda Co., Calif. 1804 Clemens Road.
One-story frame and stucco residence (6 rooms), garage.
Owner—W. A. Carew, Sr., 5528 Adeline St., Oakland.
Architect—E. O. Blodgett, 1989 Hoover Ave., Oakland.
Contractor—A. W. Shaw, 5401 Broadway, Oakland.

Completing Working Drawings
RESIDENCE Cost, $15,000
HILLSBOROUGH, San Mateo Co.
Two - story frame and stucco residence (9 rooms, 3 baths) shingle roof, plaster walls and ceilings, hardwood floors, tile baths, double garage.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Sub-bids will be asked in about 3 days.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 ea.
SAN FRANCISCO, Calif. E. 34th Ave., S Kirkham St.
Four one-story frame and stucco residences.
Owner & Builder — Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $.....
SAN MATEO, San Mateo Co., Calif. Chesterton Place, near El Camino Real.
Group of 15 residences, frame and stucco, hardwood floors, steel and wood sash, tile baths, etc. (5 and 6 rooms each, 2 baths each).
Owner & Builder—G. W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Higgins & Root (Chester Root, architect), Security Bldg., San Jose.
The first unit of four houses is now under construction.

Contract Awarded
RESIDENCE Cost, $5,250
CARMEL, Monterey Co., Calif.
One-story frame and brick residence (5 rooms, 1 bath), hardwood floors, Redwood clapboard roof, gas floor furnace, Standard plumbing fixtures, plaster and wood interiors.
Owner—Mrs. Mabel Graham, Carmel.
Architect—Not Given.
Contractor—Hugh W. Comstock, P. O. Box 533, Carmel.

Contract Awarded
RESIDENCES Cost, $4,500 ea.
SAN FRANCISCO, Calif. 33rd Ave. and Vicente St.
Two one-story frame and stucco residences (5 rooms, 1 bath ea.), hardwood floors, tile baths, garages.
Owner—Henry Horner.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—G. W. Morris, care Architect.

Sub Contracts Awarded
RESIDENCE Cost, $19,606
OAKLAND, Alameda County, Calif. Claremont Pines.
Two-story and basement frame and stucco residence.
Owner—A. Dalziel, 2811 Woolsey St., Berkeley.
Architect—Clarence W. Mayhew, 6026 Acacia Ave., Oakland.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.
Plumbing — Durant - Gilman, 1012 Webster St.
Electric Wiring—P. H. Wetzel, 3461 Davis St.
Heating—W. H. Picard, 4238 Broadway.
Sheet Metal—F. Christiansen, 4444 Piedmont Ave., Piedmont.
Tile Work—Rigney Tile Co., 3012 Harrison Ave.
Brick & Stone Work—Martin Back.
Grading—Arriss Knapp, 961 41st St.
Lumber—Bay City Lumber Co., 48th Ave. and E. 12th St.
Mill Work—Lannom Bros., 326 Magnolia St.
Painting—A. G. Leidsen, 1336 E. 31st St.
Lathing & Plastering—Sam Solomonson, 3233 Kansas St.
Concrete—J. H. Fitzmaurice, 2857 Hannah St.
All of Oakland unless otherwise noted.

Sub Contracts Awarded
RESIDENCE Cost, $17,000
MERCED, Calif. Bradley Addition.

East 21st Street.
Two - story frame stucco and brick residence.
Owner—V. G. Preston, Merced.
Architect - Chas. Butner, 51 Maple St., Salinas.
Contractor—Liner & Allen, P.O. Box 43, Merced.
Roofing—Hugh Cronkite, Box 1015.
Plumbing & Sheet Metal — Sanitary Plumbing Co., 745 17th St.
Electric & Heating—Sanitary Plumbing Co., 745 17th St.
Tile Work—C. L. Frost, Watsonville.
Glass & Mill Work—Cross Lumber Co., S. P. Reservation.
Hardwood Floors—Ed. La Salle, 146 18th St.
Brick & Stone Work—N. P. Blakeman & Son.
Grading—J. W. Huffman, 15th St.
Foundations & Concrete—Bill Bailey, Carol Courts.
Lumber—Merced Lumber Co.
Hardware — Bedesen & McNamara, 637 L Street.
Painting—W. J. Zierenberg & Son, 407 22nd Street.
Lathing & Plastering—W. J. Shone.
All of Merced unless otherwise noted.

Plans Being Figured
RESIDENCE Cost, $10,000
BAKERSFIELD, Kern Co., Cal. Cedar and 21st Streets.
Two-story steel frame, glass window and stucco modernistic residence (8 rooms) indirect lighting system, linoleum flooring and wallboard in kitchen, bath, & breakfast alcove; Sanitas and tapestry wallpaper.
Owner—Frank E. Davis.
Architect — Richard J. Neutra, 2343 Silver Lake Blvd., Los Angeles.

Completing Working Drawings
RESIDENCE Cost, $20,000
HILLSBOROUGH, San Mateo Co.
Two - story frame and stucco and brick veneer residence (10 rooms, 4 baths) shake roof; plaster walls and ceilings, hardwood floors, tile baths.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked in about ten days.

Contract Awarded
RESIDENCE Cost, $9,900
OAKLAND, Alameda Co., Cal. 1268 Sunnyhills Road.
Two - story frame and stucco residence (eight rooms).
Owner—R. Davis, 829 Rosemount Rd. Oakland.
Architect—Not Given.
Contractor—C. M. Teigland 4607 Harboard Road, Oakland.

Plans Being Revised
RESIDENCE Cost, $20,000
SAN FRANCISCO, Calif. St. Francis Wood.
Two-story frame, stucco and brick veneer residence (10 rooms, 4 baths), gas furnace, plaster walls and ceilings, hardwood floors, tile roof, tile baths, detached double garage.
Owner—Karl F. Schuster.
Architect—William G. Merchant, Russ Bldg., San Francisco.
Announcement will be made shortly.

Plans Being Figured
RESIDENCE Cost, $6,000
REDWOOD CITY, San Mateo Co.
Five-room early California style residence (gas-fired warm air heating).
Owner — Charles Haufe, Carmelita Manor.
Architect—Walter C. Clifford, 310 Locust St., San Francisco.
Plans being figured by selected list of contractors.

Contract Awarded
RESIDENCE Cost, $8,000
PIEDMONT, Alameda Co., Calif. 112 Latham St.
One-story frame and stucco residence (5 rooms); garage.
Owner—S. Arnold, 232 Monte Vista Ave., Piedmont.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
SAN FRANCICO, Calif. Francisco and Polk Streets.
Two-story frame and stucco residence.
Owner & Builder—John Albertoli, 1101 Francisco St., San Francisco.
Architect—Not Given.

Contract Awarded
FLATS Cost, $.....
SAN FRANCISCO, Calif. Francisco Heights.
Two-story frame and stucco flats (2 5-room flats).
Owner—Name withheld.
Architect—Williams & Wastell, 337 17th St., Oakland.
Contractor—Alzin C. Lindgren, 346 Lowell St., San Francisco.

Plans Being Completed
RESIDENCE Cost, $6,000
SAN MATEO. Aragon Tract.
Two-story frame and stucco residence; garage.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

TO SELECT ARCHITECT
NAPA, Napa Co., Cal.—Peter Gasser has purchased property on the Monticello road about six miles from Napa, and plans to build a ranch house. An architect will be selected shortly.

Contract Awarded
RESIDENCE Cost, $8500
SAN MATEO, San Mateo Co., Calif. NW Avilla and El Camino Real.
Two-story frame and stucco residence.
Owner—H. K. Loughlin.
Architect—Not Given.
Contractor—Home Bldg. Service Co., 101 Post St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $7,500
BURLINGAME, San Mateo Co., Cal. Howard Street.
One - story frame and stucco residence.
Owner & Builder—Hammer & Tosch, 1090 Burlingame Sq., Burlingame
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8500
SAN MATEO, San Mateo Co., Calif. Glendale Road.
Two-story frame and stucco residence.
Owner—R. F. Wisnom.
Architect—Not Given.
Contractor—S. Wisnom, 140 S Ellsworth St., San Mateo.

Contract Awarded
RESIDENCE Cont. Pr., $3,278
SANTA ROSA, Sonoma Co., Calif. Santa Rosa Avenue.
One - story frame and rustic residence (5 rooms and bath), shingle roof, wood sash, floor furnace, hardwood floors, tile bath.
Owner—E. Stewart, Santa Rosa Ave., Santa Rosa.
Architect — Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Leon Koch, 526 Orchard St., Santa Rosa.
Complete bids follow:
Leon Koch, Santa Rosa.....$3,278
C. L. Personett, Santa Rosa..... 3,300
E. Ahlstrom, Santa Rosa..... 3,400

Contract Awarded
RESIDENCE Cont. Pr., $18,529
HILLSBOROUGH KNOLLS, San Mateo Co., Calif.
Two-story frame and stucco residence (9 rooms and 3 baths), asbestos shingle roof; forced air gas fired hot air system; wood paneling and canvas interior finish; double detached garage.
Owner—H. W. S. Hayes.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Carl Bassett, 826 Walnut Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $22,756
SAN FRANCISCO. N. Jackson, E Spruce St.
Two-story frame and stucco residence.
Owner—Charles Noble, care Contractor.
Architect—W. W. Wurster, 360 California St.
Contractor—F. S. Marshall, 909 Ashbury St.

Preparing Plans
RESIDENCE Cost, $8,500
BURLINGAME HILLS, San Mateo Co., Calif.
Two-story frame and stucco residence (8 rooms, 3 baths), shake roof, hot air furnace, wood sash, hardwood floors, tile baths, plaster walls and ceilings, detached garage.
Owner—Withheld.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

15— SCHOOLS

Bids Opened
ADDITION Cost, $87,000
LEMOORE, Kings Co., Calif. Lincoln and Bush Streets.
One - story frame addition to Washington Elementary School (tile roof, add ten classrooms, etc.)
Owner—Lemoore Elementary School District.
Architect—Ernest J. Kump, Rowell Bldg., Frsno.
Low Bidder—Brown Const. Co., 118 S Kay St., Madera, $65,979.
Complete bids follow:
Brown Const. Co., Madera.....$65,979
Alternate..... 62,074
W. J. Ochs, Fresno..... 69,479
Alternate..... 65,836
Midstate Const. Co., Fresno..... 69,917
Alternate..... 66,417
T. C. & W. H. Irwin, Fresno..... 70,384
Alternate..... 65,975
Harris Const. Co., Fresno..... 70,620
Alternate..... 66,142
Trewhitt - Shields and Fisher, Fresno 72,265
Alternate..... 68,106
Fisher & McNulty, Fresno..... 73,263
Alternate..... 69,179
A. Young, San Francisco..... 80,932
Alternate..... 76,852
Bids referred to PWA with recommendation that award be made to the low bidder.

Bid Opening Date Advanced—To Close Nov. 16, 7:30 P. M.
SCHOOL ADDN. Cost, $12,500
KERN CO., Cal. Four miles south of Shafter.
One - story reinforced concrete addition to school (2 classrooms) tile roof, wood sash, hardwood floors pine trim, two gas floor furnaces.
Owner—Rio Bravo School District.
Architect—Perrine & Mackie, 333 T. W. Patterson Bldg., Fresno.

BIDS OPENED

GUSTINE, Merced Co., Cal.—Fred E. Turner, 557 Market Street, San Francisco, at $2,439.36 submitted low bid to Gustine Union High School District for the furnishing and installation of auditorium chair seating for the classroom and auditorium school building at Gustine.

Plans prepared by Architects E. H. Russ and W. G. Corlett, Oakland.

Complete bids follow:

Fred E. Turner	$2,439.36
J. W. Fricke & Co.	2,439.36
General Seating Co.	2,439.36
American Seating Co.	2,500.00
Heywood-Wakefield Co.	2,578.30

All of San Francisco.

Bids were referred to PWA and recommendation made that contract be awarded Fred E. Turner.

BIDS WANTED

SONOMA COUNTY, Calif. — Until November 23, 12 M., bids will be received by the Sonoma County Board of Supervisors, Walter H. Nagle, Clerk, Court House, Santa Rosa, for the construction of the septic tank of the new county hospital.

Specifications obtainable from the above office.

Plans Being Figured

SCHOOL Cost, $22,222
SANTA RITA, Monterey Co., Calif.
One-story frame and stucco school building (2 classrooms and auditorium), concrete foundation; composition roofing; standard plumbing and electrical work.
Owner—Santa Rita School District.
Architect—C. C. Ryland, Monterey and Carmel.

A grant of $10,000 was recently approved by the PWA.

Plans and specifications obtainable from the architect upon deposit of $20.

CONTRACT AWARDED

ARROYO GRANDE, San Luis Obispo Co., Calif.—F. C. Stolte, 3455 Laguna Ave., Oakland, submitted low bid to Arroyo Grande Union High School District and was awarded contract at $24,150, subject to PWA approval, for erection of a frame and stucco gymnasium building and locker rooms at Arroyo Grande high school. A. R. Walker and P. A. Elsen, Architects.

NEW BIDS WANTED

LOS ANGELES, Calif.—Until November 19, 2 p.m., new bids will be received by Los Angeles board of education for strengthening and reconstructing the auditorium, main building and north building at the Wilton Place school. Theodore R. Jacobs, architect; Donald F. Shugart, structural engineer.

BIDS WANTED

LOS ANGELES, Calif.—Until November 20, 2 p.m., bids will be received by Los Angeles board of education for reconstruction, rehabilitation and strengthening of auditorium building at Virgil junior high school, 152 N. Vermont Ave. Cost, $42,500. A. S. Nibecker, Jr., architect.

Award Approved

ADDITIONS Cont. Pr., $21,700
WATSONVILLE, Santa Cruz Co., Calif.
One-story frame and stucco addition to Roache School (5 classrooms), plaster interior partitions, composition shingle roofing, Oregon pine flooring, hot air heating system, gas furnace, etc.
Owner — Roache School Dist. (Chris V. Kostaras, Clerk).
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Contractor—John Branagh, 116 Monticello Ave., Piedmont.

Award of contract has been approved by the PWA

PREPARING PLANS

EAGLE ROCK, Los Angeles Co., Calif.—Architects Myron Hunt and H. C. Chambers, 1216 Continental Bldg., Los Angeles, are preparing plans for a new auditorium to be erected at Occidental College, Eagle Rock. Cost, $150,000.

Sub Contracts Awarded

RECONST. Cont. Price, $33,550
OAKLAND, Alameda Co., Calif. 14th and Myrtle Sts.
Reconstruct Lowell Junior High Sch.
Owner—Oakland School District.
Architect—W. G. Corlett, 2nd Ave. and E. 10th St., Oakland (School Administration Bldg.).
Contractor—Villadsen Brothers, 2059 Webster St., Oakland.
Structural Steel & Misc. Iron—Independent Iron Works, 821 Pine St., Oakland.
Roofing—Bay Cities Asbestos Co., 5th Ave. and 12th St., Oakland.
Sheet Metal—Airport Sheet Metal Works, 4339 E. 14th St., Oakland.
Lathing & Plastering—T. D. Sexton, Builders Exchange, Oakland.
Tile—Rigney Tile Co., 3012 Harris St., Oakland.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Painting—Patterson Bros., 573 Santa Rosa Ave., Berkeley.
Plumbing, Heating & Ventilating—The Scott Co., 113 10th St., Oakland.
Electric — California Electric Co., Ltd., 1125 Oak St., Oakland.
Hardwood Floors—Rex Floor Co., 2468 65th Ave., Oakland.

Award Recommended

ADDITION Cost, $18,000
GREENFIELD, Monterey Co., Calif.
One-story frame and stucco addition to high school (four classrooms), wood shingle roof, maple floors; no heating or plumbing.
Owner—Greenfield Union High Sch. District (I. G. Giacomazzi, Clerk of the Board of Trustees).
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—Thomas P. Sechrest, King City.

Complete bids follow:

Thomas P. Sechrest, King City—$19,000.
P. T. Wallstrum, Watsonville—$20,970.

Recommendation has been made to the PWA that contract be awarded to Mr. Sechrest.

BIDS WANTED

LOS ANGELES, Calif.—Until December 1, 2 p.m., bids will be received by Los Angeles board of education for construction of reinf. concrete girls' gymnasium and shower room and the reconstruction of existing boys' brick gymnasium at University high school, 11,800 Texas Ave., West Los Angeles. Cost, $73,600. A. S. Nibecker, Jr., architect.

Bids Opened

SCHOOL Cost, $360,000
PALO ALTO, Santa Clara Co., Calif. Middlefield Road and California Avenue.
Two-story reinforced concrete David Starr Jordan Junior High School to accommodate 1,000; administration office, 27 classrooms, boys and girls' gymnasium, auditorium to seat 1,000; cafeteria to accommodate 600, and library.
Owner—Palo Alto School District.
Architect—Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Low Bidder on General Contract—Carl N. Swenson, 355 Stockton Ave., San Jose—$323,700.

Complete bids on general contract published Nov. 5, 1936.

Complete bids on segregated contracts follow:

Linoleum

Item (2)—If linoleum is laid in foyer of Administration Building and Foods Room, F-12 only.

Item (2)—If linoleum is laid in rooms mentioned in Item (1) and in all rooms of Units A, B, C, G and F, in which Duraflex is called for, with exception of corridors.

Alternate No. 1—If Alt. No. 1 calling for omission of sewing and cooking rooms F-8 and F-9 are accepted, deduct from Item (2).

Item (3)—If linoleum is laid in all areas mentioned in Items (1) and (2) and also in all corridors of Units A, B, C, G and F, with their connecting passages.

Alternate No. 1—If Alt. No. 1 calling for the omission of sewing and cooking rooms F-8 and F-9, together with corridors between them, deduct from Item (3).

Van Fleet Freear Co., 2024 E. 7th St., Los Angeles—

Item (1)		$ 559.00
Item (2)		6,279.00
	Alt. (1)	461.00
Item (3)		9,229.00
	Alt. (1)	582.00

Duraflex or Asphaltic Flooring

Item (1)—If General Shop and Wood Shop, H-1 and H-11, have entire floor area except where concrete floor is indicated covered with Flintcoat, or approved equal.

Item (2)—If in addition to shops above mentioned, all corridors in Units A, B, C, G and F, with connecting corridors, have Duraflex A, or approved equal floor covering.

Alt. (1)—If Alt. (1) calling for the omission of cooking and sewing rooms F-8 and F-9 with corridors between, deduct from Item (2).

Item (3)—If in addition to the shops and corridors mentioned, all classrooms and other rooms designated on the schedule for Duraflex have Duraflex covering.

Alt. (1)—If Alt. (1) calling for omission of cooking and sewing rooms F-8 and F-9, with corridors between, deduct from Item (3).

Item (4)—If all corridors in Units A, B, C, G and F, with connecting corridors have 3/16-in. Accotile laid in 9x9-in. blocks in two colors on the diagonal and 9-in. borders on all sides.

Alt. (1)—If Alt. (1) calling for the omission of cooking and sewing rooms F-8 and F-9 with corridors between, deduct from Item (4).

Item (5)—If all corridors specified in Item (4) have Accotile as specified laid directly onto concrete without the membrane.

Alt. (1)—If Alt. (1) calling for omission of cooking and sewing rooms F-8 and F-9, with corridors between, deduct from Item (4).

L. S. Case, Inc., 7th and Daggett Sts., San Francisco—

Item (1)		$ 381.00
Item (2)		2,239.00
	Alt. (1)	357.00
Item (3)		5,643.00
	Alt. (1)	357.00
Item (4)		2,853.00
	Alt. (1)	79.00
Item (5)		1,826.00
	Alt. (1)	79.00

The American Art Tile Co., 231 Franklin St., S. F.—

Item (1)		.....
Item (2)		.....

Item (3) ....
Item (4) 3,350.00
Alt. (1) 135.00
Item (5) 2,790.00
Alt. (1) 120.00
Van Carl Co.—
Item (1) 700.00
Item (2) 3,276.00
Alt. (1) 103.00
Item (3) 9,024.00
Alt. (1) 544.00

Blackboards

Item (1) All blackboards to be genuine slate.
Alt. 1 If cooking and sewing rooms F-8 and F-9 are omitted.
Item (2) All blackboard to be "Optox" glass, or equal, in standard black or green.
Alt. 1 If cooking and sewing rooms F-8 and F-9 are omitted.
Item (3) All blackboard to be "Hyloplate", or equal composition board, in special purple blue color.
Alt. 1 If cooking and sewing rooms F-8 and F-9 are omitted.

Acme Glass Co., 851 Alma St.
Palo Alto.....Item (1) .....
.....Item (2) $1,473.00
.....Alt. (1) 16.50
Rucker-Fuller Co., 539 Market St., S. F.....Item (1) $1,545.00
.....Alt. (1) 16.00
.....Item (2) 1,751.00
.....Alt. (1) 22.00
.....Item (3) 839.00
.....Alt. (1) 10.00
W. T. King & Sons..Item (1) $1,270.00
.....Alt. (1) 16.00
.....Item (2) .....
.....Item (3) 725.00
.....Alt. (1) 7.00
American Seating Co., 207 Van Ness Avenue, So., San Francisco....Item (1) $1,494.00
.....Alt. (1) 15.00
.....Item (2) 1,682.00
.....Alt. (1) 18.00
.....Item (3) 800.00
.....Alt. (1) 10.00
Fred E. Turner, 557 Market St., S. F.....Item (1) $1,640.00
.....Alt. (1) 18.50
.....Item (2) 1,878.00
.....Alt. (1) 25.00
.....Item (3) 920.00
.....Alt. (1) 12.50

Steel Lockers

Item (1) 800 corridor lockers.
Alt. if corridor lockers instead of having standard color are painted in special color.
Item (2) 800 gymnasium lockers.
Trask & Squire Co., 39 Natoma St., S. F.....Item (1) $3,066.00
.....Alt. (1) 193.28
.....Item (2) 3,050.00
Fred Medart Mfg. Co., 126 Post St., S. F.....Item (1) $3,448.00
.....Alt. (1) 120.00
.....Item (2) 3,464.00
Dura Steel Products, 606 Mission, S. F.....Item (1) $2,968.00
.....Item (2) 2,947.00
Berger Mfg. Co., 102 New Montgomery Street, San Francisco .....Item (1) $2,870.00
.....Alt. (1) 108.00
.....Item (2) 2,872.00
Rolph-Mills & Co., 915 Rialto Bldg. S. F...Item (1) $3,311.60
.....Alt. (1) 160.00
.....Item (2) 3,339.60
Lyon Metal Products, Inc., 3650 Union Pacific Ave., Los Angeles .....Item (1) $3,191.00
.....Alt. (1) 182.00
.....Item (2) 3,287.00

Masonite Flooring

No bids were received on this contract.

BIDS WANTED

RICHMOND, Contra Costa Co., Calif.—Until November 23, 10 a.m., bids will be received by the Richmond Union High School District, at its office in the Lincoln School, 235 Tenth St., Richmond, for furnishing all material and installing stage equipment for the Roosevelt Junior High School. Specifications obtainable from the office of the Superintendent of Schools, Lincoln School, Richmond.

Funds Asked

RECONSTRUCT AUDITORIUM Cost, $84,000
ALAMEDA, Alameda Co., Calif. Alameda Ave., between Oak and Walnut Streets.
Reconstruct auditorium at Porter School.
Owner—Alameda City School District.
Architect—Andrew T. Hass, 525 Market St., San Francisco.
Structural Engineers—L. H. Nishkian, 525 Market St., and James Hammill, 381 Bush St., San Francisco.
Application has been filed with the PWA for a grant of $38,000.

16—BANKS, STORES AND OFFICES

PREPARING PLANS

LOS ANGELES, Cal.—S. H. Kress & Co., 114 Fifth Ave., New York City, are having plans prepared by their architectural department in New York for a new store building to be erected on the SW corner of Wilshire Blvd. and Detroit St.

Contract Awarded

ALTERATIONS Cost, $16,000
SAN FRANCISCO, 316 Post St.
Alterations to store building.
Owner—Jenkel-Davidson Optical Co., Premises.
Architect—Bliss & Fairweather, Balboa Bldg.
Contractor—J. Harold Johnson, 639 Brannan St.

Contract Awarded

STORE Cost, $12,000
SAN FRANCISCO. Irving St., near 22nd Avenue.
One-story frame and tile store bldg. (four stores).
Owner—Gateway Co.
Architect—Albert Burgren, 110 Sutter Street.
Contractor—Ed Zinkand & Son, 667 36th Ave.

Contract Awarded t

ALTERATIONS Cost, $5,000
OAKLAND. Alameda Co., Calif. 1100 57th Ave.
Alter building.
Owner—Ferro Enameling Co., 1100 57th Ave., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland

FIRE LOSS

REDDING, Shasta Co., Calif.—Fire partially destroyed the Giubanni apartment and store building Nov. 1, causing damage estimated at $200,000.

Bids In—Under Advisement

STORE Cost, $30,000
SANTA CRUZ, Santa Cruz Co., Cal.
New store building (reinforced concrete construction).
Owner—Morris Abrams, Santa Cruz.
Architect — C. J. Ryland, Monterey and Carmel.
Announcement will be made shortly.

Plans Being Prepared

STORE BUILDING Cost, $75,000
BURLINGAME, San Mateo Co., Cal. Primrose Rd., near Burlingame Ave.
One-story building to contain five stores; Colonial style.
Owner—G. W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Angus McSweeney, 604 Mission St., San Francisco.
Construction is expected to start within 30 days.

Preparing Working Drawings

RESTAURANT •Cost, $.....
SAN MATEO, San Mateo Co., Calif.
One-story frame and stucco restaurant (flat roof), modern style.
Owner—Chartier's Restaurant.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
Bids will be asked in about two weeks

To Be Done By Day's Work.

STOREROOM & OFFICE $7,500
SAN FRANCISCO. 21st St. and Van Ness Avenue South.
Class C storeroom and office.
Owner—Superba Packing Co., 1001 Van Ness Ave. South.
Engineer—John Cole, 321 Chenery.

Contract Awarded

ALTERATIONS Cost, $.....
SAN FRANCISCO. 215 Kearny St.
Alterations to store building.
Owner—Bothin Real Estate Co., 604 Mission St.
Architect — Angus McSweeney, 604 Mission St.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.

17— THEATRES

Bids Wanted — To Close About November 16

THEATRE Cost, $.....
NAPA, Calif.
One-story Class C concrete theatre building (to seat 1,300).
Owner—Withheld.
Architect—A. A. Cantin, 64 Pine St., San Francisco.

Contract Awarded

ALTERATIONS Cost, $.....
SAN FRANCISCO. SW Sutter and Stein Streets.
Alterations to theatre.
Owner—Uptown Amusement Co., 25 Taylor Street.
Architect—A. A. Cantin, 64 Pine St.
Structural Engineer—W. Adrian, 417 Market St.
Contractor—Salih Bros., 25 Taylor St., San Francisco.

PREPARING WORKING DRAWINGS

Architect W. E. Foster, 9470 Santa Monica Blvd., Beverly Hills, is preparing working drawings for a reinf. concrete theater, store and office building to be built at the northwest corner of Sunset Blvd. and Horn St., West Hollywood, for the Galbro Theater Co. H. C. Whittlesey, structural engineer. Cost, $250,000. Standard Construction Co., 8905 Sunset Blvd., contractor.

18— WHARVES & DOCKS

Sub Contracts Awarded

PIER Cont. Price, $406,100
SAN FRANCICO. Pier 19, foot of Filbert Street.
Reinforced concrete pier to replace present structure.
Owner—State of California (Board of Harbor Commissioners).
Engineer — Frank K. White, Ferry Bldg., San Francisco.
Contractor—Ben C. Gerwick, Inc., 112 Market Street.
Reinforcing Steel—Soule Steel Co., 1750 Army St.
Ready-Mix Concrete — Golden Gate Atlas Materials Co., 16th and Harrison Streets.

CONTRACT AWARDED

SAN JOAQUIN CO., Calif.—C. A. Lauritzen, 300 E St., Antioch, at $2,439.50, awarded contract by San Joaquin County Board of Supervisors for constructing ferry landings at Mandeville Ferry, across Connection

Slough, between Bacon Island and Mandeville Island about four miles north of Middle River Station of the Santa Fe Railroad.

Only other bid submitted by John Hachman, Stockton, at $2,600.

19—MISC. CONSTRUCTION

BIDS WANTED

SAN FRANCISCO.—Until November 18, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall (under Spec. 5063), for re-roofing the Fairmount School, NE Randall and Chenery Sts., and re-roofing the McKinley School, Castro bet. Henry and 14th Sts. Estimated cost, $3,500.

Work consists of removing present composition roofing which is laid on a wood sheathed deck and laying new composition roof.

Specifications obtainable from the office of the City Architect, Charles H. Sawyer, Room 265, City Hall. No deposit required.

Plans Completed

SWIMMING POOL Cost, $.....

SACRAMENTO, Sacramento Co. Cal. William Land Park.

New outdoor plunge (65x120), small pool (30x40); outdoor buffet patio (110 ft. frontage), restaurant; two modernistic concrete and stucco buildings; sun decks; all encircled by 8-ft. concrete wall.

Owner — Riverside Baths (Frank Lauppe, president).

Architect — W. E. Coffman, Forum Bldg., Sacramento.

The old structure is now being wrecked.

Bids will probably be asked within one week.

BID REJECTED

CAMARILLO, Ventura Co., Calif. —State Division of Architecture, Sacramento, has rejected the only bid received, that of Pacific Iron & Steel Co., 241 W. Avenue 26, Los Angeles, at $4,800, for structural steel work on the Hay Barn at Camarillo State Hospital.

The work will be readvertised

BIDS WANTED

SAN JOAQUIN CO., Calif.—Until Nov. 23, 11 a.m., bids will be received by the County of San Joaquin, Eugene D. Graham, Clerk of the Board of Supervisors, County Courthouse, Stockton, for the construction of a ferry boat to be delivered to the County at Stockton. Plans and specifications prepared by Julius B. Manthey, County Surveyor.

CONTRACT AWARDED

TERMINAL ISLAND, Los Angeles Co., Cal.—E. C. Nickel, 912 Micheltorena St., Los Angeles, at $6,870 awarded contract by the 11th Naval District, San Diego, for construction of underground electrical distribution lines at Fleet Aviation Facilities, Terminal Island, Los Angeles Harbor. Spec. No. 8297.

Contract Awarded

STORAGE FACILITIES Cost, $.....

OAKLAND, Alameda Co., Calif. Outer Harbor Terminal.

Lubricating oil storage facilities (6 1340-bbl. storage tanks, and one 12,000-gal. brightening tank), fire walls and tank pads.

Owner—General Petroleum Corp., 519 19th St., Oakland.

Plans by Engineering Department of Owner.

Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

Contract for furnishing the tanks has not yet been awarded.

Bids Opened

SMOKE STACK Cost, $7,000

SPADRA, Los Angeles Co., Calif. Pacific Colony.

Concrete smoke stack on boiler plant building.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Low Bidder—Taylor & Taylor, 36 W. Union St., Pasadena.

Complete bids follow:

Taylor & Taylor, Pasadena.....$6,967
Andy Sordal, Long Beach..... 7,844
Contracting Engrs., L. Angeles 8,484
Blystone & Van Tuyle, Brea..... 8,826
Byerts & Dunn, Los Angeles..... 9,153
C. Haverlandt, Long Beach..... 9,585

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES.—Bethlehem Fabricators, Inc., Bethlehem, Pa., submitted low bid to the U. S. Engineer Office, Los Angeles, at 5½c lb. (total, $8965), for furnishing 162,000 lbs. fabricated steel and other metal work for the P. E. Railway-Burbank line railroad bridge at Brand Blvd. over Verdugo Wash, Glendale. Circ. Prop. No. 217. The other bids were:

Minneapolis-Moline Power Implement Co.—5.65c lb.; total, $9153.

Bethlehem Steel Co.—5.89c lb.; total, $9541.80.

Consolidated Steel Corp.—6.1c lb.; total, $9882.

CONTRACT AWARDED

MADERA, Madera Co., Calif.—Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco, at $2,284.40 (precaulked) submitted low bid and awarded contract by the Madera City Council, Geo. M. Shedd, City Clerk, for furnishing 2500 feet of 6- and 500 ft. of 4-inch cast iron pipe, Class B.

Complete bids follow:

Pacific States Cast Iron Pipe Co., San Francisco: precaulked, $2,284.40; uncaulked, $2,112.85.

U. S. Pipe & Foundry Co., San Francisco; $2,158.45.

American Cast Iron Pipe Co., San Francisco: uncaulked, $2,185.45.

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Ry Lock Co., Ltd., 2485 Washington St., Oakland, at $2,476.50, plus sales tax, submitted low bid and awarded contract by Alameda County Board of Supervisors, Hall of Records, for furnishing and installing Venetian blinds in the County Court House and Hall of Records, 12th and Fallon Streets.

The other bids were:

National Venetian Blind Co., Oakland, $2,700, including tax.

L. Larue, Oakland, $2,989.

BIDS OPENED

GRAND COULEE DAM, Wash.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 701, for furnishing twenty sets of gates and conduit linings, each set to consist of one 102-inch paradox gate, one 102-inch ring-follower gate, and one set of conduit linings for installation in the outlet works at the Grand Coulee Dam, Columbia Basin Project.

Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.—(1) no bid; (2) $268,000; (2b) $227,000; (2c) $227,000; (2d) $227,000; total, $949,000; f.o.b. East Pittsburgh; net.

Hardie-Tynes Mfg. Co., Birmingham —(1) $1,341,300; (2a) $190,000; (2b) $150,000; (2c) $150,000; (2d) $110,000; (2e) $100,000; (2f) $95,000; (2g) $135,000; (2h) $135,000; (2i) $135,000; (2j) $135,000; total, $1,345,000; f.o.b. Birmingham; net.

Newport-News Shipbuilding & Drydock Co., Newport News, Va.—(1) no bid; (2a) $210,000; (2b) $188,000; (2c) $183,000; total, $581,000; f.o.b. Newport News; net.

S. Morgan Smith Co., York, Pa.—(1) no bid; (2a) $224,680; (2b) $207,140; f.o.b. York; net.

Koppers Co. (Bartlett - Hayward Div.), Baltimore, Md.—(1) no bid; (2a) $188,000; (2b) $160,000; f.o.b. Baltimore, Alabama Dist.; discount, ½% 10 days.

BIDS OPENED

SAN FRANCISCO. — Walter Hall Furniture Co., 146 Front St., at $54.00 each, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1677, for furnishing 35 legal size steel filing cabinets for the County Clerk.

Complete bids follow:

Walter Hall Furniture Co.—$54.00; disc. ½% 10 days.

Rucher Fuller Co.—$65.70; net 30 days.

H. S. Crocker Co.—$63.23; net.

M. G. West Co.—$63.22; net.

A. Carlyle & Co.—$62.77; net.

General Fireproofing Co.—$63.23; net.

Remington-Rand, Inc.—$65.70; net.

Schwabacher-Frey Co.—$63.22; net.

Allman-Irving Mfg. Co.—$63.22; net.

Patrick, Moise & Klinkner Co.—$63.22; disc. 2% 10 days.

Berger Mfg. Co.—$65.92; net.

All of San Francisco.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing needle valves, butterfly valves, energy absorbers, and accessories for the outlet works of San Gabriel Dam No. 1, were opened by the Los Angeles County Supervisors Nov. 4. The bids, the low of each schedule totaling approx. $378,903, were:

Hardie-Tynes Mfg. Co., Birmingham, Ala.: Sch. 1 (1) $99,726, weight 350,000 lbs.; total, $199,452; Sche. 2 (1) $11,000, weight 30,000 lbs.; (2) $51-826, weight 160,000; (3) $1790 2200 lbs.; grant total, $64,616; Sch. 4 (1) $34,605, weight 120,500 lbs.; (2) $25,160, weight 76,000 lbs.; (3) $9100, wt. 21,000 lbs.; grand total, $103,480.

Consolidated Steel Corp., Ltd.: Sch. 4 (1) $32,365, weights not given: (2) $21,280; (3) $7600; total, $93,610; Sch. 5 (1) $5930; (2) $2500; grand total, $14,360. Sch. 9, Alt. to Sch. 4 and 5 (1) $30,865; (2) $20.280; (3) $7240; (4) $5680; (5) $2325; grand total, $102,935.

Pelton Water Wheel Co. San Francisco: Sch. 1 (1) $94,081, wt. 360,000 lbs., total $188,162; Sch. 2 (1) $11,989, wt. 34,500 lbs.; (2) $56,985, wt. 192,000 lbs.; (3) $2009, wt. 3020 lbs.; grand total, $70,983; Sch. 3 (1) $11,989, wt. 34,500 lbs.; (2) $5250, weight 11,400 lbs.; (3) $3695, weight 12,000 lbs., (4) $2256, weight 7750 lbs., grand total, $23,120; Sch. 4 (1) $38,777, wt. 123,000 lbs.; (2) $23,300, wt. 70,600 lbs.; (3) $8400, wt. 19,000 lbs., total $109,254; Sch. 5 (1) $6480, wt. 16,400 lbs.; (2) $2300, wt. 6000 lbs.; grand total $16,260.

S. Morgan Smith Co., York, Pa.: Sch. 4 (1) $35,550, wt. 116,000 lbs.; (2) $24,900, wt. 69,400 lbs.; (3) $8940, wt. 19,950 lbs.; grand total, $104,840; Sch. (1) $7350, wt. 16,105 lbs.; (2) $3275 wt. 6200 lbs.; grand total, $17,975.

BIDS OPENED

SAN FRANCISCO.—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1676, for furnishing 200 34-in. rolled steel car wheels for the Municipal Railway:

Edgewater Steel Co., $37.75; discount, 1% 30 days.

Bethlehem Steel Co., San Francisco —$37.75; discount, ½% 30 days.

Columbia Steel Co., San Francisco—$37.75; discount ½% 30 days.

Standard Steel Works Co.—$37.75; discount ½% 10 days.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

SOAP DIPENSERS, brush and comb holders, soap dish holders, toilet paper holders, tooth brush, cup and tumbler holders, towel racks, soap dishes; Mare Island. Sch. 9150; Nov. 17.

GASOLINE, Navy aviation; West Coast. Sch. 9131; Nov. 17.

STEEL, 29,300 lbs., plates; Mare Island. Sch. 9172; Nov. 17.

FACING, 10,010 lbs. brass boat; Mare Island & Puget Sound. Sch. 9183; Nov. 17.

BUFFS, 600 muslin; Mare Island Sch. 9188; Nov. 17.

SHOWER HEADS, 400; Mare Island & Puget Sound. Sch. 9161; Nov. 17.

POLISHING and scrubbing machines, electrically operated, 20; Mare Island. Sch. 9187; Nov. 17.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

WAR DEPARTMENT

SAN FRANCISCO.—Until November 17, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-70, for furnishing Manila rope for the U. S. Dredge, "A Mackenzie."

Delivery f.o.b. Pier 27, San Francisco waterfront.

Specifications obtainable from the above office.

SACRAMENTO.—Until November 17, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-103, for furnishing 2500 sq. ft. steel sheet piling for sump at Pumping Plant No. 3.

Delivery f.o.b. Sutter City.

Specifications obtainable from the above office.

FORT MASON.—Until November 16, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-154, for furnishing 1200 ft. wire rope, enamel, white lead, red lead, etc.

Specifications obtainable from the above office.

FORT MASON.—Until November 16, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-152, for furnishing 150 iron, zinc-coated fire buckets.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until Nov. 20, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-105, for furnishing 14,100 ft. standard hoisting rope of high grade uncoated plow steel, 6 strands, 19 wires to strand.

Delivery fob Rio Vista.

FORT MASON, Cal.—Until Nov. 17 10 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-35 for furnishing switches, cartridge fuses, conduit elbows, outlet boxes, armored cable, toggle switch plates, porcelain pull receptacles, locknuts, pipe straps, push buttons, buzzers, solder, etc.

Delivery fob Fort Baker.

Specifications obtainable from the above office.

FORT MASON, Calif.—Until Nov. 19, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-36, for furnishing wood brackets, cross arm pins, rod clamps, strain plates, anchor rods, guy clamps, pole steps, cross arm bolts, screws, etc.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Nov. 19, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-71, for furnishing 12 lengths of pontoon pipe for the U. S. Dredge "Multnomah."

Delivery fob San Francisco or Oakland waterfront.

Specifications obtainable from the above office.

OAKLAND CITY

OAKLAND, Alameda Co., Calif.—Until November 17, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing sulphur-silica joint compound for the remainder of the fiscal year ending June 30, 1937.

Specifications obtainable from the above office.

SAN MATEO COUNTY

SAN MATEO, San Mateo Co., Cal.—Until November 16, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, for furnishing one 1½-ton truck with hydraulic dump body for the Street Department.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE.—Until November 16, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3193, for furnishing miscellaneous supplies and equipment, including:

Metal Traffic Signs, Air Compressor, Wheelbarrows, Screw Jacks, Wire Rope Clips, Wrought-Iron Pipe, Bronze Sash Chain, Steel Connecting Links, Scythe Blades, Hinges, Grease Cups, Brass Screws, Assorted Files, Copper Tacks, Brass Hooks and Eyes, Grommets, Fire Extinguishers, Paint Pots, Lavatories, Wire Cloth, Poultry Netting, Archery Equipment, Ash Oars, Hose, Canvas, Cane Webbing, Powdered Activated Carbon (for water purification), Copper Sulphate, Lumber (White Pine or Sugar Pine, Spruce, Southern Yellow Pine and Douglas Fir), and Fire Extinguishing System (for installation in launch).

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE. — Until November 23, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3195, for furnishing miscellaneous supplies and equipment, including:

Metal lockers, bench grinder, baggage trucks, stepladders, bath tubs, shower fixtures, closet bends, power transformers, connecting wire, antennae wire, safety hand lamps, window glass, ribbed wire glass, plate glass, foundry nails, tin-lead solder, fiber baskets, leather belting, harness leather, asphalt-saturated felt, oakum, packing (rubber, asbestos & flax) rubber matting, corkboard, fire clay, bricks, ferrotitanium, ferrosilicon, and carbolic acid.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

RECLAMATION BUREAU

BOULDER CITY, Nev.—Until Nov. 23, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 855-D, for furnishing and delivering fob cars at shipping point and/or Boulder City, the following apparatus for installation by the Government in the Boulder power plant:

(1) four 2,667-kva, 60-cycle, single-phase, oil-insulated, self-cooled, 16,500/34,500-volt auto-transformers;
(2) two 19,895/115-volt, single-phase, 60-cycle, outdoor type, oil-insulater potential transformers;
(3) three 20/40-ampere single-phase, 34,500-volt, outdor type oil-insulated current transformers;
(4) three 40/80 ampere do;
(5) one 23,000-volt, 600-ampere, triple-pole, single-throw, outdoor-type, gang-operated, air-break switch;
(6) one relay and meter cabinet with accessories.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., for furnishing miscellaneous supplies for use on WPA projects as follows:

Corporation Yard, No. 6 13th St.
November 16, 10 A. M.

BID NO. 2844—10,734 l.f. cast-iron water pipe; f.o.b. Walnut Creek.

BID NO. 2828—Stretcher bar bands, bolts, clamps, tubular line posts, chain link wire fabric fencing, walk gates, rails, etc.; f.o.b. End of 78th Ave. and Arthur Street, Oakland.

BID NO. 2842—4,800 c.y. clay; f.o.b. Zoological Gardens, Sunset near Skyline, San Francisco.

November 19, 10 A. M.

BID NO. 2838—4,000 l.f. welded steel pipe; f.o.b. East Bay Municipal Utility District Yard, 6th and Harrison Sts., Berkeley.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

BAKERSFIELD, Kern Co., Calif. —Opperman & Co., 1327 Orange Dr., Bakersfield, at $4,632.82 submitted the low bid and awarded contract by Bakersfield City Council, V. Van Riper, City Clerk, for the construction of a reinforced concrete culvert over Kern Island Canal at 8th St.

Complete bids follow:

Opperman & Co. Bakersfield..$4,632.82
F. A. Greenough, " .. 5,917.63
D. A. Loomis, Glendale..... 6,348.77
A. J. Hendricks, Bakersfield.. 6,961.16

Joe Holfelder, City Engineer

CONTRACT AWARDED

BAKERSFIELD, Kern Co., Calif. —Opperman & Co., 1327 Orange Dr., Bakersfield, at $4,042.50 submitted the low bid and awarded contract by Bakersfield City Council, V. Van Riper, City Clerk, for the construction of a reinforced concrete culvert over Kern Island Canal at 24th St.

Complete bids follow:

Opperman & Co. Bakersfield..$4,042.50
F. A. Greenough, " .. 4,990.25
D. A. Loomis, Glendale..... 5,558.22
A. J. Hendricks, Bakersfield.. 5,656.75

Joe Holfelder, City Engineer.

PLANNED

STANISLAUS COUNTY, Cal.—The U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, has approved the application of Stanislaus County Board of Supervisors for permit to construct a bridge across San Joaquin River at the end of Las Palmas Ave. in Patterson. Estimated cost, $15,000.

Plans and specifications will be prepared by County Surveyor Geo. D. Macomber.

BIDS WANTED

SACRAMENTO, Sacramento Co., Calif.—Until November 27, 8:15 p.m., lump sum bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, for the construction of an approach viaduct from Third Street to the I Street bridge over the Sacramento River, to connect with the Jibboom Street viaduct being constructed under supervision of the State Division of Highways.

The work will involve:

(1) One existing approach to be removed and disposed of;
(2) 750 c.y. structure excavation;
(3) 3,200 c.y. imported borrow;
(4) 950 sq. yds. subgrade for pavement;
(5) 190 c.y. Class A portland cement concrete pavement;
(6) 350 pavement dowels;
(7) 270,000 lbs. bar reinforcing steel;
(8) 1,740 c.y. Class A portland cement concrete structures;
(9) 1,063,000 lbs. structural steel;
(10) 4,150 lbs. cast steel;
(11) 2,150 l.f. pipe handrailing;
(12) 16,800 l.f. treated Douglas fir piles, including test piles (furnishing);
(13) 334 treated Douglas fir piles, including test piles (driving);
(14) 120 c.y. Class A portland cement concrete, curbs, gutters, and sidewalks;
(15) One lot alterations.

A recently approved PWA grant of $72,500 will supplement $91,540 in city funds to finance construction.

Plans were prepared by the State Division of Highways.

Plans and specifications obtainable from the office of the City Clerk upon deposit of $25. 21

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until November 18, 2 p.m., as previously reported, bids will be received by the State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for the construction of a steel and concrete pedestrian overhead crossing at Maple and 7th Sts., Colton.

The work involves:

(1) 60 c.y. structure excav.;
(2) 12,000 lbs. bar reinforcing steel in place;
(3) 85 c.y. class A Portland cement concrete in place;
(4) 32,000 lbs. structural steel in place;
(5) 70 lbs. cast steel in place;
(6) 272 l.f. 2-in. standard pipe, in place;
(7) 2600 sq. ft. wire mesh with frames;
(8) 1 lot drainage equipment, in place;
(9) 75 l.f. copper strips in place.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

BENTON CO., Oregon.—Sig Ash, Portland, at $40,180, submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for construction of two bridges and 1.045 miles of grading and surfacing on the Alsea-South Fork Section of Alsea-Deadwood Highway, Benton County.

The award is subject to approval by the PWA.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the Forest Service, F. F. Moran, Assistant Procurement Officer, Phelan Bldg., San Francisco, under Bid No. 929, for furnishing structural steel for the South Fork Antelope Creek Bridge:

Herrick Iron Works—$636, f.o.b. Oakland.
Schrader Iron Works—$790, f.o.b. San Francisco.
Bethlehem Steel Corp.—$1,029, f.o.b. Alameda.
Judson Pacific Co.—$683, f.o.b. San Francisco.
Golden Gate Iron Works—$720, f.o.b. San Francisco.
California Steel Products Co.—$849, f.o.b. San Francisco.
Independent Iron Works—$723, f.o.b. Oakland.

CAPITAL CITY TITLE COMPANY

J. C. PALEN.
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

SANTA BARBARA CO., Cal.—Until November 24, 2 P. M., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the widening of a bridge across Zaca Creek, about nine miles south of Los Alamos.

Plans and specifications obtainable from above office.

CONTRACT AWARDED

ELDORADO CO., Calif. — Hector Williamson, Placerville, at $2,450, submitted low bid and awarded contract by the Eldorado County Board of Supervisors, Arthur J. Koletzke, Clerk, Placerville, for the construction of a reinforced concrete girder bridge approach across the South Fork of the American River in District No. 4, Coloma.

Complete bids follow:

Hector Williamson, Placerville..$2,450
E. B. Livingston, Placerville.... 2,780
D. E. Morton, Placerville..... 2,850
Carl R. Fiedler, Placerville..... 3,300

CONTRACT AWARDED

MARICOPA CO., Ariz.—Vinson & Pringle, 919 E. Madison, Phoenix, at $44,619.98 awarded contract by the Arizona State Highway Commission, Phoenix, for constructing the McClintock Ave. overpass on the Tempe Chandler Highway, WPGS 126, AFE 618. The work, which is located about one mile east and ¼ mile south of the city dimits of Tempe, consists of the construction of a concrete and steel overpass structure and earthwork approaches, and is to be completed on or before June 30, 1937.

CONTRACT AWARDED

ELDORADO CO., Calif. — Donald E. Morton, 65 Broadway, Placerville, at $5,989.55, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of a bridge across Webber Creek, 1.5 mi. south of Placerville, Eldorado Co.

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

PEARL HARBOR, T. H. — Until December 16, bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8360, for construction of reinforced concrete fleet moorings at the 14th Naval District, Pearl Harbor, T. H. Estimated cost, $220,000.

Plans and specifications obtainable from the above office, from the Commandant, 14th Naval District, Pearl Harbor, and from the Commandant, 12th Naval District, Federal Office Building, San Francisco, upon deposit of $25.

23— CANALS

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Ida. —H. L. Horn, Ontario, Ore., at $44,531 awarded contract by the Bureau

of Reclamation, Ontario, under Spec. No. 698, for construction of earthwork and structures, Dead Ox pump canals and Crystal feeder canal, Dead Ox Flat Division, Owyhee Project. R. J. Newell, Construction engineer.

CONTRACTS AWARDED

PATTERSON, Stanislaus Co., Cal.—Contracts for construction of about 16 mi. of main laterals and 2 miles of sub-lateral concrete canal lining, estimated to cost approximately $100,000, have been awarded by the Patterson Water Co. as follows:

Lloyd Terrell, 221 Ninth Ave., Turlock—Mixing and laying concrete.

H. Sykes, Patterson, and Richardson & Richardson, Patterson—Hauling.

Frank B. Marks, Newman—Supplying approximately 8,000 c.y. of sand and gravel.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

SACRAMENTO, Cal.—Lincoln Electric Co., 866 Folsom Street, San Francisco, at $654.05 awarded contract by the Sacramento City Council for furnishing one 300-ampere portable truck-type motor generator electric welding set.

BIDS OPENED

SAN FRANCISCO.—Novo Engine Co., 522 Bryant St., at $860 submitted low bid to T A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1681, for furnishing one gasoline engine driven double drum hoist, 3¼x4-in., 4200-lb.

Complete bids follow:

Novo Engine Co., $860.00.

A. L. Young Machinery Co., $950.-40.

Edward R. Bacon, $1.065.

Harron, Rickard, McCone, $1,104; Alt., Essen model 305-N, double drum hoist, 3x4-in., $946.

H. C. Wood Machine Wks, $1253.10.

Webber & Co., $1,335.36.

27—FIRE ALARM SYSTEM

CONTEMPLATED

REDDING, Shasta Co., Cal.—City Council has under consideration a proposal to install complete new fire alarm system, estimated at $12,500.

28— FIRE EQUIPMENT

CONTEMPLATED

REDDING, Shasta Co., Calif.—City Council has under consideration proposal to purchase aerial ladder truck, pump truck and tank truck for fire department, estimated at $24,000.

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—Until November 16, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, for furnishing fire alarm boxes.

Specifications obtainable from the above office. 28

29— STREETS AND HIGHWAYS

PLANNED

SACRAMENTO, Sacramento Co., Calif.—City Council has adopted resolution of intention to improve 41st St., between R and T Streets, by the construction of concrete curbs and gutters, sidewalks, resetting cast-iron gutter drain and connecting same to sewer system with vitrified ironstone sewer pipe; constructing vitrified ironstone pipe sewer, installing cast-iron gutter drains, and connecting same to sewer system with vitrified ironstone sewer pipe; reconstructing existing manhole by placing curb and cover to grade; grading; and constructing an asphaltic concrete pavement two in. in thickness on a 4-in. gravel subbase.

Hearing of protests is set for November 19, 8:15 p.m.

PLANNED

LAS VEGAS, Nev.—The Las Vegas city council has adopted a resolution of intention to improve 52 blocks of city streets. The cost is estimated at $76,364, of which $34,364 will be a direct federal grant, the balance to be financed by the sale of bonds, the latter to be retired by direct assessments against the property. The proposed work will involve curbs, gutters, and oil bound gravel surfacing. H. P. Marble is the Street Commissioner and will be in charge of the work.

A grant of $34,364 was recently approved by the PWA.

CONTRACT AWARDED

UMATILLA & UNION COS., Oregon.—Max J. Kuney, E. 120 Augusta, Spokane, at $125,632.32, awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for 23.222 miles surfacing and bituminous surfacing treatment on the Weston-Elgin Highway, Umatilla National Forest, Umatilla and Union Counties, Oregon.

COMPLETE BID LISTING

HUMBOLDT CO., Nevada.—Geo. French, Jr., P. O. Box 107, Stockton, at $1,357.70, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for the construction of a portion of the highway system in Humboldt County, within the city of Winnemucca, a length of approximately 0.06 mile.

The work involves:

(1) 1,860 sq. yds. subgrade;
(2) 0.06 mile finish roadway;
(3) 667 tons crushed gravel or stone surface;
(4) 11 tons asphaltic road material, Type SC-2;
(5) 1 ton do, Type MC-2;
(6) 1,860 sq. yds. roadmix;
(7) 7 tons screenings;
(8) 594 l.f. guard rail (special);
(9) one ton emulsified asphalt penetration.

Total bids follow:

(A) George French, Jr., Stockton, $1-357.70.
(B) Dodge Const. Inc., Fallon, $2,-058.60.
(C) Isbell Const. Co., Reno, $2,221.50.
(D) Engineer's estimate, $1,665.40.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .03	$ .10	$ .10	$ .05
(2)	300.00	1000.00	1000.00	1000.00
(3)	.70	1.00	1.00	.90
(4)	15.00	20.00	21.00	19.00
(5)	50.00	50.00	50.00	26.00
(6)	.03	.10	.10	.05
(7)	3.00	15.00	7.00	2.50
(8)	.80	.90	1.25	.90
(9)	50.00	50.00	50.00	32.00

COMPLETE BID LISTING

HUMBOLDT COUNTY, Nev.—Geo. French, Jr., P. O. Box 107, Stockton, at $55,740.10, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for the construction of a portion of the highway system in Humboldt County, within the city of Winnemucca, a length of approximately 0.66 mile.

The work involves:

(1) 57 l.f. remove culvert pipe;
(2) 97,660 c.y. rdwy. excavation;
(3) 55 c.y. structure excavation;
(4) 15,595 sq. yds. subgrade;
(5) 0.85 mile finish roadway;
(6) 5,608 tons crush. gravel or stone surface;
(7) 96 tons asphaltic road material, Type SC-2;
(8) 8 tons do, Type MC-2;
(9) 15,725 sq. yds. roadmix;
(10) 50 tons screenings;
(11) 240 tons Class A concrete;
(12) 215 lbs. reinforcing steel;
(13) 264 l.f. 12-inch corrugated metal pipe (dipped);
(14) 182 l.f. 18-in. do;
(15) 1,000 c.y. hand laid riprap;
(16) 30 l.f. re-lay culvert pipe;
(17) 1,846 l.f. guard rail (special);
(18) 22 each monuments;
(19) 144 each move graves;
(20) 1 each, automatic drainage gate
(21) 7 tons, emulsified asphalt penetration;
(22) 900 lbs. castings;

Total bids follow:

(A) Geo. French, Jr., Stockton, Cal., $55,740.10.
(B) Dodge Const., Inc., Fallon, $67,-502.40.
(C) Isbell Const. Co., Reno, $82,011.60
(D) Engineer's estimate, $60,934.30.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.00	$ 1.00	$ 1.00	$ 1.00
(2)	.26	.35	.44	.32
(3)	1.00	1.50	2.00	2.00
(4)	.03	.10	.10	.05
(5)	300.00	1000.00	1000.00	1000.00
(6)	.70	1.00	1.00	.90
(7)	15.00	20.00	21.00	19.00
(8)	50.00	50.00	50.00	26.00
(9)	.03	.10	.10	.05
(10)	3.00	15.00	7.00	2.50
(11)	25.00	25.00	30.00	28.00
(12)	.10	.10	.10	.10
(13)	1.75	2.00	2.00	2.50
(14)	2.50	2.50	2.60	3.00
(15)	4.00	4.00	6.00	4.00
(16)	1.00	1.00	1.00	1.00
(17)	.80	.90	1.25	.90
(18)	3.00	3.00	4.00	4.00
(19)	70.00	50.00	65.00	40.00
(20)	50.00	30.00	25.00	50.00
(21)	50.00	50.00	50.00	32.00
(22)	.15	.20	.15	.15

PLANNED

ALAMEDA, Alameda Co., Calif.—Plans and specifications for the improvement of about six blocks of Otis Drive, between Bay Farm Island Bridge and Mound St., have been completed by City Engineer George Sperbeck and will be forwarded to the State Division of Highways, Sacramento, for approval. Estimated cost, $28,000.

Specifications include a 56-ft. asphaltic concrete pavement, curbs, gutters, a 3-ft. addition to present retaining wall, etc.

Work will be financed by city's share of state gasoline tax funds.

BIDS OPENED

LOS ANGELES, Cal.—Kovacevich & Price, Inc., 5400 Imperial Highway South Gate, at $12,565.40 submitted low bid to the Los Angeles County Board of Supervisors for the improvement of San Pasqual Ave. from Craig Ave. westerly to San Marino Ave. and along San Marino south to the Rubio storm drain south of Hemet Road, a distance of 1100 l.f.

J. C. Hickey, Alhambra, at $13,-590.30 submitted second low bid.

CONTRACT AWARDED

LOS ANGELES.—Kovacevich and Price, Inc., 5400 Imperial Highway, South Gate, at $12,565.40, submitted low bid and awarded contract by the Los Angeles County Board of Supervisors for the improvement of San Pasqual Ave. from Craig Ave. westerly to San Marino Ave., and of San Marino south to the Rubio storm drain south of Hemet Road, a distance of 1100 lineal feet.

BIDS OPENED

NYE COUNTY, Nev.—Geo. Pollock Co., Forum Bldg., Sacramento, at $35-879.64, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Heroes' Memorial Building, Carson City, for the construction of a portion of the highway system in Nye County, Route 8A, Section A1, between junction Route 4 and a pt. approximately 5 miles north, a length of approximately 5.01 miles.

The work involves:

(1) 22,141 c.y. rdwy. excavation;
(2) 17,360 sta. yds. overhaul;
(3) 6,201 c.y. select borrow;
(4) 18,069 c.y. imported borrow;
(5) 270 c.y. structure excavation;
(6) 5.01 mile subgrade;
(7) 5.01 mile finish roadway;
(8) 23,740 tons crush. gravel or stone surface;
(9) 22 c.y. Class A concrete;
(10) 50 c.y. Class B concrete;
(11) 3,486 lbs. reinforcing steel;
(12) 34 l.f. 18-in. corru. metal pipe (dipped);
(13) 508 l.f. 24-in. do;
(14) 218 l.f. 30-in. do;
(15) 154 l.f. 36-in. do;
(16) 12 each, monuments.

Total bids follow:

(A) Geo. Pollock Co., Sacramento, $35,879.64.
(B) Nevada Rock & Sand Co., Reno, $39,144.59.
(C) Utah Const. Co., Ogden, $39,-934.86.
(D) Isbell Const. Co., Reno, $40,234.10
(E) Engineer's estimate, $39,819.70.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$ .33	$ .30	$ .38	$ .35	$ .35
(2)....	.015	.03	.03	.02	.02
(3)....	.40	.50	.45	.60	.45
(4)....	.35	.31	.35	.35	.40
(5)....	1.00	2.00	1.50	1.50	1.00
(6)....	100.00	100.00	100.00	100.00	100.00
(7)....	100.00	200.00	100.00	100.00	100.00
(8)....	.55	.60	.60	.60	.60
(9)....	30.00	40.00	35.00	35.00	30.00
(10)....	30.00	40.00	35.00	35.00	30.00
(11)....	.06	.10	.08	.10	.10
(12)....	2.00	3.00	2.00	2.30	2.25
(13)....	2.50	3.50	3.00	3.25	3.25
(14)....	3.00	4.00	4.00	4.00	4.50
(15)....	5.00	6.00	6.00	6.00	6.00
(16)....	4.00	4.00	4.00	4.00	4.00

BIDS OPENED

PIERCE and Lewis Cos., Wash.—Warren Northwest, Inc., P. O. Box 5072, Portland, at $103,422 submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for bituminous surfacing on the Mt. Rainier National Park West Entrance - Paradise Inn Highway, Nisqually Glacier-Paradise Inn Section, Mount Rainier National Park, Pierce and Lewis Cos., Wash.

The length of the project is approximately 7.882 miles on the main line and 0.563 miles side roads and 3.336 miles in parking areas.

The principal items of work involved are:

(1) 9,550 c.y. unclass. excav.;
(2) 25,000 sta. yds. overhaul;
(3) 8.446 mi. preparation of roadway;
(4) 25 tons MC-2 grade liq. asphalt;
(5) 800 tons 95 plus grade liq. asph.;
(6) 315 tons emulsified asphalt;
(7) 110 c.y. Class D concrete;
(8) 2,950 l.f. masonry curb;
(9) 200 l.f. 24-in. CGMP;
(10) 18,000 tons bituminous mix, in place;
(11) 2,000 c.y. loading and placing stockpiled aggregate;
(12) 820 sq. yds. bituminous sidewalk;
(13) 25,000 sq. ft. cut, lift, and storing sod;
(14) 4,700 l.f. bituminous surface gutter;
(15) 4,700 l.f. boulder curb;
(16) Lump sum, extra and miscellaneous force account work.

Complete bids follow:

Warren Northwest, Inc. Portland	$103,422
L. Romano Engr. Corp., Seattle	105,228
Washington Asphalt Co., Seattle	106,540
Babler Bros., Portland	131,289

LOW BIDDERS

KING COUNTY, Wash.—Jas. Coyle 901 Westlake N., Seattle, and the Acme Const. Co., Northern Life Tower, Seattle, at $133,630 submitted the lowest of fourteen bids received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for 2.55 miles grading Stevens Pass Highway, Snoqualmie National Forest, King County, Wash.

The principal items of work involved are:

(1) 32 acres clearing;
(2) 15 acres grubbing;
(3) 179,900 c.y. unclassified excav.;
(4) 160,000 sta. yds. overhaul;
(5) 15,000 c.y. subgrade reinf.;
(6) 2,55 miles finishing earth graded road;
(7) 3,000 c.y. mile overhaul;
(8) 15 acres roadside cleanup;
(9) 50 each, dangerous trees and snags;
(10) 13,000 l.f. rounding cut slopes;
(11) 76 c.y. Class A concrete;
(12) 9,000 lbs. reinforcing steel;
(13) 1,230 l.f. reinforced concrete pipe;
(14) 1,120 l.f. culverts (Alt.);
(15) 200 c.y. handlaid riprap.
(16) Lump sum, extra and miscellaneous force account work.

The low bids were:

Jas. Coyle and Acme Const. Co., Seattle	$134,630
Elliott & Co., Seattle	139,125
Northwest Const. Co., Inc., Seattle	139,435

CONTRACT AWARDED

SAN DIEGO CO., Calif.—Wood & Bevanda, P.O. Box 49, Stockton, at $399,157.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 7.9 miles of grading and paving and constructing bridges in San Diego County, between Oceanside and Las Flores underpass.

LOS ANGELES CO.—0.6 Mi. GRADE & PAVE—STATE

LOS ANGELES COUNTY, Cal.—Oswald Bros., 366 E 58th St., Los Angeles, at $57,412.50 submitted low bid to the State Division of Highways, C. H Purcell State Highway Engineer, State Bldg., Los Angeles, for about 0.6 mile grading and paving with asphalt concrete in the City of Los Angeles on Marengo St. between Cornwell and Lord Streets.

The work involves:

(1) 30 sta. clear and grub right of way;
(2) 530 M. gals. water;
(3) 1,200 c.y. existing concrete, remove and dispose of;
(4) 18,500 c.y. rdwy. excav., unclass.
(5) 1,950 c.y. struc. excav.;
(6) 3,500 c.y. imported subgrade material;
(7) 12,200 sq. yds. preparing subgrade;
(8) 30 sta. finishing rdwy.;
(9) 12 tons liquid asph. MC-2 (prime coat);
(10) 2,300 tons mineral agg. (plant-mix surf.);
(11) 122 tons liquid asphalt MC-4 or MC-5 (do);
(12) 3,600 tons asphalt concrete (base and leveling course);
(13) 1,400 tons asphalt concrete (type A surf. course);
(14) 750 lbs. bar reinf. steel;
(15) 37 c.y. Class A Portland cement concrete (struc.);
(16) 8,200 lbs. misc. iron and steel;
(17) 180 l.f. 15-in. stand. reinf. conc. pipe;
(18) 40 l.f. 18-in. do;
(19) 60 l.f. existing CMP culverts, remove, clean and salvage;
(20) 110 l.f. do, remove clean and relay;
(21) 1,260 l.f. 6-in. vit. clay pipe;
(22) 10 c.y. Class C Portland cement concrete (pipe reinf.);
(23) 130 l.f. 15-in. plain conc. pipe;
(24) 30 l.f. 18-in. do;
(25) 870 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks, driveways, pavement);
(26) 450 l.f. curb armor;
(27) 1,100 l.f. 1½-in. conduit;
(28) 10 each manholes, adjusted to grade.

Total bids follow:

(A) Oswald Bros., Los Angeles, $57,-412.50.
(B) George R. Curtis Paving Co., Los Angeles, $65,218.50.
(C) W. E. Hall Co., Alhambra, $65,-389.30.
(D) Southwest Paving Co., Roscoe, $66,923.50.
(E) United Concrete Pipe Corp., Los Angeles, $67,108.00.
(F) P. J. Akmadzich, Los Angeles, $67,528.00.
(G) Griffith Co., Los Angeles, $73,-627.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	$12.00	$12.00	$10.00	$10.00	$10.00	$20.00	$20.00
(2).....	1.50	1.20	1.50	1.50	2.00	1.50	1.00
(3).....	1.60	2.40	4.00	2.50	2.20	2.50	3.00
(4).....	.52	.60	.60	.70	.75	.75	.65
(5).....	1.35	1.20	1.40	1.75	2.00	1.00	4.00
(6).....	.65	1.20	.60	.80	.80	1.25	1.00
(7).....	.12	.15	.10	.12	.15	.12	.15
(8).....	10.00	12.00	5.00	8.00	7.00	5.00	11.00
(9).....	22.00	22.20	20.00	23.00	20.00	25.00	25.00
(10).....	2.25	2.59	2.50	2.60	2.50	2.75	2.25
(11).....	14.50	16.20	14.00	17.00	16.00	16.50	15.00
(12).....	2.90	3.15	3.48	3.00	3.25	3.25	3.40
(13).....	3.35	3.48	3.55	3.30	3.45	3.50	3.40
(14).....	.06	.08	.10	.10	.05	.10	.07
(15).....	28.00	24.00	18.00	40.00	35.00	30.00	30.00
(16).....	.16	.15	.15	.20	.12	.16	.16
(17).....	2.20	2.04	2.75	3.00	3.00	1.80	2.00
(18).....	2.50	2.40	3.00	3.50	3.25	2.20	3.00
(19).....	.80	1.80	1.00	2.25	1.50	1.00	1.20
(20).....	1.00	1.80	1.00	3.10	1.00	1.50	1.80
(21).....	.60	1.20	.48	1.35	.70	.60	.50
(22).....	10.00	10.80	10.00	17.00	15.00	20.00	10.00
(23).....	1.20	1.20	2.75	1.50	2.00	1.20	1.00
(24).....	1.55	1.50	2.50	2.00	2.25	1.50	1.50
(25).....	12.00	12.75	14.00	12.00	12.00	12.00	16.00
(26).....	1.25	1.20	1.00	1.40	1.00	1.20	1.10
(27).....	.40	.50	.40	.40	.35	.60	.33
(28).....	16.00	15.00	10.00	22.50	20.00	15.00	20.00

BIDS WANTED

YAVAPAI and Coconino Counties, Ariz.—Until December 1, 10 A. M., bids will be received by the Bureau of Public Roads, New Post Office Bldg., Phoenix, for 1.872 miles of grading on Section K of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai and Coconino Cos., Ariz.

The principal items of work involved are:

(1) 11,5 acres clearing;
(2) 11.5 acres grubbing;
(3) 46,500 c.y. unclass. excavation;
(4) 800 c.y. do for structures;
(5) 8,400 c.y. do for borrow;
(6) 351,000 sta. yds. overhaul;
(7) 2,600 furrow ditches;
(8) 175 c.y. concrete;
(9) 17,000 lbs. reinforcing steel;
(10) 0.16 MFBM untreated timber;
(11) 240 c.y. cement rubber masonry;
(12) 852 l.f. CGS metal pipe;
(13) 8 right of way monuments;
(14) one cattle guard;
(15) 2,360 l.f. barbed wire fence;
(16) one gate;
(17) 138 l.f. remove, clean and relay existing CMP;
(18) 1,320 l.f. special fence;
(19) 1,550 l.f. remove existing fence;
(20) 26 culvert markers.

Plans and specifications obtainable from the Bureau of Public Roads, 247 New Post Office Building, P. O. Box 70, Phoenix, and Federal Office Bldg., Civic Center, San Francisco, upon deposit of $10 per set.

CONTRACT AWARDED

MARICOPA CO., Ariz.—W. E. Hall Co., P. O. Box 289, Phoenix, at $21,-336.85 awarded contract by Arizona State Highway Commission, Phoenix for highway construction on Tempe-Scottsdale Highway (Curry Highway WPSO 119, AFE 615). The work, which is to begin at a point near the north end of the Tempe bridge on the Phoenix-Tempe Highway and is to extend northeasterly about 1.6 miles, consists of furnishing and placing select material and cutback plant mix and is to be completed on or before Jan. 15, 1937.

CONTRACT AWARDED

SOLANO COUNTY, Calif. — Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $114,341.45 were awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 2.5 miles grading and paving with portland cement concrete in Solano County between one mile west of Vacaville and 0.7 mile east of Vacaville.

NOTICE TO BIDDERS

LOS ANGELES CO., Calif.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work in Los Angeles County, for which bids will be opened in Los Angeles Nov. 25.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser:

VII-L.A.-167-L. Bch. & A, between 68th St. in Long Beach and Olive St.: PLANS (No. of sheets) 14; (Cost) $1.40; CROSS-SECTIONS (No. of sheets) 23; (Cost) $2.30; (Total) $3.-70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways and should accompany the requests for the above plans, specifications, and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

PLANS COMPLETED

PALO ALTO, Santa Clara Co., Cal. —Plans and specifications for asphaltic concrete pavement on Hamilton Ave., from Ramona to Middlefield Road, and on Alma Street, from California St. to El Carmelo Ave., a 20-ft. reinforced concrete culvert type span over Matadero Creek, and storm water sewers in Bryant St., from Forest Street to Embarcadero Road, have been completed by City Engineer J. F. Byxbee and forwarded to the State Division of Highways, Sacramento, for approval.

The PWA has recently approved a grant of $20,070 to aid in financing the project, cost of which is estimated at $44,500.

CONTRACTS AWARDED

STATE OF WASHINGTON.—Bids for highway construction were opened by L. V. Murrow, Director of Highways, Olympia, November 5, and contracts awarded as follows:

King County — Clearing, grading, draining and constructing six treated pile and timber trestles with concrete decks and a 160-foot reinforced concrete lined tunnel on about 4.7 mi. of State Road No. 15, Stevens Pass Auto Camp to Money Creek Park, involving about 49 acres of clearing, 205,310 cubic yards of excavation, 3,815 cubic yards of tunnel excavation, 25,380 cubic yards of selected roadway borrow, 1,088 cubic yards of concrete, 85,100 pounds of steel reinforcing bars, 4,400 linear feet of treated piling, 76 MFBM of treated timber and lumber, 1,791 linear feet of pipe culverts and other items.

Awarded: Myers & Goulter, 3227 1st St., Seattle, $259,196.

Okanogan County — Surfacing and constructing a bituminous surface treatment road mix type Class "B" on about 20.0 miles of State Road No. 4, Tonasket to Wauconda Summit, Unit 2, involving about 4,500 c.y. of crushed stone surfacing, 1,350 tons of bituminous cement, and other items.

Awarded: Standard Asphalt Paving Co., Chronicle Bldg., Spokane, $52,387.

Pend Oreille County — Clearing, grading, draining and surfacing with crushed stone about 3.7 miles of State Road No. 6, McCloud Creek to Dalkena, involving about 12 acres of clearing, 10 acres of grubbing, 37,660 c.y. of excavation, 11,500 c.y. of selected roadway borrow, 11,430 c.y. of crushed stone surfacing, 1,695 l.f. of cable guard rail design No. 6, 644 l.f. of pipe culverts, and other items.

Awarded: Joslin & McAllister, E 3038 Trent, Spokane, $41,519.

Okanogan County—Clearing, grading, draining and surfacing with crushed stone about 1.9 miles of the Methow Valley Highway, involving about 75,340 c.y. of excavation, 5,230 c.y. of crushed stone, 5 c.y. of concrete, 2,473 l.f. of pipe culvert, and other items.

Awarded: Norris Bros., Burlington, $28,874.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Oswald Bros., 366 E. 58th St., Los Angeles, at $57,412.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.6 mile grading and paving with asphalt concrete in the City of Los Angeles on Marengo Street, between Cornwell and Lord Streets.

LOW BIDDERS

YAVAPAI CO., Ariz.—Pearson and Dickerson, P. O. Box 471, Prescott, at $66,841.53 submitted the low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Prescott - Jerome Highway, F.A. Reop. (1937), AFE 7925, FA 17 Reop. (1937) AFE 7924. The work which extends from Jerome southwesterly for a distance of about 6⅔ miles, consists of furnishing and placing aggregate base course and cutback plant mix, and is to be completed on or before Mar. 15, 1937. The items and approximate quantities are:

23,800 sq. yds. reshaping road surface;
260 M. gals. sprinkling;
110 hours rolling;
9,650 tons coarse aggregate base course (CIP);
1,800 tons fine aggregate base course (CIP);
12,100 tons plant mix;
485 tons cutback asphalt;
6.7 miles placing plant mix;
1,450 tons screenings;
200 tons emulsified asphalt (Class A);
75 sq. yds. placing intersections;
84,300 gal. road oil (SC-2);
175 tons cover coat (concrete sand) (CIP).

The other bids were:

W. E. Hall Co., Phoenix, $75,893.39.
Lee Moor Contr. Co., El Paso, Tex., $79,500.96.
Phoenix-Tempe Stone Co., Phoenix $85,310.15.
H. J. Hagen, Globe, $113,565.55.

CONTRACT AWARDED

MARICOPA CO, al.—Tanner Construction Co., 10 Out West Building, Phoenix, at $61,630.85 awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on Wickenburg-Morristown Highway, FA 59 2nd Reopening (1937) AFE 6052. The work, which is to begin about ¾ mile south of Wickenburg and extends southerly about 1.9 miles, consists of grading and draining; the furnishing and placing of aggregate base course and cutback asphalt mix (either road or plant mix) and salvaging and relaying old oil cake. The work is to be completed May 31, 1937.

BIDS WANTED

HUMBOLDT CO., Calif.—Until December 2, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 5.2 miles grading and surfacing with gravel base and screened gravel and an existing concrete bridge to be widened in Humboldt County, between Beatrice overhead and Eureka.

The work involves:

(1) 272 sta. clear and grub right of way;
(2) 1,500 M. gals. water;
(3) 37,500 c.y. roadway excav., unc.;
(4) 458,000 sta. yds. overhaul;
(5) 1,875 c.y. struc. excav.;
(6) 850 c.y. ditch and channel excav.;
(7) 40,500 c.y. imported borrow;
(8) 274 sta. finishing roadway;
(9) 37,800 tons gravel base;
(10) 18,700 tons screened gravel (surfacing);
(11) 235 tons liq. asphalt, SC-1A (prime coat);
(12) 64 tons liq. asphalt, 90-95 (seal coat);
(13) 755 tons screenings (seal coat);
(14) 70 tons mineral aggregate (plant-mix surf.);
(15) 3 tons liq. asphalt, SC-3 (plant-mix surf.);
(16) 243 c.y. Class A portland cement concrete (structures);
(17) 42,300 lbs. bar reinf. steel;
(18) 22 MFBM Redwood timber, dense, select, all-heart, struc. grade;
(19) 9 MFBM Redwood timber, select, all-heart, struc. grade;
(20) 810 l.f. furnishing conc. piles, including test piles;
(21) 16 each, driving concrete piles, including test piles;
(22) 510 l.f. 8-in. CMP;

(23) 340 l.f. 12-in. CMP;
(24) 1,130 l.f. 18-in. CMP;
(25) 140 l.f. 24-in. CMP;
(26) 44 l.f. 30-in. CMP;
(27) 60 l.f. 36-in. CMP;
(28) 2,150 l.f. 8-in. perf. metal pipe (underdrains);
(29) 170 l.f. 12-in. perf. metal pipe (underdrains);
(30) 2,050 tons rock filling material;
(31) 6 each, spillway assemblies;
(32) 6 each, perf. metal junction pipes;
(33) 8 each, cast steel frames and covers for drop inlets;
(34) 510 c.y. exist. conc. to be removed and disposed of;
(35) 10 each, exist. headwalls to be removed and reset;
(36) 394 l.f. timber bridge railing;
(37) 400 l.f. temporary timber railing;
(38) 150 each guide posts;
(39) 80 each, culvert markers;
(40) 3.65 miles new property fence;
(41) 1.80 miles exist. fence to be removed and reset;
(42) 20 each, drive gates;
(43) 310 l.f. 4-in. wrought-iron pipe;
(44) 64 l.f. 6-in. wrought-iron pipe;
(45) 62 each, monuments complete, in place;
(46) 1 lot misc. bridge items;
(47) 1 lot demolishing bldgs.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Eureka.

CONTRACT AWARDED

MARICOPA O., Cal.—Arizona Sand & Rock Co., Box 1522, Phoenix, at $73,521.89 awarded contract by the State Highway Commission, Phoenix, for highway improvement on the Phoenix-Glendale Highway, FA 33, reop (1937) AFE 6060, and the Phoenix-Prescott Highway, FA 48-A, reop (1937) AFE 6061. The work, which on FA 33, reopened (1937) begins about ¼ mi. northwest of Six Points at Phoenix and extends northwest about 2.6 miles, and FA 48-A, reop. (1937) begins at Glendale and extends northwest about 1¾ miles, consists of widening the existing pavement with cement concrete, furnishing and placing cutback plant mix and miscellaneous grading and draining work, and is to be completed on or before June 30, 1937.

CONTRACTS AWARDED

STATE OF OREGON.—Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, Nov. 5, and action taken as follows:

CLATSOP CO.,: North Fork Nehalem River Section of the Oregon Coast Highway: 0.896 mile of grading, surfacing and oil mat surface treatment; also construction of a 168-foot bridge consisting of a 100-ft. steel deck truss span on concrete piers and three composite trestle spans. Requires approximately 27,-300 cu. yds. excavation; 4,000 cubic yards crushed rock; 700 cu. yds. salvaged surfacing materials; 9,500 sq. yds. oil mat surface treatment; 190 cu. yds. concrete; 38,000 lbs. metal reinforcement; 105,000 lbs. structural steel; 350 lin. ft. concrete handrail and 20 MFBM treated lumber.

Awarded: Dolan Const. Co., Tillamook, $43,617.

DESCHUTES & KLAMATH COS.: Bend-Crescent Section of The Dalles - California Highway. Furnish 10,000 c.y. of crushed rock in stock pile.

Low Bidder: E. C. Hall, Eugene, $24,700. Referred to the engineer.

GILLAM AND WHEELER COS.: Condon-Fossil Section of John Day Highway. Furnish 6,300 c.y. crushed rock in stock pile.

Low Bidder: Schmeer, Williams & Gentemann, 3233 NE 12th, Portland $9,945. Referred to the engineer.

GRANT COUNTY: John Day Rock Production Project on John Day and John Day-Burns Highways. Furnish 4,000 c.y. crushed gravel in stock pile. This project may be bid in combination with Burns Rock Production Project in Harney County.

Low Bidder: Chas. H. Leonard, Albany, $7,720. Refered to the engineer.

HARNEY CO.: Burns Rock Production Project on Central Oregon and John Day - Burns Highways. Furnish 5,600 c.y. crushed gravel in stock pile. This project may be bid in combination with John Day Rock Production Project in Grant County.

Low Bidder: Hart Const. Co., La Grande, $12,260. Bids rejected.

HARNEY CO.: Gap Branch - Silver Creek Section of Central Oregon Highway: 2.33 miles of grading and 13.3 miles of gravel surfacing and road - mix oil treatment. Requires approximately 7,600 c.y. embankment construction; 24,000 c.y. of pit - run gravel surfacing materials, and 156,-500 sq. yds. road mix surfacing.

Low Bidder: Warren Northwest, Inc., P. O. Box 5072, Portland, $91,-966. Referred to the engineer.

JACKSON CO.: Eagle Point-Crater Lake Section of Crater Lake Highway. Furnish 26,100 c.y crushed rock or crushed gravel in stock pile.

Low Bidder: A. S. Wallace, Roseburg, $37,584. Referred to engineer.

JACKSON CO.: Tolman Creek-Siskiyou Section of Pacific Highway; 3.69 miles gravel topping; 7.92 miles crushed rock surfacing; 7.92 miles bituminous macadam wearing surface and 2,000 c.y. crushed rock in stock pile. Requires approximately 4,000 c.y. excavation; 9,500 c.y. of gravel; 18,200 c.y. decomposed granite; 37,400 c.y. crushed rock, and 105-700 sq. yds. bituminous macadam wearing surface.

Low Bidder: E. C. Hall, Eugene, $144,544. Referred to the engineer.

MALHEUR CO.: Pumping Plant Hill Section of Old Oregon Trail; 3.26 miles of grading and 1.43 miles of surfacing. Requires approx. 64,500 c.y. excavation; 102 c.y. concrete; 5,000 c.y. gravel and 1,500 c.y. salvaged surfacing materials.

Low Bidder: McNutt Bros., Eugene $33,445. Referred to the engineer.

30—RESERVOIRS & DAMS

CONTRACT AWARDED

SAN FRANCISCO.—MacDonald & Kahn Co., Ltd., 200 Financial Center Building, at $692,916 (Schedule "B," using ordinary weight concrete throughout), awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W.D. 111, for the construction of concrete lining, roof and control works for the University Mound Reservoir.

TO ASK BIDS SHORTLY

SEATTLE, Wash.—A call for bids will be issued within about six weeks by the Seattle City Department of Lighting, J. D. Ross, Superintendent for clearing the Ruby Basin and construction of the Ruby Dam. Prospective bidders are urged to inspect the site immediately while weather conditions are favorable.

The damsite is located in the valley of Skagit River about 150 miles northeast of Seattle. About 2,000 acres are to be cleared. Construction of the dam will involve 425,000 c.y. mass concrete, two cofferdams, 100,000 c.y. loose and solid rock excavation, unlined diversion tunnel, necessary diversion control gates, etc. Cost of the clearing is estimated at $300,000, and of the dam at $4,-380,000.

A grant of $3,000,000 was recently approved by the PWA.

REVISED PLANS REJECTED

LITTLE TRUCKEE PROJECT, California-Nevada. — Fallon Irrigation District directors have rejected a proposal of the Sierra-Pacific Power Company to contribute $100,-000 toward construction of Boca Dam in order to increase the capacity of the reservoir. The power company would utilize the storage over irrigation requirements for power development. U. S. Bureau of Reclamation has approved award of a contract to George W. Condon Company, Omaha, for constructing the dam, but final award is being deferred pending completion of negotiations with the two Nevada irrigation districts which have agreed to repay construction costs.

CONTEMPLATED

MARSHFIELD, Oregon.—A preliminary application has been filed with State Engineer Charles E. Stricklin by L. A. Liljeqvist, representative of Marshfield and North Bend, to protect water rights in south fork of the Coos River. The two cities propose to construct auxiliary water supply system costing $2,000,-000. Project would include 28-mile line of 42-inch pipe from reservoir to be erected by constructing reinforced concrete dam 50 feet in height and 250 feet in length at crest.

COMPLETE BID LISTING

MILK RIVER PROJECT, Mont.—Wachter, O'Neill Constr. Co. and McGarry Bros., Bismarck, N. Dak., at $980,804, as previously reported, submitted low bid to the Bureau of Reclamation, H. H. Johnson, Superintendent, Malta, Montana, under Spec. No. 692, for construction of the Fresno Dam, Milk River Project. The work is located near Fresno.

Complete total bids follow:

Wachter-O'Neill Constr. Co. and McGarry Bros., Bismarck—$980,804.
Tomlinson-Arkwright Constr. Co., & J. L. McLaughlin, Great Falls—$1,195,937.
Martin Wunderlich Co., Jefferson City—$1,302,749.
Utah Constr. Co., Ogden—$1,454,245.
S. J. Groves & Sons Co., and Lundin Bros., Minneapolis—$1,552,781.
Guthrie-Marsch-Walker Co., Edward Peterson Co., Chicago—$1,599,618.
Spillway Builders, Inc., Kansas City—$1,634,017.
Stevens Bros., St. Paul—$1,781,884.

BIDS WANTED

LOS ANGELES, Cal.—Until Nov. 18, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent, L. A. Water & Power Dept., Room 740, 207 S. Broadway, for construction of the Highland Park tank and West Hollywood tank, PWA Docket 1529-R, Units Nos. 58 and 69.

The Highland Park tank is to be located in the Eagle Rock district, the site being reached via Fletcher Drive to Ave. 51 to Millenium Way and tank site. This tank will be of reinforced concrete construction of 500,000-gal. capacity.

The West Hollywood tank is to be located near the terminus of Floral Ave.,reached via Orange Grove Ave. and Fareholm Dr. This tank is also of reinforced concrete construction and of 500,000-gallon capacity.

Plans and specifications may be obtained from the above office upon deposit of $10.00.

The work involves:

HIGHLAND PARK TANK
(Unit No. 58)

(a) 2430 c.y. excavation and 1095 c.y. embankment, lump sum;
(b) 590 c.y. backfill around tank to grade, lump sum;

(c) 35 c.y. reinf. concrete footings, per yard;
(d) 66 c.y. reinf. concrete floor slab, per yard;
(e) 151 c.y. reinf. concrete circular inside wall, per yd.;
(f) 25 c.y. reinf. concrete dome, per yard;
(g) inlet-outlet pipe, blowoff pipe, gates, spillway pipe, storm drain lump sum;
(h) manhole frames and covers and screened vents, lump sum;
(f) steel bands, turnbuckles around outside of inner wall, lump sum
(j) 6178 sq. ft. gunite outside shell of tank, inc. ornamental base, per sq. ft.;
(k) 3850 sq. ft. prepare subgrade and furnish and place rock and oil surfacing, per sq. ft.;

WEST HOLLYWOOD TANK
(Unit No. 69)

(a) 3380 c.y. excavation and 330 c.y. embankment, per c.y. of excav.
(b) 4090 c.y. tank excavt. to grade, haul and dispose of, lump sum;
(c) 750 c.y. backfill, lump sum;
(d) 35 c.y. reinf. concrete, footings, per yard;
(e) 66 c.y. reinf. concrete floor slab, per yard;
(f) 151 c.y. reinf. concrete circular inside wall, per yd.;
(g) 25 c.y. reinf. concrete dome;
(h) inlet-outlet, blow-off pipe, gates, spillway pipe, etc., lump sum;
(i) manhole frames and covers, lump sum;
(j) steel bands and turnbuckles, lump sum;
(k) 6400 sq. ft. gunite outside shell of tank, inc. ornamental base, per sq. ft.;
(l) 10,500 sq. ft. prepare subgrade and furnish and place rock and oil surfacing on road to tank, per sq. ft.;

31—PIPE LINES & WELLS

BIDS WANTED

SAN MATEO CO., Calif.—Until December 9, 8 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, for constructing the Crystal Springs Pipe Line No. 2, from Crystal Spgs. Dam to Burlingame, under Spec. No. W.D. 112.

Under the proposed contract a pipe line approximately 4¾ miles long is to be constructed from the existing outlet tower at the Crystal Springs Dam to a point on the El Camino Real near Burlingame, all in San Mateo County.

Bids will be taken under two alternate propositions, as follows:

Proposition 1—Approximately 24,620 l.f. of 60-in. inside diameter welded steel pipe of ⅜-in. plate thickness.

Proposition 2—Approximately 22,860 l.f. of 57-in. inside diam. steel cylinder reinforced concrete pipe, together with approximately 1,760 l.f. 60-in.x⅜-in. welded steel pipe.

Under both propositions 1 and 2 there is also included approximately 660 ft. of 78-in.x½-in. welded steel pipe to be installed in the existing outlet tunnel at Crystal Springs Dam; welded steel pipe of other sizes for connections at each end of the line; completion of the existing outlet tower; all excavation, backfill, paving; and all other structures or appurtenances.

The proposed pipe line will be in streets or roads for approximately 2 miles and the remainder of the line will be in either private right of way or private property.

The greater portions of the line will be laid in trench. Certain short lengths, totaling about 700 feet, will be supported above the ground on piers, where physical conditions make this necessary.

Bids will be taken as follows:

PROPOSITION 1

(1) 24,620 l.f. furnishing and laying 60-in.x⅜-in. welded steel pipe;
(2) 345 l.f. furnishing and laying 48-in.x⅜-in. do.;
(3) 660 l.f. furnishing and laying 78-in.x½-in. do. in tunnel;
(4) 62,000 lbs. furnishing and installing steel pipe specials not included in other items.
(5) 530 each, furnishing and installing beveled courses for curved sections in 60-in.x⅜-in. welded steel pipe;
(6) 18 each, do. in 48-in.x⅜-in. welded steel pipe;
(7) 100 l.f. furnishing and erecting 60-in.x⅜-in. welded steel standpipe;
(8) 828,000 sq. ft. applying bituminous enamel protective coating and lining to steel pipe;
(9) 397,000 sq. ft. felt wrapping on steel pipe;
(10) 7 each, furnishing and installing 60-in. flexible couplings;
(10a) 2 each, furnishing and installing 36-in. flexible couplings;
(10b) 2 each, furnishing and installing 8-in. flexible couplings;
(11a) 26 each, furnishing and installing manholes on steel pipe;
(11b) Does not apply to Proposal 1;
(12) 4,500 lbs. furnishing and installing saddle nozzles;
(13) 17,000 lbs. furnishing and installing steel companion flanges;
(14) 4,600 lbs. furnishing and installing miscellaneous steel work attached to pipe;
(15) 49,000 lbs. furnishing and installing miscellaneous steel work not attached to pipe;
(16) 3 each, furnishing and installing 6-in. gate valves for 150-lb. pressure;
(17) 19 each, furnishing and installing 6-in. gate valves with bevel gears, for 150-lb. pressure;
(18) 18 each, furnishing and installing 8-in. gate valves for 150-lb. pressure;
(19) 6 each, furnishing and installing 8-in. gate valves with bevel gears, for 150-lb. pressure;
(20) 2 each, furnishing and installing 12-in. gate valves;
(20a) 2 each, furnishing and installing 30-in. gate valves;
(20b) 2 each, furnishing and installing 36-in. gate valves;
(21) 19 each, furnishing and installing 6-in. vacuum valves;
(22) 5 each, furnishing and installing 8-in. vacuum valves;
(23) 24 each, furnishing and installing air release valves;
(24) 33,000 lbs. furnishing and installing steel castings in tower, other than flanges;
(25) 2 each, furnishing and installing 8-in. water meters;
(26) 22,000 lbs. furnishing and installing cast-iron pipe, gate valve covers, flanges, and fittings;
(27) 4,000 lbs. furnishing and installing corrugated metal pipe culverts;
(28) 2,700 lbs. furnishing and installing steel castings not covered by other items;
(29) 6,000 lbs. furnishing and installing bolts, nuts, and washers;
(30) 1,500 lbs. install fittings furnished by the City to be riveted or welded to pipe;
(31) 160,000 lbs. install large gate valves and Venturi meter furnished by the City;
(32) 7,000 lbs. install miscellaneous metal work furnished by the City;
(33) 24,000 c.y. Class 1 earth excavation for pipe trenches up to 12-ft. depth;
(34) 70 c.y. Class 1 earth excavation for pipe trenches below 12-ft. depth;
(35) 37,000 c.y. Class 2 earth excavation for pipe trenches;
(36) 900 c.y. earth excavation for footings and structures;
(37) 400 c.y. additional rock excavation;
(38) 8,400 c.y. bench excavation, unclassified;
(39) 250 c.y. constructing earth embankments;
(40) 4,000 c.y. sand backfill for excavations;
(41) 60 each, remove, repair and/or replace sewer laterals;
(42) 300 l.f. furnishing and installing 6-in. sewer pipe;
(43) 260 c.y. Class A concrete;
(44) 190 c.y. Class B concrete;
(45) 30 bbls. extra cement;
(46) 65,000 lbs. reinforcing steel;
(47) 17 MFBM furnishing and installing Redwood timber;
(48) 4 MFBM furnishing and installing Douglas fir timber;
(49) 15,300 lbs. furnishing and installing structural steel;
(50) 3,500 lbs. furnishing and installing ladders, supports for floor gratings and gate at entrance to bridge;
(51) 650 sq. ft. furnishing and installing steel floor gratings;
(52) 2,000 sq. yds. painting miscellaneous structures;
(53) 650 l.f. furnishing and installing 6-in. drain tile;
(54) 65,000 sq. ft. repavement;
(55) Lump sum, constructing Venturi meter building.

PROPOSITION 2

(1) 1,760 l.f. furnishing and laying 60-in.x⅜-in. welded steel pipe;
(2) 345 l.f. furnishing and laying 48-in.x⅜-in. welded steel pipe;
(3) 660 l.f. furnishing and laying 78-in.x½-in. welded steel pipe in tunnel;
(4) 62,000 lbs. furnishing and installing steel pipe specials not included in other items;
(5) 100 each, furnishing and installing beveled courses for curved sections in 60-in.x⅜-in. welded steel pipe;
(6) 18 each, furnishing and installing beveled courses for curved sections in 48-in.x⅜-in. welded steel pipe;
(7) 100 l.f. furnishing and erecting 60-in.x⅜-in. welded steel standpipe;
(8) 97,000 sq. ft. applying bituminous enamel protective coating and lining to steel pipe;
(9) 28,200 sq. ft. felt wrapping on steel pipe;
(10) 7 each, furnishing and installing 60-in. flexible couplings;
(10a) 2 each, furnishing and installing 36-in. flexible couplings;
(10b) 2 each, furnishing and installing 8-in. flexible couplings;
(11a) 11 each, furnishing and installing manholes on steel pipe;
(11b) 15 each, furnishing and installing manholes on concrete pipe;
(12) 6,000 lbs. furnishing and installing saddle nozzles;
(13) 17,000 lbs. furnishing and installing steel companion flanges;
(14) 4,600 lbs. furnishing and installing miscellaneous steel work attached to pipe;
(15) 46,000 lbs. furnishing and installing miscellaneous steel work not attached to pipe;
(16) 3 each, furnishing and installing 6-in. gate valves for 150-lb. pressure;
(17) 19 each, furnishing and installing 6-in. gate valves with bevel gears, for 150-lb. pressure;
(18) 18 each, furnishing and installing 8-in. gate valves for 150-lb. pressure;
(19) 6 each, furnishing and installing 8-in. gate valves with bevel gears, for 150 lb. pressure;
(20) 2 each, furnishing and installing 12-in. gate valves;

(20a) 2 each, furnishing and installing 30-in. gate valves;
(20b) 2 each, furnishing and installing 36-in. gate valves;
(21) 19 each, furnishing and installing 6-in. vacuum valves;
(22) 2 each, furnishing and installing 8-in. vacuum valves;
(23) 24 each, furnishing and installing air release valves;
(24) 33,000 lbs. furnishing and installing steel castings in tower, other than flanges;
(25) 2 each, furnishing and installing 8-in. water meters;
(26) 22,000 lbs. furnishing and installing cast-iron pipe, gate valve covers, flanges and fittings;
(27) 4,000 lbs. furnishing and installing corrugated metal pipe culverts;
(28) 2,700 lbs. furnishing and installing steel castings not covered by other items;
(29) 6,000 lbs. furnishing and installing bolts, nuts and washers;
(30) 1,500 lbs. install fittings furnished by the City to be riveted or welded to pipe;
(31) 160,000 lbs. install large gate valves and Venturi meter furnished by the City;
(32) 7,000 lbs. install miscellaneous metal work furnished by the City;
(33) 28,000 c.y. Class 1 earth excavation for pipe trenches up to 12-ft. depth;
(34) 70 c.y. Class 1 earth excavation for pipe trenches below 12-ft. depth;
(35) 42,000 c.y. Class 2 earth excavation for pipe trenches;
(36) 900 c.y. earth excavation for footings and structures;
(37) 400 c.y. additional for rock excavation;
(38) 8,900 c.y. bench excavation, unclassified;
(39) 250 c.y. constructing earth embankments;
(40) 1,000 c.y. sand backfill for excavations;
(41) 60 each, remove, repair and/or replace sewer laterals;
(42) 300 l.f. furnishing and installing 6-in. sewer pipe;
(43) 260 c.y. Class A concrete;
(44) 190 c.y. Class B concrete;
(45) 30 bbls. extra cement;
(46) 65,000 lbs. reinforcing steel;
(47) 17 MFBM furnishing and installing Redwood timber;
(48) 4 MFBM furnishing and installing Douglas fir timber;
(49) 15,300 lbs. furnishing and installing structural steel;
(50) 3,500 lbs. furnishing and installing ladders, supports for floor gratings and gate at entrance to bridge;
(51) 650 sq. ft. furnishing and installing steel floor gratings;
(52) 2,000 sq. yds. painting miscellaneous structures;
(53) 650 l.f. furnishing and installing 6-in. drain tile;
(54) 71,500 sq. ft. repavement;
(55) Lump sum, constructing Venturi meter building;
(56) 1,220 l.f. furnishing and laying 60-in. steel cylinder reinforced concrete pipe for 275-ft. head;
(57) 4,500 l.f. furnishing and laying 60-in. steel cylinder reinforced concrete pipe for 250-ft. head;
(58) 4,000 l.f. furnishing and laying 60-in. steel cylinder reinforced concrete pipe for 225-ft. head;
(59) 5,590 l.f. furnishing and laying 60-in. steel cylinder reinforced concrete pipe for 200-ft. head;
(60) 7,550 l.f. furnishing and laying 60-in. steel cylinder reinforced concrete pipe for 175-ft. head;
(61) 250 each, tension joints in steel cylinder reinforced concrete pipe;
(62) 430 each, furnishing and installing beveled courses for elbows in concrete pipe.

N. A. Eckart, general manager and chief engineer.

Plans and specifications obtainable at Room 605, S.F. Water Department Bldg., 425 Mason St., upon deposit of $20. * 31

BIDS OPENED

SAN BERNARDINO CO., Calif.—D. A. Beck & Sons, Alta Loma, at $870, submitted the only bid received by the State Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, for drilling a water supply well at the Camp Angelus Maintenance Station site, San Bernardino County.

The unit bids were:
(1) 1 lot furnishing drilling equipment complete in place and ready for operation; $120;
(2) 75 l.f. well complete in place (ground level to 75 ft. depth); $6.50;
(3) 25 l.f. well complete in place (below 75 ft. depth); $5.50;
(4) 1 lot capacity and alignment tests complete; $125.

32— SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

SAN FRANCISCO—Healy-Tibbitts Constr. Co., 64 Pine St., at $123,553, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,961, for the construction of the third unit of Alemany Sewer Extension, Section E, a three-compartment sewer on piles, in Selby St., between Galvez and Evans Sts., a PWA project.

CONTRACT AWARDED

SACRAMENTO, Sacramento Co., Calif.—Holdener Construction Co., 2608 R St., Sacramento, at $2,523.91 submitted low bid and awarded contract by the Sacramento City Council for the reconstruction of the sewer in the alley between N and O, 11th and 13th Streets.

CONTRACT AWARDED

SAN FRANCISCO.—Mills Constr. Co., Russ Bldg., at $3,844, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,972, for the reconstruction of a sewer in Seacliff Ave., between 26th and 27th Avenues.

CONTRACT AWARDED

BEVERLY HILLS, Los Angeles Co., Calif.—Tomei Constr. Co., 4160 Madison Ave., Culver City, at $29,500, awarded contract by the Beverly Hills city council for furnishing all labor and materials for the construction of the east interceptor and laterals and of the south branch of the Olympic Blvd. storm drain in accordance with plans and specifications prepared by W. R. Metz, city engineer. The bids were opened October 21.

PLANNED

MANTECA, San Joaquin Co., Calif.—The city plans to enlarge existing sewer mains and improve the sewage disposal plant on Union Road. An election probably will be held to vote bonds to finance construction.

Cost of the improvements is estimated at approximately $40,000 by L. B. Raab, engineer, 109 E. Weber Ave., Stockton, who has made a survey of the system.

UNIT BID LISTING

EUREKA, Humboldt Co., Calif.—Mercer-Fraser Co., Second and Commercial Streets, Eureka, at $74,677, as previously reported, submitted low bid to the Eureka City Council for the construction of the Washington Street sanitary sewer outfall between Broadway and the Government bulkhead line, a PWA project.

The work involves:
(1) 2,583 l.f. 36-in. reinforced concrete pipe, complete in place;
(2) 1,550 l.f. gravel base, complete in place;
(3) 130 combined pier and collar units, complete in place;
(4) Lump sum, outlet block unit, complete in place;
(5) Lump sum, removing and refilling the existing stave pipe sewer;
(6) 3 concrete manholes, in place.

Total bids follow:
(A) Mercer-Fraser Co., Eureka $74,677.00
(B) Hanrahan Co. and T. E. Connolly, San Francisco 77,995.60

Unit bids follow:

	(A)	(B)
(1)	$ 24.00	$ 23.20
(2)	2.50	2.00
(3)	52.00	86.50
(4)	100.00	225.00
(5)	1500.00	2750.00
(6)	150.00	250.00

Evan D. Gardner, City Engineer.

BOND ELECTION

CHOWCHILLA, Madera Co., Calif.—An election will be held December 28 to vote on a $20,000 bond issue to defray the city's share of the cost of a $57,000 WPA sewer project. A $15,000 bond issue was previously voted but this was found to be insufficient for the purpose.

ENGINEERS RETAINED

WASCO, Kern Co., Calif.—Koebig & Koebig, 820 Rowan Bldg., Los Angeles, have been retained by Wasco Public Utility District as consulting engineers to design the proposed new sewer system and disposal plant. The complete work will cost about $135,000, of which $100,000 will be expended for the collection system. Funds have been provided as follows: $61,363 by PWA grant and the balance by proceeds of sale of bonds to Banks Huntley Co. of Los Angeles.

33— WATER WORKS

BIDS OPENED

LAKE CO., Calif.—Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, submitted low bid to the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, at $1017, for furnishing and erecting steel water storage tanks as follows:
(1) One 8400-gal. tank at Upper Lake Rancheria, Lake County.
(2) One 4200-gal. tank at Dewell Rancheria, Lake County.

Invitation No. 0339.

The complete bids were:
Western Pipe & Steel Co.—(1) $606, (2) $411; total, $1017.
California Steel Products—(1) $706, (2) $511; total, $1217.
American Pipe & Steel Co.—(1) $535, (2) $710; total, $1245.
Berkeley Steel Construction Co.—(1) $880, (2) $570; total, $1450.

CONTRACT AWARDED

MODESTO, Stanislaus Co., Cal.—American Cast Iron Pipe Co., 55 New Montgomery St., San Francisco at $3,818.50 submitted low bid and awarded contract by the Modesto City Council, H. E. Gragg, City Clerk for furnishing pipe for waterworks improvements, as follows:
(1) 1300 ft. 8-in .bell and spigot cast iron pipe, Class 150, Mono or centrifugally cast, or Class B sand cast;
(2) 3,500 ft. 6-in. do;
(3) 250 ft. 4-in. do.

Delivery fob Modesto.

The other bids were:
Pacific States Cast Iron Pipe Co., San Francisco, $3,899.50.
U. S. Pipe & Foundry Co., San Francisco, $3,917.00.

BIDS OPENED

SACRAMENTO, Cal. — California Corrugated Culvert Co., Fifth and Parker Sts., Berkeley, at $992.58 submitted low bid to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento ,under Bid No. 1105-37-90, for furnishing:

(1) One water stage recorder house and well delivered fob truck or railway car at Ord Bend Station, Glenn County;
(2) One do, fob Lovdal Sta., Yolo Co.
(3) One do, fob Yuba City.

Complete bids follow:

California Corrugated Culvert Co., Berkeley: (1) $329.56; (2) $317.44; (3) $345.68; total, $992.58; discount, ½% 10 days; delivery in 12 days.

Western Pipe & Steel Co., San Francisco: (1) $332.50; (2) $332.50; (3) $349.75; total, $1,004.75; discount, ½% 20 days; delivery in 15 days.

Montague Pipe & Steel Co., San Francisco: (1) $340; (2) $332; (3) $360; total, $1,032; no discount.

CONTRACT AWARDED

LAKE COUNTY, Calif. — Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, at $1017 awarded contract by the U. S. Indian Irrigation Service, 751 S Figueroa Street, Los Angeles, for furnishing and erecting steel water storage tanks as follows:

(1) one 8400 gal. tank at Upper Lake Rancheria, Lake County;
(2) one 4200 gallon tank at Dewell Rancheria, Lake County;

Invitation No. 0339.

The complete bids were:

Western Pipe & Steel Co., (1) $606, (2) $411; total, $1017.

California Steel Products: (1) $706 (2) $511; total, $1217.

American Pipe & Steel Co.: (1) $535; (2) $710; total, $1245.

Berkeley Steel Const. Co.: (1) $880 (2) $570; total, $1450.

BIDS OPENED

EAGLE POINT, Oregon. — Tom Lillebo and Paul Bernhardt, Reedsport, at $16,563, submitted low bid to the Eagle Point City Council, W. H. Young, City Recorder, for the construction of waterworks improvements, including pipe lines and reservoir.

Complete bids follow:

Lillebo & Bernhardt, Reedsport	$16,563
West Coast Constr. Co., Jefferson	18,245
Medford Concrete Constr. Co., Medford	18,612
R. I. Stuart & Son, Medford	18,965
John Gardner, Klamath Falls	18,990
P. L. Burr, San Francisco	19,081
Underground Constr. Co., Berkeley	19,292
Curtis Gardner, Twin Rocks	19,896
D. Coluccio, Seattle	20,515
Eugene Ruedy, Portland	20,994

CONTRACT AWARDED

SAN MATEO, San Mateo Co., Cal. —Western Pump Co., Ltd., 522 West Santa Clara, San Jose, at $536.32 was awarded contract by the San Mateo City Council, E. W. Foster, City Clerk, for furnishing and installing one 80-gal. per minute deep well turbine pump in the East Side Park, Mt. Diablo and El Dorado Streets.

GRANT APPROVED

BEVERLY HILLS, Los Angeles Co., Calif.—Call for bids will be issued shortly by the Beverly Hills city council for construction of $92,850 waterworks improvements. A grant of $41,850 has been made by the PWA toward financing the work; the balance (55%) will be furnished by the city.

New pipelines will be laid alongside existing lines on Olympic, Santa Monica and Sunset Blvds., Lexington Road, Lomitas Ave., Elevado Ave., Palm Dr., Norwich St., Westbourne St. and Larrabee St., according to the application filed with the PWA.

Two steel water tanks, both underground, are to be constructed in connection with the project, one of them to be in Coldwater Canyon, to replace a smaller concrete reservoir, and the other at some point in West Hollywood not yet designated.

A total of 18,000 feet of pipeline is to be laid.

As another feature of the project, a concrete protective coating is to be applied to an 18-inch steel pipeline on La Cienega Blvd. An automatic booster pumping plant also is to be installed on the system that serves the eastern part of Beverly Hills, and the western part of West Hollywood.

Arthur Taylor, consulting engineer, 725 S. Spring St., Los Angeles.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 19, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 127, for the laying of miscellaneous pipe lines in San Francisco.

The work involves:

(1) 2,275 l.f. excavation and backfill for 6- 4- and 2-in. pipe, trench 17-in. wide by 36-in. deep;
(2) 40 c.y. additional excavation and backfill;
(3) 100 sq. ft. additional pavement removal and replacement;
(4) Installing of pipe:
  (a) 415 ft. 6-in. bell and spigot cast iron pipe;
  (b) 510 ft. 4-in. do;
  (c) 1,200 ft. 2-in. do;
  (d) 150 ft. 72-in. screw steel pipe, including joints;
(5) 5,000 lbs. installing of fittings, gate valves, etc.;
(6) 428 l.f. making joints for pipe and fittings (bell and spigot joints);
(7) Repavement:
  (a) 1,460 sq. ft.;
  (b) 700 sq. ft.;
(8) Installation of 17 ¾-in. screw taps;
(9) 100 ft. installation of ¾-in. steel pipe.

Plans and specifications obtainable at Rm. 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10.00.

N. A. Eckart, Chief Engineer.

BIDS OPENED

LOS ANGELES.—Williams & Van Valkenburg, 1958 W. 77th St., Los Angeles, at $15,103.60, submitted low bid to the Los Angeles Water & Power Bureau, D. P. Nicklin, Purchasing Agent, for installing a 24-in. steel water supply main on Ventura Blvd. from White Oak Ave. to Tampa Ave., a PWA project.

34— PARKS AND PLAYGROUNDS

BIDS WANTED

RENO, Nev.—Until Nov. 24, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. post office at Reno.

Specifications obtainable from the Custodian of the building or from the Assistant Director of Procurement, Public Bldgs. Branch., Washington, D. C.

U. S. FOREST SERVICE

GOVERNMENT ISLAND. — Until November 24, 2 p.m., bids will be received by I. M. Stevens, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 4024—100 tree markers or timber scribes; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4022—100 tally registers; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4016—30 increment borers and 36 augers; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4019—30 foresters' and geologists' compasses; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4020—12 doz. marking hatchets, handled; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND. — Bids will be received by H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

line wire; f.o.b. New Castle, Va.
November 16, 2 P. M.

BID NO. 4027—50 metal toilet stools; f.o.b. bidder's shipping point and or Government Island.

BID NO. 4025—34,000 stamped aluminum house numerals; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4017—Linemen's pole climbers, belts, straps and pads, splicing clamps, etc.; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Until Nov. 16, 2 P. M., bids will be received by H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Oakland, as follows:

BID NO. 4030: 50 complete stove units; fob bidder's shipping point and/or Susanville;

BID NO. 4029: 40 intercepting dip drainage aprons, 40 extension troughs No. 1, and 30 extension troughs, No. 2; fob bidder's shipping point and/or Santa Barbara

BID NO. 4028: 18 fire extinguishers, 1½-qt. size, carbzon tetrachloride type; fob bidder's shipping point and/or Willits;

BID NO. 4031: 21,500 house numerals and 1,200 house letters; fob bidder's shipping point and/or Redding.

Specifications obtainable from the above office.

EAST FAY UTILITY DIST.

OAKLAND. — Until November 18, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, as follows:

Informal Proposal No. 813—5,000 l.f. Class 150, 6-in. diam., bell and spigot cast-iron pipe;

Informal Proposal No. 812—Miscellaneous trident meter parts.

Specifications obtainable from the above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until November 16, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1685, for furnishing ten 4-in. hub and flange tapping valves; and ten 16-in. hub and gate valves.

Specifications obtainable from the above office.

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First Contracts Advertised on $7,000,000 Air Depot

$100,000 For Debris Dam Site Studies

Building Permits, Advance Reports of Building and Engineering Projects

November 21, 1936

Vol. XIX — No. 48

ON THE JOB IN WESTERN CONSTRUCTION

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Vol. XIX SAN FRANCISCO, CALIF., NOVEMBER 21, 1936 No. 48

METAL WINDOW MANUFACTURERS CITED BY U. S.

Institute and 19 Producers Named In Price-Cutting Complaint

Filing of a complaint by the Federal Trade Commission alleging "a price fixing combination, the purpose of which is to restrain, monopolize and eliminate competition in the sale of metal window products" was reported in Washington news dispatches yesterday which named 19 manufacturing companies and the Metal Trade Institute defendants.

The commission gave the defendants until December 18 to show cause why a cease and desist order should not be entered, it is reported.

Manufacturing companies named in the complaint were:

The Wm. Rayley Co., Springfield, O.; Bliss Steel Products Corporation, East Syracuse, N. Y.; the Bougert & Carlough Co., Paterson, N. J.; Campbell Metal Window Corp., Baltimore, Md.; Concrete Engineering Co., Omaha, Nebraska; Crittal Mfg. Co., Inc., Washington, D. C.; Detroit Steel Products Co., Detroit; Drumhit Metal Products Co., Los Angeles; Federal Steel Sash Co., Inc., Waukesha, Wis.; Michael Flynn Manufacturing Co. Inc., Jamestown, N. Y.; Kewanee Mfg. Co., Kewanee, Ill.; Mesker Brothers Iron Company, St. Louis; Michel & Pfeffer Iron Works, Inc.. San Francisco; S. H. Pomeroy Co., Inc., New York Soule Steel Co., San Francisco; J. S. Thorn Co., Youngstown, Ohio; and Vento Steel and Sash Co., Inc. Muskegon Heights, Michigan.

It was also alleged that "the respondents, to prevent 'non - co-operating' competitors from being successful bidders and to force them to become members of the association, declared the bidding on certain jobs 'open', whereupon the corporate respondents allegedly underbid and undersold their 'non-co-operating' competitors."

BDW'Y TUNNEL JOB SECTIONS ADVERTISED

Bids Invited On Three Contracts; Tentative Dates Set For Two

Bid dates on three contracts for completing portions of the Broadway Low-Level Tunnel have been set by the board of directors of Joint Highway District No. 13. Tentative dates for receiving bids on two other contracts have been announced.

The district will take figures December 4 for grouting around concrete lining already constructed in the tunnel, designated Schedule B in the segregated contracts.

Bids will be opened December 9 on Schedules C and D, the former for completing the ventilation building and the latter for installing air ducts and completing tunnel work not included in the contract already let to George Pollock Company and R. G. Clifford. The contract awarded to Pollock and Clifford covers completion of the tunnel excavation and construction of arch ring lining in the unlined portion of the twin bores.

Plans and specifications for the three contracts now advertised are available at the office of District Engineer Wallace B. Boggs, 1448 Webster Street, Oakland. The deposit is $50, of which $40 is returnable.

The tentative date for receiving bids on Schedules E and G is December 18. Schedule E is for completing installation of ventilating, mechanical and electrical equipment. Schedule G is for completing highway approaches.

CIVIL ENGINEERS REGISTER ISSUED

The 1936-37 roster of civil engineers and land surveyors licensed to practice in California has been issued by the State Board of Registration for Civil Engineers. Copies may be obtained from the board offices, 503-G State Office Building, Sacramento, at a price of $1.00.

BIDS INVITED ON ARMY DEPOT AT SACRAMENTO

First Contracts Scheduled In $7,000,000 Construction Program

First contracts for the $7,000,000 Army Air Corps Supply Depot at Sacramento were released for advertising yesterday by Major Arthur W. Parker, constructing quartermaster.

Bids will be opened December 1 at Sacramento for drilling two 250-foot wells on the site and on December 14 bids will be received for the first group of buildings, including the quartermasters warehouse and garage.

Contracts will be advertised probably within ten days for grading the landing field, which it is estimated will involve moving of more than 800,000 yards of material, and for furnishing and erecting an elevated steel water tank of 300,000 gallons capacity.

The building group now advertised will approximately $105,000 in cost. Four separate buildings and two sheds for housing equipment, all one-story in height and of reinforced concrete throughout, are to be constructed under a single contract.

These contracts are the first of approximately fifty to be let for constructing the depot. The last Congress authorized an immediate expenditure of $7,000,000 for its completion.

Two major buildings are to be constructed, one, the Engineering Shops, will be 902 feet in length, 367 feet in width and three stories high. It will cost about $1,500,000. The other main building is the Depot Supply Warehouse, 961 by 430 feet.

The depot site comprises 1276 acres located near North Sacramento.

The value of new orders for electrical goods booked during the third quarter of 1936, as reported by 78 manufacturers, amounted to $189,516,083, as compared with $190,597,939 for the second quarter of the year and $143,132,022 for the third quarter of 1935, the Bureau of Census reports.

U. S. ENGINEERS ALLOCATE FUND FOR YUBA DAMS

Foundation Investigations Start At Three Debris Storage Locations

Allocation of $100,000 by the War Department to finance foundation investigations and final plans for four debris dams on the Bear and Yuba Rivers and the North and Middle Forks of the American River is reported from Washington. The announcement follows receipt of guarantees from hydraulic mining interests that repayment of the construction cost of the dams would be repaid within twenty years.

Construction of the dams will be supervised by the Sacramento district office of the U. S. Engineers.

Funds probably will be requested of congress in January, the engineers said, to start actual construction of at least three of the dams during the next fiscal year.

In line with recommendations of the army board of engineers, the three dams would be built at the Upper Narrows site on the Yuba, the lower Ruck-a-chucky on the Middle Fork of the American and the North Fork site on the American.

Plans for the fourth dam — the Dog Bar on the Bear River—probably will be delayed, it was said, owing to complications with power interests over the proposed site.

All four of the dams were authorized by congress in the last Rivers and Harbors Act. Congress fixed the limit of costs at $6,945,000.

Washington Use Tax Case on Calendar Of Supreme Court

Arguments in a case to test constitutionality of the Washington state tax on merchandise purchased outside the state for use or consumption will be heard by the United States Supreme Court, December 14, State Attorney General R. G. Sharpe has been notified.

The court granted the state's petition to advance the case on the calendar so the levy's validity could be determined with minimum delay. Legality of the tax, which is similar to California's 3 per cent use tax, is being watched in various other states that have sales tax statutes.

The suit was appealed by the state tax commission after the Silas Mason Company, Coulee dam contractors, won a Spokane federal district court decision against the tax. The two per cent levy on machinery "imported" for use at the dam was ruled invalid.

Visitacion Valley School Auditorium To Be Constructed

The first move toward construction of auditoriums for the Francis Scott Key and Visitacion Valley Schools, estimated cost approximately $113,000, was taken this week by the San Francisco Board of Education with the passage of a resolution asking the physical properties committee to inspect the plans for both structures.

Following the approval of plans by the committee Director William H. Worden will be asked to issue a call for bids on the $48,000 Visitacion Valley School auditorium which was designed by Architects Hyman and Appleton, and G. Albert Lansburgh. Bids will not be called for the Francis Scott Key auditorium until after the award of contract is made for the other structure.

According to present plans both auditoriums will be financed out of funds listed in the present budget. PWA aid will not be asked.

The Francis Scott Key auditorium was designed by Architect William Mooser and is estimated to cost $65,000 by City Architect Sawyer.

Both auditoriums will be of coninforced concrete construction. They will seat 400. A lunch room, teachers' rest rooms, and other small rooms are included in the plans for both structures.

Charles E. Andrew Made Manager of Bridge Operations

Appointment of Charles E. Andrew to be in charge of maintenance and operation on the San Francisco-Oakland Bay Bridge was announced yesterday by State Director of Public Works Earl Lee Kelly. Mr. Andrew will continue also in charge of construction under Chief Engineer C. H. Purcell until the interurban facilities are completed. He will divide his time between the San Francisco offices of the bridge division at 500 Sansome Street and the Oakland administration offices at the toll plaza.

Mr. Andrew relinquishes his post as bridge engineer for the State Division of Highways and an appointment from the civil service eligible list to fill the vacancy will be announced shortly. F. W. Panhorst has been acting bridge engineer for the highway division while Mr. Andrew was engaged in supervising the bay bridge construction. Civil service examinations were held in Sacramento last week to establish a new eligible list for the position of State Bridge Engineer.

BIDS INVITED ON VETS. WARD AT LIVERMORE

Reinforcd Concrete Infirmary Addition Contract Offered For Figures Jan. 5

The Veterans' Administration yesterday issued a call for bids on a contract to erect an infirmary ward building at the Livermore facility, figures to be received in Washington, January 5.

The building and a corridor connecting it to an existing structure will contain a total of approximately 192,000 cubic feet. Bids will be received on a general contract and separate figures on an electric elevator installation.

Items in the general contract include walks, grading and drainage, reinforced concrete, brickwork slate stair treads, marble work, floor and wall tile, compressed asphalt tile, linoleum, waterproofing, metal work, steel stairs, steel cabinets and shelving, built-up roofing, metal lathing, plastering, carpentry, acoustical treatment, insulation, metal weather-strips, insect screens, window shades, glazing, painting, hardware, plumbing, heating, and electrical work.

Security Account For Each Branch Of Firm's Business

Definition of employer's establishment for the purpose of administering the Federal old-age pension is given by the Social Security Board, which has commenced enrolling 26,000,000 employes.

The board calls attention to treasury decision 4704 as follows:

"Every person who is an employer on November 16, 1936, shall file on employer's application for identification number on Form SS-4. The application shall be filed, in accordance with instructions on the form, with the postmaster from whose post office the business mail of the employer's establishment is delivered. If the employer has more than one establishment on November 16, 1936, the employer shall file a separate application for each establishment. The employer shall file each application under this paragraph on or before Nov. 21, 1036. The term 'establishment' as used in this article means each separate place of employment. For example: If X Company has two retail stores and a manufacturing general office in Chicago, it has plant in New York City, and a general office in Chicago, it has four establishments, that is, each of the two retail stores, the manufacturing plant, and the general office is a separate establishment."

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

2335	McCarthy	Aetna	3500
2336	McCarthy	Aetna	3500
2337	McCarthy	Aetna	3500
2339	McCarthy	Aetna	3500
2340	Standard	Owner	3500
2341	Standard	Owner	3500
2342	Standard	Owner	3500
2343	Standard	Owner	3500
2344	Standard	Owner	3500
2345	Standard	Owner	3500
2346	Doelger	Owner	4000
2347	Doelger	Owner	5000
2348	White	Munson	1000
2349	Western	Cahill	800000
2350	Stoneson	Owner	3500
2351	McNutt	Early	1000
2352	Angenstein	Owner	4000
2353	Winship	Schell	10000
2354	Anderson	Anderson	4000
2355	Formosa	Larson	5000
2356	Formosa	Larson	5250
2357	Hansen	Kaffka	1800
2358	Ajax	Owner	20000
2359	Galant	Owner	4000
2360	Bergers	Emanuel	1000
2361	Bergers	Emanuel	1000
2362	Matzger	Owner	2500
2363	Wolter	Owner	5000
2364	Pacific	Barrett	5100
2365	Christensen	Owner	4000
2366	Christensen	Owner	4000
2367	Taylor	Fridstrom	1000
2368	Taylor	Fridstrom	1000
2369	Dedieu	Hebbing	1400
2370	Cruells	Malloch	5000
2371	Bothin	Mattock	3000
2372	Doane	Blincoe	2000
2373	Ragghianti	Truffelli	3000
2374	Anza	Rousseau	6000
2375	West	Disston	4800
2376	Hountalas	Scott	5200
2377	See's	Owner	1000
2378	Gadd	Owner	1000
2379	Wilson	Owner	1500
2380	Nathan	Owner	3500
2381	Kahn	Owner	17500
2382	Macoronis	Augustine	5000
2383	Doolittle	Malloch	1000
2384	Kohlhardt	Lindsay	3950
2385	McAfee	Owner	3500
2386	McAfee	Owner	3500
2387	McAfee	Owner	3500
2388	Herzig	Owner	4000
2389	Brunton	.....	1500
2390	Brunton	Owner	2500
2391	Stoneson	Owner	4500
2392	Graham	Owner	3000
2393	Meller	Early	1000
2394	Smith	Owner	4000
2395	Styan	VanBokkelen	1300

DWELLING
(2335) W. ALEMANY, 475 S SANTA ROSA. One-story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny St.
Contractor—Aetna Const. Co., 1730 24th Ave.
Architect—Not Given. $3500

DWELLING
(2336) W. ALEMANY BLVD., 400 S. SANTA ROSA. One-story & basement frame dwelling.
Owner—The McCarthy Company, 333 Kearny.
Contractor—Aetna Const. Co., 1730 24th Ave.
Architect—Not Given. $3500

DWELLING
(2337) W. ALEMANY, 450 S SANTA ROSA. One-story and basement frame dwelling.
Owner—The McCarthy Company, 333 Kearny.
Contractor—Aetna Const. Co., 1730 24th Ave.
Architect—Not Given. $3500

DWELLING
(2339) W. ALEMANY, 425 S SANTA ROSA. One-story and basement frame dwelling.
Owner—The McCarthy Company, 333 Kearny.
Contractor—Aetna Const. Co., 1730 24th Ave.
Architect—Not Given. $3500

DWELLING
(2340) E. 26TH AVE., 250 N RIVERA. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah.
Architect—Not Given. $3500

DWELLING
(2341) E. 26TH AVE., 325 N RIVERA. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St.
Architect—Not Given. $3500

DWELLING
(2342) E. 26TH AVE., 275 N RIVERA. One-story and basement rfame dwelling.
Owner—Standard Building Co., 1500 Judah St.
Architect—Not Given. $3500

DWELLING
(2343) E. 26TH AVE., 200 N RIVERA. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah.
Architect—Not Given. $3500

DWELLING
(2344) E. 26TH AVE., 300 N RIVERA. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St.
Architect—Not Given. $3500

DWELLING
(2345) E. 26TH AVE., 225 N RIVERA. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St.
Architect—Not Given. $3500

DWELLING
(2346) W. 24TH AVE., 125 S LINCOLN WAY. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah.
Architect—Not Given. $4000

DWELLING
(2347) E. 16TH AVE., 38 S ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah St.
Architect—Not Given. $5000

ALTERATIONS
(2348) 542-44 NOE ST. Alter flats.
Owner—John White, 542 Noe.
Contractor—John Munson, 2419 15th Street.
Architect—Not Given. $1000

OFFICE BLDG.
(2349) SE 10TH & MARKET. Class B Office Building.
Owner—West. Furniture Exchange, 180 New Montgomery St.
Contractor—Cahill Bros., 206 Sansome.
Architect—L. H. Nishkian, 525 Market St. $800,000

DWELLING
(2350) SE CAYUGA, 104 SW NIAGARA. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $3500

ALTERATIONS
(2351) 119 LYON ST. Alter dwelling.
Owner—Paul A. McNutt, care Contractor.
Contractor—Fred J. Early, 369 Pine St.
Architect—Not Given. $1000

DWELLING
(2352) W. GRAND VIEW, 86 N MORGAN ALLEY. One-story and basement frame dwelling.
Owner—Alfred E. Augenstein, Jr., 132 Judson Ave.
Architect—Not Given. $4000

ALTERATIONS
(2353) 350 POST ST. Alter office building.
Owner—K. D. Winship Estate, 350 Post St.
Contractor—Fred Schell, 666 Mission.
Architect—Dodge A. Riedy, 821 Market. $10,000

DWELLING
(2354) W 33rd AVE. 275 N Taraval. One - story and basement frame dwelling.
Owner—Bert Anderson, 1177 DeHaro.
Contractor—E. A. Anderson, 177 DeHaro Street.
Architect—John J. Ahnden, 822 39th Avenue. $4,000

FLATS
(2355) S 25th 25 W Alabama. Two-story and basement frame flats.
Owner—Tony Formosa, 1333 Alabama Street.
Contractor—A. R. Larson, 4020 24th Street.
Architect—H. C. Baumann, 351 Kearny Street. $5,000

(2356) SW COR. ALABAMA and 25th. Two - story and basement frame flats.
Owner—Tony Formosa, 1333 Alabama Street.
Contractor—A. R. Larson, 4020 24th Street.
Architect—H. C. Baumann, 351 Kearny Street. $5,250

ALTERATIONS
(2357) 28 RUDDEN Avenue. Alter dwelling.
Owner—Walker E. Hansen, Sebastopol.
Contractor—Kaffka & Rasmussen, 50 San Gabriel Ave.
Architect—Not Given. $1800

FOUNDRY
(2358) S TEHAMA 275 E 2nd St. Foundry.
Owner and Builder — Ajax Foundry, 61 Tahama.
Architect—Not Given. $20,000

ALTERATIONS
(2359) 2381 FOLSOM ST. Alter factory.
Owner & Contractor—M. Galant, 2381 Folsom Street.
Architect—Not Given. $4,000

ALTERATIONS
(2360) 856 MARKET ST. Alter store.
Owner—Bergers, Inc., 856 Market St.
Contractor—L. and E. Emanuel, Inc. 2665 Jones Street.
Architect—Not Given. $1,000

ALTERATIONS
(2361) 856 MARKET ST. Alter store
Owner—Bergers, Inc., 856 Market St.
Contractor—L. and E. Emanuel, Inc. 2665 Jones Street.
Architect—Not Given. $1,000

FACTORY
2362) SE COR. FOURTH and Clara. One-story Class C factory.
Owner and Builder—J. Matzger, 3436 Clay Street.
Architect—Not Given. $2,500

DWELLING
(2363) W MAYWOOD 718 N Brentwood. Two-story and basement frame dwelling.
Owner and Builder—Paul A. Wolter, Jr., 190 Maywood Drive.
Architect—Earl McDonald, 110 Sutter Street. $5,000

ALTERATIONS
(2364) SW BEALE and Market Sts. Alter office building.
Owner—Pacific Gas and Electric Co. 245 Market Street.
Contractor—Barrett & Hilp, 918 Harrison Street.
Engineer—A. H. Markwart, 245 Market Street. $5,100

DWELLING
(2365) W 27th AVE, 275 S LAWTON. One-story and basement frame dwelling.
Owner — Herman Christensen, 1801 19th Ave.
Architect—C. O. Clausen, 746 46th Ave. $4000

DWELLING
(2366) W. 27TH AVE., 250 S. LAWTON. One-story and basement frame dwelling.
Owner — Herman Christensen, 1801 19th Ave.
Architect—C. O. Clausen, 746 46th Ave. $4000

ALTERATIONS
(2367) 682 BRANNAN. Alter store.
Owner—Wm. Taylor, 31 Fair Oaks Street.
Contractor — Wilhelm Fridstrom, 88 Lyell St.
Architect—Not Given. $1000

ALTERATIONS
(2369) 3342 STEINER. Alter dwelling and store.
Owner—A. Dedieu, Prem.
Contractor — Harold Helbing, 1310 Lombard.
Architect—Not Given. $1400

STORE
(2370) E. MISSION, 60 N 19TH ST. One-story frame store.
Owner—J. Cruells, care Contractor.
Contractor—J. S. Malloch, 666 Mission.
Architect—Not Given. $5000

ALTERATIONS
(2371) 215 KEARNY. Alter offices.
Owner—Bothin Real Estate Co., 604 Mission.
Contractor—A. F. Mattock Co., 212 Clara.
Architect—A. McSweeney, 604 Mission. $3000

ALTERATIONS
(2372) 2723 PACIFIC AVE. Alter dwelling.
Owner—Cyril Doane, 49 Rico Way.
Contractor—C. O. Blincoe, 2663 15th Ave.
Engineer—Norman B. Green, 55 New Montgomery. $2000

ALTERATIONS
(2373) 1360 FRANCISCO. Alter dwelling.
Owner—E. Ragghianti, Prem.
Contractor—J. Truffelli, 1165 Clay St.
Architect—Not Given. $3000

DWELLING
(2374) SW MARINA BLVD., 122 SW BEACH. Two-story and basement frame dwelling.
Owner—Anza Home Bldg. Co., 321 Kearny.
Contractor—Oliver M. Rousseau, 321 Kearny.
Architect — Wm. F. Gunnison, 1666 Golden Gate Ave. $6,900

ALTERATIONS
(2375) E. BAKER, 150 S CHESTNUT. Alter flats.
Owner—S. A. West, 780 Bryant.
Contractor—A. D. Disston, 666 Mission.
Architect—Not Given. $4800

DWELLING
(2376) E. 48TH AVE., 100 S GEARY. One-story and basement frame dwelling.
Owner—M. J. Hountalas, 757 46th Ave.
Contractor—Harry E. Scott, 4520 Cabrillo.
Architect—C. O. Clausen, 746 46th Ave. $5200

ALTERATIONS
(2377) 1018 MARKET ST. Alter store.
Owner—See's Candies, Inc., 160 10th Street.
Architect—Not Given. $1000

ALTERATIONS
(2378) 3935-39-43 24TH ST. Alter market.
Owner—G. R. Gadd, 4040 24th St.
Architect—Not Given. $1000

DWELLING
(2379) S. THORNTON, 200 E DIANA. One-story and basement frame dwelling.
Owner—Rachel Wilson, 533 Thornton.
Architect—Not Given. $1500

DWELLING
(2380) E. ALMADEN CT., 287 N ANZA. One-story and basement frame dwelling.
Owner—M. Nathan, 583 London.
Architect—C. O. Clausen, 746 46th Ave. $3500

APARTMENTS
(2381) S. SACRAMENTO, 300 E OCTAVIA. Three-story frame apartments.
Owner—P. Kahn, care Architect.
Architect—Conrad T. Kett, 519 California. $17,500

DWELLING
(2382) W. SAN BRUNO, 75 N OLMSTEAD. One-story and basement frame dwelling.
Owner—Macaronis, care Contractor.
Contractor — Alfred E. Augenstein, Jr., 132 Judson Ave.
Architect—Not Given. $5000

ALTERATIONS
(2383) 320 11TH ST. Alter storehouse.
Owner—J. C. Doolittle, care Contractor.
Contractor—J. S. Malloch, 666 Mission. $1000

DWELLING
(2384) E. 30TH AVE., 130 W NORIEGA. One-story and basement frame dwelling.
Owner—Oscar L. Kohlhardt, 4604 Geary St.
Contractor—C. T. Lindsay, 140 Duboce. $3950

DWELLING
(2385) SW LONDON & FRANCE. One-story and basement frame dwelling.
Owner—R. A. McAfee, 125 Cervantes.
Architect—Not Given. $3500

DWELLING
(2386) W. LONDON, 56 S FRANCE. One-story and basement frame dwelling.
Owner—R. A. McAfee, 125 Cervantes.
Architect—Not Given. $3500

DWELLING
(2387) W. LONDON, 28 S FRANCE. One-story and basement frame dwelling.
Owner—R. A. McAfee, 125 Cervantes.

DWELLING
(2388) N. CRESTLAKE DRIVE, 1018 W SLOAT. One-story and basement frame dwelling.
Owner—A. J. Herzig, 700 Sloat.
Architect—Albert H. Larsen, 333 Kearny. $4000

RADIO TOWER
(2389) N. PINE, 79 E POLK. Steel radio tower.
Owner—Julius Brunton & Sons Co., 1380 Bush St.
Contractor—Not Selected.
Architect—W. D. Peugh, 333 Montgomery.
Engineer—Bethlehem Steel Co., 20th and Illinois. $1,500

ALTERATIONS
(2390) N. PINE, 79 E POLK. Alter radio office.
Owner—Julius Brunton & Son Co., 1470 Pine.
Architect—W. D. Peugh, 333 Montgomery. $2500

DWELLING
(2391) E. BEACHMONT DRIVE, 282 S SLOAT BLVD. Two-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $4500

DWELLING
(2392) E. NUEVA, 225 S BLANKEN. One-story and basement frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission.
Architect—Not Given. $3000

ALTERATIONS
(2393) 736-46 McALLISTER. Alter apartments.
Owner—Meyer Meller, care Contractor.
Contractor—Fred J. Early, Jr., 369 Pine St.
Architect—Not Given. $1000

DWELLING
(2394) W. 37TH AVE., 171 N BALBOA. One-story and basement frame dwelling.
Owner—Chas. Smith, 866 36th Ave.
Architect—C. O. Clausen, 746 46th Ave. $4000

DWELLING
(2395) 2450 FULTON. Alter dwelling.
Owner—Dr. Styan, care Contractor.
Contractor—W. K. VanBokkelen, 439 23rd St., Oakland.
Architect—Not Given. $1300

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1735	Knight	Owner	1000
1736	Multovich	Ganiats	2000
1737	Hildebrandt	Owner	3500
1738	Whitehouse	Owner	6500
1739	Frank	Kraus	3750
1740	Lundstrom	Fink	2500
1741	Wilart	White	5950
1742	Adams	Johnston	6000
1743	Jurgens	Muller	4000
1744	Farris	Van Ness	3400
1745	Homer	Bernard	3500
1746	Jackson	White	4500
1747	Dietz	Owner	.....
1748	Johnson	Van Bokkelen	13000
1749	Bartholomew	Owner	3000
1750	Haulman	Owner	5000
1751	Peck	Heweleke	3000
1752	Kaiser	Asincup	3500
1753	Fidelity	Waldman	4000
1754	Reinlein	Caskey	9000
1755	Peters	Waldman	5000
1756	Peralta	Beckett	1000
1757	Dietz	Owner	9500
1758	Farrer	Pickrell	5000
1759	Dailey	Owner	4000
1760	Kramm	Cooley	22717
1761	Shearer	Justin	1000
1762	Herrick	Leiter	6400

1763	Carlson	Owner	1200
1764	Pierce	Anderson	5000
1765	Peterson	Griffin	2500
1766	Haler	Owner	1000
1767	Scammell	Owner	5000
1768	Rinella	Owner	4000
1769	Sherry	Faramio	4390
1770	Hanson	Pickrell	5000
1771	Peters	Waldman	5500
1772	Scammell	Owner	4500
1773	Montalvan	Warren	1000
1774	Knox	Owner	2000
1775	Cogna	Peterson	1000
1776	Ricker	Walstrom	15825
1777	Needham	Courtright	6000
1778	DeRosa	Strong	6800
1779	Salm	Dixon	6000
1780	Smith	Nordstrom	10000
1781	Miller	Walker	4000

ADDITION
(1735) 382 50TH ST., OAKLAND. Addition.
Owner & Builder—A. J. Knight, Prem.
Architect—Not Given. $1000

ALTERATIONS
(1736) 5416 LAWTON AVE., OAKLAND. Alterations and repairs.
Owner—J. Multovich, Prem.
Contractor—C. Ganiats, 2092 40th Ave.
Architect—Not Given. $2000

DWELLING
(1737) 2710 E. 22ND ST., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Paul R. Hildebrandt, Box 330-A, Livermore, Calif.
Architect—Not Given. $3500

DWELLING
(1738) 5707 SCARBOROUGH DR., OAKLAND. Two-story 6-room dwelling.
Owner & Builder—Whitehouse & Tuttle, 558 Vernon St.
Architect—Not Given. $6500

DWELLING
(1739) 19 TAURUS AVE., OAKLAND. One-story 5-room dwelling.
Owner—Alvin H. Frank, 4280 Montgomery St.
Contractor—W. J. Kraus, 1310 Marin Ave., Berkeley.
Architect—Not Given. $3750

ALTERATIONS
(1740) 1318 BROADWAY, OAKLAND. Alterations.
Owner—Lundstrom Hat Co., 720 Market St., San Francisco.
Contractor—Fink & Schindler Co., 552 Brannan St., San Francisco.
Architect—Williams & Grimes, 251 Post St., San Francisco. $2500

DWELLING
(1741) 5581 LA PUERTA AVE., OAKLAND. One-story 5-room dwelling.
Owner—Wilart Realty Co., 1723 Franklin St.
Contractor—White & Pollard, 1723 Franklin St.
Architect—E. Musson-Sharpe, 111 Sutter St., San Francisco. $5950
Also 1-story garage, $195.

DWELLING
(1742) 3658 REDWOOD RD., OAKLAND. Two-story 6-room dwelling.
Owner—C. Robert Adams, 62 Farragut Ave., Piedmont.
Contractor—W. James Johnston, Richfield Oil Bldg.
Architect—Not Given. $6000

ALTERATIONS
(1743) SE Cor. 13th & BROADWAY, OAKLAND. Alterations.
Owner—Chas. Jargens Co., Prem.
Contractor—F. A. Muller, 1416 Jefferson St.
Architect—Not Given. $4000

DWELLING
(1744) 4520 FAIRBAIRN AVENUE, OAKLAND. One-story 5-room dwelling.
Owner—A. F. Farris, 1426 4th Ave.
Contractor—L. E. Van Ness & Son, 4920 Park Blvd.
Architect—Not Given. $3400

DWELLING
(1745) 1150 HOPKINS, BERKELEY. One-story 5-room frame dwelling.
Owner—Westwood Homes, 460 17th St., Oakland.
Contractor—W. V. Bernard, 227 San Carlos, El Cerrito.
Architect—W. Homer. $3500

DWELLING
(1746) 1414 UNION ST. One-story 4-room dwelling.
Owner—Phylis C. Jackson, 1620 Encinal Ave.
Contractor—White & Pollard, 1723 Franklin St., Oakland.
Architect—Erwin Johnson. $4500

DWELLING
(1747) 2935 SOUTHWOOD DRIVE. Two-story 6-room dwelling.
Owner & Builder—Frank Dietz, Alameda.
Architect—H. Hewitson.

ADDITION
(1748) 891 UNION ST. Addition to residence.
Owner—Effie Johnson, 2235 Washington.
Contractor—W. K. Van Bokkelen, 439 23rd St., Oakland.
Architect—Douglas D. Stone, 110 Sutter St., San Francisco. $13,000

DWELLING
(1749) 1728 TREGLOAN. One-sty. 5-room dwelling.
Owner & Builder—L. A. Bartholomew, 1520 Santa Clara.
Plans by Owner. $3000

DWELLING
(1750) 3112 GIBBONS DRIVE. One-story 5-room dwelling.
Owner and Builder—P. Royal Haulman, 1243 Broadway.
Architect—Not Given. $5000

DWELLING
(1751) 816 LINCOLN. One-story 5-room dwelling.
Owner—James W. Peck.
Contractor — H. R. Heweleke, 990 Grosvenor St. ,Oakland.
Architect—Masten & Hurd, 233 Post St., San Francisco. $3,000

DWELLING
(1752) 2107 DURANT AVE., OAKLAND. One-story 5-room dwelling.
Owner—Emma A. Kaiser, 1325 Fruitvale Ave., Oakland.
Contractor—Asincup & Kaiser, 1065 Victoria Ave., San Leandro.
Architect—Not Given. $3500
Also 1-story garage, $150.

DWELLING
(1753) 5762 WALNUT ST., OAKLAND. One-story 5-room dwelling.
Owner—Fidelity Bldg. & Loan Co., 2323 Shattuck Ave., Oakland.
Contractor—A. E. Wildman, 3192 McKillop Road, Oakland.
Architect—Not Given. $4000
Also 1-story frame garage, $350.

DWELLING
(1754) 5950 CHELTON DR., OAKLAND. Two-story 8-room dwelling.
Owner—C. F. Reinlein.
Contractor—H. T. Caskey, 4215 Carson St., Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland. $9,000

DWELLING
(1755) 2610 BEAL ST., OAKLAND. One-story 6-room dwelling.
Owner—J. Peters, 5720 Walnut St., Oakland.
Contractor—A. E. Waldman 3192 McKillop Road, Oakland.
Architect—Not Given. $5,000

ADDITION
(1756) 445 HAWTHORNE Street, OAKLAND. One-story tile addition.
Owner—Peralta Hospital.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—Not Given $1,000

DWELLING
(1757) 2935 SOUTHWOOD DRIVE, ALAMEDA. Two-story 7-room dwelling.
Owner and Builder—Frank Dietz, Alameda.
Architect — Angelo Hewetson, 1100 Versailles Ave., Alameda. $9,500

DWELLING
(1758) 1815 HARVARD DR., ALAMEDA. One-story 6-room dwelling.
Owner—L. C. Farrer, 3236 Fairview, Alameda.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.
Architect—Not Given. $5,000

ADDITION
(1759) 1218-20-22 41st AVE., OAKLAND. One-story brick addition to garage.
Owner a Builder—Dailey Motor Co., 41st Ave. and E 14th St., Oakland.
Architect—Not Given. $4,000

WAREHOUSE
(1760) 2607 CYPRESS ST., OAKLAND. One-story brick warehouse.
Owner—J. W. Kramm, 1st and Myrtle Sts., Oakland.
Contractor—John J. Moore Co., 354 Hobart St., Oakland.
Architect—R. H. Cooley, 354 Hobart St., Oakland. $22,717

REPAIRS
(1761) 1724 35th AVE., OAKLAND. Fire repairs.
Owner—Mrs. Shearer, 1724-1722 35th Ave., Oakland.
Contractor—N. F. Justin, 2206 Clinton Ave., Alameda.
Architect—Not Given. $1,000

OFFICE BLDG.
(1762) 1734 CAMPBELL ST., OAKLAND. One-story brick office.
Owner—Herrick Iron Works, 18th & Campbell Sts., Oakland.
Contractor—E. T. Leiter & Son, 811 37th St., Oakland.
Architect—Miller and Warnecke, Financial Center Bldg., Oakland. $6400

ALTERATIONS
(1763) 3869 HIGH ST., OAKLAND. Alterations and additions.
Owner and Builder—S. Carlson, 1814 Clemens Road, Oakland.

DWELLING
(1764) 2608 OTIS DRIVE. One-story six-room dwelling.
Owner—J. Ralph Pierce, Alameda.
Contractor — Walter Anderson, 1014 Doris Court.
Architect—Not Given. $5000

ALTERATIONS
(1765) 2844 GEORGIA ST., OAKLAND. Alterations and additions.
Owner—A. R. Peterson, 2844 Georgia Street.
Contractor—C. Griffin, 4001 Midvale Ave.
Architect—Not Given. $2500

ALTERATIONS
(1766) 724-26-28-30 16TH STREET, OAKLAND. Alterations to apartments.
Owner and Contractor—H. W. Haler, Athens Club.
Architect—Not Given. $1000

DWELLING
(1767) 2533 CASTELLO ST., OAKLAND. One-story 6-room dwelling.
Owner and Contractor—J. W. Scammell, 3161 Fruitvale Ave.
Architect—Not Given. $5000

ADDITIONS
(1768) 2917 TELEGRAPH AVE., BERKELEY. Additions.
Owner and Contractor—Joe Rinella, Prem.
Architect—Not Given. $4000

COTTAGE
(1769) 1218 ORDWAY, BERKELEY. One-story 1-room cottage.
Owner—J. S. Sherry, Prem.
Contractor—John Faramio, 827 Madison, Albany.
Architect—Not Given. $4390

DWELLING
(1770) 2812 LINCOLN, ALAMEDA. One-story 6-room dwelling.
Owner—Roy M. Hanson, 1708 Cornell, Alameda.
Contractor—J. H. Pickrell, 1738 Cornell, Alameda.
Architect—Not Given. $5,000

DWELLING
(1771) 2600 BEAL AVE., OAKLAND. One-story 6-room dwelling.
Owner—J. Peters, 5720 Walnut St., Oakland.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland.
Architect—Not Given. $5,500

DWELLING
(1772) 2501 CORDOVA ST., OAKLAND. One-story 5-room dwelling.
Owner and Builder—J. H. Scammell, 3161 Fruitvale Ave., Oakland.
Architect—Not Given. $4,500

ALTERATIONS
(1773) 1752 LEIMERT Blvd., OAKLAND. Alterations.
Owner—Dr. Julius Montalvan, 1752 Leimert Blvd., Oakland.
Contractor—W. H. Warren, 3044 Dakota St., Oakland.
Architect—Not Given. $1,000

ALTERATIONS
(1774) 1242 28th ST., OAKLAND. Alterations and addition.
Owner and Builder—Lester Knox, 28th and Union Sts., Oakland.
Architect—Not Given. $2,000

ALTERATIONS
(1775) 1372 14th ST., OAKLAND. Addition and alterations.
Owner—J. Cogua, 1372 14th Street, Oakland.
Contractor—J. B. Petersen & Son, 4021 Agua Vista St., Oakland.
Architect—Not Given. $1,000

RESIDENCE
(1776) 135 REQUA RD., PIEDMONT. Two-story 8-room residence and garage.
Owner—Mrs. A. A. Ricker, Bellevue Staten Apts., Piedmont.
Architect—Newsom Bros., 1226 Russ Bldg., San Francisco.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Piedmont. $15,825

RESIDENCE
(1777) 80 WOODLAND WAY, PIEDMONT. Two-story 6-room residence and garage.
Owner—Guy E. Needham, Grand and Oakland Aves., Piedmont.
Architect—E. L. Snyder, Berkeley.
Contractor—T. D. Courtright, 349 51st St., Oakland. $6,000

DWELLING
(1778) 4351 BRIDGEVIEW DRIVE, OAKLAND. Two-story 7-room dwelling.
Owner—Ettero DeRosa, 991 54th St.
Contractor—V. N. Strong, 1521 9th St., Alameda.
Architect—Not Given. $6800

DWELLING
(1779) 2675 LAS AROMAS, OAKLAND. Two-story 6-room dwelling.
Owner—A. E. Salm, Prem.
Contractor—Dixon & Roth, 1844 5th Ave.
Architect—Not Given. $6000

DWELLING
(1780) 6068 MARGARIDO DRIVE, OAKLAND. Two-story 7-room dwelling.
Owner—Katherine M. Smith, Prem.
Contractor — David Nordstrom, 354 Hobart St.
Architect — Archie Newsom, Russ Bldg., San Francisco. $10,000

DWELLING
(1781) 1498 OLYMPUS, BERKELEY. One-story 4-room frame dwelling and garage.
Owner—J. J. Miller, 1709 Grove.
Contractor—J. M. Walker, 1709 Grove.
Plans by Owner. $4000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
170	McCarthy	Duerner	4050
171	McCarthy	Duerner	4050
172	McCarthy	Duerner	4050
173	McCarthy	Duerner	4050
174	S. P.	Smith	842
175	First	Dutton	5021
176	First	Martin	1090

DWELLING
(170) W. ALEMANY, 425 S SANTA ROSA. One-story dwelling, with garage beneath.
Owner—The McCarthy Company, 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor—Will Duerner, Jr., as Aetna Const. Co., 301 Evergreen St., San Francisco.
Filed Nov. 12, '36. Dated Nov. 9, '36.
25% frame up.
25% brown coat plaster.
25% completion.
25% usual 35 days.
TOTAL COST, $4,050
Limit, 90 days. Plans and specifications filed.

DWELLING
(171) W. ALEMANY, 400 S SANTA ROSA. One-story dwelling, with garage beneath.
Owner—The McCarthy Company, 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor—Will Duerner, Jr., as Aetna Const. Co., 301 Evergreen St., San Francisco.
Filed Nov. 12, '36. Dated Nov. 9, '36.
25% frame up.
25% brown coat plaster.
25% completion.
25% usual 35 days.
TOTAL COST, $4,050
Limit, 90 days. Plans and specifications filed.

DWELLING
(172) W. ALEMANY, 450 S SANTA ROSA. One-story dwelling, with garage beneath.
Owner—The McCarthy Company, 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor—Will Duerner, Jr., as Aetna Const. Co., 301 Evergreen St., San Francisco.
Filed Nov. 12, '36. Dated Nov. 9, '36.
25% frame up.
25% brown coat plaster.
25% completion.
25% usual 35 days.
TOTAL COST, $4,050
Limit, 90 days. Plans and specifications filed.

DWELLING
(173) W. ALEMANY, 475 S SANTA ROSA. One-story dwelling, with garage beneath.
Owner—The McCarthy Company, 333 Kearny St., San Francisco.
Architect—Not Given.
Contractor—Will Duerner, Jr., as Aetna Const. Co., 301 Evergreen St., San Francisco.
Filed Nov. 12, '36. Dated Nov. 9, '36.
25% frame up.
25% brown coat plaster.
25% completion.
25% usual 35 days.
TOTAL COST, $4,050
Limit, 90 days. Plans and specifications filed.

ROOFING ADDITION
(174) FOURTH AND BERRY STS. Roofing addition to freight shed.
Owner—Southern Pacific Co., 65 Market St.
Architect—Not Given.
Contractor—Robert F. Smith, as Robert F. Smith Co., 61 Clementina St., San Francisco.
Filed Nov. 16, '36. Dated Nov. 9, '36.
Acceptance $842.60
TOTAL COST, $842.60
Bond, $842.60. Surety, U. S. Guarantee Co. Limit, 15 days. Plans and specifications filed.

ALTERATIONS
(175) NE COR. CALIFORNIA AND FRANKLIN. Alter church heating and ventilating system.
Owner—First Church of Christ, Scientist in San Francisco, Prem.
Contractor—Dutton-Cochrane.
Filed Nov. 16, '36. Dated Nov. 12, '36.
Completion $2510.75
Usual 35 days..... 1255.35
60 days after..... 1255.40
TOTAL COST, $5021.50
Limit, 30 days. Plans and specifications filed.

ALTERATIONS
(176) NE COR. CALIFORNIA AND FRANKLIN. Alter church heating and ventilating system.
Owner—First Church of Christ, Scientist in San Francisco, Prem.
Contractor—William Martin, 666 Mission St., San Francisco.
Filed Nov. 16, '36. Dated Nov. 12, '36.
Completion $545.00
Usual 30 days..... 272.50
60 days after..... 272.50
TOTAL COST, $1090.00
Limit, 40 days. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
174	Kramm	Moore	—
173	Vollmar	Confer	7400
175	Mille	Burdon	1389
176	Mills	East	2062
177	Owens	Clifford	69425

DWELLING
(173) LOT 44 Blk 28, North Cragmont, Berkeley. Frame dwelling.
Owner—Annie F. and Ralph C. Vollmar, 1135 Spruce St., Berkeley.
Architect—Ned S. Rucker, 5545 Taft Ave., Oakland.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.
Filed, Nov. 10, '36. Dated, Oct. 24, '36
Rough frame up.....25%
Brown coated 25%
Completion 25%
Usual 35 days.....25%
TOTAL COST, $7,400.00
Limit, 100 days. Plans and Specifications filed.

WAREHOUSE
(174) 26th and WILLOW Streets, Oakland. Warehouse.

Owner—Jos. W. Kramm, 3521 Emerson St., Oakland.
Structural Engineer—R. H. Cooley, 354 Hobart St., Oakland.
Contractor—John J. Moore Company, 354 Hobart St., Oakland.
Filed and Dated, Nov. 13, 1936.
Payments not given.
Contractor's fee for super.....$2,000
TOTAL COST Not Given.
Forfeit, $100 per day. Limit, 120 days. Plans and Spec. filed.

PAINTING
(175) SW COR. 9TH and FALLON STS., OAKLAND. Painting.
Owner—Mills College, Seminary and Camden.
Architect—W. H. Ratcliffe, Amer. Tr. Bldg., Berkeley.
Contractor—J. J. Burdon & Son, 3817 Forest Hill Ave., Oakland.
Filed Nov. 16, '36. Dated Nov. 2, '36.
On or before 10th day of each mo. —75% labor and material.
Usual 35 days—25%.
TOTAL COST, $1389.00
Bond, $1389. Surety, Maryland Cas. Co. Forfeit, $25 per day. Limit, 35 days.

SHEET METAL WORK
(176) SW COR. 9TH AND FALLON STS., OAKLAND. Sheet metal work.
Owner—Mills College, Seminary and Camden.
Architect—W. H. Ratcliffe, Amer. Tr. Bldg., Berkeley.
Contractor—East Bay Sheet Metal Works, 1101 Market St., Oakland.
Filed Nov. 16, '36. Dated Aug. 24, '36.
On or before 10th day each mo.—75% labor and material.
Usual 35 days—25%.
TOTAL COST, $2062.00
Bond, $2062. Surety, Fidelity & Deposit Co. Forfeit, $25 per day. Limit, 24 days.

EQUIPMENT
(177) FRUITVALE & ALAMEDA AVES., OAKLAND. Automatic sprinkler equipment.
Owner—Owens-Illinois Pacific Coast Co., 1855 Folsom St., San Francisco.
Architect—Not Given.
Contractor—Curtiss T. Clifford, Fire Protection Eng. Co., 369 Pine St., San Francisco.
Filed Nov. 17, '36. Dated July 28, '36
On or before 10th day each mo.—75% labor and equipment.
Usual 30 days—25%.
TOTAL COST, $69,425.00
Bond, $34,712.50. Surety, U. S. Guaranty Co. Plans and specifications filed.

SAN FRANCISCO CO., UNDER $1000

ADDITION, $720; 189 John St., Oakland; owner and contractor, N. S. Herrstrom, Prem.
REPAIRS, $50; 1920 E. 21st St., Oakland; owner and contractor, Louis Ouvia, Prem.
ALTERATIONS, $400; 151 Madison St., Oakland; owner, J. Nichols, Prem.; contractor, Henry Brown, 1387 E. 32nd St.
ALTERATIONS, $205; 636 51st St., Oakland; owner, Mr. Fiosi, Premises; contractor, J. Militello, 5866 Marshall St.
ALTERATIONS and repairs, $225; 1020 Brush St., Oakland; owner, A. A. Harris, Prem.; contractor, B. F. Mayharn, 4168 Quigley St.
ALTERATIONS, $110; 25 Stonewall Road, Oakland; owner, R. Probasco, Prem.; contractor, 1018 Rose Ave., Piedmont.
FIRE repairs, $500; 464 29th St., Oakland; owner, H. Martin, 366 40th St.; contractor, Fred J. Early, Jr., 366 40th St.
RE-ROOF, $490; 1001-17 Broadway, Oakland; owner, W. J. Eva, 2409 M St., Sacramento; contractor, A. K. Goodmundson, 45th Ave. &
ALTERATIONS and additions, $850; 3437 Curran St., Oakland; owner, L. L. Russell, Prem.; contractor, C. R. Squires, 2621 Hopkins St.
REPAIRS, $375; 63 Santa Clara Ave., Oakland; owner, Fleet Phillips, Prem.; contractor, Burror's Termite & Bldg. Maintenance Co., 3514 Broadway.
ADDITION to garage, $75; 5274 Manila Ave., Oakland; owner and contractor, Mrs. L. M. Smith, Prem.
ALTERATIONS, $325; 2611 Telegraph Ave., Oakland; owner, R. Wehara, Prem.; contractor, C. C. Corley, 1438 Madison St.
SIGN, electric, $80; 5556 Claremont Ave., Oakland; owner, Pedroni, Prem.; contractor, Neon Sign Service, 6521 Raymond St.
SIGN, electric, $80; 364 40th St., Oakland; owner, Driver Storage, Prem.; contractor, Neon Sign Service, 6521 Raymond St.
SIGN, electric, $80; 5268 Foothill Blvd., Oakland; owner, Mike Boyjian, Prem.; contractor, Neon Sign Service, 6521 Raymond St.
BILLBOARD, $140; SW Cor. 26th & Grove Sts., Oakland; owner and contractor, Richfield Oil Co., Western Water Front.
ALTERATIONS, $142; 3104 Deakin, Berkeley; owner, J. S. Gallagher, Prem.; contractor, Acme Roof Co., 1093 71st Ave., Oakland.
ALTERATIONS, $145; 1826 Ward, Berkeley; owner, O. Nicely, 2063 Los Angeles; contractor, W. H. Craig, 3306 Harrison, Oakland.
GARAGE, private, $350; 1534 Edith, Berkeley; owner, M. A. Groth, Prem.; contractor, D. Maselli, 2540 California St.
ALTERATIONS, $600; 1704 Shattuck, Berkeley; owner, Mrs. H. Fourres, Prem.; contractor, Leslie, Alley, 1621 Encinal, Alameda.
SIGN, electric, $125; 3009 Fillmore; owner, Mr. Roche, Prem.; contractor, Apex Electric Co., 363 Fell St.
SIGN, electric, $22; 986 Harrison st.; owner, Calif. Fruit Juice Co., Prem.; contractor, Elec. Prod. Corp., 910 Harrison.
FLUE, $35; 263-A Cumberland St.; owner, Mr. Harvey, Prem.; contractor, Beaumont Furnace & Sheet Metal Works, 4811 Geary.
FLUES, $30; 564 Precita Ave.; owner, Mr. Roche, Prem.; contractor, Beaumont Furnace & Sheet Metal Works, 4811 Geary.
ALTER dwelling, $75; 1580 Eddy St.; owner, Louise Burmeister, 1594 Eddy St.
SIGN, electric, $100; 1658 Market; owner, Thrifty Cleaners, Prem.; contractor, American Elec. Sign Co., 1740 Eddy St.
ALTER dwelling, $150; 3238 Scott St.; owner, Peter Agnese, Prem.
SIGN, electric, $135; 500 4th St.; owner, Transbay Cafe, Prem.; contractor, Apex Elec. Co., 363 Fell St.
FLUE, $15; 1632 Lawton; owner, S. Rivero, Prem.
ALTER dwelling, $125; 516 2nd Ave.; owner, Wm. Zietzke, Prem.
FLUE, $40; 150 Cabrillo; owner, Mr. Schlag, Prem.; contractor, Beaumont Furnace & Sheet Metal Works, 4811 Geary Blvd.
FLUES, $15; 1446 40th Ave.; owner, Mr. Murphree, Prem.; contractor, Beaumont Furnace & Sheet Metal Works, 4811 Geary.
SIGN, electric, $250; 3535 Geary St.; owner, Food Mart, Prem.; contractor, Novelty Electric Sign Co., Inc., 66 Washburn.
ALTER private garage, $270; 70 Santa Monica; owner, L. S. McDermott, Prem.; contractor, Geo. Bergstrom, 112 Putnam.
ALTER flats, $80; 246 Cumberland; owner, Robert Patching, Prem.
SIGN, electric, $350; 246 Montgomery; owner, Louis Rose, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.
ALTER flats, $962; 4283 Harrison; owner, Chas. Heiner, Prem.; contractor, Chas. Greenberg, 3118 23rd St.
ALTER flats, $500; 37-39-41 Lyon St.; owner, F. Von Issendorf, 37 Lyon St.
ALTER apartments, $100; 1529 Sutter; owner, Helen Grant, Prem.
FLUE, $19; 2451 23rd Ave.; owner, Mrs. Tripp, Prem.; contractor, Beaumont Furnace & Sheet Metal Works, 4811 Geary.
FLUES, $30; 1270 16th Ave.; owner, Mr. Shook, Prem.; contractor, Beaumont Furnace & Sheet Metal Works, 4811 Geary.
SIGN, electric, $175; 3535 Geary St.; owner, Food Mart, Prem.; contractor, Novelty Elec. Sign Co., Inc., 66 Washburn.
ALTER dwelling, $100; E. Jennings, 100 N Palou; owner, G. Assaro, 1188 Palou Ave.
ALTER dwelling, $300; 3337 Pierce; owner, Mabel Deane, Prem.
ALTER dwelling, $35; 124 Alta; owner, Richard Black, Prem.; contractor, George Moore, 231 Filbert.
SIGN, electric, $150; 647 Sutter; owner, Colorado Grocery, Prem.; contractor, Wonderlite Neon Mfg Co., Ltd., 170 Otis.
FLUES, $100; 715 Marina Blvd.; owner, B. Liebman, 1555 Francisco; contractor, National Sheet Metal Works, 3168 Mission.
ALTER flat, $75; 1977 Union; owner, August Superbie, 76 Pixley.
ALTER apartments, $180; 532 Oak; owner, August Frucktenicht, 528 Oak.
FLUES, $40; 76-78 Leland Ave.; owner, Louis Bruno, 53 Leland; contractor, Carl Downall, 6084 Mission.
ALTER store, $200; 3733 Geary; owner, Howard Hickey, Prem.
SIGN, electric, $300; 1100 Fillmore; owner, Max Galant, Prem.; contractor, Wonderlite Neon Mfg. Co., Ltd., 170 Otis.
SIGN, electric, $100; NW Bay and Columbus Ave.; owner, Bal Tabarin Cafe, Prem.; contractor, Brumfield Electric Co., 965 Folsom.
ALTER dwelling, $200; 17 Laidley; owner, J. Hanahan, Prem.
ALTER flats, $75; 1251 Geary; owner, E. Callen, 50 Sutter; contractor, Andrew Pellon, 847 Duncan.
ALTER dwelling, $160; 3047 Baker; owner, E. Grassini, 3047 Baker.
FLUES, $100; 711 Marina Blvd.; owner, B. Liebman, 1555 Francisco; contractor, National Sheet Metal Works, 3168 Mission.
ALTER dwelling, $50; 158 Clinton Park; owner, Gustave Anderson, Prem.
SIGN, electric, $150; 524 Union; owner, J. Perrone, Prem.; contractor, Brumfield Electric Co., 965 Folsom.

ALAMEDA COUNTY

SIGN, metal, $25; 4808 Broadway, Oakland; owner and contractor, Jos. Macri, Prem.
REPAIRS, $125; 383 8th St., Oakland; owner and contractor, Man Lung, Prem.
FIRE repairs, $175; 861 Athens St., Oakland; owner, Martha Houlihan, Prem.; contractor, A. H. Rose, 478 25th St.
ALTERATIONS, $114; 1108 2nd Ave., Oakland; owner, Mrs. R. Martin, Prem.; contractor, D. L. Charbonnet, 1322 83rd Ave.
GARAGE, 1-story, $300; 2636 62nd Ave., Oakland; owner and contractor, C. D. Oliver, Prem.
ROOFING, $95; 54 Lake Ave., Piedmont; owner and contractor, T. J. Casey, 54 Lake Ave.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
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17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

To Be Done By Day's Work
AUTO COURT Cost, $50,000
SALINAS, Monterey Co., Calif.
Twenty individual cottages (modern facilities, air conditioned), built around central court; tennis court, swimming pool (20x40 ft.), and 6-room owner's residence containing small restaurant.
Owner—C. J. Ramsdale, Los Angeles.
Architect—Not Given.

To Be Done By Day's Work
APARTMENTS Cost, $18,500
SAN FRANCISCO, Calif. S. Sacramento, E Octavia St.
Three-story frame and stucco apartment building.
Owner & Builder—P. Kahn, care Architect.
Architect—Conrad T. Kett, 519 California St.
Engineer—W. H. Adrian, 417 Market St.

Bids In — Held Under Advisement
APARTMENTS Cost, $35,000
BURLINGAME, San Mateo Co., Cal. El Camino Real.
Two - story frame and stucco apt. building consisting of two units of four 3-room apts.; central court, English design, wood sash, hot air heating system, hardwood floors, 8 separate garages in rear yard.
Owner—Not Given.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.
Announcement will be made shortly.

Plans Being Figured
APARTMENTS Cost, $22,000
BURLINGAME, San Mateo Co., Cal. El Camino Real.
Two-story frame and stucco apartment building (eight 3-rm. apts.), steam heat, oil burning heating system, metal sash, hardwood floors, tile baths, garage space for 8 cars.
Owner—Not Given.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.
Plans are being figured by a selected list of contractors.

3— CHURCHES

To Be Done By Day's Work
CHURCH Cost, $20,000
SALINAS, Monterey Co., Calif.
One-story frame church (chapel and auditorium) hot air heat; tile roof.
Owner—First Baptist Church.
Architect—Chas. E. Butner, 51 Maple St., Salinas.

Postponed Indefinitely
CHURCH Cost, $50,000
SAN FRANCISCO. Octavia & Pine Streets.
Three-story frame church (wood exterior).
Owner—Buddhist Mission of North America.
Plans by G. G. Shimamoto, 1534 Geary Street.

Being Done By Day's Work
ADDITION Cost, $80,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif. East Grand Ave.
One-story frame addition to Metal and Thermit plant.
Owner & Builder—Metal & Thermit Co. (Emil Kardos, Pres.).
Plans by Construction Department of Owner.

4— FACTORIES & WAREHOUSES

Additional Sub Contract Awarded
FACTORY Cost, $56,000
SAN FRANCISCO, Calif. 16th and Vermont Sts.
Three-story reinf. concrete factory (100x140 ft.).
Owner—Echlin Manufacturing Company, 799 Golden Gate Ave.
Architect—W. D. Peugh, 333 Montgomery St.
Consulting Engineer — F. W. Kellberg, 320 Market St.
Contractor — Cahill Bros., 206 Sansome St.
Plumbing & Heating—James H. Pinkerton Co., 927 Howard St.
As previously reported:
Concrete — Readymix Concrete Co., Ltd., Carolina & Mariposa Sts., San Francisco.
Reinf. Steel—W. C. Hauck, 280 San Bruno Ave., San Francisco.
Placing of Reinf. Steel—J. Phillips Murphy, 222 Parkview Avenue, Piedmont.

Contract Awarded
INDUST. BLDG. Cost, $20,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Three one-story industrial buildings (steel frame, concrete walls and floors, corrugated iron, steel sash, etc.).
Owner—Wildberg Bros. Smelting & Refining Co., So. San Francisco.
Engineer—Jesse Rosenwald, 525 Market Street.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco.
Structural Steel contract awarded Judson Pacific Co., 609 Mission St., San Francisco.

To Be Done By Day's Work
FOUNDRY Cost, $20,000
SAN FRANCISCO, Calif. S. Tehama, E 2nd St.
Foundry building.
Owner & Builder—Ajax Foundry, 61 Tehama St.
Architect—Not Given.

BIDS WANTED
SAN FRANCISCO.—Until Nov. 25, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall (under Spec. 5083) for the construction of a warehouse for the Board of Education on the north side of Harrison Street between 10th and 11th Sts. Estimated cost, $21,000.
Work consists of a one-story mill construction with a partial mezzanine floor; brick faced, composition roof, concrete slab flooring, match present building.
Specifications obtainable from the office of the City Architect, Charles H. Sawyer, Room 265, City Hall, upon deposit of $10.00.

Contract Awarded
WAREHOUSE Cost, $25,000
OAKLAND, Alameda Co., Calif. 26th and Willow Streets.
Warehouse.
Owner—Jos. W. Kramm, 3521 Emerson St., Oakland.
Engineer—R. H. Cooley, 354 Hobart St., Oakland.
Contractor—J. J. Moore Co., 354 Hobart St., Oakland.

Additional Sub-Contracts Awarded
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass mfg. plant (brick and insulux glass construction) concrete foundations, corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, vice-president in charge).
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Mgr. of Construction—P. J. Walker Company, Sharon Building, San Francisco.
Mechanical Engineer—A. R. McLaren, 611 Howard St., San Francisco.
Electrical Engineers—Kuchel & Sievers, 468 5th St., San Francisco.
Rolling Doors—D. A. Pancoast Co., 557 Market St., San Francisco.
Bids on roofing are in and under advisement.

Bids Rejected
RESIDENCE Cost, $9,000
WILLOW GLEN, Santa Clara Co.
One - story frame and stucco residence (six rooms) gas furnace, hardwood floors, tile bath, etc.
Owner—Henry Robidoux.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Low Bidder—N. J. Nielson, 1270 Iris Court, San Jose, $9,400.
New bids will be asked at a later date. N. J. Nielson, San Jose, at $9,400 submitted the lowest regular bid at the previous bid opening.

Contract Awarded
FACTORY Cost, $9,000
SAN LEANDRO, Alameda Co., Calif. Washington Ave. (4-A. tract).
One-story fabricated steel factory (40 x 60 ft.).
Owner—Inter-Coastal Paint Corp., East St. Louis, Ill.
Architect—Not Given.
Contractor—H. F. Christensen Co., 1955 Webster St., Oakland.

Plans Being Revised
DISTILLERY Cost, $.....
SAUSALITO, Marin Co., Calif.
Alterations to existing buildings and construction of a new group of buildings for whiskey distillery (reinforced concrete filter piles, concrete foundations, terra cotta tile walls, steel frame, copper and wood tanks, scales, cookers, etc.).
Owner — American Distillery, Sausalito.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.
Bids to be asked shortly.

5— FLATS

Contract Awarded
FLATS Cost, $5,000
SAN FRANCISCO. SW 25th and Alabama Sts.
Two 2-story frame and stucco flat buildings (4 flats of 4- and 5-rooms), flat composition roof, gas furnaces, hardwood floors, tile baths, etc.
Owner — Tony Formosa, 1333 Alabama Street.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—A. R. Larson, 4020 24th St.

Preparing Plans
FLATS Cost, $11,000
SAN FRANCISCO, Calif. Richmond District.
Two-story flat bldg. (5 rooms, 2 baths each flat); hot air heating system; composition and slate roof; hardwood floors; tile baths, etc.
Owner—Withheld.
Architect—A. H. Larsen, 333 Kearny Street.
Bids will be asked in about one week.

Preparing Preliminary Plans
ALTERATIONS Cost, $3,000
SAN FRANCISCO, Calif. Broderick St., near Washington St.
Alterations to flat building.
Owner—Name withheld.
Architect—Not Given.
Mgr. of Construction—Cyril Doane, 49 Rico Way.

Preparing Preliminary Plans
FLATS Cost, $18,000
SAN FRANCISCO, Calif. Larkin St., near Greenwich St.
Three-story Class C flat building; first floor reinforced concrete; two additional floors frame and stucco; 6 rooms, 2 baths each flat; composition roof, oil burning furnace; wood sash, hardwood floors, tile baths, elevator.
Owner—Mrs. Freed.
Architect—Not Given.
Mgr. of Construction—Cyril Doane, 49 Rico Way.

Completing Plans
ALTERATIONS Cost, $4,000
SAN FRANCISCO. Union Street nr. Pierce Street.
Alterations to flat building.
Owner—Mrs. Alice Fisher.
Architect—Not Given.
Mgr. of Const.—Cyril Doane, 49 Rico Way (WAlnut 6291).
Sub-bids are being taken on heating, plumbing and plastering work by Mr. Doane.

6—GARAGES & SERVICE STATIONS

Plans Being Revised
SERVICE STATION Cost, $7,000
OAKLAND, Alameda Co., Calif. Park and Hopkins Sts.
Steel service station.
Owner—General Petroleum Company, 519 19th St., Oakland.
Plans by Eng. Dept. of Owner.
New bids will be asked in about two weeks.

Preparing Plans
GARAGE Cost, $5,000
HEALDSBURG, Sonoma Co., Calif.
One-story concrete garage.
Owner—Leo Frediana, Healdsburg.
Architect — John Easterly, Healdsburg and Santa Rosa.

Plans Being Figured
SERVICE STATION Cost, $8,500
SAN JOSE, Santa Clara Co., Calif. 301 S. Market St.
Gasoline Service Station.
Owner—General Petroleum Corp. of Calif., 310 Sansome St., San Francisco.
Plans by Engineering Department of Owner.

7— FEDERAL BUILDINGS

BIDS WANTED
RIVERSIDE, Calif.—Until December 9, bids will be received by the Purchasing Officer, Interior Department, Washington, D. C., for construction of a one-story and part basement school building on the grounds of the Riverside School, Mission Agency, Riverside, under Spec. No. 1948.
Plans and specifications may be obtained from the above office upon deposit of $25.

BIDS OPENED
ALCATRAZ ISLAND.—B. C. Van Emon Co., 224 Fremont St., San Francisco, at $65, submitted low bid and will be awarded contract by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, under Bid No. PI-167, for repairing hand-controlled electric freight elevator in laundry, Bldg. 67-C, U. S. Penitentiary, Alcatraz.
San Francisco Elevator Co., at $83.85, submitted the only other bid.

BIDS OPENED
CLAREMONT, Los Angeles Co., Calif.—Public Building Contractors, Bronx, New York, at $472, submitted low bid to Treasury Department, Washington, D. C., for furnishing railing and gutters in the U. S. Post Office at Claremont.
Complete bids follow:
Public Building Contractors, Bronx, N. Y. $472
Henry L. Grohne, Decatur, Ill. 687

BIDS WANTED
SAN FRANCISCO.—Until Nov. 30, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C. for electrical precipitator equipment at the U. S. Mint at San Francisco.
Specifications obtainable from the above office. No deposit required.

BIDS WANTED
SACRAMENTO, Calif.—Until Dec. 14, 2 P. M., bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Building, Sacramento, for erecting the Quartermaster's Warehouse, Quartermaster's Warehouse Annex, Quartermaster's Maintenance Building and Quartermaster's Garage on the site of the Army Air Corps Supply Depot, near North Sacramento. The estimated cost of the group of the buildings is $105,000. The work will be let in a single contract.
All construction will be of reinforced concrete, walls, floors, and roofs; brick interior partitions; metal sash; gas radiators.
The warehouse and maintenance building will each be 181x41 feet., one-story.
Warehouse annex will be L-shaped 21 feet wide, 41 feet on one side and 61 feet on the other.
Garage includes repair shop, 32x 124 feet, one-story, and two detached sheds, open on one side, each 163x 20 feet.
Plans and specifications may be obtained from above on deposit of $25.00.

CONTRACT AWARDED
EUREKA, Calif.—O. E. Johnson, Loleta, at $761, awarded contract by the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8309, for excavating, closing openings, covering hot water heating pipes, installing new sash in basement heating room windows in Bldg. E-1, and for miscellaneous replacements and repairs to plumbing fixtures and fittings in various buildings at the U. S. Naval Direction Finder Station, Table Bluff (Eureka).

BID OPENING POSTPONED
POINT REYES, Marin Co., Cal.—Until December 2, 11 A. M. (date postponed from Nov. 18, previously reported) bids will be received by the Public Works Officer, Navy Yard Mare Island, under Spec. No. 8310, for the construction of an auxiliary power house; the re-roofing and re-wiring of Barracks; installation of electric service including wiring for power and lights in buildings at the U. S. Naval Direction Finder Station, Point Reyes.
Plans and specifications obtainable from the office of the Commandant, Navy Yard, Mare Island, upon deposit of $5.00.

BUILDING MATERIALS APPROVED
LOS ANGELES, Calif. — Treasury Department has approved the following building material and equipment awards for the construction of U. S. post office at Los Angeles. Robert E. McKee, 1128 Central Bldg., Los Angeles, general contractor:
Ammonia compressor, Frick Co.; condenser, Frick Co.; ice - making plant, brine tank, Western Pipe and Steel Co.; cooling tower, Dura Steel Products Co.; brine cooler, Frick Co. brine surge tank and brine mixing tak, Buehler Tank & Welding Works air compressor, Johnson Service Co.; float valves, Frick Co.; ammonia receiver, Frick Co.

BUILDING MATERIALS APPROVED
MARTINEZ, Contra Costa County, Cal.—Treasury Department has approved the following building material and equipment awards for the construction of U. S. post office at Martinez. Geo. Petersen, 1841 Bancroft Ave., San Leandro, general contractor:
Tube radiators, wall radiators and air valves for radiators, American Radiator Co.; air valves for ends of steam mains, James P. Marsh Co.; boiler, California Steel Products Co.; oil and gas burning equipment, S. T. Johnson Co.; oil heater, Excelso Products Corp.; nonconducting covering for heating, Johns - Manville Co.; panelboards, Trumbull Electric Mfg. Co.; main switch, Trumbull El. Mfg. Co.; r.c. wire, General Cable Co.; receptacles and flush switches, Harvey-Hubbell.

BIDS WANTED
BOULDER DAM, Nevada. — Until November 24, bids will be received by the Purchasing Officer, Interior Department, Washington, D. C., under Proposal No. 1945, for furnishing and erecting bronze, winged figures, memorial tablet, dadoes, flagbox and collar for flagpole complete for Boulder Dam Project.
Plans and specifications obtainable from the above office upon deposit of $1 per set.

BLDG. MATERIALS APPROVED
ONTARIO, Oregon.—Treasury Department approved following building material and equipment awards for the construction of U. S. Post Office at Ontario. Benjamin H. Sheldon, Ontario, Oregon, general contractor. Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Halsey W. Taylor Co.; indirect water heater, Bell & Gossett Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; relief valve, Mueller Co.;

nonconducting covering for plumbing, Plant Rubber & Asbestos Co.; boiler, Kewanee Boiler Corp.; tube radiators, Am. Radiator Co.; wall radiators, Am. Radiator Co.; nonconducting covering for heating, Plant Rubber & Asbestos Co.; angle radiator valves, Milwaukee Valve Co.; air valves for radiators and air valves for ends of steam mains, Hoffman Specialty Co.

BIDS WANTED

POINT ST. GEORGE, Del Norte Co., Calif.—Until December 9, 11 a.m., bids will be received by the Public Works Officer, Navy Yard, Mare Island, under Spec. No. 8308, for furnishing and installing water pump enclosures, new A.C. motors in place of the present D.C. motors on water pumps; and wiring for motors and lights at the U. S. Naval Direction Finder Station, Point St. George, Crescent City.

Plans and specifications obtainable from the office of the Commandant, Mare Island Navy Yard, upon deposit of $5.

Contract Awarded

POST OFFICE AND COURTHOUSE Contract Price, $154,888
SITKA, Alaska.
U. S. Post Office and Courthouse.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Contractor—J. B. Warrack, 1331 3rd Ave. Bldg., Seattle.

CONTRACT AWARDED

HOOD RIVER, Oregon.—Newman Bros., McMinnville, Ore., at $327.00 awarded contract by Procurement Division, Public Buildings Branch, Washington, D. C., for painting the plaster, etc., in the U. S. post office at Hood River.

BLDG. MATERIALS APPROVED

UKIAH, Mendocino Co., Calif.—Treasury Department approved following building material and equipment awards for the construction of U. S. Post Office at Ukiah. Robert McCarthy, 1363 14th Ave., San Francisco, general contractor. Nonconducting covering for plumbing, Plant Rubber & Asbestos Co.; relief valve, Charles M. Bailey Co.

Bids Opened

P. O. & COURTHOUSE $230,000
HILO, Hawaii.
U. S. post office and courthouse.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Low Bidder—E. E. Black, Ltd., Honolulu, T. H. (Item (1) $199,630; Item (2) $203,120.

Complete bids follow:

E. E. Black Ltd., Honolulu, T. H.	(1)	$199,634
	(2)	203,121
E. Freitas, Honolulu	(1)	$219,700
	(2)	224,700
Robt. E. McKee, L. A.	(1)	$225,500
	(2)	228,900
MacDonald Const. Co., Saint Louis, Mo.	(1)	$228,435
	(2)	234,500

BIDS REJECTED

SANTA CLARA, Santa Clara Co., Cal.—All bids were rejected by the Treasury Department, Washington, D. C., for plaster models for the U. S. post office at Santa Clara.

BIDS WANTED

LIVERMORE, Alameda Co., Cal.—Until January 5, 1:30 P. M., bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for the construction of the Infirmary Ward Building and Connecting Corridor, at the Veterans' Administration Facility, Livermore.

The work includes walks, grading and drainage, reinforced concrete, brick work, slate stair treads, marble work, floor and wall tile, compressed asphalt tile, linoleum, waterproofing, metal work, steel stairs, steel cabinets and shelving, built-up roofing, metal lathing, plastering, carpentry, acoustical treatment, insulation, metal weatherstrips, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevator, outside service connections, etc.

Separate bids will be received for (1) general constrution, including the plumbing and electrical work; and (2) electric elevator.

Plans and specifications obtainable at the above office and from the office of the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

Low Bidder

RADIO BUILDING Cost, $.....
HICKAM FIELD, T. H.
Radio building, including utilities. (Spec. 397-16).
Owner—U. S. Government.
Plans prepared under the supervision of Captain H. B. Nurse, Constructing Quartermaster, Hickam Field.
Low Bidder—E. E. Black, Ltd., P.O. Box 2303, Honolulu, $18,095.

CONTRACT AWARDED

PHOENIX, Arizona.—Newman Bros., 660 W. 4th St., Cincinnati, Ohio, at $497, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for wood rail, wrought-iron grilles, directional sign, etc., in the U. S. Post Office at Phoenix, Ariz

NO BIDS RECEIVED

HOOD RIVER, Ore.—No bids were received by Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Hood River.

CONTRACT AWARDED

RENO, Nev.—Reno Sheet Metal Works, 517 Evans Ave. ,at $1,047, awarded contract by Procurement Division, Public Buildings Branch, Washington, D. C., for repairs to marquee and skylight in the U. S. post office at Reno.

BIDS OPENED

LODI, San Joaquin Co., Calif.—Chamberlin Metal Weather Strip Co. Inc., Detroit, Mich., at $541.00 submitted low bid to the Procurement Division, Public Buildings rBanch, Wahington, D. C., for furnishing insect screens in the U. S. post office at Lodi.

Complete bids follow:

Chamberlin Metal Weather Strip Co., Inc., Detroit, $541.00.

The Robbins Co., Chicago, $548.00.

Ceco Weatherstrip & Screen Co., Chicago, $581.00.

CONTRACT AWARDED

RENO, Nev.—Reno Sheet Metal Works, at $1,047, awarded contract by Procurement Division, Public Buildings Branch, Washington, D. C., for repairs to the skylights and marquees at the Reno Post Office.

BUILDING MATERIALS APPROVED

MARTINEZ, Contra Costa Co., Cal.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at Martinez. George Petersen, San Leandro, general contractor:

Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Kelvinator Sales Corp.; indirect water heater, Bell & Gossett Co.; water pipe, Chase Brass & Copper Co.; pressure reducing valve on water supply and relief valve, Muller Co.; nonconducting covering for plumbing, Johns-Manville Co.; sump pump, Well Pump Co.; glassware, Gill Glass & Fixture Co. and Moe-Bridges Corp. lighting fixtures, Mutual Metal Mfg. Company.

Low Bidders

POST OFFICE Cost, $88,000
ANACORTES, Washington.
United States Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Low Bidder—Howard S. Wright and Co., Inc., 2210 2nd Ave., Seattle, $78,980.

Second low bid was submitted by T. D. MacNeil, Mt. Vernon, Wash., at $79,600.

BUILDING MATERIALS APPROVED

LOS ANGELES, Calif.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. Federal Jail at Los Angeles. Robert E. McKee, 1138 Central Bldg., Los Angeles, general contractor:

Main switchboard, distribution panel boards, light and power, Westinghouse Elec. & Mfg. Co.; automatic transfer breakers, Automatic Switch Co.; circuit breakers, recording wattmeters and remote control switches, Westinghouse Elec. & Mfg. Co.; outlet boxes, Jefferson Electric Co.; water-tight junction boxes, Alhambra Foundry Co.; plug receptacles, heavy duty receptacles, lamp receptacles, and flush switches, Bryant Electric Co.; monentary contact switches, Hart & Hegeman, water-tight fixtures and obstruction light fixtures, Crouse-Hinds Co.; r.c. wire and cable and lead covered wire and cable, General Cable Corp.

8— CLUB BUILDINGS

Planned

CLUBHOUSE Cost, $.....
VACAVILLE, Solano Co., Calif. Merchant Street.
Reconstruct Vacaville Inn to form clubhouse (lounge, restrooms, kitchen and assembly room). The Inn was recently partially destroyed by fire.
Owner—Saturday Club (Mrs. J. M. McLaughlin, President).
Architect—Not Given.

Sub Contracts Awarded

CLUB BUILDING Cost, $7,171
LOS ALTOS, Santa Clara Co., Calif. Lot 28, Blk. P, Los Altos Golf & Country Club Properties.
Club building.
Owner—Paul R. Roller, 140 Montgomery St., San Francisco.
Architect — William I. Garren, 233 Post St., San Francisco.
Contractor—Dudley Construction Co., Pine & Washington Ave., Willow Glen, Calif.
Roofing—Henris & Sons Roofing Co., 777 Pine St.
Plumbing—D. J. Faltersack, 32 S. 7th Street.
Electric Wiring—H. L. Wolfram, 375 E. Williams St.
Heating—Cook Oil Co., 486 Seymour St.
Sheet Metal—W. Voshall, 197 Forest Ave.
Glass—S. H. Chase Lumber Co., 547 W. Santa Clara.
Window Shades—San Jose Window Shade Co., 88 S. 2nd St.
Hardwood Floors—Anderson Hardwood Floor Co., 86 Brooklyn Ave.

Iron Grille Work—Victor Benson, 1129 Hester Ave.
Grading—Ed. Keeble, Rt. 4, Box 278, Tully Road.
Lumber & Mill Work—S. H. Chase Lumber Co., 547 W. Santa Clara.
Hardware — California Cut - Rate Hardware Co., 394 S. 1st St.

Contract Awarded
REMODELING Cost, $10,000
NAPA, Napa Co., Cal. 920 Brown St.
Remodeling first floor exterior, stores and offices; interior remodeling on second floor, move stairway, new buffet and kitchen, interior decorating, etc.
Owner—Elks Lodge.
Plans prepared by C. Leroy Hunt, 989 Second Street, Napa.
Contractor—Coffield & Arnitz, 429 Franklin St., Napa.

9— HOSPITALS

Planned
ADDITION Cost, $.....
STANISLAUS, Tuolumne Co., Calif.
Addition to Stanislaus County Hospital (tuberculosis unit and old men's ward).
Owner—Stanislaus County.
Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.
A $30,000 appropriation has been made for the tuberculosis unit and government aid will be sought to assist in financing old old men's ward.

Sub-Contracts Awarded
HOSPITAL Cont. Price, $16,887
COALINGA, Fresno Co., Calif.
One - story and basement hollow tile fireproof hospital (15 to 18 beds) composition roof, linoleum floor covering, etc.
Owner—Pleasant Valley Hospital Association.
Architect—W. D .Coates, Rowell Bldg., Fresno.
Contractor — Harris Const. Co., 557 McKinley Ave., Fresno.
Roofing—Central Valley Roofing Co. 1229 Broadway, Fresno.
Plumbing—F. Hudson, 2141 S. Van Ness Ave., P. O. Box 254, Fresno
Sheet Metal—Visalia Plbg. Co., Visalia.
Tile Work—C. E. McMullin Co., 1225 Broadway, Fresno.
Iron Grille Work—Kyle & Co., 346 G Street, Fresno.
Brick & Stone Work—J. Brown, 1837 Merced St., Fresno.
Lumber—Shipman Lbr. Co., Fresno.
Mill and Glass Work — Hollenbeck Bush Planing Mill Co., P. O. Box 605, Fresno.
Painting—Mingus Sign Shop, 125 E. "D" St., Coalinga.
Lathing and Plastering—W. Bishop, Fresno.

Preparing Preliminary Plans
HOSPITAL Cost, $350,000
SAN FRANCISCO, Calif. NE California and Maple Streets.
Five-story hospital.
Owner—Homeopathic Foundation of California, 391 Sutter St.
Architect—M. J. Rist, Phelan Bldg., San Francisco.

PLANNED
MARYSVILLE, Yuba Co., Calif.—Mr. G. Waite Curtis has been authorized by the Board of Directors of the Rideout Memorial Hospital to obtain estimates on an air conditioning system for the hospital.

Contract Awarded
HOSPITAL BLDG. Cont. Pr., $8,567
TULARE, Cal. Tulare County Hospital.
Therapeutic hospital building (addition to Tulare County Hospital).
Owner—County of Tulare.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Contractor — Midstate Construction Co., 245 Clinton Ave., Fresno.
Complete bids follow:
Midstate Constr. Co., Fresno.....$8,567
W. J. Ochs, Helm Bldg., Fresno 8,883
L. H. Hansen & Son, Fresno..... 9,870
R. W. Brown Construction Co., Madera 9,153
R. Hodgson & Sons, Porterville 9,790

Sub Contracts Awarded
ADDITION Cont. Price, $224,700
TALMAGE, Mendocino Co., Calif.
Two-story reinforced concrete addition to Custodial Unit at State Hospital.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—K. E. Parker Co., 135 South Park St., San Francisco.
Tile & Marble—H. P. Fischer Co., 1219 J St., Sacramento.
Misc. Steel & Ornamental Iron—Michel & Pfeffer, 10th and Harrison Sts., San Francisco.
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.
Painting — D. Zelinsky & Son, 165 Grove St., San Francisco.

Bids Rejected
NURSES' HOME Cost, $.....
YOUNTVILLE, Napa Co., Calif. Veterans' Home.
Two-story reinforced concrete nurses home (30 rooms) tile roof.
Owner—State of California.
Architect—Geo. B. Yountville, State Architect, Public Works Building, Sacramento.
Low bid on the general contract was submitted by Geo. J. Maurer, Piedmont, at $61,479.
The work will be readvertised.

10— HOTELS

Sub Contracts Awarded
TOURIST CAMP Cost, $9,500
SAN MATEO, Bayshore and Mount Diablo Ave.
Two-unit stucco and rustic tourist camp; garages.
Owner—Albert B. Cobb.
Architect—Not Given.
Contractor—Peninsula Builders, 1150 Burlingame Ave., Burlingame.
Roofing & Heating—Izmirian Roofing Co., 229 S. Railroad Ave., San Mateo.
Electric Wiring—E. Cocconi, 319 S. Eldorado Ave., San Mateo.
Plumbing—Frank McGuire, 115 So. Claremont Ave., San Mateo.
Lumber, Glass & Mill Work — San Mateo Planing Mill Co., 501 5th Ave., San Mateo.
Foundations & Concrete—A. Hansen, Ralston Road, Belmont.
Hardware — Burlingame Hardware Co., 1208 Burlingame Ave., Burlingame.
Painting—F. Geyer & Sons, Lomita Park.
Lathing & Plastering—E. Barr, Burlingame.
Linoleum—Bird's Floor Covering Co., 222 California Drive, Burlingame.

FIRE LOSS
PLACERVILLE, Eldorado Co., Calif.—Fire destroyed the postoffice, store, summer cottage, hotel and hotel annex at Camp Richardson Nov. 14, with damage estimated at $40,000.

Additional Sub Contracts Awarded
ADDITION Cont. Pr., $68,370
SAN FRANCISCO. Turk and Mason Streets.
Nine-story steel frame and concrete addition to Oxford Hotel (thirty rooms).
Owner—Arnold Haas.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—W. C. Tait, 883 Market St., San Francisco.
Reinf. Steel—Gunn-Carle & Co., 20 Potrero Ave.
Plumbing—E. Sugarman, 3624 Geary Street.
Electric — Crown Electric Co., 153 Eddy St.
All of San Francisco.
As previously reported:
Steel—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.
Terra Cotta—N. Clark & Sons, 116 Natoma St., San Francisco.
Wrecking — John Falstrum, San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED
SANTA CLARA CO., Calif.—Until November 23, 11 a.m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for painting the buildings at the County Almshouse.
Plans and specifications obtainable from the above office.

CONTRACT AWARDED
STOCKTON, San Joaquin Co., Cal. —John Hachman, P.O. Box 206, Stockton, at $4,600, awarded contract by County of San Joaquin, for furnishing all labor, material and equipment for remodeling the former post office building on SE Market and California Sts., Stockton.
Complete bids follow:
John Hachman, Stockton.....$4,600
Ralph P. Sharp, Stockton..... 6,442
H. E. Vickroy, Stockton..... 6,666
S. Eyre, Tracy..... 6,995
L. Ubels, Tracy..... 7,171

Planned
COURT HOUSE Cost, $100,000
REDWOOD CITY, San Mateo Co., Calif. Middlefield Road and Marshall and Jefferson Sts.
Two-story County Court House (200 x50 ft.); (fire warden's office, county library, agricultural commissioner's office, relief office, Redwood City justice court, county school superintendent and supervisor's quarters, garages for three trucks).
Owner—County of San Mateo.
Architect—William H. Toepke, Call Bldg., San Francisco.
Immediate application will be made for PWA grant of $45,000.

BIDS WANTED
ALAMEDA-CONTRA COSTA Cos., Cal.—Until December 9, 11:30 A. M., bids will be received by the Board of Directors of Joint Highway District No. 13, in the Supervisors Chambers, Hall of Records, Fifth and Broadway, Oakland, for the completion of construction of the ventilation building, Schedule "D", of the Broadway Low Level Tunnel.
Plans and specifications obtainable from the office of Chief Engineer Wallace B. Boggs, 1448 Webster St., Oakland, upon deposit of $50.00, of which $40 will be returnable.

14— RESIDENCES

Plans Being Revised
RESIDENCE Cost, $9,000
WILLOW GLEN, Santa Clara Co.
One - story frame and stucco residence (six rooms), gas furnace, hardwood floors, tile bath, etc.
Owner—Henry Robidoux.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.

On previous bid opening, lowest regular bid was submitted by N. J. Nielsen, San Jose, at $9,400.

Completing Working Drawings
ALTERATIONS Cost, $3,000
SAN FRANCISCO. Broderick Street near Washington Street.
General alterations to residence.
Owner—Withheld.
Architect—Not Given.
Mgr. of Const.—Cyril Doane, 49 Rico Way.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO, Calif. San Bruno and Olmstead Sts.
One-story and basement frame and stucco residence.
Owner—Mr. Macaronis, care Contractor.
Architect—Not Given.
Contractor — Alfred E. Augenstein, Jr., 132 Judson Ave.

Being Done By Day's Work
SAN FRANCISCO, Calif. E. Almaden, N Anza St.
One-story and basement frame and stucco residence.
Owner & Builder—M. Nathan, 583 London St.
Architect—C. O. Clausen, 746 46th Ave.

Postponed Indefinitely
STORE AND APTS. Cost, $12,500
SAN FRANCISCO. West Portal Ave.
Two-story frame and stucco store and apartment building (one 6-room apartment and two stores), asbestos shingle and composition roofing, steel and wood sash, gas heating system, etc.
Owner—J. and P. Pinto.
Architect—Harold Stoner, 41 Sutter Street.

Sub Contracts Awarded
RESIDENCE Cost, $.....
MENLO PARK, Santa Clara Co., Cal.
One-story frame and stucco residence (6 rooms, 2 baths), shake roof, gas heat, hardwood floors, tile baths, steel sash, etc.
Owner — Felton Gables Co., Menlo Park.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
Contractor—Walter B. Snook, 173 Eldorado St., Monterey.
Roofing—Walter B. Snook, 173 Eldorado St., Monterey.
Plumbing—Brand & Co., 650 Jefferson Ave., Redwood City.
Electric Wiring—United Electric Co., Menlo Park.
Heating & Sheet Metal—Jost & Garcia, 448 California Ave., Palo Alto.
Tile Work—C. L. Frost, 165 Webster St., Monterey.
Foundations—John W. Morey, Menlo Park.
Lumber — Merner Lumber Co., 795 State Highway, Palo Alto.
Mill Work—Davis Lumber Co., 820 3rd St., Davis.
Hardware—San Jose Hardware Co., 62 W. San Fernando St., San Jose.

Sub Contracts Awarded
RESIDENCE Cost, $7,500
SAN MATEO, Calif. Lot 9, Blk. 14, Castillian Way.
Two-story frame and stucco residence.
Owner—James Sparks.
Architect—Not Given.
Contractor—Roy Allen, 103 Castillian Way, San Mateo.
Plumbing—Frank McGuire, 115 So. Claremont Ave., San Mateo.
Electric Wiring—A. A. Pudsey, 217 Mastick Ave., San Bruno.
Heating & Sheet Metal—Ed. Steger, San Mateo.
Tile Work—R. A. Hoghton, Rt. 2, Box 102-G, Redwood City.
Glass—Bank Bros., 225 Baldwin St., San Mateo.
Hardwood Floors—W. C. Haller, 920 Oak Grove, Burlingame.
Brick & Stone Work—L. S. Myer, 203 East Ave., San Bruno.
Grading—L. C. Smith, 235 3rd Ave., San Mateo.
Hardware & Lumber—Wisnom Hardware Co., 1405 Burlingame Ave., Burlingame.
Mill Work—Nelson & Shirkey, 204 E. Lane, Burlingame.

Sub Contracts Awarded
SORORITY HOUSE Cost, $46,269
BERKELEY, Alameda Co., Calif. Warring St., S Channing Way.
Two-story frame and stucco sorority house.
Owner—Sigma Kappa Sorority.
Architect—W. H. Ratcliff, American Trust Bldg., Berkeley.
Contractor — Walter Sorensen, 2940 Piedmont Ave., Oakland.
Roofing—Guy Tyler & Sons, 1502 Cedar St., Berkeley.
Heating—Aladdin Heating Co., 5107 Broadway, Oakland.
Sheet Metal—J. C. Owens, 1616 Carlton Ave., Berkeley.
Tile Work—Brockhurst Tile Co., 2819 Shattuck Ave., Berkeley.
Hardwood Floors — Rex Floor Co., 2468 65th Ave., Oakland.
Iron Grille Work—Art Ornamental Iron, Berkeley.
Grading—Ariss-Knapp, 861 41st St., Oakland
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley.
Mill Work—Sheehan-Ballard, 9th & Parker Sts., Berkeley.
Foundations—J. W. Johnson, Berkeley.
Painting — Lindahl & Hurtig, 1536 Edith St., Berkeley.
Lathing & Plastering—Farrar Bros., 237 17th St., San Bernardino.

Contract Awarded
RESIDENCE Cost, $16,000
PIEDMONT, Alameda Co., Calif. 135 Requa Road.
Two-story frame and stucco residence; garage.
Owner—Mrs. A. A. Ricker, Bellevue Staten Apts., Piedmont.
Architect—Newsom Bros., 1226 Russ Bldg., San Francisco.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $6,500
PIEDMONT, Alameda Co., Calif. 80 Woodland Way.
Two-story frame and stucco residence (6 rooms); garage.
Owner—Guy E. Needham, Grand & Oakland Aves.
Architect—E. L. Snyder, 2104 Addison St., Berkeley.
Contractor—T. D. Courtright, 349 51st St., Oakland.

Bid Opening Date Postponed To November 25, 12 Noon
RESIDENCE Cost, $5,200
SAN FRANCISCO, Calif.
One-story and basement wood frame residence (5 rooms), concrete garage; paving tile steps, stucco front with cast stone trim, asphalt roof with tile trim, oak floors, tile bath and kitchen, warm air gas furnace, hot water heater; fireplace, etc.
Owner—Jules A. Zimmerlin.
Plans by L. O. Berg, 369 Mills Bldg. Opening date postponed from November 21.

Owner Taking Sub Bids
RESIDENCE Cost, $.....
SAN RAFAEL, Marin Co., Calif.
Two-story and basement frame and stucco residence (8 rooms and 3 baths), split shake roof, oil burning heating system, wood sash, hardwood floors, tile floors in baths, papered walls, etc.
Owner—Dr. James Wetmore, 727 4th St., San Rafael.
Architect—Harold Stoner, 41 Sutter St., San Francisco.

Owner Taking Sub Bids
RESIDENCES Cost, $..... ea.
MENLO PARK, San Mateo Co., Cal.
Two one-story frame and stucco residences (6 rooms, 2 baths ea.), wood shingle roof, hardwood flrs., tile baths, etc.
Owner—N. T. Nowell, Menlo Park.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

Bids In—Held Under Advisement
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. Stanford University Campus.
Two - story frame and stucco residence (7 rooms and 2 baths), shingle roof, gas heating system, garage.
Owner—Raymon Dyler, Palo Alto.
Architect—C. K. Sumner, Deckeroak Bldg., Palo Alto.

Contract Awarded
RESIDENCE Cost, $.....
PIEDMONT, Alameda Co., Calif.
Two-story frame and stucco residence (7 rooms, 3 baths), hardwood floors, plaster walls and ceilings, tile bath, etc.
Owner—Brooks Walker.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—E. Tranmal, 483 Crescent St., Oakland.

Contract Awarded
RESIDENCE Cost, $9,023
SANTA CLARA, 710 Alvarado Row, Stanford University.
Residence.
Owner—Arthur M. Cathcart, Stanford University.
Architect—Henry C. Collins, Decker Oak Bldg., Palo Alto.
Contractor—George B. Moore, 531 Stanford Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $11,695
SAN MATEO, Calif. Lot 9, Blk. 12, Baywood Tract.
Two-story frame and stucco residence.
Owner—Arthur G. Zeitschel, San Mateo.
Architect—Theodore O. Ruegg, 251 Kearny St., San Francisco.
Contractor—Lengfeld & Olund, Ltd., 220 3rd Ave., San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $9,500
ALAMEDA, Calif. 2935 Southwood Drive.
Two-story frame and stucco residence (7 rooms).
Owner & Builder—Frank Dietz.
Architect — Angelo Hewetson, 1100 Versailles Ave., Alameda.

Contract Awarded
RESIDENCE Cost, $9,500
OAKLAND, Alameda Co., Calif. 5950 Chelton Drive.
Two-story frame and stucco residence (8 rooms).
Owner—C. F. Reinlein.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—H. T. Caskey, 4215 Carson St., Oakland.

Preparing Plans
RESIDENCES Cost, $6,000 ea.
SAN FRANCISCO, Calif. Richmond District.
Two one-story frame and stucco residences (5 rooms each); hot air heating system, slate roof, hardwood floors, tile bath, etc.
Owner—Withheld.
Architect—A. H. Larsen, 333 Kearny Street.

Plans Being Figured—Bids Close November 23.
RESIDENCE Cost, $——
SAN JOSE, Santa Clara Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) shingle roof, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Baschrodt.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Bids will be received from the following selected list of contractors:
Guy M. Latta, 157 Rhodes Court.
George Honore, 136 Race Street.
N. J. Nielsen, 1270 Iris Court.
Bert Ward, 1139 Lincoln Avenue.
Wm. Caldwell, 124 1Hedding St.
Wm. H. Schwartz, 521 S. 8th St.
E. O. Erbentraut, 82 Hollywood Avenue.
All of San Jose.

Bids In—Held Under Advisement.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
One-story Cape Cod residence (seven rooms, two baths) wood shake roof, gas hot air heating system, wood sash, hardwood floors, colored tile baths, colored fixtures, wood exterior, etc.
Owner—Withheld.
Architect—S. A. Colton, 544 Market St., San Francisco.
Announcement to be made shortly.

Contract Awarded
RESIDENCE Cost, $6,500
SAN FRANCISCO. Marina Blvd. and Beach Street.
Two - story and basement frame and stucco residence.
Owner—Anza Home Bldg. Co., 321 Kearny Street.
Architect—William F. Gunnison, 1666 Golden Gate Avenue.
Contractor—Oliver M. Rousseau, 321 Kearny Street.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
MILLBRAE, San Mateo Co., Calif.
One - story frame and stucco residence (six rooms), shake roof, hardwood floors, tile bath, garage.
Owner—J. M. Johnson, 1215 Castro Street.
Architect—A. H. Larsen, 333 Kearny St., San Francisco.

Contract Awarded
RESIDENCE Cost, $.....
PIEDMONT, Alameda Co., Calif. St. James Woods.
Residence.
Owner—Mr. Wallace.
Architect — Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Olaf Petersen, 3626 Rhoda Ave., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 ea.
SAN FRANCISCO, Calif. E. 26th Ave., N Rivera St.
Six one-story frame and stucco residences.
Owner & Builder—Standard Building Co., 1500 Judah St.
Architect—Not Given.

Sub Contracts Awarded
RESIDENCE Cost, $8,000
BERKELEY, Calif. 744 Spruce St.
Two-story frame and stucco residence (7 rooms).
Owner—Phillip Johnson, 505 Kenwood Way, San Francisco.
Architect—George Rushforth, 21 San Mateo Road, Berkeley.
Contractor—E. M. Sorenson, 1907 Parker St., Berkeley.
Roofing—Guy Tyler, 1502 Cedar St., Berkeley.
Plumbing — Suenderman Plumbing Co., 921 University Ave., Berkeley.
Electric Wiring—Geo. Hansen, Berkeley.
Heating—Aarvaks Heating Co., 2313 Valley St., Berkeley.
Glass—Fuller Glass Co., 2037 Shattuck Ave., Berkeley.
Brick & Stone Work—J. Lord, 1512 Grove St., Berkeley.
Grading—J. Moore, Berkeley.
Foundations & Concrete—A. A. Johnson & Son, Berkeley.
Lumber—Melrose Lumber Co., 1201 46th Ave., Oakland.
Lathing & Plastering—Box 250, Dorris, Calif.

101 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $8,500
SAN MATEO, San Mateo Co., Calif. NW Avilla and El Camino Real.
Two-story two-family frame and stucco residence.
Owner—H. K. Loughlin.
Architect—Mark Daniels, 101 Post St., San Francisco.
Contractor—Home Bldg. Service Co.,

Contract Awarded
RESIDENCES Cost, $4,050 ea.
SAN FRANCISCO, Calif. W. Alemany, S Santa Rosa St.
Four one-story and basement frame and stucco residences.
Owner—The McCarthy Co., 333 Kearny Street.
Architect—Not Given.
Contractor—Aetna Construction Co., 1730 24th Ave.

To Be Done By Day's Work
RESIDENCE Cost, $14,000
ATHERTON, San Mateo Co., Calif.
Two-story gravelite concrete modernistic residence (concrete slab deck roof; tile floor downstairs, linoleum floors upstairs; two tile baths).
Owner & Builder—Home Building Service Co., 101 Post St., San Francisco.
Architect—Mark Daniels, 101 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $4,500
SAN FRANCISCO, Calif. 33rd Ave. and Taraval St.
One-story frame and basement residence.
Owner—Bert Anderson, 1177 De Haro Street.
Architect—John J. Ahnden, 822 39th Ave.
Contractor—E. A. Anderson, 1177 De Haro St.

Contract Awarded
RESIDENCE Cost, $5,250
SAN FRANCISCO, SW Alabama & 25th Ave.
One-story frame and stucco residence.
Owner—Tony Formosa, 1333 Alabama Street.
Architect—H. C. Baumann, 351 Kearny Street.
Contractor—A. R. Larson, 4020 24th Street.

Contract Awarded
ALTERATIONS Cost, $13,000
ALAMEDA, Calif. 891 Union St.
Alterations to residence.
Owner—Effie Johnson, 2235 Washington St., Alameda.
Architect—Douglas D. Stone, 110 Sutter St., San Francisco.
Contractor—W. K. Van Bokkelen, 439 23rd St., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $8,500
BURLINGAME, San Mateo Co., Cal. Nevada St.
Two-story frame and stucco residence.
Owner & Builder—G. W. Williams, 315 Primrose Road, Burlingame.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Cal. Edinburgh and Fordham.
Two-story frame and stucco residence.
Owner & Builder—Gordon Hess, 1446 Burlingame Ave., Burlingame.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
BURLINGAME, San Mateo Co., Cal. 23rd Ave.
One-story frame and stucco residence.
Owner & Builder—Charles L. Wilber, 7 Tenth Ave., San Mateo.
Architect—Not Given.

Plans Being Completed
RESIDENCE Cost, $7,000
ATHERTON, San Mateo Co., Calif.
Uni-built steel residence (steel sash; steel and concrete construction throughout).
Owner & Builder—Home Building Service Co., 101 Post St., San Francisco.
Architect—Mark Daniels, 101 Post St., San Francisco.

Plans Being Completed
RESIDENCE Cost, $20,000
SAN FRANCISCO. Sea Cliff.
Two - story and basement frame and stucco residence (11 rooms and 4 baths) tile baths, shingle tile terra cotta roof, hardwood and tile floors.
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Boulevard.
Working drawings will be started this week.

Plans Being Revised
SAN FRANCISCO. Chestnut St. E Grant Avenue.
Two - story frame and stucco residence (6 rooms, 2 baths) composition roof, hot air gas furnace, hardwood floors, tile baths.
Owner—Stanton D. Williard.
Architect—Stanton D. Williard, 660 Market Street.
Announcement to be made shortly.

Contract Awarded
RESIDENCE Cost, $6,000
NORTH PALO ALTO, Santa Clara Co., Calif.
New residence.
Owner—Margaret Laswell.
Architect—Mark Daniels, 101 Post St., San Francisco.
Contractor—Home Building Service Co., 101 Post St., San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $16,000
BURLINGAME, San Mateo Co., Cal. Lot 9, Hussez Tract, West Bellevue.
Two - story frame and stucco residence.
Owner and Builder—Suburban Builders, Inc., 1464 Burlingame Ave., Burlingame.
Architect—Chester Triechel, 696 Cleveland St., Oakland.
Plumbing—Frank J. Regan, 245 California Drive, Burlingame.
Electric Wiring—Mausser Elec. Co., 260 Lorton Ave., Burlingame.
Heating—B. B. Stern & Co., 241 Park Road, Burlingame.
Sheet Metal—Fred Hieniger, Burlingame.
Tile Work—Benetti Tile Co., 906 N. Humboldt St., San Mateo.
Grading—L. C. Smith, 235 3rd Ave., San Mateo.
Lumber—Atlas Lumber Co., 2701 S. El Camino Real, San Mateo.
Painting—Wm. Steele, 1569 Newlands Ave., Burlingame.

Plans Being Revised
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Rockwell (Brauer Tract).
Two - story frame and stucco residence (7 rooms and 3 baths) tile

roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Guttman.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.

Sub Contracts Awarded
STORE BLDG. Cont. Pr., $6,295
WILLOW GLEN, Santa Clara Co., Calif.
One-story reinf. concrete and brick store building.
Owner—S. Gillwell.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Contractor—E. O. Erbentraut, 82 Hollywood Ave., San Jose.
Roofing—Fred Hayden, 369 Stockton Ave., San Jose.
Plumbing & Sheet Metal—Mark Cox, 1091 Carolyn Ave.
Electric—Rosendin Motor Works, 78 Rose St.
Tile Work—Thos. H. Price Co., 90 Vine St.
Glass—Cobbledick-Kibbee Glass Co., W. Santa Clara St.
Iron Work—R. Hilburg Iron Works, Vine St.
Brick & Stone Work—F. Fiben.
Lumber—Merner Lumber Co., 817 Alameda.
Mill Work—Pacific Mfg. Co., Santa Clara.
Hardware—S. J. Hardware Co., San Jose.
Painting—Bud Gallichotte, 123 South Third St.
Lathing & Plastering—Victor Plummer, 325 N. 18th St.
Concrete—Borcher Bros., N. 1st St. All of San Jose.

Construction Postponed
RESIDENCE Cost, $10,000
TAHOE CITY, Placer Co., Calif.
Two-story rustic residence (8 rooms, 4 baths), shake roof, electric heating system, wood sash, etc.
Owner—Lester Roth.
Architect — S. Chas. Lee, 25 Taylor St., San Francisco.
Construction has been postponed until next spring.

Owner Taking Sub Bids
RESIDENCE Cost, $3,500
HAYWARD, Alameda Co., Calif.
One-story frame and rustic residence (4 rooms, bath), hardwood floors in living room, linoleum bath, floor furnace, plaster walls and ceilings, wood sash.
Owner—Miss Jacobus, care Bank of America (Main Branch).
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 5581 La Puerta Avenue.
One - story frame and stucco residence (five rooms).
Owner—Wilart Realty Company, 1723 Franklin St., Oakland.
Architect—E. M. Sharpe, 111 Suter St., Oakland.
Contractor—White and Pollard, 1723 Franklin St., Oakland.

Contract Awarded
RESIDENCE Contract Price, $11,718
SALINAS, Monterey Co., Calif.
One - story frame and stucco residence (10 rooms, 2 baths) shake roof, oak floors, oil burning heating system; tile baths, etc.
Owner—Mr. and Mrs. Chris. Sanoe.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Contractor—Herbert P. Kimzey, 38 Romie Lane, Salinas.
Only other bid received was submitted by O. M. Hansen, Salinas, at $12,314.

Plans Being Completed
RESIDENCE Cost, $20,000
ROSS, Marin Co., Calif. Del Mesa Tract.
Two - story and basement frame and stucco residence (3 baths) tile roof, steel sash, hardwood floors tile baths, oil heat.
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Working drawings will be started this week.

Contract Awarded
RESIDENCES Cost, $4,000 each
CHICO, Butte Co., Calif. Citrus Ave. between 1st and 2nd Avenues.
Seven one-story frame and stucco residences (5 rooms each) rustic & shingle exteriors; tiled kitchens and bath rooms; hardwood floors, etc.
Owner—Mary M. Gay, Chico.
Architect—Not Given.
Contractor—Carl Carlson, Santa Clara Ave., Chico.

Contract Awarded
RESIDENCE Cost, $4,000
SANTA ROSA.
One-story and basement frame and stucco residence (5 rooms), shingle roof, wood siding.
Owner—Mr. Huston.
Architect — John Easterly, Healdsburg and Santa Rosa.
Contractor—John Wright, Santa Rosa, Calif.

Plans Being Revised—Contract Awarded
RESIDENCE Cost, $.....
BERKELEY, Alameda Co., Calif.
One-story frame residence, studio type (Redwood siding, hardwood floors, shingle roof, gas floor furnace, tile baths, etc.).
Owner—Mr. Medcraft, 2330 Larkin St., San Francisco.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Contractor—Tait & Sullivan, 883 Market St., San Francisco.

15— SCHOOLS

Contract Awarded
SCHOOL ADDITION
Contract Price, $13,450
KERN CO., Cal. Four miles south of Shafter.
One - story reinforced concrete addition to school (2 classrooms) tile roof, wood sash, hardwood floors pine trim, two gas floor furnaces.
Owner—Rio Bravo School District.
Architect—Perrine & Mackie, 333 T. W. Patterson Bldg., Fresno.
Contractor—R. Hodgson & Sons, 510 Second St., Porterville.
Complete bids follow:
R. Hodgson & Sons, Porterville $13,450
L. H. Hansen & Son, Fresno.... 13,529
R. W. Brown Const. Co., Madera 13,763
A. J. Hendricks, Bakersfield.... 13,875
Williams & Greenough, Fresno 15,270

BONDS VOTED
SCHOOL Cost, $109,000
FRUITRIDGE, Sacramento Co., Cal.
Two-story frame elementary school (12 classrooms, large assembly hall).
Owner—Fruitridge School District.
Architect—Charles Dean, Calif. State Life Bldg., Sacramento.
A bond issue of $60,000 was approved at a special election November 16. Application has been filed with the PWA for a grant of $49,000.

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Calif. —Sam Fingerhut, 1818 M St., Bakersfield, at $3,127, awarded contract by the Bakersfield School District for installation of electrical work in the Washington and Williams Schools.
Complete bids follow:
Sam Fingerhut—(1) Emerson School, $2,145; (2) Washington School, $1,371; (3) Williams School, $967; (4) Lowell School, $982.
W. T. Drury—(1) $2,290; (4) $1,280.
Louis Bauer—(1) $2,800.
Advance Electric—(3) $930.
Plans were prepared by the office of Architect Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.

CONTRACTS AWARDED
OILDALE, Kern Co., Calif.—Bids for furnishing and installing opera chairs, carpets, stage equipment, scenery and drapes, sound equipment, and projection equipment were opened by the Standard School District, Oildale, and contracts awarded as follows:
CARPETS: Minner's Furniture Store, $2,435.23.
OPERA CHAIRS: American Seating Co., $7,178.76.
STAGE EQUIPMENT, SCENERY & DRAPES: Los Angeles Scenic Studios, $4,792.75.
Complete bids follow:

Carpets	
Minner's Furniture Store	$2,435.23
Opera Chairs	
American Seating Co.	7,178.76
School Equipment Co.	6,764.50
Ideal Seating Co.	6,831.00
Gruwell-Wilcox Co.	6,959.55
Heywood-Wakefield Co.	7,980.00
Stage Equipment, Scenery & Drapes	
Los Angeles Scenic Studios	4,792.75
R. L. Grosh & Son Scenic Studios	4,616.46
School Equipment Co.	4,865.00
General Seating Co.	5,482.75
Sound Equipment	
Electric Research Products, Inc.	2,783.00
General Seating Co.	4,806.25
Projection Equipment	
National Theatre Supply Co. (equipment only)	3,747.40
Ideal Seating Co.	6,000.00

Bids on sound equipment and projection equipment are being held under advisement.
Charles Biggar, Haberfelde Bldg., Bakersfield, architect.

Completing Working Drawings
GYMNASIUM Cost, $125,000
WATSONVILLE, Santa Cruz Co., Calif.
One-story reinforced concrete gym. (to house manual training shop, music room, boys' and girls' shower and dressing rooms, locker and practice rooms, etc.
Owner—Watsonville City School District.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.
Plans will be forwarded to State Division of Architecture, Sacramento, for approval shortly.

Bids Wanted — To Close November 23, 8 P. M.
SCHOOL Cost, $15,000
TALMAGE, Mendocino Co., Calif.
New school building.
Owner — River Union Elementary School District.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
PWA approved grant of $3,375.

Bids Wanted — To Close November 24, 7 P. M.
TEMPORARY CLASSROOMS
Cost, $.....
TAFT, Kern Co., Calif.
Wrecking of north and south wings of high school and construction of ten tent classrooms.
Owner—Taft Union High School District.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.
Specifications available at the office of H. O. Elliott, Superintendent of Building and Grounds, Taft Union High School.

Plans Completed
HIGH SCHOOL Cost, $115,000
AVENAL, Kings Co., Calif. Head of Seventh Street.
New high school bldg. (frame construction) administration building, gymnasium and machine shops.
Owner—Lemoore Union High School District.
Architect—W. H. & Harold H. Weeks 593 Market St., San Francisco.
School board has approved plans and they have been forwarded to the State Division of Architecture, Sacramento.

General Contract Awarded
SCHOOL Cont. Price, $310,366
PALO ALTO, Santa Clara Co., Calif. Middlefield Road and California Avenue.
Two-story reinforced concrete David Starr Jordan Junior High School to accommodate 1,000; administration office, 27 classrooms, boys and girls gymnasium, auditorium to seat 1000; cafeteria to accommodate 600 and library.
Owner—Palo Alto School District.
Architect—Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Contractor — Carl N. Swenson, 355 Stockton Ave., San Jose.
Contract awarded on a basic bid of $323,700 for the work complete with deductions allowed for omission of cooking and sewing rooms (Item 2, $8,541) and for omission of Shop H-1 (Item 3, $4,793).
Bids on segregated contracts for flooring, blackboards, etc., are being held under advisement.

Plans Completed
GYMNASIUM Cost, $20,000
OAKDALE, Stanislaus Co., Calif.
One-story stucco gymnasium; shower and locker rooms.
Owner—Oakdale School District.
Architect—W. H. & Harold Weeks, 593 Market St., San Francisco.
Plans have been approved by the school board and have been forwarded to State Division of Architecture, Sacramento, for approval.

Plans Completed
SCHOOL Cost, $15,000
MENDOCINO CITY, Mendocino Co.
One-story frame and rustic grammar school.
Owner—Mendocino City Grammar School District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Application has been made to the PWA for grant of $8,000 to assist in financing.

Bids Opened
SCHOOL Cost, $16,350
ORANGEVALE, Sacramento Co.
One-story frame and stucco school (four classrooms).
Owner—Orangevale School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Low Bidder — Lawrence Const. Co., 5372 Ninth Ave., Sacramento.
Bids were taken as follows:
(I) Building complete.
(Alt. a) If universal windows are installed for the complete building, add.
(Alt. b) Add if universal windows are installed for the complete building, but without Classroom No. 2.
(Alt. 2) Add if the toilet room wing is erected complete;
(Alt. 3) Add if Classroom 2 is added complete;
(Alt. 4a) Add if the painting is done for the complete building.
(Alt. 4b) Add if the painting is done for the complete building but without Classroom No. 2.
(Alt. 4c) Add if the painting is done for the complete building but without Classroom No. 2 and the toilet room.
(Alt. 5a) Odd if all screens are installed for the complete building.
(Alt. 5b) Add if all screens are installed for the complete building but without Classroom No. 2.
(Alt. 5c) Add if all screens are installed for the complete building but without Classroom No. 2 and toilet room.
(Alt. 6a) Add if all venetian blinds and shades are installed for the complete building.
(Alt. 6b) Add if all venetian blinds and shades are installed for the complete building but without Classroom No. 2.
(Alt. 7a) Add if insulation of classroom ceilings is furnished and installed for the complete buildings.
(Alt. 7b) Add if insulation of classroom ceilings is furnished and installed for the complete building but without Classroom No. 2.
Complete bids follow:

Lawrence Const. Co., Sacramento	(1)	$16,233.00
	(1a)	106.00
	(1b)	45.00
	(2)	2,748.00
	(3)	3,227.00
	(4a)	1,240.00
	(4b)	1,044.00
	(4c)	924.00
	(5a)	249.00
	(5b)	180.00
	(5c)	160.00
	(6a)	224.00
	(6b)	124.00
	(7a)	124.00
	(7b)	93.00
F. H. Betz, Sacto.	(1)	$19,158.00
	(1a)	367.00
	(1b)	300.00
	(2)	3,223.00
	(3)	3,434.00
	(4a)	958.00
	(4b)	858.00
	(4c)	758.00
	(5a)	350.00
	(5b)	300.00
	(5c)	295.00
	(6a)	204.00
	(6b)	118.00
	(7a)	178.00
	(7b)	136.00
H. W. Robertson, Sacramento	(1)	$19,531.00
	(1a)	395.00
	(1b)	322.00
	(2)	3,185.00
	(3)	4,200.00
	(4a)	945.00
	(4b)	845.00
	(4c)	745.00
	(5a)	270.00
	(5b)	212.00
	(5c)	204.00
	(6a)	273.00
	(6b)	200.00
	(7a)	216.00
	(7b)	174.00
Peterson & Steinbrenner, Sacramento	(1)	$20,934.00
	(1a)	320.85
	(1b)	255.85
	(2)	3,436.00
	(3)	4,393.00
	(4a)	347.00
	(4b)	322.00
	(4c)	280.00
	(5a)	251.00
	(5b)	208.00
	(5c)	200.00
	(6a)	273.45
	(6b)	223.45
	(7a)	166.00
	(7b)	124.00

The PWA has recently approved a grant of $7,380 to assist in financing the project.

Contract Awarded
ADDITION Cont. Pr., $19,000
GREENFIELD, Monterey Co., Calif.
One-story frame and stucco addition to high school (four classrooms), wood shingle roof, maple floors; no heating or plumbing.
Owner—Greenfield Union High Sch. District (I. G. Giacomazzi, Clerk of the Board of Trustees).
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kelberg, 320 Market St., San Francisco.
Contractor — Thomas P. Sechrest, King City.
Construction commenced this week.

BIDS OPENED
ADDITION Cost, $.....
KERN CO., Calif.
One-room addition to Mountain View school building.
Owner—Mountain View School District.
Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.
Low Bidder—Henry Eissler, 2229 18th St., Bakersfield.
Complete bids follow:
Henry Eissler, Bakersfield.....$4,900
F. A. Greenough, Bakersfield.... 6,094

Award Approved
ADDITION Contract Price, $65,979
LEMOORE, Kings Co., Calif. Lincoln and Bush Streets.
One - story frame addition to Washington Elementary School (tile roof, add ten classrooms, etc.)
Owner—Lemoore Elementary School District.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Contractor—Brown Const. Co., 118 S. Kay St., Madera.
Award of the contract has been approved by the PWA.

Preliminary Plans Approved
AUDITORIUM Cost, $110,000
KING CITY, Monterey Co., Calif.
New High School Auditorium (to seat 1000).
Owner—King City High School District.
Architect—Robert Stanton, Hotel Del Monte, Del Monte.
Application will be filed with the PWA in about one week for a grant of 45%.

Plans Being Figured — Bids Close November 27, 8 P. M.
SCHOOL Cost, $22,222
SANTA RITA, Monterey Co., Calif.
One-story frame and stucco school building (two classrooms and auditorium), concrete foundation; composition roofing; standard plumbing and electrical work.
Owner—Santa Rita School District.
Architect — C. C. Ryland, Monterey and Carmel.
A grant of $10,000 was recently approved by the PWA.
Plans and specifications obtainable from the office of the Board of Trustees, Santa Rita School Bldg. (Town of New Republic) upon deposit of $20.00.

Completing Preliminary Plans
SCHOOL Cost, $10,000
UPPER LAKE, Lake Co., Calif.
One-story frame grammar school bldg. (2 classrooms; library).
Owner—Upper Lake School District.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Application will be made to PWA for $4,500 grant to assist in financing.

CONTRACT AWARDED
LOS ANGELES, Calif.—H. B. Nicholson, 438 Chamber of Commerce Bldg., awarded contract by Los Angeles board of education, at $69,676 (accepting Bid No. 2), for reconstruction, rehabilitation and strengthening of main building at Raymond Avenue school, 7511 Raymond Ave. Harold S. Johnson, architect; and Holmes & Narver, structural engineers.

Preparing Preliminary Plans
SCHOOL Cost, $.....
EL CERRITO, Contra Costa Co., Calif.
New Junior High School.
Owner — Richmond Union High School District (Walter T. Helms, Supt. of Schools), Richmond.
Architect—Dragon & Schmidts, 3016 Telegraph Ave., Berkeley.

Contract Awarded
AUDITORIUM Cont. Pr., $19,576
SAN PABLO, Contra Costa Co., Cal.
One-story frame and stucco school auditorium (to seat 350).
Owner—San Pablo School District.
Architect — Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor—J. E. Branagh, 116 Monticello Ave., Piedmont.
PWA approved grant to assist in financing.
Contract price includes following alternate additions:
(a) Rough in steam work;
(b) Install electric work;
(c) Finish walls of main auditorium rooms;
(d) Finish lobby.
Complete bids published Oct. 20.

Plans Awaiting PWA Approval
ALTERATIONS Cost, $9,500
ARDEN, Sacramento Co., Calif.
Alterations to classrooms and new steam heating system.
Owner—Arden Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
A grant of $4,072 has been approved by the PWA.
Bids will be asked as soon as the plans are approved by the PWA.

Plans Completed
ELEMENTARY SCHOOL $170,000
WATSONVILLE, Santa Cruz County
One-story frame and steel elementary school building, 190x205-ft. (13 classrooms, administration office, auditorium to seat 500, stage, manual training shops, gymnasium, band room, etc.) terra cotta, tile and composition roofing, maple floors, natural gas individual unit heaters, wood and steel sash.
Owner—Watsonville City School District (T. S. MacQuiddy, Supt. of City Schools).
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
A grant of $71,290 has been approved by the PWA.
Plans will be forwarded to the State Division of Architecture, Sacramento, for approval.

Additional Sub-Contracts Awarded
SCHOOL BLDG. Cost, $525,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Three-story steel frame and reinforced concrete School of Education (33 offices, 4 library rooms, 7 classrooms, 12 working rooms, 3 laboratories, 7 cubicles, 2 research rooms, 23 special small rooms) auditorium to seat 500.
Owner—Stanford University.
Architect—Bakewell and Weihe, and Arthur Brown, Jr., associate architects, 251 Kearny Street, San Francisco.
Contractor—Geo. Wagner, 181 South Park, San Francisco.
Marble—Eisele and Dondero Marble Co., 2985 Third St., San Francisco.
Gunite—J. H. Mohr, Inc., 960 Seventh St., San Francisco.
Rock—Rhodes and Robinson, Quarry Page Mill Road, Palo Alto.
Sand—Urban Bros., 96 Homer Ave., Palo Alto.
Roofing — Reaves Roofing Co., 280 California St., Palo Alto.
Sheet Metal—Fire Protection Co., 369 Pine St., San Francisco.
Mill—Pacific Mfg. Co., Santa Clara.
Miscellaneous Iron—Rincon Ornamental Iron Works, 1315 Natoma St., San Francisco.
Metal Partitions—Price Building Specialties Co., 35 Stillman St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
As previously reported: heating & plumbing awarded to J. H. Pinkerton 927 Howard St., San Francisco; electric to Roy M. Butcher, 1020 San Jose Ave., San Jose.

Contract Awarded
GYM & POOL Cont. Price, $179,881
DALY CITY, San Mateo Co., Calif.
One - story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring) reinforced conc. swimming pool (40x75 feet).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Structural Engineer—L. H. Nishkian 525 Market tS., San Francisco.
Mechanical and Electrical Engineer—Robt. L. St. John, 544 Market St., San Francisco.
Contractor—Frank J. Reilly Co., 6350 Fulton St., San Francisco.
PWA has approved grant of $69,-545.

PREPARING PLANS
LINDSAY, Tulare Co., Calif.—Lindsay School District affirmed a $60,-000 bond issue, proceeds of which are to be used to finance part of the cost of a new one-story steel and concrete building to be erected at Lincoln junior high school site at Lindsay, a PWA project. Cost, $116,-000. A PWA grant in the sum of $52,200 has been authorized for the project. Architect H. L. Gogerty, Hollywood.

Plans Being Figured—Bids Close November 27, 8 P. M.
SCHOOL Cost, $22,222
SANTA RITA, Monterey Co., Calif.
One-story frame and stucco school building (two classrooms and auditorium) concrete foundation; composition roofing; standard plumbing and electrical work.
Owner—Santa Rita School District.
Architect — C. C. Ryland, Monterey and Carmel.
A grant of $10,000 was recently approved by the PWA.
Plans and specifications obtainable from the architect and from the office of the Board of Trustees, Santa Rita School Bldg. (town of New Republic) upon deposit of $20.00.

Plans Completed
ADDITION Cost, $12,000
BAKERSFIELD, Kern County, Cal. Fremont School.
Addition to Fremont School (2 classrooms).
Owner—Bakersfield Elementary Sch. District.
Architect—E. J. Symmes, Haberfelde Bldg., Bakersfield.
Plans have been approved by the school board.

Bids Wanted — To Close November 24, 10 A. M.
STORE BUILDING Cost, $.....
OAKLAND, Alameda Co. Oppenheimer Store Bldg., Foothill Blvd. and 73rd Ave.
New one-story steel and frame store building (77x70 ft.).
Owner—Arthur C. Oppenheimer, Alameda.
Architect—Kent & Hass, Underwood Bldg., San Francisco.
Following are figuring plans:
Jensen & Pedersen, 3443 Adelaine St., Oakland.
Kelly & Tulloch, 335 8th St., Oakland.
Moore & Roberts, 693 Mission St., San Francisco.

BIDS WANTED
LONG BEACH, Cal.—Until Nov. 25 4 P. M., bids will be received by the Long Beach board of education for construction of boys' and girls' reinforced concrete shower and locker buildings and steel frame practical arts building at the Franklin Junior High School. Plans and specifications may be obtained from the business manager of the board, 715 Locust Ave., Long Beach, upon deposit of $25. Architect George D. Riddle, Long Beach. Cost, $200,000.

16—BANKS, STORES AND OFFICES

Preparing Plans
ALTERATIONS & ADDITIONS Cost, $.....
UKIAH, Mendocino Co., Calif. Minetti Block.
Alterations and additions to J. C. Penney store.
Owner—A. Perelli-Minetti.
Lessee—J. C. Penney Co. (W. B. Cannon, Manager).

Being Done By Day's Work
STORE BUILDING Cost, $20,000
VISALIA, Tulare Co., Calif. Oak & Court Sts.
New reinforced concrete store bldg. (50x90 ft.).
Owner—Dr. J. E. Combs.
Architect—Not Given.
Lessee—Safeway Stores.

Preparing Plans
REHABILITATION Cost, $.....
PALO ALTO, Santa Clara Co., Calif. 174 University Ave.
Rehabilitation of E. C. Tholts Bldg.
Owner—Tholts Brothers.
Architect—Birge M. & David B. Clark, 310 University Ave.

Preparing Plans
ALTERATIONS Cost, $5,000
SAN FRANCISCO, Calif. Fillmore St., near Sacramento St.
Alterations to stores and flats.
Owner—Name Withheld.
Architect—Not Given.
Mgr. of Construction—Cyril Doane, 49 Rico Way.

Planned
MARKET Cost, $.....
EXETER, Tulare Co., Calif. Pine & C Strets.
One-story L-shaped stucco drive-in market building and warehouse.
Owner—L. A. Wheeler.
Lessee—Justesen Store.
Architect—Not Given.

Planned
ALTERATIONS Cost, $15,000
HANFORD, Kings Co., Calif. Douty and Seventh Sts.
Remodeling first floor and basement of Abrams Bldg. for furniture store (75x118 ft.).
Owner—N. Abrams Estate.
Lessee—Hanford Furniture Co. (Morris Levi, proprietor).
Architect—Not Given. 3

Sub Contracts Awarded
OFFICE BUILDING Cost, $9,000
LOS BANOS, Merced Co., Calif.
Rein. concrete office building; earthquake proof; air-conditioned; heating plant.
Owner—Coast Counties Gas & Electric Co.
Architect—Alben Froberg, 1955 Webster St., Oakland.
Roofing—Cross Lumber Co., S. P. Reservation, Merced.
Plumbing, Heating & Sheet Metal—R. Gardner, 6th St., Los Banos.
Electric Wiring—West Side Electric Co., P.O. Box 282, Los Banos.
Glass—Valley Glass Co., 702 S. San Joaquin St., Stockton.

Brick & Stone Work—Frank B. Hair, P.O. Box 264, Watsonville.
Lumber & Mill Work — Lumber & Supply Co., Los Banos.
Hardware—Sandell Hardware & Implement Co., Los Banos.
Painting—L. S. Ashley, Los Banos.
Plastering—J. A. Lawson, Los Banos.
(900) 1st report Oct. 29, 1936. 16

BIDS OPENED
MARKET Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. Ninth and S Streets.
One - story frame and stucco drive-in market building, cement slab on ground floor (90x115 ft.).
Owner—Herman T. Davis.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Low Bidder—Peterson & Steinbrenner, 1116 O St., Sacramento.
Complete bids follow:

Peterson & Steinbrenner	$20,305
H. W. Robertson	20,884
Chas. Unger	20,980
C. J. Hopkinson	21,300
Wm. Truesdale	21,600
Lawrence Constr. Co.	21,990
Lindgren & Swinerton	22,000

All bidders of Sacramento.

Bids Wanted — To Close November 25, 12 Noon
ALTERATIONS Cost, $.....
SAN FRANCISCO. Mason and Union Streets.
Alterations to four-story store and flat building.
Owner—Withheld.
Architect — Albert Schroepfer, 244 Kearny St.
Fred K. DuPuy, 110 Sutter St., is figuring plans and desires sub bids on all portions of the work.

Planned
ALTERATIONS Cost, $.....
SANTA ROSA, Sonoma Co., Calif. Fifth Street.
Alterations to Pershing Market (convert to drive-in market).
Owner—Emma Shea, Santa Rosa.
Lessee—L. G. Deffner, Prem.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Contract Awarded
ALTERATIONS Cost, $10,000
SAN FRANCISCO. 350 Post Street. Street.
Alter office building.
Owner—K. D. Winship Estate, 350 Post St.
Architect—Dodge A. Riedy, 821 Market St.
Contractor—Fred Schell, 666 Mission St.

Contract Awarded
STATION, OFFICE, ETC. $12,700
FRESNO, Calif. 1861 Broadway.
Station, office, garage and restroom.
Owner—A. F. Tildere.
Architect—Not Given.
Contractor—J. T. Cowan, 433 Roosevelt St., Fresno.

Completing Working Drawings
ALTERATIONS Cost, $25,000
MERCED, Merced Co., Calif.
Alterations and additions to bank building.
Owner—First National Bank, Merced.
Architect—H. H. Winner, Wordsworth Ave., Ross.
Bids to be asked in about one week.

Plans Being Completed
ALTERATIONS Cost, $25,000
EXETER, Tulare Co., Calif.
Alterations and additions to present building for new branch bank (new bank fixtures, heating, plumbing, ventilating, etc.).
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Construction Department of Owner.
Bids will be asked in about one week.

Contract Awarded
ALTERATIONS Cost, $7,944
SAN FRANCISCO. 844 Market St.
Alterations to store building.
Owner—Annex Realty Co., 844 Market Street.
Architect—Not Given.
Contractor—I. M. Sommer & Co., 709 Mission Street.

Contract Awarded
ALTERATIONS Cost, $.....
BIEBER, Lassen Co., Calif.
Alterations for branch bank (new bank fixtures, painting interior and exterior, etc.).
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Construction Department of Owner.
Contractor—L. & E. Emanuel, Inc., 2665 Jones St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $.....
FALL RIVER MILLS, Shasta Co., Calif.
Alterations for branch bank (new bank fixtures, painting, interior and exterior, etc.).
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Construction Department of Owner.
Contractor—L. & E. Emanuel, Inc., 2665 Jones St., San Francisco.

Additional Sub Contracts Awarded
BUILDING Cost, $2,000,000
SAN FRANCISCO, Calif. Tenth and Market Streets.
Seven-story reinforced concrete bldg. to house Western Furniture Exchange, with 11-story tower; 52,800 sq. ft. of floor space to each floor. (Approximately 200 tons of structural steel involved.)
Owner—Capital Company, 625 Market Street.
Plans by Construction Department of Owner.
Structural Engineer—L. H. Nishkian, 525 Market St.
Mechanical Engineer—Leland & Haley, 58 Sutter St.
Contractor — Cahill Bros., 206 Sansome St., San Francisco.
Architectural Terra Cotta & Setting—Gladding, McBean & Co., 660 Market St.
Elevators—Westinghouse Electric Elevator Co., 1 Montgomery St.
Structural Steel — Bethlehem Steel Co., 20th and Illinois Sts.
Reinf. Steel—Soule Steel Co., 1750 Army Street.
As previously reported:
Grading—Sibley Grading & Teaming Co., 165 Landers St., San Francisco.
Sub bids are now being received on the plumbing and heating from a selected list of contractors.

Sub Contracts Awarded
WAREHOUSE & OFFICES Cost, $200.000
SAN FRANCISCO. SW Beale and Folsom Streets.
Four-story and basement, mezzanine floor warehouse and office bldg. (137x170 ft.), one freight and one passenger elevator, steam heating system, etc.
Owner — Coffin-Redington Co., 401 Mission Street.
Architect—F. H. Meyer, Kohl Bldg.
Engineer—L. H. Nishkian, 525 Market Street.
Contractor—Cahill Brothers, 206 Sansome Street.
Elevators & Doors—Otis Elevator Co., 1 Beach St.
Plumbing—James H. Pinkerton Co., 927 Howard St.
Heating—J. A. Nelson, Inc., 1375 Howard St.
Sprinklers—Grinnell Co. of the Pacific, 5th and Brannan Sts.
Electric—Decker Electrical Construction Co., 538 Bryant St.
Miscellaneous & Ornamental Iron—Sartorious Co., 2530 18th St.
Scuppers—M. E. Hammond, 557 Market St.
Steel Windows—Concrete Engineering Co., 1280 Indiana St.
As previously reported:
Concrete—Golden Gate Atlas Materials Co., 16th and Harrison.
Lumber—J. H. McCallum, Bryant & Oak Grove Streets.
Reinforcing Steel—Truscon Steel Co., 604 Mission St.
Placing Reinforcing Steel—J. Philip Murphy, 3901 Mission St.
Grading—Sibley Grading & Teaming Co., 165 Landers St.

Preparing Preliminary Plans
OFFICE BLDG. Cost, $400,000
SAN FRANCISCO, Calif. Sansome St., bet. Pine and California.
Six-story Class A office building.
Owner — Insurance Co. of North America.
Architect—George W. Kelham, 315 Montgomery St.

To Ask Sub Bids Shortly
ALTERATIONS Cost, $20,200
BERKELEY, Alameda Co., Calif. Shattuck Square.
Alterations to store building.
Owner—Shattuck Imp. Co., 111 Sutter St., San Francisco.
Architect—Chas. McCall, Atco Bldg., Oakland.
Contractor—J. F. Tulloch, 335 8th St., Oakland.
Sub bids will be asked shortly on certain portions of the work.

Contract Awarded
OFFICE Cost, $7,000
OAKLAND, Alameda Co., Calif. 1734 Campbell Street.
One-story brick office.
Owner—Herrick Iron Works, 18th & Campbell Sts., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—E. T. Leiter & Son, 811 37th St., Oakland.

Contract Awarded
BANK Cost, $75,000
MODESTO, Stanislaus Co., Cal. "J" and 11th Streets.
New reinforced concrete bank bldg. (marble and bronze architrave).
Owner—American Trust Co., 464 California St., San Francisco.
Arcihtect—James W. Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—Lindgren and Swinerton, Inc., 619 H St., Sacramento.
Construction to start shortly.

Contract Awarded
STORE Cont. Pr., $34,000
SANTA CRUZ, Santa Cruz Co., Cal.
New store building (reinforced concrete construction).
Owner—Morris Abrams, Santa Cruz.
Architect — C. J. Ryland, Monterey and Carmel.
Contractor — Darrow Palmer, 254 Branciforte Ave., Santa Cruz.

Preparing Plans
ALTERATIONS Cost, $3,500
HEALDSBURG, Sonoma Co., Calif.
Alter store building.
Owner—Frank Gromo, Healdsburg.
Architect—John Easterly, Healdsburg and Santa Rosa.

Contract Awarded
EQUIPMENT BLDG. Cost, $60,000
FRESNO, Fresno Co., Calif. Calaveras and H Streets.
New 1-story concrete and steel bldg. to adjoin present building to house farm implements; warehouse, paint and steam cleaning plant, display rooms, etc., air conditioning system, etc.
Owner—Budd & Quinn, 1516 H St., Fresno.
Architect—Not Given.
Contractor—Fisher & McNulty, 327 Cory Bldg., Fresno.

Sub-Contracts Awarded
STORE Cost, $10,000
SAN FRANCISCO. SW Geary and Mason Streets.
Alterations to store building.
Owner—Mary Cryer, % Crocker 1st National Bank.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park.
Structural Steel—Judson-Pacific Co. 609 Mission Street.
Readymix Concrete—Bode Gravel Co. 235 Alabama Street.
Lumber—Loop Lumber Co., Central Basin.
Plumbing—J. H. Pinkerton Co., 927 Howard Street.
Electric—Superior Electric Co., 3110 Clay Street.
Roofing—Alta Roofing Co., 976 Indiana Street.
All of San Francisco.

To Ask Bids Shortly
STORE Cost, $.....
STOCKTON, San Joaquin Co., Calif. Pacific Avenue.
One-story reinforced concrete store building (4,000 sq. ft.).
Owner—N. Flor.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.
Bids will be asked within one week.

Contract Awarded
MARKET Cont. Pr., $8,427
SANTA ROSA, Sonoma Co., Calif. Mendocino Ave.
Modern Drive-in Market and Grocery (40x100 ft.).
Owner—Emma Shea, Santa Rosa.
Lessee—Cleaveland Bros., Santa Rosa, Calif.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor — Louis Halvorsen, 128 Dutton Ave., Santa Rosa.
Complete bids follow:
Louis Halvorsen, Santa Rosa....$8,427
Wm. D. Rapp, Santa Rosa..... 8,900
C. W. Hansen, Santa Rosa..... 9,775
A. M. Hildebrandt, Santa Rosa 10,642

Bids Wanted—To Close Nov. 23
ALTERATIONS Cost, $.....
SAN FRANCISCO, Calif. 2242 Polk Street.
Alterations to stores in Avondale apartments.
Owner—Withheld.
Architect — Angus McSweeney, 604 Mission St.
Fred K. DuPuy, 110 Sutter St., is figuring plans and desires sub bids on all portions of the work.

Contract Awarded
STORE & OFFICE BUILDING Cost, $17,000
MODESTO, Stanislaus Co., Calif.
One-story reinforced concrete store and office building.
Owner—Dr. F. C. Gould.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—Arnold Bros., 208 Elmwood Ave., Modesto.

17— THEATRES

Preparing Preliminary Plans
THEATRE Cost, $.....
SAN RAFAEL, Marin Co., Calif. S. Fourth St., bet. D and E Sts.
One-story and balcony reinforced concrete theatre building (to seat 1800), air conditioning system, acoustics, marquee, etc.
Owner — Blumenfeld Theatres Corp., 25 Taylor St., San Francisco.
Architect — S. Chas. Lee, 25 Taylor St., San Francisco and Los Angeles.

Preparing Preliminary Plans
THEATRE Cost, $.....
EUREKA, Humboldt Co., Calif.
New theatre building.
Owner—Redwood Theatres, Inc. (G. M. Mann, President), 25 Taylor St., San Francisco.
Architect—S. Chas. Lee, 25 Taylor St., San Francisco, and 1648 Wilshire Blvd., Los Angeles.

Sub Contracts Awarded
THEATRE Cont. Pr., $36,695
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120 feet), air-conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 321 Bush St., San Francisco.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.
Lumber, Cement & Concrete Aggregates—Diamond Match Co., Chico

Bid Opening Date Postponed To November 25, 1 P. M.
THEATRE Cost, $——
NAPA, Napa Co., Calif.
One-story Class C concrete theatre building to seat (1,300).
Owner—Realty Finance Corporation, 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 64 Pine St., San Francisco.

18— WHARVES & DOCKS

BIDS WANTED
RICHMOND, Contra Costa Co., Cal. —Until November 30, 8 p.m., as previously reported, bids will be received by the Richmond City Council, A. C. Faris, City Clerk, for the gunite of piles at Wharf No. 1. Estimated cost, $9,000.
Bids will be taken as follows:
(1) Removal of old and cracked concrete, cleaning steel, and replacing of same with cement gunite, per c.y. of cement gunite placed;
(2) Removal of old reinforcing steel, and replacing with new reinforcing steel and No. 3 black annealed wire, per lb. of reinforcing steel and black annealed wire placed;
(3) Galvanized welded wire fabric placed, per lb. of fabric.
Estimated quantities of work involved are:
(a) 1,141 sacks cement or 142.625 c.y. gunite;
(b) 149.6 lbs. ½-in. steel rods;
(c) 38 lbs. ⅜-in. steel rods;
(d) 190 lbs. No. 3 black annealed wire;
(e) 2,870 lbs. 2x2-in. x No.12xNo.12 welded wire fabric.
Plans and specifications obtainable from the office of City Engineer E. A. Hoffman, upon deposit of $5.

19—MISC. CONSTRUCTION

BIDS WANTED
YERBA BUENA SHOALS, Cal.—Until November 20, 3 P. M., bids will be received by the U. S. Enginer Office, Lieut. Col J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-72, for hauling out, painting and repairing the pontoon line of the U. S. Dredge Multnomah.
Prospective bidders may inspect the pontoon pipe line at the Fair site, Yerba Buena Shoals at any time during regular working hours.
There are 35 sections of floating dredge pipe 24-in. I.D., and 60 ft. length. The pontoons under 20 sections of pipe are 48½-in. o.d. and 20ft. long. The pontoons under the remaining 15 sections of pipe are 48½-in. o.d. and 28 ft. long. Each section of pipe is supported on two catamarans made up of two metal pontoons with connecting framework and superimposed platforms.
Specifications obtainable from the above office. 19

Additional Sub Contracts Awarded
RADIO STATION Cont. Pr., $15,000
SAN FRANCISCO. W. Bay View Pk.
One-story and basement reinforced concrete radio broadcasting building.
Owner — Hearst Radio, Inc., Hearst Building.
Architect—Miss Julia Morgan, Merchants' Exchange Bldg.
Engineer—W. L. Huber, First National Bank Bldg.
Contractor — F. C. Stolte Company, 3455 Laguna Ave., Oakland.
Electric—Buzzell Electric Works, 130 8th St., San Francisco.
Steel Sash—Truscon Steel Co., 604 Mission St.
Miscellaneous Iron—Michel & Pfeffer Iron Works, 10th and Harrison Sts.
As previously reported:
Radio Aerial — Bethlehem Steel Co., 20th and Illinois Sts.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Avenue.

Bids In—Under Advisement
STORAGE TANKS Cost, $.....
OAKLAND, Alameda Co., Cal. Outer Harbor Terminal.
Six 25,000-gal. capacity steel storage tanks and one 12,000-gal. brightening tank for lubricating oil storage.
Owner—General Petroleum Corp., 519 19th St., Oakland.
As previously reported, contract for fire walls and tank pads awarded F. C. Stolte, 3455 Laguna Avenue, Oakland.

Plans Being Prepared
LIVESTOCK BLDG. Cost, $250,000
PORTLAND, Oregon.
Livestock building and dairies; barns; 9-room keeper's home.
Owner—Pacific Northwestern Importers' & Breeders' Livestock Exchange.
Architect—J. W. DeYoung, 730 SW Salmon St.

Plans Being Figured—Bids Close Nov. 20, 4 P. M.
SWIMMING POOL Cost, $——
SACRAMENTO, Sacramento Co. Cal. William Land Park.
New outdoor plunge (60x120) small pool (30x40) outdoor buffet patio (110 ft. frontage) restaurant, two modernistic concrete and stucco buildings, sun decks; all encircled by 8-ft. concrete wall.
Owner—Riverside Baths(Frank Lauppe, president).
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Bids will be received from the following list of contractors:
Harry Robertson, 3004 F St.
Triangle Builders, Inc., 1230 J St.
Frank Maloney, 3172 T St.
Dan Tatti, 2116 O St.
Siiler Bros., 1616 13th St.
Arthur J. Fisher, 800 35th St.
Joe Saunders, 1045 45th St.
All of Sacramento.

Contracts Awarded
ALTERATIONS Cont. Price, $19,170
SAN FRANCISCO. Sixth Ave. and Geary Street.
Alterations to undertaking establishment.
Owner—Ashley & McMullen, Inc., 399 Sixth Avenue.
Architect—Johnson & Wethered. Sir Francis Drake Hotel.
Contractor—Peter Sartorio, 666 Mission Street.
Joseph C. Sand & Co., 262 Church St., at $5,675, awarded heating and plumbing contract; Vance Petersen, 161 Del Monte St., at $3,200 awarded lathing and plastering contract.

BIDS WANTED

SAN FRANCISCO.—The city-owned buildings located at 176-A, 176-B Dorland St., and at 174-182 Dorland St., will be sold at public auction on the property by Joseph J. Phillips, Director of Property, on December 1, 9:30 a.m.

CONTRACT AWARDED

ARCADIA, Los Angeles Co., Calif. —Lindgren & Swinerton, Standard Oil Bldg., Los Angeles, awarded contract for altering clubhouse at Santa Anita race course, Arcadia, for Los Angeles Turf Club. Cost, $15,000. Gordon B. Kaufmann, architect, Los Angeles.

CONTRACT AWARDED

LOS ANGELES. — Contracts for furnishing oil circuit breakers for the main pumping plants of the Colorado River Aqueduct, under Spec. No. 169, were awarded by the Metropolitan Water District, Los Angeles, Nov. 13th, as follows:

General Electric Co.—Four 230-kv, 1200-amp., 3-pole breakers, at $144,400, plus $4067 use tax.

Kelman Electric and Mfg. Co.—Sixteen 15,000-volt, 1200-amp., and nine 15,000-volt, 600-amp. 3-pole breakers, at $39,370.72.

Contract Awarded

ELEVATOR SYSTEM Cost, $.....

SAN FRANCISCO, Calif. Commercial Union Bldg., 315 Montgomery St.

Modernization of present elevator system.

Owner—Commercial Union Bldg. Co., 315 Montgomery St.

Architect—G. W. Kelham, 315 Montgomery St.

Contractor—Otis Elevator Co., No. 1 Beach St.

Plans Being Figured — Bids Close December 9, 10 A. M.

TOLL PLAZA AND BUILDING Cost, $150,000

SAN FRANCISCO, Calif. Golden Gate Bridge.

Toll plaza and building, exclusive of the toll-registering equipment.

Owner—Golden Gate Bridge District, 111 Sutter St.

Architect—Irving F. Morrow, de-Young Bldg.

Engineers—Strauss & Paine, 111 Sutter St.

Plans and specifications obtainable from the office of W. W. Felt, Secretary, Golden Gate Bridge District, Suite 1000, 111 Sutter St., upon deposit of $50.

BIDS OPENED

SAN FRANCISCO.—Empire Roofing Co., 4905-A Mission St., at $3,220 submitted low bid to the Department of Public Works, Room 251, City Hall (under Spec. 5063) for re-roofing the Fairmount School, NE Randall and Chenery Sts., and re-roofing the McKinley School, Castro St. between Henry and 14th Sts. Estimated cost, $3,500.

Complete bids follow:

Empire Roofing Company	$3,220
Mallott & Peterson	4,689
Alta Roofing Co.	4,924
J. W. Bender Roofing Co.	5,088

BIDS OPENED

SACRAMENTO, Cal. — Bethlehem Steel Corp., 20th and Illinois Streets, San Francisco, at $3.38 per 100 lbs. submitted low bid to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-103, for furnishing 2,500 sq. ft. steel sheet piling for sump at Pumping Plant No. 3, fob Sutter City.

Columbia Steel Corp., San Francisco, at $3.463 per 100 lbs. submitted the only other bid.

BIDS OPENED

SACRAMENTO. — Following bids received by the State Purchasing Agent, Sacramento, under Quotation No. 21863, Req. 26416, for furnishing Douglas Fir lumber:

James L. Hall, San Francisco—Total, $2,702.45; f.o.b. cars, San Luis Obispo; discount on mill value, 2% 30 days.

Harry Evans, San Francisco—Average price, $32.50 per M.; total, $2,850.71; f.o.b. San Luis Obispo; discount, 2% 15 days, 1% 30 days, ADF.

BIDS WANTED

SAN FRANCISCO.—Until November 25, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall (under Spec. No. 5111), for reconditioning asbestos curtain, including cables, pulleys, etc., at Galileo High School, Van Ness Ave. and Bay St.

Additional information may be had from R. A. Chisholm, Superintendent of Public Buildings, 484 11th St.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

SAN FRANCISCO.—The following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1685, for furnishing (1) ten 4-inch hub and flange tapping valves and (2) ten 16-in. hub and gate valves:

General Engineering and Drydock Co.: (2) $78.

San Francisco Water Dept.: (1) $14.25; (2) $77.50.

BIDS OPENED

SAN FRANCISCO.—The following bids received by F. F. Moran, Assistant Procurement Officer, Forest Service, Phelan Bldg., San Francisco under Bid No. 936, for furnishing 16,781 board feet of structural Douglas fir lumber for the South Fork Antelope Bridge:

E. K. Wood Lumber Co., $383.25; fob Cottage Grove.

James L. Hall, $24 per MBM; fob Cottage Grove.

Loop Lumber Co., $826.59; fob San Francisco.

CONTRACT AWARDED

SAN FRANCISCO. — Enterprise Foundry Corp., 2902 19th St., at $150 per ton, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1666, for furnishing approximately ten tons of cast iron specials for the high pressure water system (WPA).

BIDS OPENED

SACRAMENTO.—Bids for furnishing and delivering miscellaneous castings under Bid No. 1105-37-91, were opened by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento.

Bids were taken as follows:

(1) One pump discharge connection, gray iron;
(2) One discharge pipe flange, cast steel;
(3) One gland for stuffingbox, cast steel;
(4) One flange for suction thimble cast steel;
(5) Six suction pipe flanges, cast steel;
(6) One pipe flange, cast steel;
(7) Four dredge impeller inner wearing rings, cast steel;
(8) One discharge pipe "S" bend, gray iron;
(9) One suction pipe "S" bend, gray iron;
(10) One swivel elbow, gray iron;
(11) 24 lengths Pontoon pipe, 20-in. I.D. by 40 ft. long;
(12) 25 pipe bands;
(13) Five sets (4 halves per set—20 halves) dredge pump casing wear rings, gray iron;
(14) Two propellers for Launch Rio Vista, cast steel.

Complete bids follow:

Monarch Foundry & Engineering Co., Stockton—(1) $62.15; (2) $36.15; (3) $42.50; (4) $48.80; (5) $37.80; (6) $35.05; (7) $40; (14) $59.60; discount ½% 10 days; delivery: Items 1 to 7, 30 days; Item 14, 35 days.

Pacific Coast Engineering Co., Oakland—(1) $83; (2) $41; (3) $45; (4) $59; (5) $34; (6) $33; (7) $38; (8) $308; (9) $325; (10) $639; (11) $212; (12) $3.50; 13) $122; (14) no bid; discount, ½% 10 days. Delivery: Items 1 to 9, 11 and 12, 35 days; Items 10 and 13, 45 days.

Moore Dry Dock Co., Oakland—(1) $107; (2) $63; (3) $69; (4) $92; (5) $68.50; (6) $89; (7) $47.75; (8) $296; (9) $316; (10) $571; (11) $232; (12) $540; (13) $145; (14) $78; no discount. Delivery: Items 1 to 9, and 13, 30 days; Items 10 and 12, 45 days; Items 11 and 14, 35 days.

Montague Pipe & Steel Co., San Francisco—Item 11, $204.80; discount 1% 10 days; delivery in 45 days.

Golden State Miners Iron Works, San Francisco—(1) $61.95; (2) $42.57; (3) $59.78; (4) no bid; (5) $42.64; (6) $37.20; (7) $46.58; (8) $374.89; (9) $399.19; (13) $86; no discount. Delivery, Item 13, 35 days; all others, 30 days.

Stockton Iron Works, Stockton—(1) $69; delivery in 30 days; (13) $152, delivery in 45 days; no discount.

General Engineering & Dry Dock Co., Oakland—(1) $73; (2) no bid; (3) $70; (4) $75; (5) $323; (6) $52; (7) $300; (8) $338; (9) $308; (10) no bid; (11) no bid; (12) $184; (13) $1611; (14) no bid; no discount. Delivery: Items 1, 3, 4, 5, 6, 7, 8 and 12, 30 days; Items 9 and 13, 45 days.

Union Machine Co., San Francisco —(1) $46; (2) no bid; (3) $55; (4) $66; (5) $49.50; (6) $46; (7) $51.50; (8) $369; (9) $323; (10) $657; (11) no bid; (12) no bid; (13) $236; (14) $65.75; no discount. Delivery: Items 1, 3, 4, 5, 6, 7, 8, and 9, 30 days; Items 10 and 13, 45 days; Item 14, 35 days.

Western Pipe & Steel Co., San Francisco—(11) $230; delivery in 35-45 days; Item 12, $3.63, delivery in 30 days; no discount. Total bid, $5,610.75.

BIDS OPENED

LOS ANGELES.—Bids for furnishing one hydro-pneumatic tank for miscellaneous garden tracts in Utah were opened by the U. S. Indian Irrigation Service, Los Angeles, Nov. 12th under Invit. No. 0342. The bids were:

Buehler Tank & Welding Works, 3 ft. 6-in. diam. by 14 ft.—weight 1715 lbs., $165; weight 1281 lbs., $134; 4-ft. diam. by 10 ft.—weight 2075 lbs., $188; weight 1528 lbs., $152; f.o.b. Los Angeles.

Berkeley Steel Construction Co., $136; f.o.b. Berkeley; 2%, 10 days.

National Tank & Mfg. Co., $139.74; f.o.b. Los Angeles.

L. A. Boiler Works, $155; f.o.b. Los Angeles.

California Steel Products Co., $161; f.o.b. San Francisco.

American Pipe & Steel Corp., $169; f.o.b. Alhambra.

Western Pipe & Steel Co., $196; f.o.b. Los Angeles.

CONTRACT AWARDED

SAN FRANCISCO. — Western Asbestos Co., 675 Townsend St., at $185, awarded contract by Department of Public Works, City Hall (under Bid No. 4997), for acoustical treatment of the small room in the Assessor's Department to be used for addressograph equipment.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until November 23, 2 P. M., bids will be received by the State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for the construction of a reinforced concrete box culvert at Sand Creek, about three miles east of San Bernardino.

Plans and specifications obtainable from the above address.

BID OPENING POSTPONED

HUMBOLDT CO., Calif.—Until November 30, 2 p.m., date postponed from November 10, bids will be received by the Humboldt County Bd. of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a bridge over Freshwater Slough in District No. 4.

The County has not yet received permission from the War Department for construction of the bridge across Freshwater Slough, a navigable stream.

Plans and specifications obtainable from the office of County Surveyor Frank E. Kelly, Second and K Sts., Eureka.

BIDS WANTED

STANISLAUS CO., Calif.—Until December 15, lump sum bids will be received by the Stanislaus County Board of Supervisors, Court House, Modesto, for the construction of a wooden pile and wooden deck bridge, 600 ft. long and 20 ft. wide, across the San Joaquin River at the end of Las Palmas Ave., Patterson.

Plans and specifications obtainable from the office of County Surveyor George D. MaComber upon deposit of $10.00.

BIDS WANTED

COCONINO COUNTY, Ariz.—Until Dec. 4, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction of a bridge on the Winslow-Flagstaff Highway, FA 81 2nd Reop. (1937) AFE 6671. The work, which is located about 24 miles east of Flagstaff, consists of the construction of a new steel arch bridge over Padre Canyon and new road mix oil surfaced approaches forming a line change about one mile in length, and is to be completed on or before May 31, 1937.

The principal items and approximate quantities are:

14,000 c.y. rdwy. excav.;
1,500 c.y. slides and overbreagake;
4,700 sta. yds. overhaul;
3,400 c.y. mile haul;
4,300 tons aggregate base course;
593 c.y. Class A concrete;
78,000 lbs. reinforcing steel;
425,800 lbs. structural steel;
108 l.f. 18-in. corru. metal pipe;
166 l.f. 36-in. do;
384 l.f. road guard;
2,000 tons mineral aggregate;
100 tons cutback asphalt;
1.06 miles processing road mix;
335 tons screenings;
46 tons emulsified asphalt, Class A;
1,440 tons salvaging & relaying oil cake;
250 tons salvaging and stockpiling oil cake.

T. S. O'Connell, State Highway Engineer.

CONTRACT AWARDED

EVERETT, Washington.—Angeles Gravel & Supply Co., Port Angeles, at $32,794 awarded contract by the Everett City Council for the construction of a trestle across Ebey Island, the first unit of the proposed $1,300,000 pipe line project recently approved by the PWA.

Frank Spencer, Commissioner of Public Works.

BIDS OPENED

STANISLAUS CO., Calif.—F. O. Bohnett Co., Campbell, at $14,530, submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, Stockton, for the repair of a bridge across Tuolumne River at Basso's Ferry, about 2 mi. west of LaGrange, Stanislaus Co.

The work involves:

(1) 1 lot existing deck removed and disposed of;
(2) 30,000 lbs. bar reinforcing steel;
(3) 145 c.y. Class A portland cement concrete;
(4) 75,000 lbs. structural steel;
(5) 10 MFBM redwood timber;
(6) 15 MFBM Redwood timber, dense, select, all-heart, structural grade;
(7) One lot miscellaneous items of work.

Total bids follow:

(A) F. O. Bohnett, Campbell....$14,530
(B) M. B. McGowan, Inc., San Francisco 15,313
(C) Garaparini & Orselli, Oakland 17,885
(D) Martin Murphy, Albany.... 19,840

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$700.00	$700.00	$3500.00	$800.00
(2)	.055	.05	.05	.06
(3)	22.00	20.00	22.00	38.00
(4)	.08	.10	.09	.11
(5)	65.00	70.00	90.00	90.00
(6)	140.00	110.00	115.00	120.00
(7)	400.00	163.00	500.00	1000.00

BIDS WANTED

SAN FRANCISCO.—Until Dec. 9, 10 A. M., bids will be received by Golden Gate Bridge and Highway District, W W. Felt, Jr., Secretary, Suite 1000, 111 Sutter Street, for painting the steel floor structure, steel approach structure and the high viaduct of the Golden Gate Bridge.

Plans and specifications may be obtained from the office of the secretary on deposit of $50.00.

Chief Engineer Jos. B. Strauss.

CAPITAL CITY TITLE COMPANY

J. C. PALEN.
Manager

914 Seventh Street
Sacramento :: California

23— CANALS

BIDS WANTED

YUBA CO., Calif.—Until December 4, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-100, for raising and strengthening the existing levee, constructing new levee, and excavating flood channels along the easterly side of the Western Pacific Railroad from the Bear River to Clark Slough and along the north levee of Bear River from Carlin Bridge to South Dry Creek in Yuba County. The work involves a total of 1,357,500 c.y. of embankment.

Bids will be taken as follows:

SCHEDULE "A"

Part 1

(1) 735,600 c.y. levee embankment, in place;
(2) 300 c.y. road gravel, in place;
(3) 3 c.y. Class "A" concrete, in place;
(4) 338 ft. corrugated iron pipe, 8-in. diam., No. 16 gage, with necessary 8-in. diam band couplers, in place;
(5) 160 ft. do., 12-in. diam., No. 14 gage, with necessary 12-in. do.;
(6) 226 ft. do., 18-in. diam., No. 14 gage, with necessary 18-in. dia. do.;
(7) 170 ft. do., 24-in. diam., No. 14 gage, with necessary 24-in. dia. do.;
(8) 120 ft. do., 30-in. diam., No. 14 gage, with necessary 30-in. diam. do.;
(9) 106 ft. do., 60-in. diam., No. 10 gage, with necessary 60-in. dia. do.;
(10) 13 each, corrugated iron pipe, drop inlets, 18x24-in., No. 14 gage, in place;
(11) 2 each, corrugated iron cut-off sheets, 49½x50-in., No. 12 gage, to fit 24-in. diam. corrugated iron pipe, in place;
(12) 2 each, do., to fit 30-in. diam do.;
(13) 4 each, do., 31x32-in., No. 12 gage, to fit 12-in. diam. corrugated iron pipe, all in place;
(14) 4 each, do., to fit 18-in. diam. do.;
(15) 2 each, Calco No. 100 automatic drainage gates, 12-in. diam., or equal, in place;
(16) 2 each, do., 18-in. diam., or equal, in place;
(17) One do., 30-in. diam., or equal, in place;
(18) One Calco No. 1001, automatic drainage and slide head gate, 24-in. diam., with 14-ft. gate frame, or equal, all in place;
(19) 160 lbs. reinforcing steel in place.

Part 2:

(1) 522,200 c.y. levee embankment, in place;
(2) 140 c.y. road gravel, in place;
(3) 2 c.y. Class A concrete, in place;
(4) 344 ft. corrugated iron pipe, 24 in. diam., No. 14 gage, with necessary 24-in. diam. band couplers, all in place;
(5) 22 ft. do., 60-in. diam., No. 10 gage, with necessary 60-in. dia. do.;

(6) 45-ft. Armco multiplate culvert, 120-in. diam., No. 78-17, or equal, with necessary fittings, all in place;
(7) 4 each corrugated iron cut-off sheets, 49½x50-in., to fit 24-in. diam. corrugated iron pipe, all in place;
(8) One Calco No. 100 automatic drainage gate, 24-in. diam., or equal, in place;
(9) One Calco 1001 automatic drainage and slide head gate, 24-in. diam., with 14-ft. gate frame, or equal, all in place;
(10) 72 lbs. reinforcing steel, in place.

Part 3:

(1) 99,700 c.y. excavation;
(2) 60 c.y. road gravel, in place;
(3) One c.y. Class A concrete, in place;
(4) 74 ft. corrugated iron pipe, 8-in. diam., No. 16 gage, with necessary 8-in. diam. band couplers, all in place;
(5) 34 ft. do., 24-in. diam., No. 14 gage, with necessary 24-in. dia. do.;
(6) 65-ft. Armco multiplate culvert, 120-in. diam., No. 78-17, or equal, with necessary fittings, all in place;
(7) 2 each, corrugated iron cut-off sheets, 31x32-in., to fit 8-in. dia. corrugated iron pipe, all in place;
(8) 2 each, do., 49½x50-in., to fit 24-in. diam. do;
(9) One Calco No. 101 slide head gate, 8-in. diam., with 4-ft. gate frame, or equal, in place;
(10) One Calco No. 101 slide head gate, 24-in. diam., with 8-ft. gate frame, or equal, in place;
(11) 49 lbs. reinforcing steel, in place;
(12) 3,350 ft. new fence, in place.

SCHEDULE B

Parts 1, 2, and 3 combined:

(1) 1,257,800 c.y. levee embankment, in place;
(2) 99,700 c.y. excavation;
(3) 500 c.y. road gravel, in place;
(4) 6 c.y. Class A concrete, in place;
(5) 412 ft. corrugated iron pipe 8-in. diam., No. 16 gage, with necessary 8-in. diam., band couplers, in place;
(6) 160 ft. corrugated iron pipe, 12-in. diam., No. 14 gage, with necessary 12-in. diam., band couplers, in place;
(7) 226 ft. corrugated iron pipe, 18-in. diam., No. 14 gage, with necessary 18-in. diam., band couplers, in place;
(8) 548 ft. corrugated iron pipe, 24-in. diam., No. 14 gage, with necessary 24-in. diam., band couplers, in place;
(9) 120 ft. corrugated iron pipe, 30-in. diam., No. 14 gage, with necessary 30-in. diam., band couplers, in place;
(10) 128 ft. corrugated iron pipe, 60-in. diam., No. 10 gage, with necessary 60-in. diam., band couplers, in place;
(11) 110 ft. armco multiplate culvert, 120-in. diam., No. 78-17, or equal, with necessary fittings, all in place;
(12) 13 each, corrugated iron pipe, drop inlets, 18x24-in., No. 14 gage, in place;
(13) 2 each, corrugated iron cut-off sheets, 31x32-in., No. 12 gage, to fit 8-in. diam., corrugated iron pipe, in place;
(14) 4 each, corrugated iron cut-off sheets, 31x32-in., No. 12 gage, to fit 12-in. diam., corrugated iron pipe, in place;
(15) 4 each, corrugated iron cut-off sheets, 31x32-in., No. 12 gage, to fit 18-in. diam., corrugated iron pipe, in place;
(16) 8 each, corrugated iron cut-off sheets, 49½x50-in., No. 12 gage, to fit 24-in. diam., corrugated iron pipe, in place;
(17) 2 each, corrugated iron cut-off sheets, 49½x50-in., No. 12 gage, to fit 30-in. diam. corrugated iron pipe, in place;
(18) 2 each, Calco No. 100 automatic drainage gates, 12-in. diam., or equal, in place;
(19) 2 each, Calco No. 100 automatic drainage gates, 18-in. diam., or equal, in place;
(20) One each, Calco No. 100 automatic drainage gate, 24-in. dia., or equal, in place;
(21) One each, Calco No. 100 automatic drainage gate, 30-in. dia., or equal, in place;
(22) One each, Calco No. 101 slide head gate, 8-in. diam., with 4-ft. gate frame, or equal, in place;
(23) One each, Calco No. 101 slide head gate, 24-in. diam., with 8-ft. gate frame, or equal, in place;
(24) 2 each, Calco No. 1001 automatic drainage and slide head gates, 24-in. diam., with 14-ft. gate frame, or equal, in place;
(25) 281 lbs. reinforcing steel, in place;
(26) 3,350 ft. new fence, in place.

Plans and specifications obtainable from the above office, and on file at the office of the South Pacific Division, Custom House, San Francisco.

BIDS WANTED

YAKIMA PROJECT, Washington. —Until December 14, 10 a.m., bids will be received by the Bureau of Reclamation, Chas. E. Crownover, Construction Engineer, Roza Division, Yakima Project, Yakima, under Spec. No. 711, for the construction of earthwork, bench flume, canal lining, and structures, Station 102 to Station 197 plus 77.68, Yakima Ridge Canal, Roza division, Yakima Project, Washington.

The principal items of work involved are:

(1) 270,000 c.y. all classes of excavation for canal;
(2) 63,500 c.y. do. for structures;
(3) 5,000 sta.c.y. overhaul;
(4) 5,200 c.y. compacted embankment;
(5) 8,000 sq. yds. preparing foundations for concrete lining and concrete bench flume in rock excavation;
(6) 30,000 sq. yds. trimming canal section in earth for concrete lining and concrete bench flume;
(7) 50,800 c.y. backfill about structures;
(8) 4,710 c.y. concrete in structures;
(9) 2,480 c.y. concrete in canal lining;
(10) 8,350 c.y. concrete in bench flume;
(11) 25 sq. yds. dry-rock paving;
(12) 70 sq. yds. grouted paving;
(13) Placing 3,026,000 lbs. reinforcement bars;
(14) Erecting 4 MFBM timber in bridge;
(15) Constructing 9,570 l.f. 6-in. and 8-in. diam. sewer-pipe drains;
(16) Installing 54,150 lbs. gates and other metalwork.

Work shall be commenced in 30 calendar days and completed within 500 calendar days after date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, Yakima, Washington; Denver, Colorado; or Washington, D. C., without charge to prospective bona fide bidders; to others, $1.50, not returnable.

24—STREET LIGHTING

BIDS OPENED

SAN FRANCISCO.—H. C. Reid & Co., 389 Clementina St., at $36,620, submitted low bid to the Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 19, for construction of a street lighting system in Van Ness Ave., between McAllister and Grove Sts.

The work involves:

(1) 259 trolley pole brackets with pendant luminaires;
(2) 32 electroliers, complete with luminaires and auto transformers;
(3) 19 foundations;
(4) 259 insulating transformers;
(5) 32,000 ft. primary cable;
(6) 8,500 ft. secondary wire;
(7) 2,700 ft. 1½-in. black conduit.

Complete bids follow:

H. C. Reid & Co.	$36,620
Severin Electric Co.	36,747
R. Flatland	38,290
H. S. Tittle Co., Inc.	39,400
Abbett Electric Co.	39,869
Electric Power Bureau of Hetch Hetchy	41,000
Spencer Electric Co.	44,973

25— MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO—Following bids received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-68, for furnishing one self adjusting draghead for the U. S. Dredge "Kingman" and one for the U. S. Dredge "Mackenzie."

Bethlehem Shipbuilding Corp., $1-050 each; delivery in 25 days.

Moore Dry Dock Co., $1,087 each; delivery in 25 days.

General Engr. & Dry Dock Co., $1-173.25 each; delivery of one in 15 days and one in 22 days.

Union Machine Works, $1,320 ea.; delivery of one in 40 days and one in 60 days.

CONTRACT AWARDED

SAN FRANISCO. — Louis Rosenberg, 50 Laguna St., at $1.65 per hour submitted low bid and awarded contract by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, under Bid No. 868-37-73, for the rental of one 1½-ton dump truck for 176 hours, fob Fort Funston.

Th other bids were:

Bruno Skibo	$1.745
Lerer Brothers	2.24

BIDS OPENED

SACRAMENTO, Cal. — C. Mankel, 2924½ 35th St., Sacramento, at $882 submitted low bid to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-98, for the rental of one caterpillar tractor and bulldozer for approximately 200 hrs.

The other bids were:

Weaver-Rye Tractor Co., Sacramento	$1,000
C. A. Baker, North. Sacto.	1,040

CONTRACTS AWARDED

SALT RIVER PROJECT, Arizona. —Consolidated Steel Corp., Los Angeles, at $37,729.83, for furnishing one 40-ft.x44.5-ft. regulating gate, fixed wheel type, and at $11,817.85, for furnishing gate frame, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 699, for furnishing equipment for installation in the auxiliary spillway at the Horse Mesa Dam, Salt River Project, Arizona.

S. Morgan Smith Co., York, Pa., at $36,866.06, awarded contract for furnishing gate hoist under the same specifications.

CONTRACT AWARDED

ALL-AMERICAN CANAL. — Long Beach Iron Works, Long Beach, at $31,034.82, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 844-D, for furnishing 36 Type A assemblies, 36 Type B assemblies (valves, pipe, and appurtenances), for pedestals of revolving scrapers for the desilting works at the Imperial Dam, All-American Ca-

28— FIRE EQUIPMENT

BIDS WANTED

MARTINEZ, Contra Costa Co., Cal. —Until December 2, 8 p.m., bids will be received by the Martinez City Council, Raymond B. Johnson, City Clerk, City Hall, for furnishing a 500-gal. pumper for the Fire Department.

Specifications obtainable from the above office.

BIDS WANTED

SANTA CRUZ, Santa Cruz Co., Calif.—Until Nov. 23, 9 A. M., bids will be received by the Santa Cruz City Council, S. A. Evans, City Clerk City Hall, for furnishing nine Peerless 1931 Model 3 fold fire alarm boxes or equal, fob City Corp. Yard.

Specifications obtainable from the above office.

CONTRACT AWARDED

SAN MATEO, San Mateo Co., Cal. —Universal Tool & Manufacturing Co., 109 New Montgomery St., San Francisco, at $1200 plus sales tax, submitted the only bid received and awarded contract by the San Mateo City Council, E. W. Foster, City Clerk, for furnishing 12 fire alarm boxes. 28

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

SAN FRANCISCO.—M. J. Lynch, Oakdale and Barneveld Avenues, at $27,909.25, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,973, for the widening and reconstruction of Taylor Street, between Market and Post Streets.

CONTRACT AWARDED

SAN FRANCISCO.—D. C. McCabe, 74 New Montgomery St., at $295, awarded contract by the Department of Public Works, City Hall, under Spec. No. 5022, for the removal of three cypress trees from the roadway of 19th St., between Corbett Ave. and Market St.

LOW BIDDER

LOS ANGELES, Cal.—W. E. Hall Co., Westminster Ave., Alhambra, at $49,000 submitted low bid to the Los Angeles County Supervisors for the improvement of El Monte Avenue, north of El Monte, from Live Oak Ave. south to the Rio Hondo, 6250 l.f. or 1.18 miles, more or less. Cash Contract No. 492.

BOND ELECTION

ELKO, Nevada.—An election will be held in the City of Elko to vote bonds in the amount of $34,000 to finance street improvements.

TO ASK BIDS

SACRAMENTO, Cal.—Bids will be asked in about ten days by Major Arthur W. Parker, Constructing QM. Old Post Office Terminal Bldg., Sacramento, for grading landing field on the site of the Army Air Corps Supply Depot, near North Sacramento. Approximately 800,000 yards of earth is to be moved.

BIDS WANTED

COCONINO CIUNTY, Ariz.—Until December 8, 10 A. M., bids will be received by the Bureau of Public Roads, 247 New Post Office Bldg., Phoenix, for placing metal plate guard rail on Sections A, B, C, D, and E of the Cameron-Desert View Approach Road to Grand Canyon National Park, Coconino County.

The principal item of work involved is approximately 16,610 ft. or metal plate guard rail.

Plans and specifications obtainable from the above office and from the Bureau of Public Roads, Federal Office Bldg., San Francisco, upon deposit of $10.00.

BIDS WANTED

PLUMAS CO., Cal.—Until Feb. 2, 1937, 2 P. M., bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for 3.-259 miles grading on Sections C, D, and E of Route 20, the Almanor National Forest Highway, Plumas National Forest, Plumas County.

The principal items of work involved are:

(1) 13 acres clearing;
(2) 18 acres cleanup clearing;
(3) 59,000 c.y. unclass. excavation;
(4) 1,050 c.y. do for structures;
(5) 9,450 c.y. do for borrow;
(6) 10,700 c.y. subgrade reinf.;
(7) 190,000 sta. yds. overhaul;
(8) 18,800 c.y. mile haul;
(9) 438 l.f. perforated CMP;
(10) 1,728 l.f. CMP;
(11) 7 spillway inlets;
(12) 116 c.y. concrete;
(13) 5,900 lbs. reinf. steel;
(14) 121 c.y. crushed rock or gravel for backfill;
(15) 100 sq. yds. mortar backfill seal
(16) 11.5 MFBM untreated timber;
(17) 3,350 l.f. protection ditch;
(18) 76 culvert markers;
(19) 39 right of way monuments;
(20) 468 l.f. removing and relaying or stockpiling existing CMP.

Plans and specifications obtainable from the above office upon deposit of $10.00. 29

CONTRACT AWARDED

HICKAM FIELD, T. H.—Jas. W. Glover, Honolulu, at $136,110 awarded contract by Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W 397-37-8, for the construction of roads (second phase) at Hickam Field.

BIDS OPENED

SACRAMENTO, Sacramento Co., Calif.—Charles E. Vorlander, 619 California St., Sacramento, at $3,333, submitted low bid to the Sacramento City Council for the installation of electric stop and go signals at 9th and J Streets, 10th and L Streets, and conduit only at 10th and J Sts., Sacramento.

The other bids were:
Luppen & Hawley, Inc.—$3,408.
Rex Moore—$3,460.

BIDS WANTED

SANTA BARBARA CO., Cal.—Until December 9, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.3 mile grading within the grounds of the proposed State Teachers' College in the City of Santa Barbara.

The work involves:

(1) 41,000 c.y. rdwy. excav., unclass.;
(2) 15.5 sta. finishing rdwy.;
(3) 860 c.y. struc. excav.;
(4) 56 l.f. 8-in. CMP;
(5) 198 l.f. 18-in. CMP;
(6) 120 l.f. 30-in. CMP;
(7) 390 l.f. 36-in. CMP;
(8) 1 each spillway assembly;
(9) 4 each guide posts;
(10) 12 c.y. Class A Portland cement concrete (struc.);
(11) 1,400 lbs. bar reinf. steel;
(12) 2 each drop inlet frames and covers.

Note: The State will furnish CMP band couplers, drop inlet frames and covers and embankment protectors, etc., as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

HUMBOLDT CO., Cal.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work in Humboldt County, between Beatrice Overhead and Eureka, for which bids will be opened in Sacramento, December 2.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The cost of the sheets follows:

PLANS (No. of Sheets), 20; cost, $2.00; CROSS-SECTIONS (No. of Sheets), 120; cost, $12.00; total, $14.00.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, California.

BIDS WANTED

ALAMEDA-CONTRA COSTA Cos., Cal.—Until December 18 (tentative date) bids will be received by Board of Directors of Joint Highway District No. 13, in the Supervisors Chambers, Hall of Records, Fifth and Broadway, Oakland, for the completion of approaches to the Broadway Low Level Tunnel, Schedule "G".

Wallace B. Boggs, 1448 Webster St., Oakland, Chief Engineer.

CONTRACT AWARDED

SAN MATEO CO., Calif. — Basich Bros., 20530 Normandie Ave., Torrance, at $340,785.50 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 5.6 miles grading and paving with asphalt concrete in San Mateo County between San Mateo and Redwood City.

CONTRACT AWARDED

LOS ANGELES, Cal.—W. E. Hall Co., Westminster Ave., Alhambra, at $49,000 awarded contract by the Los Angeles County Board of Supervisors for improvement of El Monte Ave. north of El Monte, from Live Oak Ave. southerly to the Rio Hondo, a distance of 6,250 l.f. or 1.18 miles.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—J. E. Haddock, Ltd., 357 N Chester Street, Pasadena, at $10,449.10 awarded contract by the Los Angeles County Board of Supervisors for improving Somerset Ave. in the vicinity of Long Beach, from Spring to Hathaway Ave., a total distance of 13,411 l.f. or 2.54 miles.

CONTRACT AWARDED

LEWIS & PIERCE COS., Wash.—Sam Orino, Bonneville, at $80,626.80. awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for 7.806 miles surfacing on the Mt. Rainier National Park East Side Highway, Lewis and Pierce Counties.

Complete bids published September 28.

CONTRACT AWARDED

LAKE CO., Oregon.—F. C. Dillard, Medford, at $74,856, awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for about 7.808 miles of grading and subgrade reinforcement on the Fremont Highway, Fremont National Forest, Lake County.

BIDS OPENED

NEVADA and Placer Cos., Cal.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $216,380.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and paving with portland cement concrete about 3.7 miles in Nevada and Placer Counties, between Springs and Donner Summit, and one-half mile west of Soda Springs and Donner Summit, and constructing a parking area near Donner Summit Bridge.

The work involves:

(1) 54 sta. clear and grub right of way, Location A;
(2) 46 sta. clear and grub right of way, Location B;
(3) 1,500 M. gals. water;
(4) 38,000 c.y. roadway excav. without class., location A;
(5) 2,000 c.y. roadway excav. without class., location B;
(6) 1,500 c.y. struct. excav.;
(7) 950 c.y. ditch and channel excavation;
(8) 1,200,000 sta. yds. overhaul;
(9) 40 c.y. exist. conc. remove and disposed of;
(10) 44,000 sq. yds. preparing subgrade;
(11) 197 sta. finishing roadway;
(12) 225 c.y. salvaged surf.;
(13) 6,850 tons untreated crushed gravel or stone surf. (borders and base);
(14) 380 tons mineral aggregate (plant-mix surf.);
(15) 19 tons liq. asphalt, ROMC-3, ROMC-4 or ROMC-5 (plant-mix surf.);
(16) 1.2 tons liquid asphalt ROMC-3 -4 or -5 (seal coat, parking area);
(17) 12 tons stone screenings (seal-coat parking area);
(18) 47 tons liq. asphalt, SC-2 (penetration oil treatment and prime coat);
(19) 100 tons sand (penetration oil treatment and prime coat);
(20) 383 c.y. class A portland cement concrete (structures);
(21) 195 c.y. class A portland cement concrete (footing blocks);
(22) 8,350 c.y. class A portland cement concrete (pave.);
(23) 181,000 lbs. bar reinf. steel (pave and structures);
(24) 6,800 each, pavement tie bar assemblies;
(25) 15,500 each, pavement dowels;
(26) 4 sections pavement crossing devices, type A-10;
(27) 4 sections pavement crossing devices, type B-10;
(28) 285 c.y. rubble masonry retaining walls and piers;
(29) 190 l.f. rubble masonry curb and gutter;
(30) 184 l.f. 8-in. CMP;
(31) 20 l.f. 12-in. CMP;
(32) 268 l.f. 18-in. CMP;
(33) 204 l.f. 24-in. CMP;
(34) 52 l.f. 30-in. CMP;
(35) 48 l.f. 36-in. CMP;
(36) 10 each, remove and reset headwalls;
(37) 900 l.f. 8-in. perf. metal pipe underdrains;
(38) 200 c.y. rock filling material;
(39) 22 l.f. clean and relay exist. CMP culverts;
(40) 4 each, spillway assemblies;
(41) 2 each, spillway assemblies, adjusted to grade;
(42) 2 each, drop inlets adjusted to grade;
(43) 13 c.y. class A portland cement concrete curbs;
(44) 72 each, culvert markers;
(45) 150 each, guide posts;
(46) 55 each, culvert markers, move and reset;
(47) 180 l.f. coil chain;
(48) 130 each, monuments complete in place.

Total bids follow:

(A) Fredericksen & Westbrook, Lower Lake, $216,380.50.
(B) A. Teichert & Son, Inc., Sacramento, $233,228.57.
(C) Basich Bros., Torrance, $234,621.70.
(D) United Concrete Pipe Corp., Los Angeles, $311,329.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$15.00	$35.00	$20.00	$60.00
(2)	42.00	55.00	20.00	100.00
(3)	.57	1.25	2.00	1.00
(4)	.57	.69	1.05	1.25
(5)	1.75	1.40	2.00	3.00
(6)	3.50	3.75	3.50	3.00
(7)	3.00	1.25	1.75	2.50
(8)	.01	.005	.005	.01
(9)	6.00	7.50	4.00	10.00
(10)	.09	.10	.10	.20
(11)	10.00	5.00	18.00	10.00
(12)	1.00	1.25	1.00	2.50
(13)	3.00	3.20	3.00	4.00
(14)	5.00	5.50	5.00	5.50
(15)	30.00	20.00	25.00	30.00
(16)	100.00	60.00	40.00	40.00
(17)	4.00	5.00	4.00	6.00
(18)	21.00	23.50	18.00	35.00
(19)	3.00	5.00	3.00	3.50
(20)	30.00	28.00	28.00	35.00
(21)	30.00	24.00	22.00	25.00
(22)	12.00	13.10	11.50	15.40
(23)	.06	.06	.06	.08
(24)	.50	.50	.25	.75
(25)	.20	.25	.15	.15
(26)	50.00	40.00	100.00	400.00
(27)	50.00	30.00	100.00	400.00
(28)	15.00	15.00	25.00	12.00
(29)	1.50	2.00	4.00	6.00
(30)	1.25	1.25	1.30	3.00
(31)	1.50	1.50	1.40	3.00
(32)	2.00	2.00	1.80	3.50
(33)	2.50	3.00	2.75	5.00
(34)	3.50	4.00	4.00	6.00
(35)	5.00	6.00	5.00	8.00
(36)	15.00	20.00	20.00	20.00
(37)	1.25	1.00	1.20	2.50
(38)	3.00	5.00	3.50	4.00
(39)	1.00	1.00	.80	3.00
(40)	17.00	15.00	20.00	30.00
(41)	6.00	7.50	10.00	20.00
(42)	35.00	12.50	15.00	20.00
(43)	40.00	25.00	20.00	30.00
(44)	3.00	3.00	3.00	4.00
(45)	3.00	3.25	2.50	4.00
(46)	1.50	2.00	2.00	3.00
(47)	2.00	1.50	1.50	1.65
(48)	3.00	3.00	4.50	5.00

BIDS OPENED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at $2,070.50 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,992, for the improvement of Dearborn St. extension between Bird and 18th Streets.

The work involves:

(1) 6 c.y. unarmored concrete coping
(2) 350 c.y. excavation;
(3) 330 l.f. unarmored concrete curb
(4) 3 brick catchbasins, complete;
(5) 55 l.f. 10-in. VCP culvert, in place
(6) 4,500 sq. ft. asph.-conc. pavement
(7) 1100 sq. ft. two-course concrete sidewalk;
(8) 5 tons asphaltic conc. conform pavement;
(9) 22 l.f. 8-in. VCP sewer, in place.

Total bids follow:

(A) Chas. L. Harney.....$2,070.50
(B) Eaton & Smith..... 2,294.50
(C) E. J. Treacy..... 2,331.50
(D) Fay Improvement Co..... 2,430.65

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$12.00	$20.00	$15.00	$22.25
(2)	.62	.80	1.00	1.15
(3)	.65	.50	.70	.52
(4)	100.00	90.00	60.00	90.00
(5)	1.00	2.70	2.50	2.38
(6)	.22	.24	.258	.245
(7)	.14	.14	.12	.13
(8)	7.00	6.60	4.50	6.75
(9)	1.50	2.00	1.25	1.95

LOW BIDDERS

COCHISE COUNTY, Ariz.—J. A. Casson, Box 2293, Phoenix, at $75,292 submitted low bid to the Arizona State Highway Commission at Phoenix for construction of the Benson - Douglas Highway, F.A 79-J, Schedule 3 (1937) AFE 8002. The work, which extends from a point near Douglas city limits westerly about 1½ miles, consists of grading, draining and cutback plant mix and is to be completed on or before April 15, 1937.

The principal items and approximate quantities are:

8,400 c.y. rdwy. excav.;
13,000 c.y. select material (CIP);
67 c.y. Class A concrete;
450 lbs. reinf. steel;
20 concrete catch basins;
916 l.f. corru. metal pipe (3 sizes)
400 M. gals. sprinkling;
160 hours rolling;
1,200 sq. yds. removal of conc. pavement;
5,400 tons plant mix;
590 tons plant mix seal coat;
280 tons cutback asphalt;
1,170 l.f. constructing joints in old pavement;
500 tons stockpiling plant mix;
lump sum, salvaging and relaying oil cake.

W. E. Hall Co., Phoenix, submitted the second low bid at $77,922.

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., at $1,703.68, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,795, for the improvement of the southerly intersection of Barneveld Ave. and Rickard St., and improvement of Rickard St. between Barneveld Ave. and San Bruno Ave.

The work involves:

(1) 140 c.y. grading (excavation);
(2) 1 brick catchbasin, complete;
(3) 25 l.f. 10-in. VCP culvert, in place;
(4) 132 l.f. armored concrete curb;
(5) 142 sq. ft. 2-course concrete sidewalk;
(6) 4,406 sq.ft. asphalt concrete pavement, consisting of a 2-in. asphaltic concrete wearing surface on a 6-in. Class F concrete base.

Total bids follow:

(A) E. J. Treacy.....$1,703.68
(B) Chas. L. Harney..... 1,929.38

Unit bids follow:

	(A)	(B)
(1)	$ 2.00	$ 1.00
(2)	100.00	100.00
(3)	3.00	3.00
(4)	1.00	1.00
(5)	.20	.20
(6)	.247	.33

BIDS WANTED

NEVADA CO., Calif.—Until Dec. 9, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.5 miles grading and surfacing with plant-mixed surfacing, medium curing type, on crusher run base, in Nevada County, between Donner Grade and the east end of Donner Lake.

The work involves:

(1) 134 sta. clearing and grubbing;
(2) 1,600 M. gals water;
(3) 30,000 c.y. roadway excav., unclassified;
(4) 1,800 c.y. struc. excav.;
(5) 700 c.y. ditch and channel excavation;
(6) 18,000 c.y. imported borrow;
(7) 325,000 sta. yds. overhaul;
(8) 134 sta. finishing roadway;
(9) 10,500 tons crusher run base;
(10) 30 tons liq. asphalt, SC-2 (prime coat);
(11) 145 tons sand (prime coat);
(12) 5,100 tons mineral aggregate (plant-mix surf.);
(13) 250 tons liq. asphalt, ROMC-4 or ROMC-5 (plant-mix surf.);
(14) 21.5 tons liq. asphalt, ROMC-3, ROMC-4, or ROMC-5 (seal coat);
(15) 190 tons stone screenings (seal coat);

(16) 135 tons liq. asphalt, SC-3 or SC-4 (road-mix surf. treatment);
(17) 22,500 sq. yds. preparing, mixing and shaping shoulders;
(18) 7 c.y. class A portland cement concrete (strucs.);
(19) 800 lbs. bar reinf. steel (strucs.);
(20) 46 c.y. rubble masonry (headwalls);
(21) 50 c.y. dry rubble (retaining walls);
(22) 70 l.f. 8-in. CMP;
(23) 1,116 l.f. 18-in. CMP;
(24) 504 l.f. 24-in. CMP;
(25) 58 l.f. 30-in. CMP;
(26) 20 l.f. 36-in. CMP;
(27) 1,274 l.f. 8-in. perf. metal pipe underdrains;
(28) 250 c.y. rock filling material;
(29) 384 l.f. exist. pipe culverts removed, cleaned and relaid;
(30) 370 l.f. exist. pipe culverts removed, cleaned and salvaged;
(31) 890 l.f. laminated guard railing;
(32) 60 each, guide posts;
(33) 74 each, culvert markers;
(34) 14 each, exist, guide posts and culvert markers removed and salvaged;
(35) 60 each, monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Marysville.

CONTRACT AWARDED

KLAMATH CO., Oregon.—Dunn & Baker, Klamath Falls, at $156,005.30, awarded contract by the Bureau of Public Roads, Portland, W. H. Lynch, District Engineer, for 2.917 miles grading on the Rim Road, Crater Lake National Park, Klamath Co.

Complete bids published September 28.

BIDS OPENED

SAN FRANCISCO.—Love & Haun, 4354 20th St., at $309.75, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 5081, for the reconstruction of sidewalks on Harrison Street, between Spear and Main Streets.

Thos. Gallagher, at $495.60, submitted the only other bid.

BIDS OPENED

LEWIS CO., Wash.—Lucich & Co., care McCollister & Campbell, Rainier Bldg., Seattle, at $136,941, submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 1.325 mi. grading on the Mt. Rainier National Park Stevens Canyon Highway, Lewis County.

The principal items of work involved are:
(1) 4 A. clearing;
(2) 11 A. grubbing;
(3) 133,000 c.y. unclass. excav.;
(4) 140,000 sta. yds. overhaul;
(5) 1.325 mi. finishing earth graded road;
(6) 32,000 c.y. mi. overhaul;
(7) 3 A. roadside cleanup;
(8) 220 c.y. masonry in toe walls;
(9) 80 c.y. Class A concrete in wall footings;
(10) 120 c.y. masonry guard rail, Type 2;
(11) 12,000 lbs. reinforcing steel;
(12) 1,500 c.y. masonry retaining walls and head walls;
(13) 210 l.f. extra strength reinforced concrete pipe;
(14) 50 l.f. culverts (Alt.);
(15) 9,000 c.y. handlaid rock embankment, Type 2;
(16) 7,000 l.f. rounding cut slopes;
(17) Lump sum, extra and miscellaneous force account work.

Complete total bids follow:

Lucich & Co., Seattle	$136,941
A. C. Greenwood, Portland	148,172
Colonial Constr. Co., Spokane	141,430
Myers & Goulter, Seattle	149,682
Pacific Constr. Co., Seattle	150,698
Sam Orino, Bonneville	156,427
P. L. Crooks, Portland	174,587
L. Romano Engrg. Corp., Seattle	175,897

30—RESERVOIRS & DAMS

SITE INVESTIGATIONS

PLACER CO., Calif.—U. S. Engineer Corps, Major W. E. Harris of the Sacramento district office in charge, is starting site investigations on Yuba and American Rivers for three hydraulic debris dams to be constructed next year. Equipment is being assembled at Auburn and work will be undertaken at once in order to complete foundation studies before high water interferes. The War Department has allocated $100,000 for investigations and plans.

LOS ANGELES COUNTY—1.363 MI. GRADING—(GOVT.)

LOS ANGELES CO., Cal.—George K. Thompson, 2404 W. Seventh St., Los Angeles, submitted late low bid at $120,785.40 to the Bureau of Public Roads, Federal Office Bldg., San Francisco, for grading 1.363 miles of Section C of Route 61, the Angeles Crest National Forest Highway, Angeles National Forest, Los Angeles County.

The work involves:
(1) 22 acres clearing;
(2) 22 acres grubbing;
(3) 301,600 c.y. unclass. excavation;
(4) 2,180 c.y. do for structures;
(5) 443,000 sta. yds. overhaul;
(6) 1.363 miles finishing earth graded road;
(7) 13 c.y. Class A concrete;
(8) 120 lbs. reinforcing steel;
(9) 10 l.f. 8-in. asphalt dipper C. G. M. P.;
(10) 148 l.f. 12-inch do;
(11) 68 l.f. 18-in. galvanized sheet metal pipe;
(12) 1,758 l.f. 24-inch do;
(13) 294 l.f. 30-inch do;
(14) 272 l.f. 36-inch do;
(15) 234 l.f.42-in. do, 12 gauge;
(16) 126 l.f. 42-in. do, 10 gauge;
(17) 136 l.f. 42-in. do, 8 gauge;
(18) 6 each, 24-inch eblows;
(19) one 30-inch elbow;
(20) one 36-inch elbow;
(21) one 2-inch elbow;
(22) 3 type B spillway inlets;
(23) one type C spillway inlet;
(24) 50 c.y. hand laid rock embankment;
(25) 3,000 c.f. concrete cribbing;
(26) 2 each, drop inlets;
(27) one cast steel frame and grating;
(28) 16 each, culvert markers;
(29) extra work, fill slope erosion controls.

Complete total bids follow:
(A) George K. Thompson, Los Angeles, $120,785.40.
(B) Macco Const. Co., Clearwater, $133,314.00.
(C) J. E. Haddock, Ltd., Pasadena, $137,478.50.
(D) Guy F. Atkinson, San Francisco, $148,419.20.
(E) M.J.B. Const. Co., Stockton, $156,655.30.
(F) N. M. Ball Sons & Larsen Bros., Berkeley, $158,184.90.
(G) Ralph A. Bell, Portland, $161,707.50.
(H) Geo. J. Bock Co., Los Angeles, $165,858.44.
(I) Fredericksen & Westbrook, Lower Lake, $166,482.80.
(J) C. G. Willis & Sons, Los Angeles, $177,100.70.
(K) D. W. Thurston, Los Angeles, $180,859.30.
(L) Engineer's estimate, $138,871.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	$150.00	$150.00	$250.00	150.00	$300.00	$100.00	$200.00	$200.00	$ 90.00	$220.00	$ 75.00	$250.00
(2)	100.00	100.00	50.00	50.00	50.00	100.00	100.00	100.00	70.00	150.00	75.00	100.00
(3)	.29	.35	.34	.385	.39	.41	.42	.413	.43	.46	.49	.35
(4)	1.35	1.50	2.00	1.40	2.00	2.00	1.50	1.50	1.50	1.50	1.25	1.50
(5)	.005	.005	.01	.01	.005	.01	.01	.006	.006	.01	.01	.005
(6)	500.00	500.00	1000.00	500.00	500.00	300.00	500.00	1500.00	1200.00	300.00	300.00	400.00
(7)	25.00	30.00	40.00	30.00	40.00	35.00	35.00	30.00	50.00	35.00	25.00	35.00
(8)	.10	.06	.10	.10	.10	.10	.10	.10	.50	.10	.07	.06
(9)	1.05	1.25	1.00	1.00	1.50	1.00	1.25	1.00	1.50	1.26	1.00	1.00
(10)	1.25	1.50	1.25	1.25	1.75	1.50	1.50	1.50	1.70	1.58	1.35	1.25
(11)	1.65	2.00	2.00	1.75	2.50	2.00	2.00	2.25	2.20	2.07	1.80	1.75
(12)	2.35	3.00	2.55	2.25	3.00	2.50	2.50	3.27	3.00	2.94	3.00	2.50
(13)	2.85	3.50	3.25	2.80	3.70	3.00	3.25	4.12	4.00	3.92	3.75	3.25
(14)	4.25	5.40	4.75	4.00	5.00	4.50	5.00	5.76	6.00	6.08	5.85	5.00
(15)	5.00	6.50	5.75	5.50	7.50	5.50	6.00	6.45	6.50	6.96	7.00	7.25
(16)	6.00	7.50	6.85	6.50	8.50	6.50	7.00	8.55	9.00	8.26	8.15	8.25
(17)	7.50	9.00	8.25	7.50	10.00	7.50	8.00	9.83	10.00	10.04	9.45	10.00
(18)	16.50	20.00	17.00	20.00	25.00	20.00	18.00	30.00	23.00	20.00	20.00	20.00
(19)	18.50	25.00	20.00	22.00	30.00	25.00	22.00	30.00	30.00	25.00	24.00	25.00
(20)	25.00	30.00	27.50	28.00	35.00	30.00	29.00	40.00	40.00	45.00	32.50	30.00
(21)	31.00	50.00	35.00	35.00	40.00	40.00	35.00	50.00	45.00	50.00	40.00	36.00
(22)	17.50	20.00	20.00	20.00	25.00	25.00	18.00	30.00	25.00	30.00	25.00	20.00
(23)	25.00	30.00	25.00	20.00	30.00	30.00	24.00	50.00	30.00	50.00	28.00	20.00
(24)	5.00	12.00	5.00	10.00	3.00	3.00	3.00	9.00	7.00	3.00	3.75	4.00
(25)	3.05	2.10	2.00	2.20	2.50	2.40	2.00	3.30	2.00	2.00	2.15	1.60
(26)	25.00	50.00	75.00	35.00	15.00	100.00	55.00	50.00	75.00	75.00	45.00	75.00
(27)	25.00	35.00	40.00	40.00	30.00	50.00	52.00	50.00	50.00	50.00	25.00	18.00
(28)	2.50	2.50	3.00	2.25	3.00	3.00	3.00	3.00	5.00	2.00	3.50	2.50
(29)	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00

TO ASK BIDS

LOS ANGELES. — Bids will be called within the next six weeks for furnishing Los Angeles County with steel penstock for the outlet works of San Gabriel Dam No. 1, estimated to cost approximately $500,000. Bids will also be taken shortly for the concrete spillway. C. H. Howell, Chief Engineer, 205 So. Broadway

BIDS OPENED

UPPER SNAKE RIVER PROJECT, Idaho.—Nevada Constr. Co., Nevada, Missouri, at $24,800, submitted low bid to the Bureau of Reclamation, Ashton, Idaho, H. A. Parker, Construction Engineer, under Spec. No. 848-D, for clearing the Grassy Lake Reservoir site, Upper Snake River Project. The work is located about 38 miles east of Ashton.

Complete bids follow:

Nevada Constr. Co., Nevada Mo.	$24,800
S. J. Groves & Sons Co., Minneapolis	28,000
Nick Burggraf, Inc., and J. W. Brennan, Idaho Falls	28,500
Jonovich & Co., Seattle	39,758

SITE INVESTIGATIONS

SANTA ANA, Orange Co., Cal.—Surveyors from the office of Major Theo. Wyman, Jr., District Engineer, United States Engineer Corps, are making preliminary surveys for the proposed Prado Dam on the Santa Ana River. The engineers are drilling test holes to determine if a suitable foundation exists. According to the engineer the cost has been estimated at $13,000,000, the major portion of which will be supplied by the federal government. The county will purchase necessary land and rights of way at a cost of about $2,000,000. The dam will necessitate the relocation of the Santa Ana Canyon highway and it has been suggested that the crest of the dam be utilized for the Pomona-Corona route on the state highway system.

31—PIPE LINES & WELLS

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—D. A. Beck & Sons, Alta Loma, at $870, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for drilling a water supply well at the Camp Anglus Maintenance Station site, San Bernardino County.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS REJECTED

EUREKA, Humboldt Co., Calif.—All bids received by the Eureka City Council for construction of the Washington Street sanitary sewer outfall between Broadway and the Government bulkhead line have been rejected.

A new application will be filed with the PWA for a grant of $33,000 to supplement $40,000 in bond money. A grant of $22,500 recently approved by the PWA does not supply sufficient funds for the project.

Mercer-Fraser Co., Second & Commercial Streets, Eureka, at $74,677, submitted the previous low bid.

Complete bids published November 12.

CONTRACT AWARDED

WATSONVILLE, Santa Cruz Co., Calif.—Granite Const. Co., Bin No. 9, Watsonville, at $488 submitted low bid and awarded contract by Watsonville City Council for the construction of a storm sewer to drain the portion of Lincoln Street between Bridge St. and the Pajaro River.

BIDS WANTED

SAN BERNARDINO and Riverside Cos., Cal.Until Dec. 14, 2 P. M., bids will be received by the Metropolitan Water District, 306 W Third St., Los Angeles, for construction of sewer, water supply and fire protection systems under Spec. No. 179. The work is located near Gene pumping plant, approximately 17 miles northeast of Earp, San Bernardino County and near Hayfield pumping plant, approximately 35 miles east of Indio, Riverside County. The work to be contracted for comprises the furnishing and installing of vitrified clay sewer pipe, open joint clay spreading tile, cast iron and galvanized steel water pipe, valves, fittings, and fire hydrants and the construction of septic tanks, manholes, and a concrete water tank. The work has been grouped in the bidding sheet under two schedules, one covering the work at Gene, and the other covering the work at Hayfield. Bids must be submitted for one or both schedules, but no bid will be considered for less than all the items of a schedule. The amount of the certified or cashier's check required for each schedule on which a bid is submitted is as follows:

Schedule 1	$3,000
Schedule 2	1,000

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until November 25, 5 P. M. (to be opened at 8 P. M.) bids will be received by the Stockton City Council, B. L. Trahern, City Clerk, City Hall, for the construction of a sand detritor with appurtenant channels, at the north Sewage Disposal Plant, a PWA project.

Plans and specifications obtainable from the office of City Engineer Lyle Payton.

BIDS OPENED

LOS ANGELES, Cal.—Macco-Robertson, Ltd., 815 Paramount Blvd., Clearwater, at $23,780 submitted the low bid to D. P. Nicklin, purchasing agent, Los Angeles Water & Power Bureau, for the installation of 24- and 16-inch cast iron water supply main on Venice Blvd. from Overland Ave. to Pacific Ave., PWA Dockett 1929-R Unit Nos. 81 and 82.

Total bids follow:

Macco-Robertson, Ltd.	$23,780.00
F. W. Weber, South Gate	24,239.00
Bennett & Taylor, L. A.	24,874.15
Kenbros Co., North Hollywood	2,880.00
Claude Fisher Co., Ltd., Los Angeles	28,535.00
A. L. Gabrielson, Riverside (bond incomplete)	30,491.50
Marko Matick, L. A.	31,652.30
Williams and Van Valkenburgh, Los Angeles	35,177.00

33— WATER WORKS

BIDS WANTED

SAFFORD, Ariz.—Until Nov. 23, 8 p.m., bids will be received by the Safford town council for the construction of the first unit of the proposed municipal water system, a 100,000-gallon elevated tank, 120 ft. high. Work is to be started by Dec. 1. F. B. Jacobson, city clerk.

This work is being done under a PWA loan and grant of $318,000 and $178,364, respectively. The proposed work will include 21.75 miles of 10-in. pipe line, concrete cut-off wall, intake chamber, valves, valve chamber, and a cast-iron distributing system which includes valves and fire hydrants. The present system which is operated by the Arizona Edison Co. has been purchased and the usable portions are to be reconditioned and incorporated in the new system.

SAN BERNARDINO CO.—PARKER BRIDGE—(GOVT.)

SAN BERNARDINO CO., Calif., and YUMA CO., Ariz.—Wickes Engineering & Construction Co., 1441 Second Avenue, Des Moines, at $137,954.50, submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, for constructing the Parker Bridge and approaches, across the Colorado River at Parker, California-Arizona Federal Lands Highway Project No. 8, in Yuma County, Arizona, and San Bernardino County, Calif., a length of 0.84 mile.

The bridge will be 675 feet in length and of concrete and steel construction.

The work involves:

(1) 130 units clearing;
(2) 38,550 c.y. unclassified excav.;
(3) 185 c.y. do. for struc. (dry);
(4) 80 c.y. do. (wet);
(5) 120,200 sta. yds. overhaul;
(6) 0.716 mi. finishing earth graded road;
(7) 218.5 c.y. Class A concrete;
(8) 625 c.y. Class D concrete;
(9) 151 c.y. Class S concrete;
(10) 120,034 lbs. reinforcing steel;
(11) 550,000 lbs. structural steel;
(12) 120 l.f. 18-in. CMP;
(13) 88 l.f. 36-in. CMP;
(14) 7,200 l.f. structural steel piling;
(15) Extra work, load tests;
(16) 93,000 lbs. steel sheet piling;
(17) 500 c.y. loose riprap;
(18) 2,700 l.f. wood guard rail;
(19) Extra work, remove and relay oil pipeline.

Total bids follow:

(A) Wickes Engrg. & Cons. Co., Des Moines	$137,954.50
(B) R. H. Travers, Los Angeles	148,871.60
(C) Ralph Bell, Portland	154,082.20
(D) Pacific Bridge Co., San Francisco	167,993.20
(E) D. W. Thurston, Los Angeles	185,850.52
(F) Engineer's Estimate	127,680.38

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$10.00	$ 6.00	$10.00	$25.00	$ 2.00	$ 5.00
(2)	.40	.80	.85	.85	.42	.35
(3)	1.00	1.00	2.00	5.00	1.25	2.00
(4)	100.00	25.00	90.00	12.00	126.50	20.00
(5)	.015	.02	.02	.005	.01	.01
(6)	300.00	400.00	500.00	500.00	350.00	500.00
(7)	40.00	30.00	30.00	40.00	32.00	25.00
(8)	32.40	29.50	27.00	28.00	32.00	25.00
(9)	40.00	30.00	20.00	30.00	20.00	20.00
(10)	.05	.05	.05	.05	.055	.07
(11)	.06	.07	.06	.09	.095	.065
(12)	3.00	3.00	2.50	3.00	2.35	2.00
(13)	5.00	8.00	5.00	5.00	7.10	6.00
(14)	3.75	3.10	4.50	4.40	7.85	4.25
(15)	500.00	500.00	500.00	500.00	500.00	500.00
(16)	.05	.08	.055	.06	.06	.06
(17)	2.50	5.00	4.00	3.00	3.50	3.00
(18)	1.00	1.30	1.25	1.00	1.25	1.00
(19)	100.00	100.00	100.00	100.00	100.00	100.00

BIDS OPENED

LOS ANGELES. — Macco Robertson Constr. Co., 815 Paramount Blvd., Clearwater, at $38,963.06, submitted low bid to the Los Angeles Water & Power Bureau, under Spec. No. X-74, for the construction of 12-in., 8-in., and 6-in. cast-iron pipe lines in various streets of the San Fernando Valley, a PWA project.

Complete total bids follow:

Macco-Robertson Constr. Co., Clearwater	$38,963.06
Fred W. Weber, South Gate	43,029.01
A. L. Gabrielson, Riverside	43,038.67
Williams & Van Valkenburgh, Los Angeles	57,318.60
Claude Fisher Co., Ltd., Los Angeles	59,020.16
V. C. K. Constr. Co., Los Angeles	71,603.78
Case Constr. Co., Alhambra	74,854.23
Bennett & Taylor, Los Angeles	83,966.70
J. C. Hickey, Alhambra	93,981.52
United Concrete Pipe Corp., Los Angeles	99,358.47

Marko Matick, Los Angeles, partial bid.

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES, Cal.—J. C. Hickey 320 S. Palm, Alhambra, at $37,296 was awarded contract by the Los Angeles Water and Power Commission, 207 S. Broadway, for construction of the Silver Lake gate tower. Spec. X-53.

LOW BIDDERS

HICKAM FIELD, T. H. — E. E. Black, Ltd., Honolulu, at $150,370 submitted low bid to Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W 397-37-7, for the construction and completion of the second phase of the fresh water system, including steel tandpipe and enclosure at Hickam Field.

The three low bids received at Hickam Field, follow:

E. E. Black, Ltd., Honolulu	$150,370
J. W. Glover, Honolulu	164,223
John Hansen, Honolulu	179,916

Following bids were received by the Constructing Quartermaster, at Fort Mason, for the above work:

Fred J. Early, Jr., S. F.	$211,183
Young Engr. Co., Honolulu	215,500

BIDS OPENED

ATWATER, Merced Co., Cal.—Underground Const. Co., 6 Alvarado Rd. Berkeley, at $64,199, submitted low bid to the Atwater City Council for the construction of a municipal waterworks system, a PWA project.

The project consists of the construction of a municipal water supply system, including wells, motors, pumps, an elevated steel tank, a distributing pipe system, fire hydrants and consumers' services. Two wells will be bored 200 feet deep, estimated to yield 1,500 gals. per min. each. Two 8-inch 4-stage turbine pumps with 50-h.p. motors will be installed, each of which will deliver 750 gals. per minute against a total head of 200 ft. There will be 53 gate valves on these lines and 7 fire hydrants with two 2½-inch openings on each. About 8.2 miles of pipe line will be constructed and the storage tank will have a capacity of 75,000 gals.

Complete total bids follow:

Underground Const. Co., Berkeley	$64,199
P. L. Burr, San Francisco	64,956
W. J. Tobin, Oakland	67,900
Oakland Sewer Const. Co., Oakland	67,918
Martin Murphy, Berkeley	73,700
H. E. Conner, Redwood City	78,500
Union Paving Co., S. F.	78,931
Claude Fisher Co., Ltd., L. A.	79,500
R. B. McNair, Oakland	81,840

Unit bid will be given shortly.

A grant of $35,182 was recently approved by the PWA.

W. E. Bedesen, Shaffer Bldg., Merced, engineer.

BOND ELECTION

ELKO, Nev.—An election to vote $25,000 in bonds to finance construction of waterworks improvements including drilling of a new well and extension of pipe mains, will be held in the City of Elko.

TO ASK BIDS

SACRAMENTO, Cal.—Bids will be asked shortly by Major Arthur W. Parker, Constructing Quartermaster Old Post Office Terminal Building, Sacramento for furnishing and erecting a 300,000-gallon steel water tank on 100-ft. tower on the site of the Army Air Corps Supply Depot near North Sacramento.

BIDS WANTED

SACRAMENTO, Cal.—Until Dec. 1, 2 P. M., bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Building, Sacramento, for drilling and casting two wells 250 feet deep on the site of the Army Air Corps Supply Depot near North Sacramento.

Specifications and bid information may be obtained from the above on deposit of $5.00.

BIDS OPENED

LOS ANGELES, Cal.—Williams & Van Valkenburgh, 1958 W 77th St., Los Angeles, at $11,095.25 submitted low bid to the Los Angeles Water & Power Bureau, D. P. Nicklin, Purchasing Agent, under Spec. No. X-73 for the construction of iron water supply mains in the San Fernando Valley, a PWA project.

FUNDS ASKED

TACOMA, Wash.—The City Utilities Department, W. A. Kunigk, City Water Supt., has filed application with the PWA at Olympia, E. R. Hoffman, State Director, for a grant of $700,000 to supplement $866,000 in city funds, to finance construction of water system improvements.

The project will include a store and shop building at S 35th and Union, 1-story concrete construction, 160x244-ft., built-up roof; metering 21,000 domestic services; additional industrial trunk main from S 21st to Tide Flats area, involving about 15,700 ft. of 2- to 35-in. steel pipe; distribution trunk mains involving about 48,805 ft. of 6- to 20-in cast iron pipe.

BIDS WANTED

SACRAMENTO. — Until December 1, 2 p.m., as previously reported, bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Building, Sacramento, for drilling and testing two gravel wall wells 250 feet deep on the site of the Army Air Corps Supply Depot, near North Sacramento.

Bids will be taken as follows:

(1) Lump sum, constructing and testing two gravel wall wells complete and ready for use to a depth of 250 feet, including 24-in. outer casing to a depth of 50 feet, 250 ft. of 12-in. inner casing including 30 ft. of perforated casing, and 6-in. gravel envelope completely surrounding the 12-in. casing.

(2) Unit prices: To be used as a basis for making deductions or additions to the contract amount:
- (a) Drilling well with casing 175 ft. to 200 ft. depth, per l.f.;
- (b) Do., 201 ft. to 225 ft. depth, per l.f.;
- (c) Do., 225 ft. to 250 ft. depth, per l.f.;
- (d) Do., 250 ft. to 275 ft. depth, per l.f.;
- (e) Do., 275 ft. to 300 ft. depth, per l.f.;
- (f) Do., 300 ft. to 325 ft. depth, per l.f.;
- (g) Do., 325 ft. to 350 ft. depth, per l.f.;
- (h) 12-in. innr casing in place, per l.f.;
- (i) 24-in. outer casing in place, per l.f.;
- (j) 6-in. gravel envelope in place, per l.f.;
- (k) Perforated or slotted 12-in. casing in place, per l.f.;
- (l) 12-in. standard well screen in place, per l.f.;
- (m) 12-in. shutter well screen in place, per l.f.

Specifications and bid information obtainable from the above office on deposit of $5.00.

BIDS OPENED

MONTEREY COUNTY, Cal.—M. J. Murphy, Inc., Carmel, at $2,417.98 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for the construction of a reinforced concrete water tank at the Molera Ranch, about 26 miles south of Monterey.

The work involves:

(1) 150 c.y. structure excavation;
(2) 36 c.y. Class A portland cement concrete;
(3) 3,900 lbs. bar reinf. steel;
(4) 1 MFBM Douglas fir timber;
(5) 830 l.f. 2-in. galvanized pipe;
(6) 510 l.f. 1½-in. galvanized pipe;
(7) one lot misc. piping.

Total bids follow:

(A) M. J. Murphy, Inc., Carmel, $2,417.98.
(B) F. O. Bohnett, Campbell, $3,419.
(C) E. T. Lesure, Oakland, $3,955.60.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.50	$ 3.40	$ 4.00
(2)	27.00	45.00	48.00
(3)	.0935	.08	.12
(4)	235.74	300.00	384.00
(5)	.36	.45	.40
(6)	.30	.35	.36
(7)	168.79	125.00	260.00

APPLICATIONS FILED

SACRAMENTO. — Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during October, 1936:

8806 (Sierra Co.), Calif. Harmony Mines, Downieville, Calif., for 25 c.f.s. from Deadwood Ravine and Sebastopol Springs and West Branch of N. Fork of N. Fork of Yuba River tributary to Yuba River to be diverted. For mining and domestic purposes. Estimated cost, $10,000.

8810 (Yuba Co.), Marilyn Mining Co., Wheatland, Calif., for 3 c.f.s. from Bear River Tributary to Feather River to be diverted. For mining purposes. Est. cost, $1000.

8812 (Lassen Co.), Allan Sickler, Cedarville, Calif., for 30 c.f.s. from Ash Creek Tributary to Pit River to be diverted. For power purposes; 1400 theo. horsepower to be developed.

8813 (Lake Co.), Frank W. Scofield, Upper Lake, Calif., for 3 c.f.s. from Rice Creek, tributary to Rice Fork of Eel River to be diverted. For recreational (fish culture) purposes. Est. cost, $1000.

8815 (Amador Co.), Sierra Mountain Water Co., 410 E. Market St., Stockton, Calif., for 270,000 acre-feet per annum from Cosumnes River tributary to Mokelumne River to be diverted for municipal purposes.

8816 (Amador Co.), Sierra Mountain Water Co., 410 E. Market St., Stockton, Calif., for 270,000 acre-feet from Cosumnes River tributary to Mokelumne River to be diverted for

power purposes; 13,360 theo. horsepower to be developed.

8818 (Riverside Co.), Anaheim Union Water Co. and Santa Ana Valley Irrigation Co., Anaheim, Calif., for 4 c.f.s. and 220 acre-feet per annum from Mill Creek tributary to Chino Creek, thence Santa Ana River to be diverted for irrigation and domestic purposes on 1000 acres. Est. cost, $8000.

8819 (Riverside Co.), Anaheim Union Water Co. and Santa Ana Valley Irrigation Co., Anaheim, Calif., for 20 c.f.s. and 1100 acre-feet from Santa Ana River to be diverted for irrigation and domestic purposes on 5000 acres. Est. cost, $40,000.

8820 (Riverside Co.), Anaheim Union Water Co. and Santa Ana Valley Irrigation Co., Anaheim, Calif., for 4 c.f.s. and 220 acre-feet from Chino Creek tributary to Santa Ana River to be diverted for irrigation purposes on 1000 acres. Est. cost, $8000.

8821 (San Joaquin Co.), Lucien Bordenave, French Champ, California, for 3 c.f.s. from Little John Crk. tributary to San Joaquin River to be diverted for irrigation and domestic purposes on 50 acres. Est. cost, $2400.

8822 (Trinity Co.), U. S. Trinity National Forest, Weaverville, Calif., for .043 c.f.s. from Whitehouse Gulch and 5 Springs tributary to Trinity River to be diverted for domestic purposes. Est. cost, $2431.

PERMITS ISSUED

SACRAMENTO.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during October, 1936:

4816, Application 8533 (Siskiyou County), issued to C. E. Warren, Somesbar, Calif., October 1, for 30,000 g.p.d. from two unnamed streams and two unnamed springs, for domestic purposes and irrigation of 20 acres. Estimated cost, $1000.

4820, App. 8654 (Siskiyou Co.), issued to Norcal Mining Co., Inc., Sawyers Bar, Calif., Oct. 2, for 3 c.f.s. from (1) E. Fork Evening Star Creek and (2) S. Fork Evening Star Creek, for power purposes.

4821, App. 8655 (Siskiyou Co.), issued to Norcal Mining Co., Inc., Sawyers Bar, Calif., Oct. 2, for 3 c.f.s. from E. and S. Forks of Evening Star Creek, for mining and domestic purposes.

4824, App. 8713 (Modoc Co.), issued to A. Hafer, Alturas, Calif., Oct. 5, for 1000 g.p.d. and 50 acre-feet per annum by storage, from an unnamed stream, for stock watering purposes and irrigation of 60 acres. Est. cost, $4000.

4825, App. 8248 (Mono Co.), issued to R. W. Brown, Bishop, Calif., Oct. 6, for 1500 g.p.d. from Rock Creek, for domestic purposes. Est. cost, $1000.

4826, App. 8528 (Placer Co.), issued to Hervada Queen Mining Co., Forest Hill, Calif., Oct. 10, for 1.0 c.f.s. from Big Secret Creek, for mining purposes. Est. cost, $1500.

4827, App. 8659 (Calaveras Co.), issued to South Fork Co., San Andreas, Calif., Oct. 13, for 0.9 c.f.s. from S. Fork Calaveras River, for mining purposes. Est. cost, $750.

4828, App. 8662 (Siskiyou Co.), issued to Robert Clinkenbeard et al, Fort Jones, Calif., Oct. 13, for 2 c.f.s. from 2 unnamed springs, for mining purposes. Est. cost, $1200.

4829, App. 8657 (Mono Co.), issued to S. W. Springmeyer and F. G. Lyman, Carson City, Nevada, Oct. 20, for 2 c.f.s. from an unnamed creek, for mining and domestic purposes. Est. cost, $1500.

34— PARKS AND PLAYGROUNDS

Plans Awaiting PWA Approval

SWIMMING POOL Cost, $——
RENO, Washoe County, Nevada.
Swimming pool (50x100) and wading pool for children (50x50) Idlewild Park.

Owner—City of Reno.
Engineer—C. L. Hill, Reno (city engineer).

A grant of $31,000 was recently approved by the PWA to supplement a $75,000 bond issue voted last August.

Bids will be asked as soon as plans are approved by the PWA.

BIDS OPENED

TECATE, San Diego Co., Calif.—City Wide Lawn Service, Inglewood, at $275, submitted low bid to Treasury Department, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Tecate.

Complete bids follow:

City Wide Lawn Service, Inglewood	$275.00
Peterson Bros., Inglewood	412.00
Milton D. Sissons, Inc., San Diego	600.00
F. W. James, National City	957.15

BIDS WANTED

SEBASTOPOL, Sonoma Co., Calif.—Until December 4th, bids will be received by the Treasury Department, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Sebastopol.

BIDS OPENED

ANAHEIM, Orange Co., Cal.—Peterson Bros., Inglewood at $1,683, submitted only bid to Procurement Division, Public Bldgs. Branch, Washington, D. C., for lawn sprinkler system at the U. S. post office at Anaheim.

CONTRACT AWARDED

BELL, Los Angeles Co., Calif.—Petersen Bros., Inglewood, at $549, awarded contract by Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Bell.

35— TUNNELS

BIDS WANTED

ALAMEDA-CONTRA COSTA Cos., Cal.—Until December 4, 11 A. M., bids will be received by the Board of Directors of Joint Highway District No. 13, Wallace B. Boggs, Chief Engineer, Supervisors Chambers, Old Court House, Oakland, for grouting of the existing tunnel lining in the Broadway Low Level Tunnel, Schedule "B".

Plans and specifications obtainable from the office of Chief Engineer Boggs, 1448 Webster St., Oakland, upon deposit of $50, of which $40 will be returnable.

BIDS WANTED

ALAMEDA-CONTRA COSTA Cos., Cal.—Until December 9, 11:30 A. M., bids will be received by the Board of Directors of Joint Highway District No. 13, in the Supervisors Chambers, Hall of Records, Fifth and Broadway, Oakland, for the completion of air ducts, paving, etc., of the Broadway Low Level Tunnel, Schedule "C", and including all work not included in Schedule "A".

Plans and specifications obtainable from the office of Chief Engineer Wallace B. Boggs, 1448 Webster St., Oakland, upon deposit of $50.00, of which $40 will be returnable.

BIDS WANTED

ALAMEDA-CONTRA COSTA Cos., Cal.—Until December 4, 11 A. M., as previously reported, bids will be received by the Board of Directors of Joint Highway District No. 13, in the Supervisors Chambers, Hall of Records, Fifth and Broadway, Oakland, for completion of grouting in tunnels around concrete lining already installed in the Broadway Low Level Tunnel, Schedule "B".

Plans and specifications obtainable from the office of Chief Engineer Wallace B. Boggs, 1448 Webster St., Oakland, upon deposit of $50.00, of which $40 will be returnable.

CONTRACT AWARDED

LOS ANGELES.—The Barrett Co. of New York, at $10,828.84, awarded contract by the Metropolitan Water District, Los Angeles, for furnishing 72,000 gal. coal tar pitch cutback sealing compound for curing concrete under Spec. No. 178.

BIDS OPENED

OWYHEE PROJECT, Oregon-Idaho.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 850-D, for furnishing welded plate-steel discharge pipes and appurtenances for installation at the Dead Ox pumping plant, Owyhee Project, Oregon-Idaho.

King Bros., Portland, Ore.—$2,409; f.o.b. Portland; 2% discount.

Steel Tank & Pipe Co., Portland—$3,150; f.o.b. Portland; net.

John W. Beam, Denver—$1,965; f.o.b. Chicago; ½% discount.

Southwest Welding & Mfg. Co., Inc., Alhambra—$2,850; f.o.b. Alhambra; net.

Beall Pipe & Tank Corp., Portland—$2,373.35; f.o.b. Portland; net.

Alco Products, Inc., New York—$4,268; f.o.b. Dunkirk; net.

S. Morgan Smith Co., York, Pa.—$3,124; f.o.b. York; net.

Berkeley Steel Constr. Co., Inc., Berkeley—$2,320; f.o.b. Berkeley; ½% discount.

Olson Mfg. Co., Boise—$3,592; f.o.b. Boise; net.

CONTRACT AWARDED

SAN FRANCISCO.—T. Obrien, at $18,340 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1669, for furnishing red rock.

Unit prices were:

(1) Approximately 21,000 c.y. of red rock, 6-in. to fines, $0.78, total $16,380.

(2) Approximately 2,000 c.y. red rock screenings, 1-in. to fine, $0.98, total $1,960.

BIDS OPENED

OAKLAND, Alameda Co., Calif.—N. Clark & Sons, 116 Natoma St., San Francisco, at $83.90 per ton, submitted the only bid received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing sulphur-silica joint compound for the remainder of the fiscal year ending June 30, 1937.

PIPE
Pacific Pipe Co.
PIPE - VALVES - FITTINGS
Furnished on purchase or rental basis. Complete facilities for installing pipe lines, railings and industrial piping of all kinds.
Write for Prices
209 Folsom Street - San Francisco

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SAN FRANCISCO.—Until Nov. 26, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Customhouse, San Francisco, under Bid No. 868-37-79, for furnishing 14,800 FBM Douglas fir lumber, No. 2, common.

Delivery fob Pier 3½, San Francisco waterfront, care Yerba Buena Field Office.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Nov. 26, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Customhouse, San Francisco, under Bid No. 868-37-78, for furnishing 2 small and 1 large pneumatic concrete vibrators, 300 ft. ¾-in. air hose, three hose couplings, and 2 pipe to hose couplings.

Delivery fob Fort Funston.

Specifications obtainable from the above office.

FORT McDOWELL, Calif. — Until December 1, 11 A. M., bids will be received by the Quartermaster, Fort McDowell, under Bid No. QM 536-37-16, for furnishing 125 incinerator grate bars, cast iron.

Delivery fob Pier No. 1, Fort Mason, foot of Laguna Street.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Nov. 30 10 A. M., bids will be received by the Superintendent of Army Transport Service, San Francisco Port of Embarkation, Fort Mason, under Bid No. 928-37-9, for furnishing the following equipment for the U. S. A. T. "St. Mihiel":

(1) 12 winches, suitable for ½-inch dia. 6x19 wire rope, fitted with 115-volt direct current motors for each pair of winches;
(2) 12 sets of blocks consisting of two double upper and two single lower;
(3) 5,500 ft. ½-in. wire rope, 6x19 galv. high grade plow steel.

For the U. S. A. T. "U. S. Grant":

(4) 16 winches, suitable for ½-inch dia., 6x19 wire rope;
(5) 16 sets of blocks, consisting of two double upper and two single lower;
(6) 9,000 ft. wire rope, ½-inch dia., 6x19 galv. high grade plow steel.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until Nov. 23, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-109, for furnishing and delivering 7,500 tons of rip-rap stone at various points along the Sacramento River between Sacramento and the vicinity of Colusa.

Specifications obtainable from the above office.

FRESNO.—Until November 27, 11 a.m., bids will be received by Lieut. G. T. Stump, Purchasing & Contracting Officer, Fresno District CCC, 414 P St., Fresno, under Bid No. 5905-37-17, for furnishing materials for the rehabilitation of 8th period camps in the Fresno District CCC, as follows:

(1) Lumber;
(2) Millwork;
(3a) Roofing, Grade A, 50 lbs. net;
(3b) Roofing, Grade A, 32 lbs. net;
(3c) Floor covering, mastic;
(4) Hardware;
(5) Plumbing.

Delivery f.o.b. 414 P St., Fresno.

Specifications obtainable from the above office, and on file at the office of Daily Pacific Builder.

FORT MASON. — Until November 24, 2 p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-167, for furnishing 1,000 charges for 2½-gal. soda and acid type fire extinguishers.

Specifications obtainable from the above office.

SAN FRANCISCO. — Until November 24, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-77, for furnishing approximately 4,000 c.y. of transit mixed concrete for use in the construction of Seacoast Defenses at Fort Funston.

Delivery by truck at the site of work in the vicinity of Fort Funston.

Specifications obtainable from the above office.

FORT McDOWELL. — Until November 27, 11 a.m., bids will be received by the Quartermaster, Fort McDowell, under Proposal No. QM 536-37-15, for furnishing steel floor plates, paint, crushed rock, pipe fittings, hot water tanks, portland cement concrete aggregate, etc.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Nov. 23 10 A. M., bids will be received by Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-162, for furnishing miscellaneous supplies, including:

(1) 90 tons crushed rock, blue;
(2) 11 tons clean blue screening;
(3) 23 tons river sand;
(4) 41 bbls. portland cement;
(5) 70 tons roofing gravel;
(6) 840 gals. asphalt emulsion for penetration macadam and surface treatment work;
(7) 27,000 lbs. asphalt-saturated felt
(8) 24 pieces wire glass;
(9) 115 gals. paint;
(10) 37.5 tons built-up roofing asphalt;
(11) 14,226 FBM Douglas fir lumber.
(12) 276 FBM Redwood lumber.

Specifications obtainable from the above office.

FORT MASON. — Until November 23, 2 p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-163, for furnishing two weighing scales; 10,000 ft.b.m. Douglas fir lumber; and 6 oven thermometers.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until November 23, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-76, for furnishing Oregon Pine lumber, plywood, wallboard, and nails.

Delivery f.o.b. Fort Funston.

Specifications obtainable from the above office.

FORT MASON.—Until November 27, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-160, for furnishing one ammonia compressor, vertical type, approximately 6½-in. bore by 6½-in. stroke.

The compressor is for shipment to the Department Quartermaster, Philippine Department, Manila, P. I.

Specifications obtainable from the above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until November 23, 2 P. M., bids will be received by H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4040, for furnishing 1500 ft. wire rope; fob bidder's shipping point and/or Pasadena.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Nov. 24, 2 P. M., bids will be received by the Forest Service, F. F. Moran, Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 934, for furnishing 12 double drum hoists with power take-off complete and ready for mounting on and operating with either Caterpillar RD-7 or RD-8 tractors.

Delivery fob bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Until November 24, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4041, for furnishing 40 miles of No. 12 AWG copper covered steel telephone line wire.

Delivery for all-rail shipments to Marlington, W. Va.

Specifications obtainable from the above office.

CALIFORNIA STATE

SACRAMENTO, Calif.—Until Nov. 30, 12 M., bids will be received by the State Purchasing Agent, Room 319, Capitol Building, Sacramento, for furnishing burning and lubricating oils and greases for the Division of Highways, including 4,600,000 gals. of gasoline.

Specifications obtainable from the above office.

FRESNO, Fresno Co., Calif.—Until November 27, 3 P. M., bids will be received by F. F. Green, Superintendent of Equipment, Shop 6, Division of Highways, 645 W Olive Ave., Fresno, for the sale of the following equipment:

CHC 75 Compressor, metal-weld, Worthington, 7x6 portable, 330-c.f., and lot of miscellaneous new and used parts.

CHC 82 Mowing Machine, McCormick-Deering, Big 6, 5-ft., Sickle bar.

All of the equipment listed may be inspected at the Division of Highways Yards, 645 W Olive Ave., Fresno, from 8:30 A. M. to 4:30 P. M., on any working day.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

GYPSY—One enclosed type steam gypsy and spares; Mare Island. Sch. 9212; Nov. 17.

SAW—Motor-driven angling arbor saw with roller table, ball bearing; Mare Island. Sch. 9215; Nov. 17.

GYPSY—One enclosed type steam gypsy and spares; Mare Island. Sch. 9251; Nov. 17.

CABLE—48,000 ft. electric cable; Mare Island. Sch. 9216; Nov. 20.

HOBBING machine, motor-driven, universal gear; Mare Island. Sch. 9232; Nov. 20.

PAINT—200 gals. lead chromate paint; 200 gals. gray finish coat paint (glyceryl phahalate type); Mare Island. Sch. 8221; Nov. 20.

ROPE—7,200 ft. galvanized plow steel wire rope; Mare Island. Sch. 9231; Nov. 20.

PUMP—Combined auxiliary air and circulating pump and spares; Mare Island. Sch. 9239; Nov. 24.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

STEEL, plates, sheets and strips; Mare Island. Sch. 9277; Nov. 27.

TELEPHONE equipment: 4000 telephone cords, 810 radio headsets, 1,100 telephone headbands, 300 fixed capacitors and 180 radio headsets; Mare Island. Sch. 9263; Nov. 27.

SHAPER, motor-driven, and spares; Mare Island. Sch. 9288; Dec. 1.

LATHE, motor-driven, turret, and equipment; Mare Island. Sch. 9295; Dec. 1.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

LOS ANGELES CITY

LOS ANGELES.—Until November 23, 2 p.m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing electric motor driven, vertical screw and horizontal centrifugal pumping units f.o.b. site of Fletcher Drive pumping station under Spec. X-67.

Bids will be taken on the following:

(1) 1 only, 2250 GPM unit;
(2) 2 only, 5000 GPM unit;
(3) 1 only, 18,000 GPM unit;
(4) 2 only, 18,000 GPM units (two speeds);
(5) 1 only, vertical screw propeller type, 18,000 GPM unit.

Specifications obtainable from the above office.

EAST BAY UTILITY DIST.

OAKLAND, Calif.—Until Nov. 25, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, 512 16th St., Oakland, John H. Kimball, Secretary, under Proposal No. 819, for furnishing approximately 92,500 l.f. Oregon Pine lumber.

Specifications obtainable from the above address.

SANTA CLARA COUNTY

SAN JOSE, Santa Clara Co., Calif. —Until December 8, 5 p.m., bids will be received by the San Jose Board of Education, Walter L. Bachrodt, Secretary, for furnishing instructional shop supplies, electrical supplies, and art metal supplies for the school year 1937-1938.

Specifications obtainable from the office of the Superintendent of Schools.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

November 23, 10 A. M.

BID NO. 2877—1026 l.f. reinforced concrete pipe, 15-in.; f.o.b. Tunitas Crest Road, bet. Skyline and Coast Road, San Mateo County.

BID NO. 2879—9000 ft.b.m. Douglas Fir lumber; f.o.b. Yacht Harbor, Palo Alto.

BID NO. 2880—18,000 ft.b.m. Oregon Pine lumber; f.o.b. trench site, San Jose.

November 24, 10 A. M.

BID NO. 2878—2,000 l.f. 8-in. wood stave pipe, creosoted; f.o.b. trench site, Palo Alto.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until November 23, 10 a.m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., under Bid No. 2881, for the rental of one 1½-ton truck with 7x12-ft. stake body.

Delivery f.o.b. 567 14th St., Oakland.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

NOVEMBER 23, 10 A. M.:

BID NO. 2875: 4,000 sacks of portland cement; fob City of Oakland Corp. Yard No. 1, 501 Fifth Ave., Oakland;

BID NO. 2874: 1,000 tons dry concrete mix aggregate; fob 25th and San Pablo Ave., Oakland;

BID NO. 2873: 200 tons asphaltic concrete, plant mixed, fob Antioch High School, Antioch.

NOVEMBER 24, 10 A. M.:

BID NO. 2876: Millwork and lumber; fob Old P. O. Bldg., SE Market and San Fernando, San Jose.

Specifications obtainable from the above office.

FORT MASON.—Until December 2, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-161, for furnishing one power and auxiliary lighting plant outfit, consisting of one electric, marine-type generator; one automatic switchboard; one auxiliary light and power panel; one electric direct current motor drive generator; and one spark arrester type silencer.

Alternate bids will be considered on a Diesel engine provided with a compressed air auxiliary starter, or for an auxiliary gasoline starter.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE. — Until December 1, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3198, for furnishing miscellaneous supplies and equipment, including:

Concrete reinforcement bars, spring steel bars, drill rods, roofing straps, steel tubing, lead pipe sleeving, sheet copper, strip brass, nails, water closet chain, phosphor-bronze spring wire, steel typewriter tables, sanitary fixtures, gate valves, globe valves, angle valves, bibb cocks, basin plugs, railing fittings, electric space heaters, current transformers, conduit bushings, toggle switches, cotton insulation tape, Manila rope and braided cotton line.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE. — Until November 27, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3197, for furnishing 1,000,000 gals. motor grade gasoline; 175,000 gals. ethyl gasoline; and 250,000 gals. kerosine.

Specifications obtainable from the above office and from the Assistant Purchasing Officer, The Panama Canal, Fort Mason, San Francisco.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Nov. 27, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1690, for furnishing 24 natural gas burners and accessories.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until November 23, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1689, for furnishing 1000 ¾-in. bronze coupling cocks for the Water Department.

Specifications obtainable from the above office.

VETERANS' ADMIN.

SAN FRANCISCO.—Until November 24, bids will be received by the Procurement Division, Veterans' Administration, Washington, D. C., under Proposal No. G-178, for furnishing three portable diet kitchen tables, Size No. 2, for the Veterans' Facility, San Francisco.

Specifications obtainable from the above office.

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November 28, 1936

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CONTRA COSTA CANAL SECTION READY TO LET

Bureau To Release First Job In Central Valley Project

Specifications are being written for the first section of the Contra Costa Conduit and this contract may be first advertised in the Central Valley Water Project, it is reported in Washington. Complications in procuring right-of-way for portions of the Friant Division work on which engineering was completed some time ago have delayed construction contracts, originally scheduled to initiate the project.

News dispatches said the Bureau of Reclamation was completing specifications for the conduit, which will provide fresh water for the industrial and agricultural section below the Sacramento delta region, and the first section to be offered for contract will be from four to six miles in length.

Walker Young, construction engineer, reported final location surveys complete for 12 miles of the 35-mile canal. Water will be diverted at Rock Slough on the west side of the delta area and will be carried across the flats near Oakeley, thence through a point near Antioch and will serve the region as far west as Walnut Creek.

Bureau engineers also have completed location surveys for more than fifty miles of main canals in the Friant Division leading north to Madera and south to Kern Co. Specifications are ready on head sections of these two canals and probably will be advertised in conjunction with the Friant Dam contract. Delay in this division is attributed to difficulty in securing property rights.

Site exploration is continuing at three points in the Kennett Division. Work is being done at Kennett site on the Sacramento River 14 miles from Redding, and at the Baird site on the Pit River above its confluence with the Sacramento and on the Sacramento at Table Mountain near Red Bluff.

MATERIAL PRICE AVERAGE RISES

Higher prices for certain building materials brought the index of the U. S. Bureau of Labor Statistics for the group as a whole to 87.7 in the week ending Nov. 14, an increase of two-tenths of one per cent during the week. Higher prices for yellow pine lath and timbers, resin and turpentine were largely responsible for the change. Average prices of common brick, chinawood oil and sand were lower. Cement, heating and plumbing and structural steel did not change. The current index is the highest reached since the current uptrend began. It compares with 87.2 on October 17, 1936; 86.0 on November 16, 1935; 85.0 on November 17, 1934; 84.7 on November 18, 1933; 70.7 on November 19, 1932.

Bethlehem Offers Only Proposal on Floating Dry Dock

WASHINGTON, D. C., Nov. 25. Bethlehem Shipbuilding Corp. today submitted the only bid received by the Navy Department for constructing a mammoth floating dry dock to be delivered at Pearl Harbor Naval Base. The basic bid on the structure was $21,312,000. Five alternative proposals were offered, the lowest figure being $16-604,000.

Since the Navy's appropriation for the dry dock is only $10,000,-000 an award will have to be deferred until additional funds are available.

The bid was prepared and submitted by the New York offices of the Bethlehem Corporation, although it is undrstood the construction will be done at a site on San Francisco bay if the contract is awarded.

The dry dock is to be 1016 feet in length with a 165-foot beam, sufficient to accommodate any existing naval craft. It will be equipped as a miniature floating navy yard capable of sustaining itself off shore, it is reported, although the Navy has declined to issue any detailed description.

34 BUILDINGS TO BE WRECKED FOR INTERURBAN

L. A. Firm Is Low Bidder On Big Demolition Contract

Bids for wrecking thirty-four buildings on the right-of-way for the Bay Bridge railway and interurban terminal in San Francisco were opened yesterday at the offices of the Bay Bridge Division of the State Department of Public Works. The low bid was that of Cleveland Wrecking Company of Los Angeles, which offered to demolish and remove the structures in return for the salvages materials and a payment from the state of $93,400.

Other bids were received on the same proposition as follows: Symon Bros., San Francisco, $111,-894; Los Angeles Wrecking Co., Inc., $114,812; Chas. L. Harney, San Francisco, $143,000; Barrett & Hilp, San Francisco, $159,500.

Although the contract is a major wrecking job, the amount of salvage is small in proportion, according to bidders. This is due to the large number of masonry structures in the group. There are 24 one- two- and three-story brick buildings, six multi-story concrete, two one-story frame and two corrugated iron. It is estimated that the demolition will involve removal of about 12,000 yards of reinforced concrete. Principal items of salvage will include 5,000,000 brick and 1,000,000 board feet of lumber.

Bids were received by Charles E. Andrew, bridge operations manager. The opening was attended by Assistant State Highway Engineer George McCoy.

REAFFIRM STANDARD FOR CONCRETE JOIST

The Division of Simplified Practice of the National Bureau of Standards has announced that Simplified Practice Recommendation R87-32, Forms for Concrete Joist Construction Floors, has been reaffirmed without change by the standing committee of the industry.

State To Budget $28,000,000 Construction Fund For Major Highway Work In 1937-39

The California State Highway Commission will budget about $28,000,000 for major project construction in the 1937-39 biennium, Chairman Harry A. Hopkins declared yesterday speaking before the highway section of the California State Chamber of Commerce in annual session in San Francisco. This figure represents the estimated revenue from the state gasoline tax and the state's Federal aid allotment of $9-500,000 to be available for new construction after other allocations from the highway division revenue have been made.

The biennium budget will total $73,700,000, Mr. Hopkins said.

Division of construction funds between northern and southern groups as provided by the state law will give about $15,000,000 to the north and $13,000,000 to the south. In addition the incorporated municipalities will receive about $15,500,000 from the two quarter-cent allocations to cities to be distributed in proportion to population.

Mr. Hopkins said the commission would present its recommendations to State Director of Public Works Earl Lee Kelly soon after the first of the year. He pointed out that the commission's discretionary powers could be exercised in budgeting the construction funds over only a fraction of the total, the state law and Federal aid regulations determining in large measure the locations for expending the money.

No plans have been made for programming the $1,800,000 for feeder roads to be granted the state by the Federal government during the biennium or the $3,600,000 from the same source for grade separations. The feeder road money must be matched by an equal amount of state funds. These programs, however, cannot be prepared until the Secretary of Agriculture issues regulations for their expenditure.

Mr. Hopkins' address to the chamber section in the morning was followed in the afternoon by that of Dr. L. I. Hewes, deputy chief engineer for the U. S. Bureau of Public Roads. Dr. Hewes told of the particiation of the Federal government in California highway construction both on state routes and those through Federal reservations. He said the state was entering the period when reconstruction of old routes to modern traffic standards would become an increasingly large proportion of each year's expenditure. He predicted a consequent higher cost per mile of construction as a result, quoting figures from New York showing a cost per mile there of $43,555 for Federal aid highways constructed to the present time, compared with an average of $36,000 per mile in California.

The delegates also heard Ralph G. Wadsworth, deputy state WPA administrator, who said WPA was inviting local agencies to submit additional road construction projects suitable for WPA labor.

Considerable time was devoted to problems of improving the safety factor of highway travel both by road design and by traffic control. Reports on this subject were presented by Harry A. Mitchell, chairman of the state street and highway safety committee; Niel Nielson of the State Department of Motor Vehicles; J. C. Nowell, chairman of the committee on grade-crossing study, and T. H. Dennis, state highway maintenance engineer.

C. S. Pope, state highway construction engineer, reported on the use of prison labor in road construction. Chief Engineer F. A. Kittredge of the National Park Service told of the park approach road construction program.

Hubert M. Walker, a director of the state chamber, presided at the section meeting and concluded the day's program with a discussion of proposals for changes in legislation affecting the state highway prgram which may be met at the next session of the legislature.

The section meeting was attended by members of the state chamber from all parts of the state and a number of officials from the state and Federal highway staffs were present, including State Highway Engineer C. H. Purcell and District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads; District Engineers Jno. H. Skeggs, L. H. Gibson and F. W. Haselwood of the state division; F. C. Grumm of the headquarters staff.

COURT TO HEAR TRUCK RATE CASE

The State Supreme Court yesterday granted a petition of the State Division of Highways for a writ of review as the basis of a test of the validity of the State Highway Carriers' Act as applied to dump truck operations on highway maintenance work. Arguments will be heard in San Francisco January 5. The State Railroad Commission will be called upon to defend its action in establishing a minimum tariff for dump truck rentals on highway maintenance, in which the State Division of Highways contends it has exceeded its authority. Imposition of a uniform rental rate for equipment hired by the state would nullify the State Contract Act requiring the acceptance of the lowest responsible bid. Frank B. Durkee, member of the highway division legal staff, will submit as one of the principal points in his argument.

GATE BRIDGE TOLL PLAZA BIDS INVITED

District Directors Taking Figures On Two Contracts December 9th

Bids on two contracts, the construction of the toll plaza administration building of the Golden Gate Bridge, and painting floor structure, approaches and viaduct of the bridge, will be opened December 9, according to the announcement of Secretary W. W. Felt, Jr. of the Golden Gate Bridge and Highway District.

The contract for the toll plaza calls for the construction of a one-story wood frame building with built-up asphalt roofing, linoleum floors and steel sash which will house the maintenance and administration offices. Steam and electric heating work is included in the contract as well as the construction of 14 toll collection booths

The toll plaza and administration building will cost approximately $150,000. Architect Irving F. Morrow and the firm of Strauss and Paine, engineers for the bridge designed the toll plaza and buildings.

Foundation and structure work for the plaza is being done by Eaton and Smith on a cost plus basis under an extra work order. This portion of the work is estimated to cost $135,000.

The painting contract, for which no cost has been announced, calls for painting the steel floor structure, steel approach structures and the high viaduct of the bridge.

Plans and specifications for both jobs may be obtained from the office of the secretary of the Golden Gate Bridge District, Suite 1000, 111 Sutter Street, upon deposit of $50 for each set.

Sewage Treatment Plant for Eastbay May Be WPA Job

Funds for construction of a $2,000,000 sewage treatment plant to be used jointly by Oakland, Berkeley and Emeryville will be asked from WPA, it is reported. Mayor W. J. McCracken of Oakland is expected to present the application while in Washington where he is attending the annual conference of mayors.

Share of the cost to be borne by the municipalities probably will be provided through a bond issue if the project receives WPA sanction.

The plant would be located on the bay front to treat the raw sewage now deposited in the bay from main outfall lines. Although such a project has been discussed frequently no plans have been drawn.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

2396	Happy	Owner	3450
2397	Mills	Owner	5000
2398	Gantner	Commercial	2000
2399	Standard	Owner	3500
2400	McCabe	Owner	4500
2401	Yellow	Owner	1500
2402	Kormel	Standard	350
2403	Nichols	Land	7500
2404	Rakin	Owner	1650
2405	Downey	Schell	4000
2406	Women's	Lindgren	5000
2407	Damattei	Independent	1000
2408	General	Cahill	4000
2409	South	Owner	4000
2410	Ashman	Owner	4000
2411	Rolkin	McLean	1000
2412	Huenergard	Moret	3500
2413	Allen	Messenger	8000
2414	Moret	Owner	3500
2415	Calif	Owner	4000
2416	Giorgi	Owner	4000
2417	Herzig	Herzig	6000
2418	Sullivan	Elkington	1000
2419	Strand	Owner	30000
2420	Williams	Owner	3000
2421	Williams	Owner	3000
2422	Williams	Owner	3000
2423	Johnson	Owner	4000
2424	Texas	Owner	3750
2425	Ratto	Owner	2500
2426	Burke	Lindsay	3500
2427	Pasmore	Owner	1500
2428	Cordano	Thulin	1800

DWELLING
(2396) W. 29TH AVE., 325 N RIVERA. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 2194 30th Ave.
Architect—Not Given. $3450

ALTERATIONS
Owner—Mulls Estate, Inc., 188 Mills
Owner—Mills Estate, Inc., 1088 Mills Bldg.
Architect—Not Given. $5,000

ALTERATIONS
(2398) MISSION, BET. 10TH AND 11TH. Alter sample room.
Owner—Gantner & Mattern, 11th & Mission.
Contractor — Commercial Fixture Mfg. Co., 55 Morris.
Architect—Miller & Pflueger, 580 Market. $2,000

DWELLING
(2399) S. KIRKHAM, 83 W 22ND AVE. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. $3,500

DWELLING
(2400) SW 26TH AVE. & OCEAN. One-story and basement frame dwelling.
Owner & Builder—James McCabe, 716 Ulloa.
Architect—Donnell E. Jaekle, 126 Post St. $4,500

ALTERATIONS
(2401) SW TURK AND JONES. Alter office.
Owner—Yellow Cab Co., Prem.
Architect—Not Given. $1,500

DWELLING
(2402) E. 30TH AVE., 325 N SANTIAGO. One-story and basement frame dwelling.
Owner—Arthur Kormel, care Contractor.
Contractor—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. $3,500

DWELLING
(2403) NE 47TH AVE. AND ANZA ST. Two-story and basement frame dwelling.
Owner—Mr. and Mrs. Nichols, 790 45th Ave.
Contractor — Land Development Co., 364 Bush St.
Architect—Not Given. $7,500

RETAINING WALL
(2404) W. 6TH ST., 125 S RUSS. Retaining wall.
Owner—Edward Rakin, Argyle Hotel.
Architect—Not Given. $1,650

ALTERATIONS
(2405) 2ND & HOWARD STREETS. Alter loft building.
Owner—Downey Estate, Financial Center Bldg.
Contractor—Fred Schell, 666 Mission.
Architect—Not Given. $4000

ALTERATIONS
(2406) 640 SUTTER ST. Alter club.
Owner—Women's Athletic Club, 640 Sutter.
Contractor—Lindgren & Swinerton, Inc., 225 Bush.
Architect—D. D. Stone, 381 Bush St. $5,000

ALTERATIONS
(2407) 1982 AND 97 WILLIAMS ST. Alter dwelling.
Owner—Baci Demattei, Prem.
Contractor — Independent Construction Co., 549 Fell St.
Architect—Not Given. $1000

ALTERATIONS
(2408) 2601 NEWHALL ST. Alter mill house.
Owner — General Brewing Company, Prem.
Contractor—Cahill Bros., Inc., 206 Sansome St.
Architect—Frederick H. Meyer, Kohl Bldg. $4,000

ALTERATIONS
(2409) NE COR. 2ND & TOWNSEND STS. Alter warehouse.
Owner—South End Warehouse Co., 625 2nd St.
Architect—W. P. Day, 405 Montgomery. $4,000

DWELLING
(2410) W. GRAND VIEW, 244 N MORGAN ALLEY. One-story & basement frame dwelling.
Owner—Carl Ashman, 662 Valencia.
Architect—B. K. Dobkowitz, 425 Monterey Blvd. $4,000

RETAINING WALL
(2411) NW COR. 6TH & MINNA STS. Retaining wall.
Owner—E. M. Rolkin, 136 McAllister.
Contractor—R. A. McLean & Co., 602 California.
Architect—Not Given. $1000

DWELLING
(2412) W. 35TH AVE., 150 N RIVERA. One-story and basement frame dwelling.
Owner—D. G. Huenergard, 120 Montalvo.
Contractor—Villa Moret, Inc., 1008 Claus Spreckels Bldg.
Architect—Not Given. $3500

DWELLING
(2413) NE TERRACE DRIVE & TERRACE WALK. Two-story and basement frame dwelling.
Owner—James H. Allen, 121 Balceta.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley.
Architect—Warren C. Perry, 260 California. $8,000

DWELLING
(2414) W. 35TH AVE., 175 N RIVERA. One-story and basement frame dwelling.
Owner—Villa Moret, Inc., 1008 Claus Spreckels Bldg.
Architect—Not Given. $3,500

ALTERATIONS
(2415) 405 MONTGOMERY. Alter office.
Owner — California Montgomry, Prem.
Architect—W. P. Day, Financial Center Bldg. $4,000

DWELLING
(2416) S QUESADA 300 W Selby. One - story and basement frame dwelling.
Owner & Builder—Nello Giorgi, 2055 Greenwich St.
Architect—Not Given. $4,000

DWELLING
(2417) SW COR. CRESTLAKE and Goleta. One-story and basement frame dwelling.
Owner and Builder — A. J. Herzig, 700 Sloat Blvd.
Architect—A. H. Larsen, 333 Kearny Street. $6,000

ALTERATIONS
(2418) 114 WALNUT. Alter dwelling.
Owner—K. I. Sullivan, 102 Walnut.
Contractor—G. J. Elkington, Jr., 33 Sutro Heights Avenue.
Architect—Not Given. $1,000

APARTMENTS
(2419) W PIERCE 69 S Hayes St. Three-story frame apartments.
Owner—T. Strand, 670 Victoria.
Architect—Schultz & Dakin, 544 Market Street.
Engineer—F. W. Dakin, 625 Market Street. $30,000

DWELLING
(2420) E CONRAD, 61 S DIAMOND. One-story and basement frame dwelling.
Owner—J. B. Williams, 137 Shakespeare.
Architect—Not Given. $3000

DWELLING
(2421) E CONRAD, 92 S DIAMOND. One-story and basement frame dwelling.
Owner—J. B. Williams, 137 Shakespeare St.
Architect—Not Given. $3000

DWELLING
(2422) E CONRAD, 123 S DIAMOND. One-story and basement frame dwelling.
Owner—J. B. Williams, 137 Shakespeare.
Architect—Not Given. $3000

DWELLING
(2423) W. 17TH AVE., 169 N WAWONA. One-story and basement frame dwelling.
Owner—S. F. Johnson, 600 Wawona.
Architect—Not Given. $4000

SERVICE STATION
(2424) NE COR. MONTEREY AND RIDGEWOOD. Steel service station.
Owner—The Texas Co., Hearst Bldg.
Architect—Not Given. $3750

ALTERATIONS
(2425) 1362 VALENCIA. Alter flats.
Owner—G. Ratto, 3349 18th St.
Architect—Not Given. $2500

DWELLING
(2426) E. DOUGLAS, 86 S ARMY. One-story and basement frame

dwelling.
Owner—Ray Burke, 483 Valencia.
Contractor—C. T. Lindsay, 140 Duboce Ave.
Architect—Not Given. $3500

ALTERATIONS
(2427) 56 LLOYD. Alter dwelling.
Owner—H. B. Pasmore, 291 Alvarado Road, Berkeley.
Architect—Not Given. $1500

ALTERATIONS
(2428) 3440 BRODERICK. Alter flats.
Owner—Edward Cordano, care Contractor.
Contractor—A. L. Thulin, 63 Brady St.
Architect—Not Given. $1800

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1782	Regan	Johnson	5000
1783	Pfrang	Owner	5000
1784	Strand	Owner	3250
1785	Fisher	Johnson	3200
1786	Bischoff	Owner	7000
1787	Kent	Henderson	1950
1788	Frinko	Van Aalst	3800
1789	Home	Gabriel	3500
1790	Warner	Owner	2000
1791	Calif	Leiter	12000
1792	Taylor	Owner	5700
1793	Trimlett	Owner	4000
1794	City	Owner	8000
1795	Pereira	Owner	3650
1796	Fuller	Kulchar	1500
1797	Havalin	Lyon	5000
1798	Haight	Lyon	5000
1799	Scharer	MacDonald	3600
1800	Morrison	Rueterfield	1000
1801	American	Swanstrom	3500
1802	Clark	Crane	7300
1803	Rule	Lynn	1999
1804	Lum	Jensen	9000
1805	Appegno	Aitchison	2400
1806	Pond	Steffensen	4000
1807	Fleming	Owner	5000
1808	Hagen	Hagen	3000
1809	Crocker	Crocker	6000
1810	Herold	Walker	7000
1811	Frick	Parks	6000
1812	Momas	Gaubert	13000

DWELLING
(1782) 3722 YOUNG AVE., OAKLAND. One-story 6-room dwelling.
Owner—J. D. Regon, 3301 Champion St., Oakland.
Contractor—O. W. Johnson, 3721 Young Ave., Oakland.
Architect—Not Given. $5,000

DWELLING
(1783) 5861 MORAGA AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—H. C. Pfrang, 5659 Ocean View Dr., Oakland.
Architect—Not Given. $5,000

DWELLING
(1784) 3814 LINCOLN AVE., OAKLAND. Two-story 5-room dwelling.
Owner and Builder—C. B. Strand, 2435 Damuth St., Oakland.
Architect—Not Given. $3250

DWELLING
(1785) 1735 104th AVE., OAKLAND. One-story 6-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro.
Also 1-story garage, $125.

DWELLING
(1786) 390 VASSAR, BERKELEY. Two-story 6-room frame dwelling.
Owner and Builder—J. A. Bischoff, 2717 Russell, Berkeley.
Architect—Not Given. $7,000

ALTERATIONS
(1787) 745 SAN DIEGO, BERKELEY. Alterations.
Owner—Edward Kent, 745 San Diego, Berkeley.
Contractor—H. K. Henderson 20 Avis Road, Berkeley.
Architect—Not Given. $1,950

DWELLING
(1788) 3526 MEADOW ST., OAKLAND. One-story 5-room dwelling.
Owner—J L Frinko, Prem.
Contractor—W. Van Aalst, 2039 34th Ave.
Architect—Not Given. $3800

DWELLING
(1789) 4432 STATE ST., OAKLAND. One-story 5-room dwelling.
Owner—Home Loan Security Co., 1447 Franklin St.
Contractor—W. N. Gabriel, 1447
Architect—Not Given. $3500
Also 1-story garage, $250.

STEEL TOWER
(1790) 323-25-27 21ST ST., OAKLAND. Steel tower.
Owner & Builder—Warner Bros., 435 Valle Vista Ave.
Architect—H. C. Ferree, 435 Valle Vista Ave. $2000

FACTORY
(1791) 711 CAMELIA, BERKELEY Steel Ink Factory.
Owner—Calif. Ink Co., Prem.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland.
Architect—Not Given. $12,000

DWELLING
(1792) 719-721 BEATIE ST., OAKLAND. One-story 8-room duplex dwelling.
Owner and Builder — F. S. Taylor, 1622 Harrison St., Oakland.
Architect—Not Given. $5700

DWELLING
(1793) 1823 DURANT AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Robt. Trimlett, 924 Santa Clara Ave., Alameda.
Architect—Not Given. $4,000
Also 1-story garage, $300.

ALTERATIONS
(1794) 918-20 FALLON ST., OAKLAND. Interior alterations.
Owner and Builder—City of Oakland, City Hall.
Architect—Not Given. $8,000

DWELLING
(1795) 3301 COLUMBIAN DRIVE, OAKLAND. One-story 5-room dwelling.
Owner & Builder—Q. V. Pereira, 2212 East 17th St., Oakland.
Architect—Not Given. $3,650

ALTERATIONS
(1796) 515 14th ST., OAKLAND. Alterations.
Owner—Fuller Estate.
Contractor—S. Kulchar Co., 731 East 10th St., Oakland. $1500

DWELLING
(1797) 1966 CARTER Street, OAKLAND. Two-story 6-room dwelling.
Owner—H. Havolin.
Contractor—Chas. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given. $5,000

DWELLING
(1798) 2426 LEIMERT Blvd., OAKLAND. Two-story 6-room dwelling.
Owner—Dr. F. K. Haight, 2426 Otis Drive, Oakland.
Contractor—Chas. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given. $5,000

DWELLING
(1799) 5754 CABOT DRIVE, OAKLAND. One-story 4-room dwelling.
Owner—Nellie Scharer, 687 Poirer St. Oakland.
Contractor—D. B. MacDonald, 775 Lassen St., Richmond.
Architect—Not Given. $3600

ALTERATIONS
(1800) 2291 EUNICE, BERKELEY. Alterations.
Owner—H. I. Morrison, 2488 Shattuck Ave., Berkeley.
Contractor—F. R. Reuterfield, 2488 Shattuck Ave., Berkeley.
Architect—Not Given. $1,000

ALTERATIONS
(1801) 1099 UNIVERSITY Avenue, BERKELEY. Alterations.
Owner—American Trust Co. 464 California St., San Francisco.
Contractor—George Swanstrom, 1615 78th Ave., Oakland.
Architect—Not Given. $3,500

DWELLING
(1802) 2274 CEDAR, BERKELEY. Two-story 6-room frame dwelling.
Owner—Dr. H. H. Clark, 2259 Cedar St., Berkeley.
Contractor—P. L. Crane, 1569 Spruce St., Berkeley.
Architect—Not Given. $7,300

ALTERATIONS
(1803) 19 YORK DRIVE, PIEDMONT. Alterations.
Owner—Dr. R. W. Rule, Prem.
Contractor—Willis F. Lynn, 1037 Ashmount Ave.
Architect—Malcolm D. Reynolds, 269 Monte Vista Ave. $1999

OFFICE BUILDING
(1804) 2225 CENTRAL AVE., ALAMEDA. Office Building.
Owner—Dr. D. D. and Elizabeth Lum, Palmera Court, Alameda.
Contractor—Jensen & Pedersen, 3443 Adelaine St., Oakland.
Architect—Kent & Hass, Underwood Bldg., San Francisco. $9000

ALTERATIONS
(1805) 1553-53½ FIFTH STREET, ALAMEDA. Alterations.
Owner—Arnold Appegno.
Contractor—Jim Aitchison, 752 Pacific Ave.
Architect—Not Given. $2400

DWELLING
(1806) 7544 OUTLOOK AVE., OAKLAND. One-story 6-room dwelling.
Owner—J. K. Pond, 1056 Ardmore Ave.
Contractor—A. Steffensen, Webster and 13th Sts., San Francisco.
Architect—Not Given. $4000

DWELLING
(1807) 2114 TIFFIN ROAD, OAKLAND. One-story 6-room dwelling.
Owner and Builder—John T. Fleming, 2248 Coloma St.
Architect—Not Given. $5000

DWELLING
(1808) 2462 KINGSLAND AVENUE, OAKLAND. One-story 5-room dwelling.
Owner—Matilda Hagen, Prem.
Contractor—Hagen & Herndon, 4148 Bayo St.
Architect—Not Given. $3000

DWELLING
(1809) 5129 GOLDEN GATE AVE., OAKLAND. Two-story 7-room dwelling.
Owner—Faith Crocker, 30 Wilding Lane.
Contractor—H. L. Crocker, Jr., 30 Wilding Lane.
Architect—Not Given. $6000

DWELLING
(1810) 4 AJAX PLACE, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—W. Herold, 2680 Shasta Rd.
Contractor—J. M. Walker, 1709 Grove Street.
Plans by Owner. $7000

DWELLING
(1811) 2753 SHASTA RD., BERKELEY. One-story 6-room frame dwelling.
Owner—R. L. Frick, 1806 Walnut.
Contractor—R. F. Parks, 2104 Addison.
Architect—Not Given. $6000

DWELLING
(1812) 1538 SHATTUCK, BERKELEY. Two-story 10-room laundry and dwelling.
Owner—G. Momas, 1520 Shattuck.
Contractor — Gaubert Brothers, 4735 Brookdale Ave., Oakland.
Architect—Not Given. $13,000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
No.	Owner	Contractor	Amt.
177	Woodruff	Land	5800
178	Union	Early	6868

LABOR & MATERIALS
(177) S. GLOVER, BET. JONES & LEAVENWORTH. Labor and materials.
Owner — A. Wilbur Woodruff, 533 Sutter St., San Francisco.
Contractor—The Land Development Co., 364 Bush St.
Filed Nov. 20, '36. Dated June 30, '36.
Structure enclosed $1450
Brown coat 1450
Completion 1450
Usual 35 days..... 1450
TOTAL COST, $5800
Limit, 90 days.

SERVICE STATION
(178) BRODERICK & LOMBARD STS. Steel service station.
Owner—Union Oil Co. of California, Mills Bldg., San Francisco.
Contractor—Fred J. Early, Jr., 369 Pine St.
Filed Nov. 20, '36. Dated Nov. 18, '36
75% completion.
25% usual 35 days.
TOTAL COST, $6,868
Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
178	Pacific	Thornally	2389

ADDITIONS
(178) 1545 FRANKLIN ST., Oakland. Additions and alterations.
Owner—Pacific T. & T. Co., 140 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—W. G. Thornally, 354 Hobart St., Oakland.
Filed, Nov. 24, '36. Dated, Nov. 18, '36.
Completion 75%
40 days later.....25%
TOTAL COST, $2,389
Bond, $2389. Sureties, Pacific Indemnity Co. Limit, 10 days.

SAN FRANCISCO CO., UNDER $1000

ALTER restaurant, $150; 375 Bush St.; owner, George Newsome, Prem.
BILLBOARD, $7; W. Fremont, 157 S Folsom; owner, Foster and Kleiser Co., 1675 Eddy St.
ALTER store, $450; SE Fern and Franklin; owner, New England Mutual Life Ins. Co., 544 Market; contractor, A. M. Hardy, 736 Clementina.
ALTER dwelling, $350; 4084 17th St.; owner, Mr. Barbarino, Prem.
SIGN, electric, $100; 140 4th St.; owner, Imperial Hotel, Prem.; contractor, QRS Neon Corp, Ltd., 690 Potrero.
SIGN, electric, $200; 140 4th St.; owner, Imperial Hotel, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.
ALTER dwelling, $900; 2606 19th Avenue; owner, Mr. Collins, Prem.; contractor, John Newton, 2029 Kirkham.
LIGHTS, sidewalk, $980; 2 Pine St.; owner, J. D. and A. B. Spreckels, Premises; contractor, Phoenix-Simpton Co., 520 6th St.; architect, Geo. W. Kelham, 315 Montgomery.
ALTER store, $200; 1707 Sacramento; owner, A. Podesta, 25 Capra Way; contractor, D. Seghieri & Co., 35 Cook.
SIGN, electric, $250; SW Van Ness Ave. and Pacific; owner, Mohawk Petroleum Co., care Contractor; contractor, Michel & Pfeffer Iron Works, 1415 Harrison.
ALTER office, $490; 44 Spear; owner, Buckbee Thorne & Co., 151 Sutter St.; contractor, Oscar Presco & Sons, 250 Langton.
SIGN, electric, $100; 399 Eddy St.; owner, John Stamoulis, Prem.; contractor, A. J. Raymond, Inc., 1066 Howard.
ALTER restaurant, $350; 1016 Taraval; owner, V. Souza, 127 Cortland.
SIGN, electric, $50; 2577 Mission; owner, Universal Shoe Co., 2577 Mission; contractor, QRS Neon Corp., Ltd., 690 Potrero.
SIGN, electric, $200; 4291 Mission; owner, A. C. Bosso, 4291 Mission; contractor, QRS Neon Corp., Ltd., 690 Potrero.
GREASE RACK, $600; NE Bay and Columbus; owner, Matteucci & Gaddini, Prem.; contractor, Independent Iron Works, 821 Pine St., Oakland.
SIGN, electric, $250; SW Van Ness and Pacific; owner, Mohawk Petroleum Co., care Contractor; contractor, Michel & Pfeffer Iron Works, 1415 Harrison.
ALTER restaurant, $450; 326 Sutter St.; owner, Russian Tea Room, Prem.; contractor, Gustave Anderson, 134 Halleck.
ALTER dwelling, $250; 89 Forestside; owner, R. R. Cowelle, Premises; contractor, Arthur B. Stevens, 1050 Post St.
ALTER flats, $200; 2333 Bush; owner, P. Licin, 130 Shakespeare; contractor, Pearson & Johnson, 2031 Bryant.
SIGN, electric, $200; 5827 Geary; owner, Kristi Bakery, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.
SHED, 1-story frame, $150; 455 Raymond; owner, Rose Leonetti, 458 Leland.
ALTER dwelling, $900; 2610 19th Ave.; owner, Mr. Reid, Prem.; contractor, John Newton, 2029 Kirkham.
ALTER factory, $887; SW Front and Jackson; owner, Cole H. Hall, 2048 Market; contractor, Ira W. Coburn, 2048 Market.

ALTER restaurant, $30; 46 3rd St.; owner, J. B. Brown, premises; contractor, Alfred Pistohl, 928 Folsom St.
BRACING tower, $100; 351 Turk St.; owner, YMCA, premises.
ALTER store, $70; 1820 Post Street; owner, Jamie Toy, 839 Kearny; contractor, Wong Chee Kee, 890 Washington.
ALTER storeroom, $150; S Revere 200 W Selby; owner, J. E. Hixson, 103 Holloway.
SIGN, electric, $200; 399 O'Farrell; owner, Glee Club, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
ALTER dwelling, $450; 1999 Palou; owner, Wm. Harington, premises contractor, Dan C. Richardson, 4400 19th St.
FLUES, $100; S Underwood 375 E Lane; owner, Carraro & Sons, 750 Felton; contractor, John J. Delucchi, 1526 Powell St.
ALTER dwelling, $400; 553 London; owner, Geo. Katopis, premises; contractor, Carl H. Petersen, 60 21st Ave.
FLUE, $5; 167 Sears; owner, James Coghlin, premises; contractor, H. Hall, 2288 3rd.
ALTER dwelling, $200; 1322 Hampshire St.; owner, Paul Barbera, premises.
ALTER flat, $450; 1221 Pierce St.; owner, Milland Realty Co., 111 Sutter St.; contractor, L. A. Hinson, 756 4th Ave.
SIGN, electric, $220; 300 Kearny St.; owner, Cook & LeRoy, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
ALTER dwelling, $50; 1067 Kansas; owner, Geo. Leontie, premises.
BRACING water tower, $100; 230 Golden Gate Ave.; owner, YMCA premises.
FLUE, $80; 1830 Third St.; owner, The Viaduct Cafe premises; contractor, F. D. Rocco, 705 Vallejo St.
ALTER flats, $820; 116 Liberty St.; owner, Geo. W. Loftus, premises; contractor, John Scarabosio, 740 Wisconsin.
ALTER dwelling, $250 1286 33rd Ave. owner, Edwin Nickel, premises.
ALTER apts., $100; 939 Eddy St.; owner, Louis Staff, 26 Montgomery St.
ALTER flats, $75; 821 York Street; owner, J. Printec, 2812 22nd St.
SIGN, electric, $200; 151 Market St.; owner, Bond's, premises; contractor, Brumfield Electric Sign Co., 965 Folsom St.
SIGN, electric, $490; 524 Market St.; owner, News Letter, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
ALTER dwelling, $350; 2444 Cabrillo St.; owner, Wm. W. Marwich, premises.
ALTER dwelling, $65; 7001 Geary; owner, A. Fisher, 583 29th Ave.; contractor, Howe Furnace Co., 2222 Bush St.
ALTER dwelling, $150; 2116 Baker St.; owner, F. W. Adelstein, 1347 Jackson St.; contractor, Henry Erickson, 972 Chenery St.
ALTER apts., $30; 814 California; owner, D. H. Davis, 58 Sutter; contractor, A. P. Kimball, 408 Market St.
ALTER school, $700; 200 Van Ness Ave.; owner, Diesel Power United Eng. School, premises.
ALTER flats, $376; 272 Park Ave.; owner, A. Bianocci, 64 Boyce.
ALTER dwelling, $125; 360 4th Ave.; owner, Peter Gregory, 362 4th Ave.; contractor, J. J. King, 363 Fifth Ave.
ALTER plant, $500; California and Battery Sts.; owner, California Packing Co., premises; contractor, Jas. L. McLaughlin & Co., 251 Kearny St.

ALAMEDA COUNTY

ALTER dwelling, $300; 130 Santa Marina; owner, James Atkinson, Prem.
ROOF repairs, $90; 5360 College Ave., owner, Mr. Portal; contractor, contractor, Guy Tyler & Son, 1502 Cedar St., Berkeley.
ROOF repairs, $35; 3162 Birdsall Ave., Oakland; owner, Mr. Erickson; contractor, Guy Tyler & Son 1502 Cedar St., Berkeley.
ROOF repairs, $35; 6512 Whitney St., Oakland; owner, Mr. Nelson; contractor, Guy Tyler & Son, 1502 Cedar St., Berkeley.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Bids Rejected—Plans Being Revised
APARTMENT Cost, $25,000
OAKLAND, Alameda Co., Cal. Oakmore Highlands (Clemens Road)
Two-story frame and stucco apartment building (four 5-rm. apts.) oak floors, hot water heating system with oil - burning equipment, insulation linoleum and oak floors, electric ranges, etc.
Owner—Daniel Stowyer, Sacramento.
Plans by Irwin M. Johnson, 2215 7th Ave., Oakland.

Contract Awarded
APARTMENTS Cost, $18,500
SAN MATEO, San Mateo Co., Calif. E Pacific lot 28, Blk E, Dartmouth.
New apartment building.
Owner—Geo. Ames, 408 Howard St. Burlingame.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame

Preparing Preliminary Plans
ADDITION Cost, $1,000
SAN MATEO, Calif.
Addition to existing building (2-room apt. and bath).
Owner—Stanley Moore, care Architect.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

To Be Done By Day's Work
APARTMENTS Cost, $30,000
SAN FRANCISCO, Calif. Pierce & Hayes Sts.
Three-story frame and stucco apartment building; garages.
Owner & Builder—T. Strand, 670 Victoria St.
Plans by Schultz & Dakin, 544 Market Street.
Engineer—F. W. Dakin, 625 Market Street.

Contract Awarded
APARTMENTS Cost, $21,500
REDWOOD CITY, San Mateo Co., Calif. 40 Arch St.
New apartment building.
Owner—Amelia H. Steffins.
Architect—Not Given.
Contractor—E. Steinegger, 1123 Clinton St., Redwood City.

3— CHURCHES

Preparing Plans
CHURCH Cost, $25,000
ORLAND, Glenn County, Calif.
Church building.
Owner—Orland Community Church, Orland (A. G. McVay, Pastor).
Architect—Geo. Patton Simonds, 80 Main St., Hayward.

Plans Being Figured — Bids Close December 1, 7:30 P. M.
CHURCH Cost, $15,000
TURLOCK, Stanislaus Co., Calif.
One-story and basement church (chapel, social hall, and kitchen), hot air heat; maple and pine floors; refrigeration units.
Owner—Baptist Church.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Alternate bids will be received for a reinforced concrete building with tile roof, and for a frame and stucco building with shingle roof.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded
INDUSTRIAL BUILDING
Contract Price, $26,639
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Partial one- and two-story steel industrial building (100x160 - feet) steel sash, shop and offices.
Owner—Latham Co., Inc.
Architect—Albert Roller, Crocker 1st National Bank Bldg., San Francisco.
Contractor—D. L. Bienfield, 666 Mission St., San Francisco.
Concrete and Mill Work—South City Lumber Co., South San Francisco.
Lumber—Beronio Lumber Co. Powell and Beach Streets.
Sheet Rock—U. S. Gypsum Co., 2501 Harrison Street.
Plumbing—Frank J. Klimm, 456 Ellis Street.
Electric—Frank Goodman, 666 Mission Street.
Steel, Structural Steel, Steel Sash—Soule Steel Co., 1750 Army St.
Roofing—Bender Roofing Co., 18th and Bryant Streets.
Glass—W. P. Fuller & Co., 301 Mission Street.
Painting—R. P. Paoli Co., 2530 Lombard Street.
Sheet Metal—Robert Neilan, 39 Isis.
Heating—Atlas Heating Co., 557 4th.
Bolts and Nuts—Payne's Bolt Works 201 Main Street.
Stairs—J. di Cristina and Son, 3150 18th Street.
All of San Francisco unless otherwise noted.

Plans Being Prepared
WAREHOUSE Cost, $.....
MODESTO, Stanislaus Co., Calif.
One-story stucco warehouse (14,000 sq. ft.).
Owner—Slodene Brothers.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Bids probably will be asked in about ten days.

Bids In—Held Under Advisement
ADDITION Cost, $.....
BERKELEY, Alameda Co., Calif. 6th and Ashby Aves.
Addition to warehouse; steel construction, brick walls, gypsum roof, concrete foundations and floors.
Owner—San Francisco Sulphur Co., Premises.
Engineer — Kaj Thiell, 580 Market St., San Francisco.
Low Bidder—Larsen & Larsen, 629 Bryant St., San Francisco.
Bids have been forwarded to New York office of Owner, and announcement will be made in about ten days.

Bids Wanted — To Close November 21, 12 Noon
ADDITION Cost, $.....
BERKELEY, Alameda Co., Cal. 6th and Ashby Aves.
Addition to warehouse; steel construction, brick walls, gypsum roof, concrete foundations and floors.
Owner—San Francisco Sulphur Co., Premises.
Engineer—Kaj Thiell, 580 Market St., San Francisco.
Following are figuring plans:
Cahill Brothers, Inc., 206 Sansome Street.
P. J. Walker Co., 607 Sharon Bldg.
Larsen & Larsen, 629 Bryant St.
Emil Hogberg, 666 Mission St.
All of San Francisco.

Plastering Sub-Contract Awarded
INDUSTRIAL BUILDING
Contract Price, $26,639
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Partial one- and two-story steel industrial building (100 x 160 feet) steel sash, shop and offices.
Owner—Latham Co., Inc.
Architect—Albert Roller, Crocker 1st National Bank Bldg., San Francisco.
Contractor—D. L. Bienfield, 666 Mission St., San Francisco.
Plastering — Marconi Plastering Co., 1737 Beach Street.
Complete sub-contracts given Nov. 20.

Additional Sub Contracts
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass manufacturing plant (brick and insulux glass construction), concrete foundations, corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, vice-president in charge).
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Mgr. of Construction—P. J. Walker Company, Sharon Building, San Francisco.
Mechanical Engineer — A. R. McLaren, 611 Howard St., San Francisco.
Electrical Engineers—Kuchel & Sievers, 468 5th St., San Francisco.
Painting—Raphael Co., 270 Tehama St., San Francisco.
Roofing—General Roofing Co., 3985 Beach St., Oakland.
Bids on glazing work are in and being held under advisement.
Bids will be taken within a few days for miscellaneous iron work.

Contract Awarded
FACTORY Cost, $13,500
BERKELEY, Alameda Co., Calif. 711 Camelia St.
Steel ink factory.
Owner—Calif Ink Co., 711 Camelia St., Berkeley.
Architect—Not Given.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland.

5— FLATS

Plans Being Figured
FLATS Cost, $12,000
OAKLAND, Alameda Co., Calif. Oakmore Highlands (Clemens Road).
Two - story frame and stucco flat building (5 rooms each flat) gas furnace, wood sash, shake roof, plaster walls and ceilings, hardwood floors, tile baths.
Owner—P. W. Storer.
Plans by Irwin M. Johnson, 2215 7th Ave., Oakland.

6—GARAGES & SERVICE STATIONS

Contract Awarded
AUTOMOBILE SALES BUILDING Cost, $20,000
FRESNO, Fresno Co., Calif. Broadway and Sacramento Streets.
Automobile showroom and office building, service station, lubrication and washing facilities, etc.
Owner—A. F. Tilden.
Architect—Not Given.
Contractor—James Cowan, 315 Brix Bldg., Fresno.

Contract Awarded
TRUCK TERMINAL Cost, $15,000
SACRAMENTO, Sacramento Co. 6th and M Streets.
Truck Terminal (160x160 ft.), super service station, repair pit and shop, warehouse (36x130).
Owner—Signal Oil Co.
Lessee—J. D. Rippy.
Architect—Not Given.
Contractor—W. E. Truesdale, 2116 H St., Sacramento.

BIDS OPENED
MAINTENANCE STATION Cost, $.....
BAKERSFIELD, Kern Co., Calif.
Group of three buildings (1-story wood frame office building, board and batten exterior, shake roof; 1-story wood frame truck shelter and shed, corrugated galvanized iron wall and roof covering), and fencing, etc.
Owner—State of California.
Architect — George B. McDougall, State Architect, Public Works Bldg., Sacramento.
Low Bidder—D. A. Loomis, 676 Salem St., Glendale.
Complete bids follow:
D. A. Loomis, Glendale.....$14,922.95
F. A. Greenough, Bakersfield 16,500.00
A. J. Hendricks, Bakersfield 17,650.00
Opperman Co., Bakersfield.. 17,800.00
R. Hodgson & Sons, Porterville 18,900.00
L. M. Hansen & Son, Fresno 19,850.00

7— FEDERAL BUILDINGS

Bids Opened
POST OFFICE Cost, $88,000
ANACORTES, Washington.
United States Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Low Bidder—Howard S. Wright and Co., Inc., 2210 2nd Ave., Seattle, $79,986.
Complete bids follow:
H. S. Wright, Inc., Seattle.....$78,986
T. D. MacNeil, Mount Vernon, Washington 79,600
Western Const. Co., Seattle..... 79,724
Wm. Petersen, Seattle..... 79,926
A. S. Hansen, Seattle..... 85,500
West Coast Const. Co., Seattle 86,985
Chison & Selene, Bellingham.... 87,507
MacDonald Const. Co., Saint Louis, Mo. 87,579
A. E. Ellcott, Polsom, Mont.....100,804

BIDS REJECTED
SPRINGERVILLE, Ariz.—All bids were rejected by Procurement Division, Public Bldgs. Branch, Washington, D. C., for the construction of the U. S. Forestry, post office, etc., building at Springerville, as bids were in excess of the amount available.
At bid opening MacDonald Const. Co., St. Louis, Mo., at $79,738, was low bidder.

BIDS WANTED
WARM SPRINGS, Oregon.—Until Dec. 22, 2 p.m., bids will be received by the Department of Interior, W. B. Fry, Purchasing Officer, Washington, D. C., for the construction of a one-story and part basement classroom building, for Indian Agency, about 51 ft. wide by 140 ft. long, with auditorium wing about 48 ft. wide and 86 ft. long. Foundation walls are concrete, first floor walls are brick with tile backup; asbestos shingle roof. Floor and roof framing and interior partitions of wood construction. Plumbing, heating and electrical work included. Project located 12 miles from Gateway, Oregon, and 18 miles from Madras, Ore.
Plans and specifications obtainable from the above office upon deposit of $25.00.

BIDS OPENED
PHOENIX, Ariz.—Riveside Nurseries, 2000 S Central St., Phoenix, at $1,295.10 submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Phoenix.
Only other bid submitted by Petersen Bros., Inglewood, Calif., at $2,309.00.

BIDS WANTED
OAKLAND, Cal.—Until Dec. 15, 10 A. M., bids will be received by the Treasury Department, C. J. Peoples, Director of Procurement, Section of Space Control, Washington, D. C., for sale of the old Post Office Bldg. and site located at Broadway, Seventeenth and Franklin Sts., Oakland. Delivery of the property will be made within 90 days after acceptance.

Contract Awarded
POST OFFICE Cont. Price, $97,126
SUNNYSIDE, Washington.
United States post office building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Contractor—West Coast Const. Co., Lloyd Bldg., Seattle.
Complete bids published Nov. 5.

BIDS OPENED
TERMINAL ISLAND, Los Angeles Co., Calif.—E. C. Nickel, 912 Micheltorena St., at $7,700, submitted low bid to the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8280, for remodeling bldgs. at the 11th Naval District (Fleet Aviation Facilities), Terminal Island, Los Angeles Harbor. Estimated cost, $2,500.
Complete bids follow:
E. C. Nickel, Los Angeles.....$7,700
Lynch Cannon Engineering Co., Los Angeles..... 9,944
Guy E. Hall & Lloyd H. Huffman, Los Angeles.....10,124
Andy Sordal, Long Beach.....11,665
Recommendation was made that contract be awarded low bidder.

BIDS WANTED
ELKO, Nevada.—Until December 15th bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for filling and grading for the U. S. Post Office at Elko.

BIDS WANTED
OCEANSIDE, San Diego Co., Cal.—Until December 15, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing insect screens in the U. S. Post Office at Oceanside.

BIDS WANTED
POINT ST. GEORGE, Del Norte Co., Calif.—Until Dec. 2, 11 a.m., bids will be received by the Public Works Officer, Navy Yard, Mare Island, under Spec. 8308, for repairs and improvements to the Radio Station, Point St. George. Estimated cost, $900.

BIDS WANTED
REDWOOD CITY, San Mateo Co., Calif.—Until Dec. 15, 10 a.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for additional planting and sprinkler head changes at the U. S. P. O. at Redwood City.
Plans and specifications obtainable from the above office and from the Custodian of the Buildings.

BIDS WANTED
SAN DIEGO, Calif.—Until December 8, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., under Spec. 8296, for painting buildings at Challos Heights, San Diego. Estimated cost, $2,000.

BIDS WANTED
SAN PEDRO, Los Angeles Co., Cal.—Until December 8th, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for metal counters and shelving at the U. S. Post Office and Courthouse at San Pedro.

CONTRACT AWARDED
HOLLYWOOD, Los Angeles Co., Calif.—American Sign Co., 603 Insurance Bldg., Washington, D. C., at $489, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing electrically lighted bronze directional sign at the U. S. Post Office at Hollywood.

BIDS OPENED
HUNTINGTON PARK, Los Angeles Co., Calif.—Original Cabinet Corporation, 9011 Howard St., Niles, Michigan, at $209.75, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for two new lobby desks in the U. S. Post Office at Huntington Park.
Complete bids follow:
Original Cabinet Corp., Niles, Michigan $209.75
Moline Furniture Works, Moline, Illinois 265.00
Federal Equipment Co., Carlisle, Pennsylvania 293.00
Nachtigall Mfg. Co., Grand Rapids, Mich. 340.00
Imperial Bronze Co., Washington, D. C..... 362.00
A-1 Woodworking Co., Los Angeles, Calif. 490.00

BIDS OPENED
WOODLAND, Yolo Co., Calif.—The Robbins Mfg. Co., Chicago, Ill., at $461, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Woodland.
Only other bid submitted by Chamberlin Metal Weather Strip Co., Detroit, at $487.

8— CLUB BUILDINGS

Plans Being Figured
ALTER CHURCH Cost, $15,000
RICHMOND, Contra Costa Co., Calif.
Alterations and additions to church bldg. (add Sunday school, etc.)
Owner — First Presbyterian Church, Richmond.
Architect—Chas. F. Maury, Monadnock Bldg., San Francisco.
No bid opening date set pending strike settlement.

Bids In—Under Advisement.
LODGE BUILDING Cost, $8,500
CAMPBELL, Santa Clara Co., Calif.
One-story and basement frame lodge building (tile roof, hot air heat)

Owner—Santa Clara County Grange.
Architect—Charles McKenzie, Twony Bldg., San Jose.

Construction Postponed
CLUB Cost, $30,000
LOS BANOS, Merced Co., Calif.
One - story and high basement concrete, frame and stucco club building (kitchen in basement) stage, dressing rooms, club rms., lavatories on main floor; composition shingle roofing, piped for gas heating system, wood sash, hardwood floors, etc.
Owner—Portuguese B.E.S. Society.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.
Construction will be postponed until after the first of the year.

Preparing Plans
NIGHT CLUB Cost, $10,000
SAN FRANCISCO, Calif.
Complete new night club in existing building; lounge room and cocktail bar.
Owner—Name Withheld.
Architect—Wm. H. Rowe, 351 California St., San Francisco.

9— HOSPITALS

NOTICE OF SALE
FRESNO, Fresno Co., Cal.—Until December 3, 11 A. M., bids will be received by the Fresno City Council, H. S. Foster, City Clerk, City Hall, for the sale of one five-room house located at 651 Dudley Ave.
Information obtainable from the above office.

BIDS OPENED
HOSPITAL WARDS, GARAGES & COLD STORAGE PLANT
Cost, $.....
CAMARILLO STATE HOSPITAL, Ventura Co., Calif.
Two-story reinforced concrete ward buildings (Units 8, 9, and 14), clay tile roof; one-story reinf. concrete garage building, 10-stall, wood roof deck and composition roofing, with yard fencing and gate posts; one-story reinforced concrete cold storage plant building addition to existing boiler plant, clay tile and composition roofing.
Owner—State of California, Department of Institutions.
Architect — George B. McDougall, State Architect, Public Works Bldg., Sacramento.
Low Bidder—R. E. Campbell, 711 Central Bldg., Los Angeles.
Alternate bids were received for the omission of the cold storage plant.
Complete bids follow:

General Work
R. E. Campbell, Los Angeles..$472,480
.....(Alt. A) 35,500

Refrigeration Work
Kohlenberger Engineering Corp., 805 S. Spadra Rd., Fullerton 21,204.35
York Ice Machinery Corp., Los Angeles 24,925.00
A-1 Ice Machine Co., Los Angeles 25,667.00

Heating & Ventilating
Scott Co., Inc., 243 Minna St., San Francisco 36,597.00
Munger & Munger, Inc., Pasadena 39,512.00
Howe Bros., Los Angeles..... 40,738.00

Plumbing
Scott Co., Inc., 243 Minna St., San Francisco..... 38,537.00
.....(Alt. A) 3,232.00
Howe Bros., Los Angeles..... 47,588.00
.....(Alt. A) 3,164.00

Electrical Work
Moore Elec. Co., 321 W. Third St., Los Angeles..... 16,486.00
.....(Alt. A) 1,886.00
Seaside Elec. Co., Ventura.... 17,080.00
.....(Alt. A) 2,783.00
American Elec. Constr. Co., San Francisco 17,905.00
.....(Alt. A) 2,500.00
Cave Elec. Co., Santa Ana.... 18,300.00
.....(Alt. A) 2,400.00
Coast Elec. Co., Long Beach 18,973.00
.....(Alt. A) 2,623.00
Spencer Elec. Co., San Francisco 20,677.00
.....(Alt. A) 2,790.00

10— HOTELS

Sub-Contracts Awarded
ALTERATIONS Cost, $.....
MARYSVILLE, Yuba Co., Calif.
Alterations and additions to Western Hotel (complete exterior painting, carpentry, plumbing, sheet metal, tile work, etc.)
Owner—Capital Company, 625 Market St., San Francisco.
Lessee—Hamilton System (Louis M. Rossi, Mgr., Western Hotel).
Plans by Construction Department of Owner.
Contractor—Thos. F. Scollan Co. 2919 T St., Sacramento.
Brick and Stone Work, Lathing and Plastering—Thos. F. Scollan Co., 2919 T St., Sacramento.
Lumber and Mill Work — Diamond Match Co., Chico.

Contract Awarded
ALTERATIONS Cost, $20,000
HANFORD, Kings Co., Calif.
Remodeling Hanford Hotel Bldg. for furniture store.
Owner—N. Abrams Estate, San Francisco.
Lessee—Hanford Furniture Co., (Morris Levi, Proprietor).
Architect—Not Given.
Contractor—Frank Brown, Hanford.

Contract Awarded
PAINTING Cost, $.....
MARYSVILLE, Yuba Co., Calif.
Painting exterior of Hotel Western.
Owner — Capital Co., 625 Market St., San Francisco.
Lessee—Hamilton System (Louis M. Rossi, Mgr., Western Hotel).
Plans by Construction Department of Owner.
Contractor—Robinson Paint Co., 113 D St., Marysville.

Postponed Indefinitely
HOTEL Cost, $15.000
CUMMINGS, Mendocino Co., Calif.
Two-story frame hotel.
Owner—Withheld.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

12— POWER PLANTS

FUNDS ALLOTTED
IMPERIAL CO., Calif.—PWA has allotted $2,760,000 to the Imperial Irrigation District, El Centro, for construction of the first unit of the All-American Canal Power Project. The allotment is a loan of $1,518,000 and a grant of $1,242,000.
The first unit is to be constructed at power site No. 4 on the All-American Canal. At this site there is a possible utilization of a 47-foot drop, serving a plant with capacity of 18,500 kilowatts, one-half of which will be installed at this time. In addition, the project contemplates increasing the capacity of the irrigation district's Diesel plant at Brawley from 2,250 kilowatts to 7,250 kilowatts as a standby plant. Power lines carrying 33,000 volts will be constructed as follows: Brawley to Holtville, 38 miles; Brawley to Calipatria and El Centro, 43 miles; Brawley to Calipatria and Westmoreland, with a 7-mile branch from Calipatria to Niland, a total distance of 40 miles. The 33,000 volts will be stepped down to 11,000 volts in the rural areas and 4,000 volts in towns.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Grant Approved
COURT HOUSE & JAIL
Cost, $192,000
SANTA CRUZ, Santa Cruz Co. Front Street.
Three-story and basement reinforced concrete, fireproof court house and jail; concrete floors; metal lath and plaster partitions, linoleum floor covering; steam heat; (jail, 30 cells), (office building, 120x85 ft.).
Owner—County of Santa Cruz.
Architect—Albert P. Roller, Crocker First National Bank Bldg., San Francisco.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
A grant of $85,310 has been approved by the PWA.

Preliminary Plans Completed
SAN DIEGO, Calif. — Architects Quayle Brothers and A. O. Treganza, 601 Spreckels Bldg., San Diego, have completed preliminary plans for the new city jail and police station to be built at Market St. and Pacific Highway, San Diego. Cost, $318,000. Application will be made for a PWA grant.

Grant Approved
CITY HALL Cost, $54,000
SANTA CRUZ, Santa Cruz Co., Cal. Church and Locust Streets.
One - story reinforced concrete City Hall (first unit), stucco exterior, shingle tile roof, linoleum floors, steel joists, vault doors, jail equipment, floor and ceiling will be concrete slab on steeltex, low pressure steam heating system; etc.; (Mayor's offices, Water Department, Police Department, and Jail).
Owner—City of Santa Cruz.
Architect — C. J. Ryland, Monterey and Carmel.
A grant of $24,327 has been approved by the PWA.

BIDS WANTED
COLUSA, Cal.—Until Nov. 30, 1 P. M., bids will be received by County of Colusa, T. D. Cain, Clerk of the Board of Supervisors, for alterations to the Colusa County Courthouse at Colusa.

November 24, 1936.
To Be Done By Day's Work
ALTERATIONS Cost, $9,000
OAKLAND, Alameda Co., Calif. Oakland City Hall.
Interior alterations to City Hall.
Owner & Builder—City of Oakland.
Plans by Construction Department of Owner.

CONTRACT AWARDED SITE SELECTED
SAN BERNARDINO CO., Calif.—State Board of Prison Directors has selected a site 35 miles east of Los Angeles and 28 miles from San Bernardino for the new Southern California State Prison. The state probably will bring condemnation proceedings to acquire 13,000 acres comprising part of a 43,000-acre tract owned by the American Crystal Sugar Company of Denver. The last legislature appropriated $400,000 for purchase of a prison site. An appropriation will be asked at the next session to construct facilities for 1,000 inmates.

CONTRACT AWARDED
SAN MATEO, San Mateo Co., Cal. —Frank Ferrea, 712 Fifth Ave., San Mateo, at $1,700, awarded contract by the City of San Mateo city council for the construction of a city

pound. W. J. Tobin, Oakland, at $1,-956.50 submitted only other bid.

Bids Wanted — Close December 16, 3 P. M.

EXHIBIT PALACES Cost, $1,025,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Twelve one-story buildings (over 600,000 sq. ft.) and temporary utility buildings. Buildings are to be built with pile foundations; wood floor and roof construction; roof supported on trusses covered with felt and asphalt; wood flooring, wood sheathing and roofing installed, but no finish work inside or outside except which is shown or specified.
Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St., San Francisco.
Architect—San Francisco Bay Exposition Architectural Commission (George Kelham, Chairman), 585 Bush Street.

Bids have been asked by the San Francisco Public Utilities Commission, Room 287, City Hall, under the following propositions:
Prop. A—For construction of Building No. 5 only.
Prop. B—For constructing Building No. 6 only.
Prop. C—For constructing Buildings Nos. 6A, 7 and 7A only.
Prop. D—For constructing buildings Nos. 8, 8A and 9 only.
Prop. E—For constructing buildings Nos. 11 and 12 only.
Prop. F—For constructing buildings Nos. 13 and 14 only.
Prop. G—For constructing and maintaining 3 sets or groups for temporary utility buildings (4 PWA signs), 3 PWA inspectors' offices and field office combined.
Prop. H—For constructing buildings Nos. 5, 6, 6A, 7, 7A, 8, 8A, 9, 11, 12, 13, 14, and utility buildings.

All propositions will be taken under two alternates, using either rod and block or strap and pin construction.

Plans and specifications may be obtained from Room 605, San Francisco Water Department Building, 425 Mason Street, upon deposit of $100.00.

Sub-Contracts Awarded

STATE CAPITOL
Contract Price, $2,006,166
SALEM, Oregon.
Three-story State Capitol building (granite base and white Danby Vermont marble superstructure) rectangular shape, approx. 400x 164 feet with cylindrical tower rising from the center section to height of 166 ft.; administrative office on first floor, legislative chambers, etc., on second floor, assembly hall on third; basement to contain barber shop, cafeteria and state dept. work rooms.
Owner—State of Oregon.
Architect — Goodhue Livingston, 101 Park Ave., New York City.
Associated Architect—Whitehouse & Church, Railway Exchange Bldg. Portland.
Contractor—Ross B. Hammond, Inc., Spalding Bldg., Portland.

Contract will include general work, electric wiring and fixtures, heating and ventilating, plumbing, including sprinkler system, fire lines, elevators etc.

Heating, Ventilating, Plumbing and Sprinkler System — Lord & Loryea, 4617 SW Milwaukie, Portland, $180,427.
Electrical Installations—NePage-McKenny & Co., 115 NW 9th, Portland, $158,910.
Metal Furring and Lathing — Fred Shearer & Sons, Couch Building, Portland, $73,000.
Metal Windows—Soule Steel Co., 2727 NW 35th, Portland, $3,300.
Vault Doors & Linings—Mosler Safe Co., 228 SW 1st, Portland, $19,993
Mail Chute and Letter Box—Capitol Mail Chute Co., $1,050.
Interior Marble — Lutz Marble Co., 3900 NW St. Helens Rd., Portland, $182,359.
Terrazzo—Wm. Frese & Co., 3830 NE Halsey, Portland, $15,287.
Tile Work—Oregon Art Tile Co., 1421 SW Broadway, Portland, $9,300.
Linoleum Floors—Acoustical & Flooring Sales, 516 NW 5th, Portland, $6,771.
Carpets—Meier & Frank Co., 621 SW 5th, Portland, $11,683.
Sheet Metal Work and Roofing—Ray F. Becker Co., 706 N Page St., Portland, $31,072.
Glass and Glazing—W. P. Fuller and Co., 2181 NW Nicolai, Portland, $9,062.
Lighting Fixtures—English - Baker Co., 1335 SW Morrison, Portland, $29,000.
Cork Floors—Wiley & Smith, 2603 SE Grand, Portland, $6,700.
Rubber Floors—Acoustical & Flooring Sales Co., 516 NW 5th, Portland, $6,353.
Elevators—Otis Elevator Co., 230 NW 10th, Portland, $48,000.
Acoustical Work — Acoustical and Flooring Sales Co., 516 NW 5th, Portland, $11,698.

Contracts for ornamental bronze work and kalsemein work have not yet been let.

SANTA CLARA CO., Calif.—Geo. H. Smith, 201 S. Market St., San Jose, at $423, submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, San Jose, for painting the buildings at the County Almshouse.

Complete bids follow:

George H. Smith, San Jose	$423.00
John Bakken, San Jose	464.90
Ray Pritchett, Santa Clara	511.50
Frank Hoyt, San Jose	627.00
C. W. Lynds, San Jose	690.00

14— RESIDENCES

Sub Contracts Awarded

RESIDENCE Cost, $9,023
SANTA CLARA, 710 Alvarado Row, Stanford University.
Residence.
Owner — Arthur M. Cathcart, Stanford University.
Architect — Henry C. Collins, Decker Oak Bldg., Palo Alto.
Contractor — George B. Moore, 531 Stanford Ave., Palo Alto.
Plumbing—L. Goldstein, El Camino Real & Barron Ave., Palo Alto.
Electric Wiring — Erskine Electric Co., Middlefield Road, Redwood City.
Heating and Sheet Metal — Stanford Sheet Metal Works, 815 High St., Palo Alto.
Window Shades—George W. Pelly, Palo Alto.
Tile Work—1529 St. Francis Way, San Carlos.
Brick & Stone Work—C. W. Clen, Palo Alto.
Lumber — McElroy - Cheim Lumber Co., Vista Ave. and El Camino Real, Palo Alto.
Lathing & Plastering—Ira T. Bridges, 654 Oberlin St., Palo Alto.
Mill Work—Pacific Mfg. Co., 2610 The Alameda, Santa Clara.

Bids Wanted—To Close December 1, 10 A. M.

RESIDENCE Cost, $20,000
SAN FRANCISCO. St. Francis Wood.
Two - story frame, stucco and brick veneer residence (10 rooms and 4 baths) gas furnace, plaster walls & ceilings, hardwood floors, tile roof, tile baths, detached double garage.
Owner—Karl F. Schuster.
Architect—Maybeck, White & Merchant, Russ Building.

Following are figuring the plans:
H. H. Larsen, 64 South Park Ave.
G. P. W. Jensen & Sons, Inc., 320 Market Street.
J. H. Johnson, 639 Brannan St.
A. F. Mattock Co., 212 Clara St.
All of San Francisco.

Completing Plans

RESIDENCE Cost, $5,500
SAN FRANCISCO. Francisco Hgths.
Two - story frame and stucco residence (5 rooms, 1 bath) Monterey style; gas hot air heating system, wood sash, hardwood floors tile bath, garage.
Owner—E. A. Freeman, 1514 Larkin.
Architect—D. E. Jaekle, 126 Post St.

Preparing Preliminary Plans

RESIDENCE Cost, $8,000
BAYWOOD, San Mateo Co., Calif.
One - story frame and stucco detached residence (8 rooms and 2 baths) Modernistic style, steel sash, hardwood floors, tile baths, gas hot air heating system, garage.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St. San Francisco.

Completing Working Drawings

RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Calif.
Two - story frame and brick veneer residence (9 rooms and 2 baths) shake roof, hardwood floors, tile baths, plaster walls and ceilings, gas fired warm air heating system, garage.
Owner—Withheld.
Architect — Walter C. Clifford, 310 Locust St., San Francisco.

Contract Awarded

RESIDENCE Cost, $.....
OAKLAND, Alameda Co., Cal. Rockwell (Brauer Tract).
Two - story frame and stucco residence (7 rooms and 3 baths) tile roof, gas heating system, steel and wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Guttman.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Contractor—Henry Nelson, 415 Bellvue, Oakland.

Contract Awarded

RESIDENCES Cost, $.....
OAKLAND, Alameda Co., Cal. Winthrop and Holmes Streets.
Two one-story frame and rustic residences (3 rooms each) tar and gravel roofing, gas heating system, wood sash, hardwood floors)
Owner—I. S. Ford and B. H. Sherman.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.
Contractor—Jesse S. Wiggins, 6640 Thornhill Drive, Berkeley.

Plans Completed

RESIDENCE Cost, $11,000
OAKLAND, Alameda Co., Cal. Fernwood Tract.
1½ - story frame and brick veneer residence (6 rooms and 4 baths) hardwood floors, shake roof, gas furnace, plaster walls and ceilings, wood sash, garage.
Owner—Gilbert Atkinson.
Architect—Not Given.
George Windsor, 928 Kingston Ave. Piedmont, is the only contractor who will figure the plans.

Preparing Plans

RESIDENCE Cost, $8,500
BAYWOOD, San Mateo Co. Aragon Tract.
Two-story frame and stucco residence (6 rooms, 2 baths), hardwood floors, tile baths, plaster

walls and ceilings, wood sash, garage.
Owner—Name Withheld.
Architect—C. O. Clausen, 746 46th Ave., San Francisco.

Completing Plans
RESIDENCES Cost, $4,000 each
SAN FRANCISCO, Calif. 30th Ave. near Rivera St.
Two 5-room residences and one 4-room residence; hardwood floors, tile baths, plaster walls and ceilings, wood sash, garages.
Owner—Name Withheld.
Architect—C. O. Clausen, 746 46th Ave., San Francisco.

Contract Awarded
RESIDENCE Cont. Pr., $9,500
PALO ALTO, Santa Clara Co., Calif. Stanford University Campus.
Two - story frame and stucco residence (7 rooms and 2 baths), shingle roof, gas heating system, garage.
Owner—Raymon Dyler, Palo Alto.
Architect—C. K. Summer, Deckeroak Bldg., Palo Alto.
Contractor—Ralph C. Knight, 595 Bailey Ave., Mountain View.

Bids Opened
ALTER RESIDENCE Cost, $.....
SEBASTOPOL, Sonoma Co., Calif.
Alterations and additions to residence (new baths, new roof, add additional rooms, etc.).
Owner—George Beck.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—D. D. Downie, Rt. 4, Box 226, Sebastopol—$2,410.
Only other bid submitted by Sam Swindler, Sebastopol, at $2,800.
Bids held under advisement.

To Be Done By Day's Work
RESIDENCE Cost, $1,500
NOVATO, Marin Co., Calif.
One-story frame residence (4 rooms)
Owner—F. L. Granger, Novato.
Architect—D. E. Jaekle, 126 Post St. San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
Avila Road, Lot 5 Blk 6.
One - story frame and stucco residence and garage.
Owner and Builder—Allan McIntyre, 446 Highland Ave., San Mateo.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
BURLINGAME, San Mateo Co., Cal. Dwight Way Lot 3, Blk 33.
One - story frame and stucco residence and garage.
Owner & Builder—Hammer & Tosch, 1499 Burlingame Ave., Burlingame.
Architect—Not Given.

Preparing Preliminary Plans
RESIDENCE Cost, $5,000
LAFAYETTE, Contra Costa County.
One - story frame and stucco residence (4 rooms) shingle roof, oil heating system, linoleum in bath, wood sash, wall board interior finish, garage.
Owner—F. M. Munson.
Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $12,000
SAN FRANCISCO. St. Francis Wood.
Two-story and basement frame and stucco residence (8 rooms and 2 baths), shingle and tile roof, gas heating system, steel sash, tiled baths, hardwood floors, etc.
Owner—Hugo Bedau.
Architect — Fred Reimers, 233 Post Street.
Contractor—Fred DuPuy, 110 Sutter St., San Francisco.

Completing Plans
RESIDENCES Cost, $6,000 each
SAN FRANCISCO, Calif. Francisco Heights.
Four one-story residences (5 rooms each); gas heat, hardwood floors, tile baths, plaster walls and ceilings; wood sash; garages.
Owner—Name Withheld.
Architect—C. O. Clausen, 746 46th Avenue.

To Be Done By Day's Work
RESIDENCE Cost, $5,500
SAN CARLOS, San Mateo Co., Calif. White Oaks Tract.
One - story frame and stucco residence (6 rooms and bath) elevated bedroom; steel sash, hardwood floors, hot air heating system.
Owner — Consolidated Development Co., 544 Market Street.
Architect—D. E. Jaekle, 126 Post St. San Francisco.

Owner Will Take Bids
RESIDENCE Cost, $5,500
AUBURN, Placer Co., Calif.
One - story frame and stucco residence (5 rooms) hardwood floors, tile baths, gas and hot air heating system, garage.
Owner—Thos. Baxter, Burlingame.
Architect—D. E. Jaekle, 126 Post St. San Francisco.
Owner will take bids in Auburn.

Owner Taking Sub-Bids
RESIDENCE Cost, $6,000
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two - story frame and stucco residence and garage.
Owner—F. E. Owens, Burlingame.
Architect—D. E. Jaekle, 126 Post St. San Francisco.

Owner Taking Sub-Bids
RESIDENCE Cost, $5,000
MENLO PARK, San Mateo Co., Cal.
One - story frame and stucco residence (5 rooms) hardwood floors plaster walls and ceilings, tile bath, garage, gas and hot air heating system.
Owner—John Butler, Mountain View.
Architect—D. E .Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $12,500
SAN MATEO, San Mateo Co., Calif. Harvard St., Lot 9, Blk 12.
Two - story frame and stucco residence.
Owner—A. G. Zeitschel.
Architect—Not Given.
Contractor—Lengfeld & Olund, Ltd., 220 3rd Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $17,440
ROSS, Marin Co., Calif. Del Mesa Tract.
Two-story frame and stucco residence; garage.
Owner—Russell A. Mackey, Balfour Bldg., San Francisco.
Architect—Albert J. Evers, 525 Market St., San Francisco.
Contractor—Albert H. Siemer, 343 San Anselmo Ave., San Anselmo.

Sub Contracts Awarded
RESIDENCE Cost, $6,200
PEBBLE BEACH, Monterey Co., Cal.
One-story frame and stucco residence; garage.
Owner—A. M. Watson, Carmel.
Architect—Not Given.
Contractor—Hugh W. Comstock, Carmel.
Hardware—Carmel Building Specialties, Carmel.
Painting—Van Laer & Lewis, Carmel.
Lathing & Plastering—George J. Turner, 234 Congress Ave., Pacific Grove.
Linoleum—Rudolph's Furniture Co., Monterey.

Contract Awarded
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 847 Palm St.
One-story frame and stucco residence (6 rooms); garage.
Owner—Rocco Langone, 857 Palm St., San Jose.
Architect—Not Given.
Contractor—D. Amoroso, 1053 Park Ave., San Jose.

To Be Done By Day's Work
RESIDENCES Cost, $5,500 each
SAN FRANCISCO. San Juan west of Alemany Blvd.
Two one-story frame and stucco residences (5 room each) hardwood floors, tile baths, gas and hot air heating systems, garages, etc.
Owner and Builder—A. de Benedetti.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Cal. 2675 Las Aromas Drive.
Two - story frame and stucco residence (6 rooms, 2 baths) garage.
Owner—A. E. Salm.
Architect—Not Given.
Contractor—Dixon & Roth, 1844 5th Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Cal. 4351 Bridgeview Drive.
Two - story frame and stucco residence (7 rooms, 3 baths).
Owner—Ettero De Rosa, 991 54th St., Oakland.
Architect—Not Given.
Contractor—V. N. Strong, 1521 9th St., Alameda.

Plans Being Figured
DUPLEX RESIDENCE Cost, $8,500
VALLEJO, Solano Co., Calif.
Two-story frame and stucco residence (5 rooms, 2 baths); hot air heating system; hardwood floors; tile baths, etc.
Owner—Withheld.
Architect — G. E. Ellinger, 1801 Casterline Road, Oakland.
Plans are being figured by one contractor only.

Contract Awarded
COTTAGE Cost, $5,000
MENLO PARK, San Mateo Co., Cal.
One - story frame and stucco residence (five rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—A. Gay.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Vance Brown, 1226 Middlefield Road, Palo Alto.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Calif. 390 Vassar Avenue.
Two - story frame and stucco residence (six rooms).
Owner and Builder—J. A. Bischoff, 2717 Russell St., Berkeley.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Cal. 5861 Moraga Avenue.
One - story frame and stucco residence (five rooms).
Owner and Builder—H. C. Pfrang, 5659 Ocean View Dr., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Cal. 3722 Young Avenue.
One - story frame and stucco residence (six rooms).
Owner—J. D. Regon, 3301 Champion St., Oakland.
Architect—Not Given.

Contractor—A. W. Johnson, 3721 Young Ave., Oakland.

Bids In—Held Under Advisement
RESIDENCE Cost, $.....
ATHERTON, San Mateo Co., Calif. Polhemus Ave. and Selby Lane.
Two-story frame and stucco residence (15 rooms, 8 baths); some brick veneer finish, slate roof, wood sash, plaster walls and ceilings, hardwood floors, tile baths, air-conditioned throughout, triple garage.
Owner—Alfred Ducato.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco.
Announcement will be made shortly.

Sub-Contracts Awarded
RESIDENCE Cost, $4,400
CARMEL, Monterey Co., Calif.
One-story frame and stucco residence and garage.
Owner—Mrs. S. M. Baldwin, Carmel.
Architect—Not Given.
Contractor—H. W. Comstock, Carmel.
Roofing, Heating and Glass—Carmel Bldg. Specialties Co., Carmel.
Lumber, Hardware and Steel Sash—Carmel Bldg. Specialties Co.
Plumbing—Anderson - Dougherty - Hargis, 225 Main St., Carmel.
Hardwood Floors—E. G. Finn, 515 McKenzie Ave., Watsonville.
Grading—Frank De Amaral, Carmel Highlands, Carmel.
Lathing and Plastering—George S. Turner, 234 Congress Ave., Pacific Grove.

Sub-Contracts Awarded
RESIDENCE Cost, $4,000
CARMEL, Monterey Co., Calif.
One-story frame and rustic residence (4 rooms, 1 bath) steel sash; hardwood floors; garage.
Owner and Builder—Hugh W. Comstock, Carmel.
Architect—Not Given. 14
Roofing, Heating and Glass—Carmel Bldg. Specialties Co., Carmel.
Lumber, Mill and Hardware—Carmel Building Specialties Co., Carmel.
Electric Wiring—Carl S. Rohr, Ocean and Dolores Sts., Carmel.
Plumbing and Sheet Metal—Anderson-Dougherty-Hargis, 225 Main St., Carmel.
Hardwood Floors—E. G. Finn, 515 McKenzie Ave., Watsonville.

Contract Awarded
RESIDENCE Cost, $8,500
SAN FRANCISCO. NE 47th Avenue and Anza Street.
Two-story and basement frame and stucco residence.
Owner—Mr. Nichols, 790 45th Ave.
Architect—Not Given.
Contractor—Land Development Co., 364 Bush Street.

Being Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO. Chenery Street near McGill.
One-story frame and stucco residence.
Owner—Joseph Cresci, 801 Filbert Street.
Architect—D. E. Jaekle, 126 Post St.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 ea.
SAN FRANCISCO, Calif. S. London St., W France St.
Three one-story frame and stucco residences.
Owner & Builder—R. A. McAfee, 125 Cervantes Blvd.
Architect—Not Given.

Plans Being Completed
RESIDENCE Cost, $5,500
STOCKTON, San Joaquin Co., Calif.
One-story and part basement frame and stucco residence (5 rooms, 1 bath), split shingle roofing, hardwood floors, linoleum floors in bathroom, gas floor furnace heat.
Owner—L. Biasotti, Stockton.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.
Bids will be asked within ten days.

Plans Completed
RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Calif. Mtn. Blvd. and Lincoln Ave.
One-story frame and stucco residence (5 rooms), shake roof, hardwood floors, gas and hot air heating system.
Owner—R. A. Ward, Mountain Blvd. and Lincoln Ave.
Architect—A. R. Denke, 1429 Broadway.
Owner will take sub bids shortly.

Plans Completed
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. Best and Brookdale Streets.
One-story frame and stucco residence (6 rooms), Redwood siding, shake roof, hardwood floors, gas and hot air heating system, garage.
Owner—Name Withheld.
Architect—A. R. Denke, 1429 Broadway.
Owner to take bids shortly from selected list of contractors.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
PALO ALTO, Santa Clara Co., Calif. 2440 Bryant St.
One-story frame and stucco residence, garage.
Owner & Builder—E. A. Janssen, 529 Ramona St., Palo Alto.
Architect—Leslie Nichols, 532 Emerson St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $11,000
OAKLAND, Alameda Co., Cal. 6068 Margarida Drive.
Two-story frame and stucco residence (7 rooms, 3 baths) garage.
Owner—Katherine M. Smith.
Architect—Newsom Bros., Russ Bldg. San Francisco.
Contractor — David Nordstrom, 354 Hobart St., Oakland.

Owner Taking Sub Bids
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Cal. Claremont Circle Tract.
Two-story frame residence (7 rooms and 2 baths), wood siding, hardwood floors, shake roof, gas furnace, rustic type.
Owner—M. Mathemy, 835 Brooklyn Ave., Oakland.
Architect — Earl MacDonald, 3812 Broadway, Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $18,500
SAN FRANCISCO. Divisadero St. bet. Broadway and Vallejo Sts.
Two-story frame and stucco detached residence (9 rooms, 5 baths) Philippine mahogany and painted pine wood interior finish; canvas walls; hardwood floors; tile baths; steam heating system; wood sash; asbestos shingle roof, garages.
Owner and Builder—Sbarboro & Jorgensen, 207 Walnut St.
Architect—John H. Ahnden, 822 39th Avenue.

Bids Wanted—To Close Dec. 2, 12 Noon.
RESIDENCE Cost, $7,000
MILLBRAE CIRCLE, San Mateo Co.
One-story frame and rustic residence (6 rooms and two baths) shingle roof, hot air heating system, wood sash, hardwood floors, 2-car garage.
Owner—John Marshall, Jr., 1095 Market St., San Francisco.
Architect—Fred. Reimers, 233 Post St., San Francisco.
Fred K. Du Puy, 110 Sutter St., is figuring plans aand desires subbids on all portions of the work.

Completing Plans
RESIDENCE Cost, $10,000
BURLINGAME HILLS, San Mateo Co., Calif.
Two-story frame and stucco residence (8 rooms, 3 baths) hardwood floors; linoleum baths; gas fired hot air furnace; garage.
Owner—Withheld.
Architect—Wm. H. Rowe, 351 California St., San Francisco.
Bids will be asked in about ten days.

Bids In—Held Under Advisement
RESIDENCE Cost, $8,000
BURLINGAME HILLS, San Mateo Co., Calif.
One-story frame and stucco residence (6 rooms, 2 baths) hardwood floors; linoleum in baths; gas fired hot air furnace; steel sash, garage.
Owner—Withheld.
Architect—Wm. H. Rowe, 351 California St., San Francisco.
Announcement will be made shortly.

Bids In—Held Under Advisement.
RESIDENCE Cost, $.....
SAN FRANCISCO. St. Francis Wood.
Two-story and basement frame and stucco residence (7 rooms and 3 baths) tile roof, gas heating system, wood sash, hardwood floors tile baths, etc.
Owner—Mr. Handey.
Architect—Maybeck, White and Merchant, Russ Building.
Announcement to be made shortly.

Contract Awarded
RESIDENCE Cost, $8,000
SAN MATEO, Calif. Aragon Tract.
Two-story frame and stucco residence (8 rooms, 2 baths), hardwood floors, tile baths, gas furnace, shake roof, wood sash, 2-car garage.
Owner—E. L. Merwin, Jr.
Architect—E. M. Sharpe, 111 Sutter St., San Francisco.
Contractor—Leadley & Leadley, San Mateo.

Sub Contracts Awarded
RESIDENCE Cont. Pr., $11,949
ATHERTON, San Mateo Co., Calif.
Two-story frame residence, Colonial style, shingle roof, forced warm air heating system, wood sash, hardwood floors, tile wainscot in baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Lengfeld & Olund, 220 3rd Ave., San Mateo.
Lumber—McElroy - Cheim Lumber Co., Vista Ave. and El Camino Real, Palo Alto.
Mill Work—Pacific Manufacturing Co., 2610 The Alameda, Santa Clara.

Completing Working Drawings
RESIDENCE Cost, $8,500
BURLINGAME HILLS, San Mateo Co., Calif.
One-story frame and stucco residence (8 rooms, 3 baths), Colonial style, shake roof, hot air furnace, wood sash, hardwood floors, tile baths, plaster walls and ceilings, detached garage.
Owner—Withheld.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Sub Contracts Awarded
RESIDENCES Cost, $6,000 to $8,000
SAN FRANCISCO. Pinelake Park.
Six one-story frame and stucco residences (5 and 6 rooms), tile and slate roofs; combined steel and

wood sash, hardwood floors, tile baths, garages.
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.
Architect—A. H. Larsen, 333 Kearny.
Roofing—Bay Tile Roofing Co., 2332 Alemany Blvd.
Plumbing—George Rehn, 1919 Mission St.
Electric Wiring—Richmond Electric Co., 1370 40th Ave.
Heating—Atlas Heating & Ventilating, 557 4th St.
Tile Work—Richmond Tile Co., 3421 Geary St.
Glass—San Francisco Glass Co., 5234 Mission St.
Window Shades—D. N. E. Walter & Ry-Lock Co., 562 Mission St.
Hardwood Floors—A. Antonchuk, 691 Geneva Ave.
Iron Grille Work—Artistic Metal Works, 341 Van Ness Ave., So.
Brick & Stone Work—L. Lilgebiad, San Francisco.
Lumber—Loop Lumber Co., Central Basin.
Mill Work—Schafer Lumber & Shingle Co., 1 Drumm St.
Hardware—S. Mariani & Palace Hardware, 581 Market St.
Linoleum—West Coast Linoleum, 2703 Mission St.
Painting—J. Oliver.

Contract Awarded
RESIDENCE Cost, $15,000
MARIN CO., Calif. Del Mesa Tract.
Two-story frame and stucco residence (8 rooms, 3 baths), tile roof, hardwood floors, tile baths, etc.
Owner—Russell A. Mackey.
Architect — Roland Stringham, 525 Market St., San Francisco.
Contractor—Albert H. Siemer, 128 Calumet Ave., San Anselmo.

Contract Awarded
RESIDENCE Cost, $7,000
SAN MATEO, San Mateo Co., Calif. Bayshore Highway, Bowie Est.
One - story frame and stucco residence and garage.
Owner—A. B. Cobb.
Architect—Not Given.
Contractor—Hugo Hultberg, 29 San Mateo Drive, San Mateo

Contract Awarded
RESIDENCE Cost, $8,000
BURLINGAME HILLS, San Mateo Co., Calif.
One - story frame and stucco residence (6 rooms, 2 baths), hardwood floors, linoleum in baths; gas fired hot air furnace; steel sash, garage.
Owner—Withheld.
Architect—Wm. H. Rowe, 351 California St., San Francisco.
Contractor — O. C. Moroney, 1437 Drake Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $9,000
SAN FRANCISCO, Calif. NE Terrace Drive and Terrace Walk.
Two-story and basement frame and stucco residence.
Owner—James H. Allen, 121 Balceta Way.
Architect—Warren C. Perry, 260 California St., San Francisco.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley.

Sub Contracts Awarded
RESIDENCE Cost, $11,695
SAN MATEO. Calif. Lot 9, Blk. 12 Baywood Tract.
Two-story frame and stucco residence.
Owner—Arthur G. Zeitschel, San Mateo.
Architect — Theodore O. Ruegg, 251 Kearny St., San Francisco.
Contractor—Lengfeld & Olund, Ltd., 220 3rd Ave., San Mateo.
Lumber — McElroy-Cheim Lumber Co., 237 Bayshore Blvd., San Mateo.
Mill Work — Pacific Manufacturing Co., Santa Clara.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 2426 Leimert Blvd.
Two-story frame and stucco residence (6 rooms), garage.
Owner—Dr. F. K. Haight, 2426 Otis Drive, Oakland.
Architect—Not Given.
Contractor—Charles D. Lyon, 6501 Buena Ventura Ave., Oakland

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 1966 Carter St.
Two-story frame and stucco residence (6 rooms); garage.
Owner—H. Havolin.
Architect—Not Given.
Contractor—Charles D. Lyon, 6501 Buena Ventura Ave., Oakland

To Be Done By Day's Work
DUPLEX RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 719 Beatie St.
One-story frame and stucco duplex residence.
Owner—F. S. Taylor, 1622 Harrison St., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $8,500
BERKELEY, Alameda Co., Calif. 2274 Cedar St.
Two-story frame and stucco residence, garage.
Owner—Dr. H. H. Clark, 2259 Cedar St.
Architect—Not Given.
Contractor—P. L. Crane, 1569 Spruce St.

Completing Working Drawings
RESIDENCE Cost, $4,000
SAN BRUNO, San Mateo Co., Calif.
One-story frame and stucco residence (5 rooms), Monterey style, gas hot air furnace, hardwood floors, tile baths, garage.
Owner—Mr. Wolbert, care Architect.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Bids will be asked shortly.

Sub Contracts Awarded
RESIDENCE Cost, $6,200
PEBBLE BEACH, Monterey Co., Cal.
One-story frame and stucco residence, garage.
Owner—A. M. Watson, Carmel.
Architect—Not Given.
Contractor—Hugh W. Comstock, Carmel.
Hardware—Carmel Building Specialties, Carmel.
Painting—Van Laer & Lewis, Carmel.
Lathing & Plastering—George J. Turner, 234 Congress Ave., Pacific Grove.
Linoleum—Rudolph's Furniture Co., Monterey.

Completing Working Drawings
RESIDENCE Cost, $8,000
SAN MATEO, Calif. San Mateo Park.
One-story frame and stucco residence (6 rooms, 2 baths), gas hot air heating system, Spanish style, hardwood floors, tile baths, garage.
Owner—Name withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Completed — Owner To Take Bids
RESIDENCE Cost, $5,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Newcomb & Mendal Streets.
One-story frame and stucco residence (5 rooms, 2 baths), tile and composition roof, gas and hot air furnace, hardwood floors, tile baths, garage, Spanish style.
Owner—George Nilan, care Architect.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif. Quesada & Selby Sts.
One-story frame and stucco residence; garage.
Owner & Builder—Nello Giorgi, 2055 Greenwich St.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $11,500
PALO ALTO, Santa Clara Co., Calif. 2041 Webster St.
One-story frame and stucco residence; storeroom and garage.
Owner—A. C. Shaw, 160 Forest Ave., Palo Alto.
Architect—Leslie Nichols, 532 Emerson St., Palo Alto.
Contractor—W. P. Goodenough, 49 Wells Ave., Palo Alto.

SUB BIDS WANTED
SAN FRANCISCO, Calif.—A. F. Mattock Co., 212 Clara St., desires sub bids on all portions of the work for the construction of the Schuster residence in St. Francis Wood, for which bids will be opened December 1, 10 A. M.
Plans prepared by Architects Maybeck, White & Merchant, San Francisco.

Contract Awarded
RESIDENCE Cost, $14,500
BERKELEY, Alameda Co., Calif. 1538 Shattuck Ave.
Two-story frame and stucco residence (10 rooms, 3 baths); garages.
Owner—G. Mornas, 1520 Shattuck Ave., Berkeley.
Architect—Not Given.
Contractor — Gaubert Bros., 4735 Brookdale Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. 2753 Shasta Road.
One-story frame and stucco residence (6 rooms).
Owner—R. L. Trick, 1806 Walnut St., Berkeley.
Architect—Not Given.
Contractor—R. J. Parks, 2104 Addison St., Berkeley.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. 5129 Golden Gate Ave.
Two-story frame and stucco residence (7 rooms); garage.
Owner—Faith Crocker, 30 Wilding Lane, Oakland.
Architect—Not Given.
Contractor—H. L. Crocker, Jr., 30 Wilding Lane.

Contract Awarded
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Calif. 4 Ajax Place.
One-story frame and stucco residence (5 rooms); garage.
Owner—W. Herold, 2680 Shasta Rd., Berkeley.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

15— SCHOOLS

Bond Election
RECONSTRUCT SCH. Cost, $296,000
CROCKETT, Contra Costa Co., Cal.
Reconstruction of John Swett Grammar School.
Owner—Crockett School District.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Engineer — Dowell & Earl, 55 New

Montgomery St., San Francisco.

Crockett School District will vote on December 11, on a proposal to issue bonds in the amount of $85,000, proceeds to assist in financing reconstruction.

PWA has granted $133,526 representing 45% of estimated cost of labor and materials.

LOW BIDDER

LOS ANGELES, Calif.—Gates & Huntley, 2020 Hyperion Ave., submitted low bid to Los Angeles board of education, at $111,882 (Bid No. 2), for reconstruction, rehabilitation and strengthening of main building and north building at Wilton Place sch., 745 S. Wilton Place. Theodore R. Jacobs, architect, and Donald F. Schugart, structural engineer.

PLANS COMPLETED

SANTA BARBARA, Calif.—Architects Soule, Murphy & Hastings, 116 E. Sola St., Santa Barbara, completed working drawings for new 2-sty. frame and stucco unit to be added to Santa Barbara junior high school, a PWA project. Cost, $50,000.

Grant Approved

RECONSTRUCTION Cost, $46,800
ALAMEDA, Alameda Co., Calif. Alameda Ave., bet. Oak and Walnut.
Reconstruct auditorium at the Porter School.
Owner—Alameda City School Dist.
Architect—Henry A. Minton, Underwood Bldg., San Francisco.
Structural Engineers — L. H. Nishkian, 525 Market St., and James Hamill, 381 Bush St., San Francisco.

PWA approved grant of $21,060 to assist in financing and plans have been approved by State Division of Architecture.

Grant Approved

SCHOOL GYM & AUDITORIUM Cost, $18,000
MENDOCINO CITY, Mendocino Co., Calif.
One-story frame gymnasium and auditorium; concrete foundations; redwood shingles roof; top floor of maple, ground floor cement; electric wiring for auditorium and stage; stage bleachers; recreation room; offices; boys' and girls' washrooms; ground floor space, 6,890 sq. ft.
Owner—Mendocino Union High Sch. District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

PWA approved grant of $7,120 to assist in financing and plans have been approved by State Division of Architecture.

Bids will be asked in about two weeks.

Grant Approved

GYMNASIUM Cost, $29,000
SHAFTER, Kern Co., Calif.
Gymnasium (dressing rooms, equipment, etc.).
Owner — Shafter Union High School District.
Architect — Office of E. J. Symmes, Haberfelde Bldg., Bakersfield.

A grant of $13,015 has been approved by the PWA.

Plans Completed

RECON. SCHOOL Cost, $80,000
NAPA, Napa Co., Calif.
Reconstruction of Napa Union High School and construction of a covered passageway from main building to the two school gym buildings; reinforced concrete & structural steel construction.
Owner—Napa Union High School District.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Plans have been forwarded to State Division of Architecture for approval.

PWA approved grant of $53,373 to assist in financing reconstruction of main school building, and construction of a music building.

BONDS VOTED

SACRAMENTO COUNTY, Cal.—A bond issue of $7,000 was approved by the Robla School District at a special election November 10. The funds will supplement a PWA grant to finance construction of two new classrooms and repairs to the existing building. Charles Lipold, Clerk of the Board of Trustees.

BOND ELECTION

CAMBRIAN, Santa Clara Co., Cal. —Cambrian School District will vote on December 17 on a proposal to issue bonds in the amount of $12,000, proceeds to finance construction of a school assembly hall as an addition to the present school building.

Bids Wanted — To Close December 15, 8:30 P. M.

RECONSTRUCT SCHOOL $75,000
CROCKETT, Contra Costa Co., Calif.
Reconstruction of the center portion of Carquinez Grammar School.
Owner—Carquinez Grammar School District.
Engineer—Dewell & Earl, 55 New Montgomery St., San Francisco.

PWA approved grant of $40,201.

Plans and specifications obtainable from the office of the engineer, upon deposit of $25.00.

Plans Completed—Awaiting State Approval

SCHOOL Cost, $21,981
TERMINUS, San Joaquin Co., Calif.
One - story elementary school building (4 classrooms, one activity room).
Owner—Terminus Elementary School District.
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.

PWA has approved a grant of $10,811.

Plans have been forwarded to the State Division of Architecture, Sacramento, for approval.

Plans Being Figured — Bids Close December 5, 2 P. M.

SCHOOL Cost, $29,100
TULELAKE, Siskiyou Co., Calif.
One-story frame school building (6 classrooms), concrete footing and foundation walls; stucco exterior, wood shingle and built-up roofing, plaster interior walls and ceiling, warm air furnace.
Owner — Tulelake School District (Anne Horton, Clerk).
Architect — Howard Perrin, Underwood Bldg., Klamath Falls, Oregon).

Bids will be received by the Clerk of the District in the Grade School Building, Tulelake.

Plans and specifications obtainable from the architect upon deposit of $20; and on file at the office of the Builders' Exchange, 666 Mission St., San Francisco.

A grant of $13,091 was recently approved by the PWA.

Plans Awaiting State Approval

ELEMENTARY SCHOOL $170,000
WATSONVILLE, Santa Cruz County Cal. Palm and Brewington Sts.
One - story frame and steel elementary school building, 190x205-ft. (13 classrooms, administration office, auditorium to seat 500; stage, manual training shops, gymnasium, band room, etc.) terra cotta, tile and composition roofing, maple floors, natural gas individual unit heaters, wood and steel sash.
Owner—Watsonville City School District (T. S. MacQuiddy, Supt. of City Schools).
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

A grant of $71,290 has been approved by the PWA.

Plans have been forwarded to the State Division of Architecture, Sacramento, for approval.

Bids Wanted—To Close Dec. 18, 8 P. M.

ALTERATIONS Cost, $35,000
MILL VALLEY, Marin Co., Calif.
Alterations and additions to Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)
Owner—Mill Valley School District.
Architect — Walter Falch, Hearst Bldg., San Francisco.

Plans approved by the State Division of Architecture, Sacramento.

BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until Dec. 7, 8 p.m., bids will be received by the City of San Rafael, Oliver R. Hartzell, Secretary, Board of Education, for construction of concrete bulkheading; metal fencing and playground surfacing on the grounds of the San Rafael Grammar School, 4th and E Sts., San Rafael. Plans prepared by Architect N. W. Sexton, deYoung Bldg., San Francisco.

Plans and specifications obtainable from the office of the Secretary of the Board of Education and from the office of the Architect.

LOW BIDDER

SANTA MARIA, Santa Barbara Co., Calif.—Reno Sheet Metal Co., Glendale, submitted low bid to Santa Maria Union High School District for furnishing steel members for a garage and six bus stalls. The bids, which were held under advisement, were: Reno Sheet Metal Co., (1) high school garage, $2095, (2) Guadalupe garage, $675; Soule Steel Co., (1) $2627, (2) $1036; Pacific Iron & Steel Co., (1) $3421, (2) no bid; Kyle Steel Construction Co., (1) $2634, (2) $756; Ora K. Outman Co., (1) $3078, (2) $782.

Plans Approved — To Ask Bids Shortly

SCHOOL Cost, $7,000
POLLOCK PINES, Eldorado Co., Cal.
One-story frame school building (1 classroom).
Owner—Cedargrove School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans have been approved by the State Division of Architecture and it is expected that a call for bids will be issued this week.

Plans Being Figured — Bids Close December 10, 8 p.m.

ALTERATIONS Cost, $9,500
ARDEN, Sacramento Co., Calif.
Alterations to classrooms and new steam heating system (new roof, ceilings, windows, repairing plaster walls; repainting and refinishing rooms).
Owner—Arden Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Bids will be opened in the auditorium of the Arden School.

A grant of $4,072 has been approved by the PWA.

BIDS WANTED

KERN CO., Calif.—Until Dec. 7, 7 P. M., bids will be received by the Semitropic School District, Jess Arant, Clerk, for the construction of one-story concrete school building in Kern County.

Plans prepared by Architect Chas. H. Biggar, 554 Haberfelde Building, Bakersfield.

Plans and specifications available at the office of the architect.

BIDS OPENED

RICHMOND, Contra Costa Co., Calif.—Fred E. Turner, 557 Market St., San Francisco, at $1,073.00, submitted low bids to the Richmond Union High School District for furnishing all materials and installing stage equipment for the Roosevelt Junior High School.

Only other bid submitted by American Seating Co., San Francisco, at $1,359.69.

Bids Opened

SCHOOL Cost, $15,000
TALMAGE, Mendocino Co., Calif.
New school building.
Owner — River Union Elementary School District.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Low Bidder—Charles Swanfeldt, Box 114, Ukiah—$14,786.
Complete bids follow:
Charles Swanfeldt, Ukiah.....$14,786
H. V. La Porte, Ukiah..... 16,950
Myrl R. Crane, S. F..... 17,187
Robert McCarthy, S. F..... 18,250
Bids have been submitted to School Board for approval and announcement will be made in about one week.

Plans Being Completed

MUSIC BLDG. Cost, $35,000
NAPA, Calif. Napa Union High School.
One-story frame and stucco addition to rear wall of present stage, concrete foundation, wood floors, composition roof, therma and sound insulation, Standard plumbing and electric work.
Owner—Napa Union High School District.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Plans will be completed in about one week and forwarded to State Division of Architecture for approval.
PWA approved grant of $53,373 to assist in financing construction of music building, and reconstruction of main school building.

Plans Completed

GYM AND AUITORIUM $30,000
CEDARVILLE, Modoc Co., Calif.
One-story frame and stucco auditorium and gymnasium, composition roof, concrete floors, maple floor in gymnasium, plaster interior walls (stage, office, locker rooms, showers, and toilets).
Owner—Surprise Valley Union High School District.
Architect—Howard Perrin, Klamath Falls, Ore.
A grant of $13,500 has been approved by the PWA.

16—BANKS, STORES AND OFFICES

Bids In—Under Advisement

ALTERATIONS Cost, $.....
SAN FRANCISCO. 813 Folsom St.
Alter store building.
Owner—Bothin Real Estate Co., 604 Mission St.
Architect — Angus McSweeney, 604 Mission St.
Announcement will be made today.

To Be Done By Day's Work

ALTERATIONS Cost, $5,000
SAN FRANCISCO, Calif. 405 Montgomery St.
Alterations to office.
Owner—California Montgomery Co., 405 Montgomery St.
Architect—W. P. Day, Financial Center Bldg., San Francisco.

Bids In—Held Under Advisement.

ALTERATIONS Cost, $.....
SAN FRANCISCO. 2242 Polk St.
Alterations to stores in Avondale Apartments.
Owner—Withheld.
Architect — Angus McSweeney, 604 Mission Street.
Announcement will be made shortly.

Being Done By Day's Work

ALTERATIONS Cost, $6,000
SAN RAFAEL, Marin Co., Calif. 4th and Cijos Streets.
Alterations to store building.
Owner — Zander Bros., San Rafael, Calif.
Architect—Plans by construction department of Lessee.
Lessee—Purity Stores.

Sub Contracts Awarded

STORE Cont. Pr., $34,000
SANTA CRUZ, Santa Cruz Co., Cal.
New store building (reinforced concrete construction).
Owner—Morris Abrams, Santa Cruz.
Architect — C. J. Ryland, Monterey and Carmel.
Contractor — Darrow Palmer, 254 Branciforte Ave., Santa Cruz.
Roofing—Central Supply Co., P.O. Box 1150, San Jose.
Plumbing & Sheet Metal—Izant & Wilson, 30 Water St., Santa Cruz.
Electric Wiring—Irvin M. Smith, 9 Cayuga St., Santa Cruz.
Lumber—Hebbron Lumber Co., 491 Pacific Ave., Santa Cruz.
Lathing & Plastering—Smith & O'Brien, Santa Cruz.

To Ask Segregated Bids

ALTERATIONS Cost, $25,000
EXETER, Tulare Co., Calif.
Alterations and additions to present building for new branch bank (new bank fixtures, heating, plumbing, ventilating, etc.).
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Construction Department of Owner.

Contract Awarded

OFFICE BLDG. Cost, $10,000
ALAMEDA, Calif. 2225 Central Avenue.
Office building.
Owner—Dr. D. D. Lum, Palmera Ct., Alameda.
Architect—Kent & Hass, Underwood Bldg., San Francisco.
Contractor—Jensen & Pedersen, 3443 Adelaine St., Oakland.

Bids Opened

RESTAURANT Cost, $.....
SAN FRANCISCO.
Complete new restaurant (kitchen, pantry, equipment, etc., in existing building).
Owner—Withheld.
Architect—S. A. Colton, 544 Market.
Low Bidder—Peter Sartorio, 666 Mission St.....$3,349
Complete bids follow:
Peter Sartorio $3,349
G. P. W. Jensen & Sons, Inc..... 3,490
Dinwiddie Constr. Co., Inc..... 3,980
Bids held under advisement. Announcement will be made in a few days.

19

Plans Being Completed

STORE Cost, $.....
STOCKTON, San Joaquin Co., Calif. Pacific Avenue.
One - story reinforced concrete store building (4,000 sq. ft.)
Owner—N. Flor.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.
Bids probably will be asked November 27.

Bids Wanted — To Close November 30, 12 Noon

STORE BUILDING Cost, $.....
MARTINEZ, Contra Costa Co., Calif. Ferry St.
One-story concrete store building (52 x104 ft.); will contain 3 stores.
Owner—Joe Colombo, Martinez.
Architect—Thomas M. Edwards, 9 Geary St., San Francisco.

Sub Contract Awarded

OFFICE BUILDING Cost, $.....
SAN FRANCISCO, Calif. 210 Sansome St.
Four - story reinforced concrete office building, to be constructed when wrecking of present building now on site is completed.
Owner—Louis R. Lurie.
Lessee—Maryland Casualty Co.
Architect — William D. Peugh, 333 Montgomery St.
Contractor — Cahill Bros., 206 Sansome St.
Wrecking—Symon Bros., 1435 Market St., San Francisco.

Plumbing & Heating Sub Contracts Awarded

BUILDING Cost, $2,000,000
SAN FRANCISCO, Calif. Tenth and Market Streets.
Seven-story reinforced concrete bldg. to house Western Furniture Exchange, with 11-story tower; 52,800 sq. ft. of floor space to each floor. (Approximately 200 tons of structural steel involved.)
Owner—Capital Company, 625 Market Street.
Plans by Construction Department of Owner.
Structural Engineer—L. H. Nishkian, 525 Market St.
Mechanical Engineer—Leland & Haley, 58 Sutter St.
Contractor — Cahill Bros., 206 Sansome St., San Francisco.
Plumbing—Alta Electrical & Mechanical Co., Inc., 467 O'Farrell St.
Mechanical Equipment (includes heating and ventilating)—F. W. Snook Co., 596 Clay St.
As previously reported:
Architectural Terra Cotta & Setting —Gladding, McBean & Co., 600 Market St.
Elevators—Westinghouse Electric Elevator Co., 1 Montgomery St.
Structural Steel — Bethlehem Steel Co., 20th and Illinois Sts.
Reinf. Steel — Soule Steel Co., 1750 Army Street.
Grading—Sibley Grading & Teaming Co., 165 Landers St., San Francisco.

18— WHARVES & DOCKS

CONTRACT AWARDED

SEATTLE, Wash.—General Const. Co., 3840 Iowa, Seattle, awarded contract by J. M. Colman Co. for reconstruction of the Colman Dock, a 2-story structure with ferry slips at the end and approaches to the terminal offices on the second floor. Rautman Plumbing & Heating Co., 115 Jackson, Seattle, awarded contract for the plumbing work. Total cost of the reconstruction is estimated at $200,000. Work will include waiting rooms, offices, entrances and exits.

Separate bids will be asked shortly by Architects Loveless & Fey, 711 Broadway Ave., North, Seattle, for electrical work and sprinkling system.

Reinforcing Steel Contract Awarded

PIER Cont. Price, $379,770
SAN FRANCISCO. Pier 9, foot of Vallejo Street.
Reinforced concrete pier to replace present structure, jacketed piles, reinforced concr. deck, creosoted lumber apron to support track.
Owner—State of California (Board of Harbor Commissioners).
Engineer — Frank G. White, Ferry Building.
Contractor—A. W. Kitchen Company, 110 Market St.
Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.

19—MISC. CONSTRUCTION

Sub Contract Awarded
ALTERATIONS Cont. Pr., $19,170
SAN FRANCISCO. Sixth Ave. and Geary St.
Alterations to undertaking establishment.
Owner—Ashley & McMullen, Inc., 399 Sixth Avenue.
Architect—Johnson & Wethered, Sir Francis Drake Hotel.
Contractor—Peter Sartorio, 666 Mission Street.
Grading—Devincenzi Bros. & Co., 150 Collins Sts., San Francisco.

Plans Being Figured—Bids Close December 9, 10 A. M.
TOLL PLAZA & BLDG. Cost, $150,000
SAN FRANCISCO. Golden Gate Bridge.
Toll plaza and building, exclusive of the toll-registering equipment (1-story wood frame bldg., built-up asphalt roofing, linoleum floors, electric and steam heat, steel sash) comprising administration and maintenance offices, and 14 toll collection booths.
Owner—Golden Gate Bridge District, 111 Sutter Street.
Architect — Irving F. Morrow, de-Young Building.
Engineers—Strauss & Paine, 111 Sutter Street.
Plans and specifications obtainable from the office of W. W. Felt, Secretary, Golden Gate Bridge District, Suite 1000, 111 Sutter St., upon deposit of $50.00.

Plans Being Completed
BROADCASTING STA. Cost, $8,000
WATSONVILLE, Santa Cruz Co.
One-story frame broadcasting station (composition shingle roof, linoleum and acoustical celotex floors, floor furnace, wood sash)
Owner—Withheld.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Bids probably will be asked November 23.

BIDS OPENED
SWIMMING POOL Cost, $.....
SACRAMENTO, Sacramento Co., Cal. William Land Park.
New outdoor plunge (60x120), small pool (30x40), outdoor buffet patio (110 ft. frontage), restaurant, two modernistic concrete and stucco buildings, sun decks; all encircled by 8-ft. concrete wall.
Owner — Riverside Baths (Frank Lauppe, president).
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Low Bidder—Harry Robertson, 3004 F St., Sacramento.
Complete bids follow:
Harry Robertson, Sacramento..$18,324
Siller Bros., Sacramento..... 20,801
Frank Maloney, Sacramento..... 22,000
Triangle Builders, Inc., Sacramento 24,000
Bids are being held under advisement.

Sub Contracts Awarded
LIVESTOCK BLDG. Cost, $640,000
SAN MATEO CO., Calif. Visitacion Valley, South McClaren Park (54-acre tract).
One - story reinforced concrete and steel livestock building (steel trusses, horse show arena, 300x 400 feet; clear truss span over entire area; stadium to seat 10,000, flanked on each side by horse stall units (300 stalls), stadium portion will be 100 ft. in height with 300-ft. span, shower rooms for horses, dormitory units for grooms, etc.).
Owner—Agricultural District 1-A.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—P. F. Reilly, Phelan Bldg., San Francisco.
Reinf. Steel—Bethlehem Steel Co., 20th and Illinois.
Metal Pans & Forms — Steel-Form Contracting Co., 688 Harrison St.
Roofing—J. W. Bender Roofing & Paving Co., 1999 Bryant St.
Metal Sash & Misc. Iron—Michel & Pfeffer Iron Works, Inc., 10th & Harrison Sts.
Steel Metal—Guilfoy Cornice Works, 1234 Howard St.
Painting—D. Zelinsky & Sons, Inc., 165 Grove St.
Plastering—A. Knowles, 982 Bryant St.
Grading—W. P. Fuller Co., 301 Mission St.

CONTRACT AWARDED
SAN JOAQUIN CO., Calif.—Colbery Boat Works, Stockton & West Lindsay Sts., Stockton, at $5,322, submitted only bid and was awarded contract by the County of San Joaquin for the construction of a ferry boat to be delivered to the County at Stockton.

Plumbing Sub Contract Awarded
RADIO STATION Cont. Pr., $15,000
SAN FRANCISCO. W. Bay View Pk.
One-story and basement reinforced concrete radio broadcasting building.
Owner — Hearst Radio, Inc., Hearst Building.
Architect—Miss Julia Morgan, Merchants' Exchange Bldg.
Engineer — W. L. Huber, First National Bank Bldg.
Contractor — F. C. Stolte Company, 3455 Laguna Ave., Oakland.
Plumbing — Rodoni-Becker Co., 455 10th St., San Francisco.
As previously reported:
Electric—Buzzell Electric Works, 130 8th St., San Francisco.
Steel Sash—Truscon Steel Co., 604 Mission St.
Miscellaneous Iron—Michel & Pfeffer Iron Works, 10th and Harrison Sts.
Radio Aerial — Bethlehem Steel Co., 20th and Illinois Sts.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave.

BIDS WANTED
BERKELEY, Alameda Co., Cal.—Until November 30, 10 A. M., bids will be received by Lieut. Col. Leland H. Stanford, Contracting Officer, Signal Office, Presidio of San Francisco, under Bid No. 1084 SC 37-1, for installation of antenna masts at the R.O.T.C., University of California, Berkeley.
Specifications obtainable from the above office.

BIDS OPENED
YERBA BUENA SHOALS.—Moore Drydock Co., Foot of Adeline St., Oakland, at $5,505, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, under Bid No. 868-37-72, for hauling out, painting and repairing the pontoon line of the U. S. Dredge Multnomah.
Complete bids follow:
Moore Drydock Co., Oakland..$5,505.00
Pacific Dry Dock & Repair Co., Oakland 5,629.00
General Engineering & Dry Dock Co., Oakland..... 8,402.45
Pacific Coast Engineering Co., Oakland 9,385.00
Award will be made to the Moore Drydock Co. 19

FUNDS ALLOTTED
MODOC COUNTY, Calif.—Rural Electrification Administration has allotted a loan of $360,000 to the Surprise Valley Electrification Cooperative, Cedarville, for construction of 284 miles of rural distributing lines and a 900 kwh. hydro-electric plant to furnish energy for 682 customers in Modoc and Lassen Cuonties.
The power plant is to be located on Ash Creek, near Adin. Sixty-six miles of transmission line to carry 33,000 volts will be constructed from the plant to Lake City. A 12,000-volt line will touch Round Valley and Big Valley, Adin and Lookout and extend into Lassen County.
Sub-stations are to be constructed at Canby, Davis Creek and Lake City. Allan Stickler, Cedarville, is engineer for the cooperative.

LOW BIDDER
INDEPENDENCE, Inyo Co., Calif.—Yale-Ridell Co., 3016 West Vernon Ave., Los Angeles, submitted low bid to D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, at $9957, for furnishing and installing central automatically controlled hot water system for Aqueduct Headquarters, Independence, Calif., Spec. X-69.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED
UTAH.—Berkeley Steel Const. Co., 2nd and Camelia Sts., Berkeley at $136, fob Berkeley, less 2% 10 days, awarded contract by the U. S. Indian Irrigation Service, Los Angeles, for furnishing one hydro-pneumatic tank for miscellaneous garden tracts for Utah. Invitation No. 0346.

BIDS OPENED
OAKLAND, Calif.—Neptune Meter Co., 320 Market St., San Francisco, at $3,688.94 submitted the only complete bid received by the East Bay Municipal Utility District, Oakland, under Proposal No. 812, for furnishing miscellaneous trident meter parts.
Phoenix Meter Co., New York, submitted a partial bid of $1,912.60.

BIDS OPENED
SAN FRANCISCO.—Pacific Coast Engineering Co., foot of 14th St., Oakland, at $3,000, delivery in 35 days, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-37-71, for furnishing 12 lengths of pontoon pipe for the Dredge, "Multnomah."
Montague Pipe & Steel Co., at $3,144, delivery in 60 days, submitted the only other bid.

BID OPENED
SAN FRANCISCO.—P. L. Brown, San Francisco, at $69.50, submitted only bid to Department of Public Works, City Hall, for lettering doors for office of District Attorney, Public Defender and Adult Probation Department, 550 Montgomery St.

CONTRACT AWARDED
LAKE CO.—Crane Co. was awarded the contract for furnishing 470 ft. 2-in. standard weight pipe delivered to Dewell Rancheria, 11 miles north of Lakeport, by the U. S. Indian Irrigation Service, under Invitation No. 0349. The bids were:
Crane Co., 26.68c ft.; discount 2% 30 days; delivery, 3 to 6 days.
Viking Automatic Sprinkler Co., 26.68c ft.; discount 2%, 30 days; delivery not stated.
Pacific Southwest Pipe Co., 27c ft.; discount 2%, 30 days; delivery, 2 days.

NO BIDS RECEIVED
SAN FRANCISCO.—No bids were received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-77, for furnishing approximately 4,000 c.y. of transit mixed concrete for use in the construction of Seacoast Defenses at Fort Funston.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

STEEL, angles and shapes; Mare Island. Sch. 9279; Nov. 27.

TEES, 150,000 lbs. special steel tees; Mare Island. Sch. 9280; Nov. 27.

LATHES, 7 motor - driven engine; Mare Island. Sch. 9296; Dec. 1.

LATHE, motor - driven engine; 1, Mare Island; 1, San Diego. Sch. 9294; Dec. 1.

STEEL, 6,500 lbs. corrosion-resisting sheet; Mare Island. Sch. 9307; Dec. 1.

DRILLS, 2 motor-driven drills and spares; Mare Island. Sch. 9314; Dec 1.

LAVATORIES: 1 ship and 35 shore, Mare Island; 268 do, Western yards; 70 urinals, Western yards 12 water closets, Puget Sound; 25 do, Mare Island. Sch. 9322; Dec. 1.

FOUNTAINS: 9 electric drinking fountains and spares; Mare Island. Sch. 9299; Dec. 1.

LATHES, 2 motor - driven engine; Mars Island; Sch. 9313; Dec. 1.

MILLING machines, 3, motor-driven, and spares; Mare Island. Sch. 9311; Dec. 1.

LATHES, 2 motor - driven engine; Mare Island. Sch. 9306; Dec. 1.

TUBES, 200 steel boiler tubes; Mare Island. Sch. 9337; Dec. 1.

SOCKETS, 2,000 incandescent lamp sockets; Mare Island. Sch. 9340; Dec. 1.

DRILLS, 45 pneumatic drills, Mare Island; 30 pneumatic grinders, Mare Island; 50 pneumatic hammers, San Diego; 50 pneumatic hammers, Mare Island. Sch. 9333; Dec.8.

OIL, navy fuel; Cavite, Manila, P. I. Sch. 9330; Dec. 15.

Information obtainable from above office and from Headquarters, 12th Navy District, Federal Office Bldg., San Francisco.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Dec. 1, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-110, for furnishing 5,453 ft. lumber and 425 split redwood fence posts.

Delivery fob Rio Vista.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Dec. 1, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-104, for furnishing fence staples, wire fencing, barbed wire, hammer handles, axes, galvanized wire fence, band chains, steel welding rods, lamp guards, conduit, etc.

Delivery fob Rio Vista.

Specifications obtainable from the above office.

SACRAMENTO.—Until November 27, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-112, for furnishing and operating one dragline excavator on bank grading and miscellaneous work at various places along the Sacramento River from Colusa to Knights Landing.

Bids will be taken as follows:

Sch. 1—Rate per hour for time dragline bucket is actually at work excavating material.

Sch. 2—Rate per hour for time during which dragline is held idle on the work during working hours.

Sch. 3—Rate per hour for moving dragline from one job to another.

Sch. 4—Cost of delivering dragline to the Government at Wilson's and for removal therefrom at termination of contract.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until November 30, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-82, for furnishing pipe, valves, fittings, and miscellaneous hardware.

Delivery f.o.b. Pier 3½, San Francisco waterfront.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Dec. 1, 10 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-42, for furnishing 590 ft. sewer pipe; sewer pipe tees, cast iron catch basin covers with frames, and sump covers without frame.

Delivery fob Bidg. No. 59, Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until December 1, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-84, for furnishing form clamps, steel cones, and steel washers. Delivery f.o.b. Fort Funston.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Dec. 4, 2 P. M., bids will be received by Maj. Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, Old Post Office Terminal Bldg., Sacramento, under Bid No. 6870-37-4, for furnishing:

(1) 1,500 tons road gravel;
(2) (a) 65 tons graded gravel, ¼-in. to No. 10;
(b) 105 tons ⅜-in. to No. 10;
(c) 285 tons 1-in. to ½-in.;
(3) 50 tons concrete sand.

Specifications obtainable from the above office.

HAMILTON FIELD, Marin County, Cal.—Until December 1, 11 A. M., bids will be received by the Base Quartermaster, Hamilton Field Air Base, Hamilton Field, under Inv. No. QM 373-37-7, for furnishing 530 l.f. 6-ft. chain link fence, gates, line posts, end posts, corner posts, gate posts, extension arms, tubing, tension bars, clamps, tension wire, barbed wire, aluminum wire, etc.

Delivery fob Hamilton Field.

Specifications obtainable from the above office and copy of bid form on file at the office of DAILY PACIFIC BUILDER.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until December 4, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1697, for furnishing Venetian blinds for the City Hall.

Specifications obtainable from the above office.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

NOVEMBER 30, 10 A. M.:

BID NO. 2902: Knotty pine, Douglas fir, Redwood, Cedar lumber and millwork; fob 198 Oak Rd., Oakland;

BID NO. 2903: 2,000 l.f. 24-inch clay sewer pipe; fob 83rd Avenue and Iris St., Oakland.

BID NO. 2899: 330 l.f. corrugated galvanized metal pipe; fob Point Arena.

DECEMBER 2, 10 A. M.:

BID NO. 2900: 760 rotary, concealed, pop-up type sprinklers; fob Wildcat Rd., 2.5 miles east of Spruce St. and Grizzly Peak Blvd., Berkeley.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Nov. 30, 10 A. M., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2898, for the rental of one power shovel ¾-c.y. capacity, crawler type, diesel or gasoline power unit, for use on WPA project.

Delivery fob Wildcat Canyon Rd., 2.5 miles east of Spruce St. and Grizzly Peak Blvd., Berkeley.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until November 30, 10 a.m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2891, for the rental of one concrete mixer, No. 10 S,-Jaeger, or equal, for use on WPA project.

Delivery f.o.b. Aquatic Park, Larkin & Beach Sts., San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until November 27, 10 a.m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2897, for furnishing 312 l.f. cast iron bell and spigot water pipe, Class 150, for use on WPA project.

Delivery f.o.b. trenchsite, San Jose, and/or bidder's mill.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Nov. 27, 10 A. M., bids will be received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 2889, for furnishing stage lighting equipment, for use on WPA project.

Delivery fob 567 14th St., Oakland.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

AWARD RECOMMENDED

SAN BERNARDINO CO., Calif.—Award of a contract to Wickes Engineering & Construction Co., 1441 Second Ave., Des Moines, at $137,954.50, for construction of a 675-ft. concrete and steel bridge and approaches across the Colorado River at Parker, California-Arizona Federal Lands Highway Project No. 8, in Yuma County, Arizona, and San Bernardino County, California, a net length of 0.84 mile, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco.

BIDS OPENED

SAN BERNARDINO CO., Calif.—George Herz & Co., P.O. Box 191, San Bernardino, at $7,575.50, submitted low bid to the State Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, for the construction of a reinforced concrete box culvert at Sand Creek, about 3 miles east of San Bernardino.

The work involves:
(1) 1320 c.y. struc. excav.;
(2) 22 c.y. existing concrete removed and disposed of;
(3) 86 tons mineral aggregate in place (plant-mixed surfacing);
(4) 4.5 tons liquid asphalt, SC-4, in place (plant-mixed surfacing);
(5) 210 c.y. class A portland cement concrete in place (structure);
(6) 33,000 lbs. bar reinforcing steel in place;
(7) 2 guide posts, in place.

Total bids follow:
(A) George Herz & Co., San Bernardino—$7575.50.
(B) Peter J. McHugh, San Francisco—$9195.80.

Unit bids follow:

	(A)	(B)
(1)	$1.00	$ .84
(2)	5.00	5.00
(3)	5.00	7.00
(4)	11.00	20.00
(5)	21.00	26.00
(6)	.05	.055
(7)	3.00	5.00

BIDS WANTED

MONTEREY CO., Cal.—Until December 16, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a steel beam bridge with concrete deck across Castro Canyon, about 35 miles south of Monterey, consisting of one 51-ft. span, two 50-ft. spans, and two 42-ft. spans.

The work involves:
(1) 3 sta. clearing and grubbing;
(2) 1,600 c.y. struc. excavation;
(3) 46,000 lbs. bar reinf. steel;
(4) 490 c.y. Class A portland cement concrete;
(5) 193,000 lbs. struc. steel;
(6) 520 l.f. timber railing;
(7) 57 l.f. copper seal strips;
(8) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

CONTRACT AWARDED

STANISLAUS CO., Calif.—F. O. Bohnett, Campbell, at $14,530, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the repair of a bridge across Tuolumne River at Basso's Ferry, about 2 miles west of LaGrange, Stanislaus Co.

GRANT APPROVED

SUTTER CO., Cal.—The PWA has approved a grant of $73,850 to aid in financing the reconstruction and repair of the Nicolaus Bridge across Feather River, a six-span structure 750 ft. long. Total cost is estimated at $150,000.

Work will include the replacing of three timber combination spans with three steel through trusses; replacement of two steel deck spans with steel pony trusses; painting, repairing, and reflooring the existing 250-ft. swing span; and applying riprap to prevent scour.

Plans were prepared by Ed von Geldern, Second and C Sts., Yuba City, civil engineer, and were approved by the County Board of Supervisors last August. C. W. Lanzendorf, County Engineer.

Plans are on file at the office of County Clerk Albert B. Brown.

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

SAN DIEGO, Cal.—Until Dec. 1, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th, Naval District, foot of Broadway, San Diego, under Spec. No. 8385 for the construction of landing float moorings at the Naval Operating Base (Destroyer Base) San Diego.

The work consists of the provision and driving of five new creosoted piles and the furnishing and framing of timbers required for the mooring of a wood lighter furnished by the Government to be used as a landing float.

Plans and specifications obtainable from the above office upon deposit of $10.00.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS OPENED

PORTLAND, Ore.—C. T. Malcom, Sherlock Bldg., Portland, at $13,360 submitted low bid to the U. S. Engineer Office, 627 Pittock Block, Portland, for the excavation, hauling and stockpiling of 12,000 c.y. heavy riprap material and 2,000 c.y. loose riprap material for maintenance and improvement to existing river channel at Bonneville.

Three low bids follow:
T. Malcom, Portland.....$13,360
Geo. Schmitt, Portland..... 14,960
Columbia Const. Co. Bonneville 15,360

23— CANALS

CONTRACT AWARDED

BUTTONWILLOW, Kern Co., Cal.—Carl Ingalls, Inc., P. O. Box 1593, Bakersfield, at $0.10 per c.y. submitted low bid and awarded contract by the Board of Directors of the Buena Vista Water Storage District. P. C. Cantrell, Resident Manager, J. E. Woolley, Secretary, for the reconstruction of approximately five mi. of the East Side Canal, involving approximately 38,000 c.y. of excavation.

The amount of material to be removed averages 1.6 c.y. per running foot of canal. The job is located 3 miles from Buttonwillow and 29 miles from Bakersfield.

Complete bids follow:
Carl Ingalls, Inc., Bakersfield....$0.10
T. G. Smith, South Gate..... .105
Rexroth & Rexroth, Bakersfield.. .11
Combs Bros., Bakersfield.....1175
Owl Truck and Materials Co., Compton ..... .128
Williamson & Son, S. F..... .13
Macco Const. Co., Oildale..... .14
Minnis & Moody, Los Angeles..... .14

24—STREET LIGHTING

CONTRACT AWARDED

SAN FRANCISCO.—H. C. Reid & Co., 389 Clementina St., a $36,620 awarded contract by the Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 19, for construction of a street lighting system on Van Ness Ave. between McAllister and Grove Streets.

25— MACHINERY AND EQUIPMENT

BIDS OPENED

BOISE PROJECT, Idaho.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 852-D, for furnishing two 24-in. internal - differential control valves for installation in the drum-gate control chambers in the spillway section of the Arrowrock Dam, Boise Project, Idaho.

John W. Beam, Denver—$2,350; f.o.b. Chicago; ½% discount.

General Engineering & Dry Dock Co., San Francisco—$2,767; f.o.b. San Francisco; net.

S. Morgan Smith Co., York, Pa.—$3,849; f.o.b. York; net.

International Filter Co., Chicago—$4,750; f.o.b. Barber Junction, Idaho; 1% discount.

Johnson City Foundry & Machine Co., Johnson City, Tenn.—$1,930; f.o.b. Johnson City; 1% discount.

BIDS OPENED

CARLSBAD PROJECT, New Mexico.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 849-D, for furnishing:

(1) two 5x5-ft. high-pressure gates; and (2) two 66-in. steel outlet pipes, for installation in the outlet works at the Alamogordo Dam, Carlsbad Project, N. M.:

John W. Beam, Denver—(1) no bid; (2) $9,475; f.o.b. Chicago; discount, ½%.

Koppers Co. (Western Gas Div.), Fort Wayne, Ind.—(1) $17,000; (2) $10,125; f.o.b. Fort Wayne; 1% discount.

Berkeley Steel Constr. Co., Inc., Berkeley—(1) no bid; (2) $10,840; f.o.b. Berkeley; ½% discount.

Alco Products, Inc., New York—(1) no bid; (2) $10,000; f.o.b. Dunkirk; net.

Southwest Welding & Mfg. Co., Inc., Alhambra—(1) no bid; (2) $11,411; f.o.b. Alhambra; 1% discount.

Western Pipe & Steel Co., Los Angeles—(1) no bid; (2) $12,850; f.o.b. Los Angeles; net.

Bethlehem Steel Co., Bethlehem, Pa.—(1) no bid; (2) $9,720; f.o.b. Leetsdale, Pa.; net.

Joshua Hendy Iron Works, San Francisco—(1) $18,458; (2) no bid; f.o.b. Sunnyvale; net.

S. Morgan Smith Co., York, Pa.—(1) $19,680; (2) $10,963; f.o.b. York; net.

Consolidated Steel Corp., Ltd., Los Angeles—(1) $17,600; (2) $10,850; f.o.b. Los Angeles; net.

BIDS OPENED

NEVADA—Bids for furnishing two deep well turbine pumps (1) one 250 gpm for Reno and (2) one 100 gpm for Elko, were opened by the U. S. Indian Irrigation Service, Los Angeles, under Invitation No. 0345.

The bids were:

John Bean, (1) $86; k.w. input, 7.55; (2) $715, k.w. input, 7.06; total $1201.

Pomona Pump Co., (1) $456.71, k.w. input, 6.2; (2) $843.75; k.w. input, 6.6; total $1300.46.

CONTRACT AWARDED

BURBANK, Los Angeles Co., Cal.—Allis-Chalmers Mfg. Co., awarded contract by the Burbank City Council at $48,210 for furnishing eight 1000 kva. and 1667 kva. transformers, under bids received Nov. 10. The contract was awarded with the proviso that certain modifications be made, otherwise contract is to be awarded to the Moloney Electric Co.

CONTRACT AWARDED

SAN FRANCISCO.—San Francisco Bridge Co., 503 Market St., at $175 per hour, submitted low bid and awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, for the rental of a floating boring outfit and attendant plant for a period of about two days for boring in the vicinity of the northeast corner of Yerba Buena Shoals fill.

Marshall C. Harris, at $180 per hour, submitted the only other bid.

BIDS OPENED

SACRAMENTO, Sacramento Co., Calif.—D. McDonald, 204 23rd St., Sacramento, at $5.50 per hour, submitted low bid to Major Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, Old Post Office Terminal Bldg., Sacramento, for the rental of grading equipment for use at the new air base.

The other bids were:

A. Teichert & Son, Inc., Sacramento, $7.10 per hour.

C. A. Baker, North Sacramento, $7.90 per hour.

28— FIRE EQUIPMENT

CONTRACT AWARDED

SANTA CRUZ, Santa Cruz Co., Calif.—The Gamewell Co., 7 Front St., San Francisco, at $1,137.60, submitted only bid received and awarded contract by the Santa Cruz City Council, S. A. Evans, City Clerk, for furnishing nine Peerless 1931 Model, 3-fold fire alarm boxes or equal, f.o.b. City Corporation Yard.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

IMPERIAL CO., Calif.—R. E. Hazard & Son, 2548 Kettner Blvd., San Diego, at $58,459, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about six mi. grading, surfacing with gravel, and treating with liquid asphalt and constructing a timber trestle, in Imperial County, between Mulberry Ave. and Calipatria.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

SKAMANIA CO., Wash. — Homer G. Johnson, Imperial Hotel, Portland, at $29,573, awarded contract by the Bureau of Public Roads, Portland, W. H. Lynch, District Engineer, for 0.982 mile grading on St. Helen's Highway, Columbia National Forest, Skamania County, Washington

CONTRACT AWARDED

OAKLAND, Calif. — Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco, at $3,300 submitted low bid and awarded contract by East Bay Municipal Utility District, Oakland, under Proposal No. 813, for furnishing 5,000 l.f. Class 150, 6-inch dia., bell and spigot cast iron pipe.

U. S. Pipe & Foundry Co., San Francisco, at $3,890 submitted the only other bid.

PLANS AWAITING PWA APPROVAL

SAN MATEO, San Mateo Co., Cal.—Plans and specifications for construction of street and sewer improvements on Second, Third, Fifth, and Ellsworth Avenues have been completed by City Engineer E. P. Wilsey, and are awaiting approval of State PWA Engineer A. D. Wilder

A grant of $19,898 was recently approved by the PWA to assist in financing the project, total cost of which is estimated at $44,219.

CORRECTION IN TOTAL BID PRICE

NEVADA & PLACER COS.—Fredericksen & Westbrook, P.O. Box 138, Lower Lake, at $225,380.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and paving with portland cement concrete about 3.7 miles in Nevada and Placer Counties, between one-half mile west of Soda Springs and Donner Summit, and constructing a parking area near Donner Summit Bridge.

The bidder's total was previously reported as $216,380.50.

CONTRACT AWARDED

LEWIS & PIERCE COS., Wash.—Alex Besoloff, 1715 12th, Seattle, at $45,776, awarded contract by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, W. H. Lynch, District Engineer, for approximately 7.889 mi. guard rail, resloping and slope stabilization on the West Entrance-Paradise Inn Road, Mt. Rainier National Park, Lewis and Pierce Counties.

The principal items of work involved are:

(1) 3 acres clearing;
(2) 43,100 c.y. unclass. excav.;
(3) 60,000 c.y. mi. overhaul;
(4) 3,300 l.f. rounding cut slopes (8');
(5) 100 c.y. masonry guard rail (type 2);
(6) 294 l.f. CGMP;
(7) Lump sum, extra and miscellaneous force account work.

BIDS WANTED

SACRAMENTO, Sacramento Co., Calif.—Until December 3, 4 p.m. (to be opened at 8:15 p.m.), bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, under Bid No. 2320, for the improvement of 41st St. between R and T Streets.

The work will include construction of concrete curbs and gutters, sidewalks, resetting cast-iron gutter drain and connecting same to sewer system with vitrified ironstone sewer pipe; constructing vitrified ironstone pipe sewer, installing cast-iron gutter drains, and connecting same to sewer system with vitrified ironstone sewer pipe; reconstructing existing manhole by placing curb and cover to grade; grading; and constructing an asphaltic concrete pavement 2 in. in thickness on a 4-in. gravel subbase.

Plans and specifications obtainable from the above office.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on December 9, 1936:

III-Nev-37-C,D — Between Donner Grade and East End of Donner Lake. PLANS (No. of Sheets), 7; cost, 70c; CROSS-SECTIONS (No. of Sheets), 54; cost, $5.40; total, $6.10.

V-S.B-Teachers College — In the City of Santa Barbara within the grounds of the proposed State Teachers College. PLANS (No. of Sheets), 4; cost, 40c; CROSS-SECTIONS (No. of Sheets), 14; cost, $1.40; total, $1.80.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

CONTRACT AWARDED

COCHISE CO., Arizona.—J. A. Casson, Box 2293, Phoenix, at $75,292, awarded contract by the Arizona State Highway Commission, Phoenix, for construction of the Benson-Douglas Highway, F.A. 79-J, Sched. 3 (1937), A.F.E. 8002. The work, which extends from a point near Douglas city limits westerly about 1½ miles, consists of grading, draining and cutback plant mix, and is to be completed on or before April 15, 1937.

CONTRACT AWARDED

YAVAPAI CO., Arizona.—Pearson & Dickerson, P.O. Box 471, Prescott, at $66,841.53, awarded contract by Arizona State Highway Commission, Phoenix, for highway construction on the Prescott-Jerome Highway, F.A. Reop. (1937), A.F.E. 7925, F.A. 17 Reop. (1937), A.F.E. 7924. The work, which extends from Jerome southwesterly for a distance of about 6 2/3 miles, consists of furnishing and placing aggregate base course and

cut-back plant mix, and is to be completed on or before March 15, 1937.

CONTRACT AWARDED

NEVADA & PLACER COS., Calif. —Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at $225,380.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and paving with portland cement concrete about 3.7 miles in Nevada and Placer Counties, between one-half mile west of Soda Springs and Donner Summit, and constructing a parking area near Donner Summit Bridge.

CONTRACT AWARDED

ORANGE CO., Calif.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at $37,598.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.2 miles of grading and surfacing with plant-mix surfacing and constructing a timber bridge in Orange County between Dowling Ave. and Linda Vista Street.

BIDS WANTED

INYO COUNTY, Calif.—Until December 16, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 17.6 miles grading in Inyo County between 3.5 miles east of Saline Valley Road and Panamint Sink.

The work involves:

(1) 292 sta. grader work;
(2) 214,000 c.y. rdwy. excav. unclass.
(3) 290,000 sta. yds. overhaul;
(4) 1,000 c.y. struc. excav.;
(5) 100 c.y. ditch excavation;
(6) 11,000 c.y. imported borrow;
(7) 1,000 l.f. 18-in. CMP;
(8) 300 l.f. 24-in. do;
(9) 350 l.f. 30-in. do;
(10) 100 l.f. 36-in. do;
(11) 130 l.f. 48-in. do;
(12) 54 each culvert markers;
(13) 291 each monuments complete in place.

NOTE: The state will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Bishop.

31—PIPE LINES & WELLS

BIDS WANTED

EVERETT, Washington. — Until December 16, 10 a.m., bids will be received by the Everett City Council, S. Frank Spencer, Commissioner of Public Works, for construction of Sections 1, 2, and 3 of the Sultan River Pipe Line Project No. 3, involving construction of a pipeline from Portal No. 4 to Reservoir No. 2 and from Reservoir No. 2 to Soundview Pulp Co.

The work will involve the following quantities of pipe, as well as all fittings and specials:

(1) 38,613 ft. of 52-in. x 5/16-in. steel pipe;
(2) 39,086 ft. of 48-in. x ¼-in. steel pipe;
(3) 8,561 ft. of 48-in. x 5/16-in. steel pipe;
(4) 14,888 ft. of 48-in. x ⅜-in. steel pipe;
(5) 303 ft. of 48-in. x 7/16-in. steel pipe;
(7) 120 ft. of 30-in. x ¼-in. steel pipe.

Alternate bids will be received on about 27,186 ft. of 52-in. centrifugally spun reinforced concrete pipe in lieu of similar amount of 52-in. x 5/16-in. steel pipe.

Plans and specifications obtainable from City Engineer Granville Paine, Cedar and Pacific Streets, Everett, upon deposit of $25.

A PWA grant of $585,000 was recently approved to aid in financing construction of the improvements and additions to the waterworks system, total cost of which is estimated at $1,300,000.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SAN BERNARDINO & RIVERSIDE COUNTIES.—Until December 14, 2 p.m., as previously reported, bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles, for construction of sewer, water supply and fire protection systems under Spec. No. 179. The work is located near Gene pumping plant, approximately 17 miles northeast of Earp, San Bernardino County, and near Hayfield pumping plant, approximately 35 miles east of Indio, Riverside County. The work to be contracted for comprises the furnishing and installing of vitrified clay sewer pipe, open joint clay spreading tile, cast iron and galvanized steel water pipe, valves, fittings, and fire hydrants and the construction of septic tanks, manholes, and a concrete water tank. The work has been grouped in the bidding sheet under two schedules: one covering the work at Gene, and the other covering the work at Hayfield.

Bids will be taken as follows:

SCHEDULE 1

Constructing a sewer system, domestic water supply system, and fire protection system near Gene pumping plant.

(1) 4,560 c.y. excavation, all classes;
(2) 30 c.y. compacted embankment for pipe support;
(3) 280 c.y. gravel backfill for leaching system;
(4) 300 c.y. concrete in manholes, boxes, pipe supports, and pipe incasement;

IMPERIAL CO.—6 Mi. GRADING, ETC.—STATE

IMPERIAL COUNTY, Cal.—R. E. Hazard & Son, 2548 Kettner Blvd., San Diego, at $58,459 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading, surfacing with gravel, and treating with liquid asphalt about six miles and constructing a timber trestle, in Imperial County between Mulberry Avenue and Calipatria.

The work involves:

(1) 1,820 M. gals water;
(2) 73,000 c.y. roadway excavation without classification;
(3) 800 c.y. struct. excav.;
(4) 475,000 sta. yds. overhaul;
(5) 319 sta. finishing roadway;
(6) 18,000 tons gravel surfacing;
(7) 215 tons liq. asphalt, SC-2 (prime coat);
(8) 435 tons liq. asphalt, SC-3 (road-mix surf. treatment);
(9) 70,700 sq. yds. preparing, mix and shape roadbed;
(10) 600 sq. yds. lined gutters;
(11) 7,300 lbs. bar reinf. steel;
(12) 98 c.y. class A portland cement concrete (structures);
(13) 2 each, clearance markers;
(14) 8 MFBM Redwood timber, dense select, all-heart, struct. grade;
(15) 460 l.f. furnishing Douglas fir piles, treated;
(16) 18 each, driving Douglas fir piles;
(17) 1 only remove existing bridge;
(18) 390 l.f. 18-in. CMP;
(19) 130 l.f. 24-in. CMP;
(20) 80 l.f. 36-in. CMP;
(21) 120 l.f. 42-in. CMP;
(22) 96 l.f. 48-in. CMP;
(23) 40 l.f. 54-in. CMP;
(24) 2 each conc. joints for pipe culverts;
(25) 80 l.f. laminated guard railing;
(26) 42 each, culvert markers;
(27) 0.4 mile move and reset property fence;
(28) 56 each monuments.

NOTE: The State will furnish Corrugated Metal Pipe, as more explicitly set forth in the special provisions.

Total bids follow:

(A) R. E. Hazard & Son, San Diego, $58,459.00.
(B) B. G. Carroll, San Diego, $69,-928.00.
(C) V. R. Dennis Const. Co., San Diego, $74,600.50.
(D) Dimmitt & Taylor, Los Angeles, $75,779.80.
(E) Oswald Bros., Los Angeles, $76,-233.75.
(F) J. E. Haddock, Ltd., Pasadena, $84,012.75.
(G) R. E. Campbell, Los Angeles, $94,730.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 1.10	$ 1.50	$ 1 80	$ 2.00	$ 2.25	$ 2.50	$ 1.50
(2)	.21	.27	.20	.26	.29	.37	.37
(3)	1.50	1.00	1.00	2.00	1.25	1.75	2.00
(4)	.005	.005	.005	.01	.008	.01	.005
(5)	5.00	10.00	5.00	10.00	5.00	10.00	10.00
(6)	1.00	1.25	1.85	1.27	1.40	1.15	1.95
(7)	11.00	12.00	12.00	12.00	12.50	12.00	12.00
(8)	13.50	14.00	15.00	15.00	14.75	13.75	15.00
(9)	.04	.05	.04	.06	.045	.08	.09
(10)	1.00	.50	1.00	.70	.75	.90	.15
(11)	.05	.05	.07	.08	.06	.08	.06
(12)	25.00	25.00	25.00	32.00	27.00	40.00	25.00
(13)	15.00	10.00	10.00	10.00	10.00	6.00	10.00
(14)	90.00	125.00	125.00	130.00	130.00	110.00	125.00
(15)	.75	.75	.80	.90	.90	.90	.80
(16)	25.00	20.00	25.00	26.00	40.00	20.00	40.00
(17)	100.00	200.00	100.00	75.00	75.00	500.00	500.00
(18)	1.00	.50	.50	.50	.45	.35	.60
(19)	1.25	.60	.75	.70	.60	.50	.70
(20)	1.50	.75	1.00	1.00	1.50	.75	1.00
(21)	2.00	1.50	1.25	1.10	1.60	.85	1.50
(22)	2.50	2.00	1 75	1.30	2.00	1.00	2.50
(23)	3.00	3.00	2 25	1.50	3.00	1.25	4.00
(24)	20.00	10.00	15 00	10.00	25.00	10.00	20.00
(25)	1.25	2.00	1 00	1.50	1.25	1.50	2.00
(26)	3.00	2.50	2 00	2.50	2.50	3.00	3.00
(27)	312.50	250.00	200 00	400.00	500.00	400.00	200.00
(28)	3.00	3.00	3 00	3.00	3.00	4.00	5.00

(5) 39 M brick masonry for manholes;
(6) 6,100 l.f. furnishing and installing 8-in. vitrified clay sewer pipe;
(7) 600 l.f. furnishing and installing 4-in. vitrified clay sewer pipe;
(8) 1,800 l.f. furnishing and installing 6-in. drain tile for leaching system;
(9) 13,700 lbs. furnishing and installing 8-in. cast-iron pipe for sewer system;
(10) 85,000 lbs. furnishing and installing 6-in. cast-iron pipe for fire protection system;
(11) 3,900 lbs. furnishing and installing 4-in. cast-iron pipe for fire protection system;
(12) 50,000 lbs. furnishing and installing 3-in. cast-iron pipe for domestic water supply system;
(13) 1,200 l.f. furnishing and installing 1-in. galvanized steel water pipe;
(14) 1,000 lbs. welded steel pipe supports;
(15) 7,850 lbs. cast-iron manhole frames and covers;
(16) 600 lbs. steel manhole steps;
(17) 10 hydrants, furnishing and installing fire hydrants;
(18) Furnishing and installing sectionalizing valves for domestic water supply system and fire protection system, risers and blow-off valves for domestic water supply system, and cut-off valves for supply lines to houses, lump sum.
(19) Constructing septic tank, lump sum;
(20) Furnishing and installing miscellaneous material, including Redwood covers and boxes, metal plugs, etc., lump sum;

SCHEDULE 2

Constructing a sewer system, a domestic water supply system, and a fire protection system near Hayfield pumping plant.

(21) 1,800 c.y. excavation, all classes;
(22) 280 c.y. gravel backfill for leaching system;
(23) 10 c.y. concrete in manholes, boxes, and pipe incasement;
(24) 1.2 M brick, brick masonry for manholes;
(25) 950 l.f. furnishing and installing 6-in. vitrified clay sewer pipe;
(26) 650 l.f. furnishing and installing 4-in. vitrified clay sewer pipe;
(27) 1,800 l.f. furnishing and installing 6-in. drain tile for leaching system;
(28) 11,000 lbs. furnishing and installing 6-in. cast-iron pipe for fire protection system;
(29) 7,000 lbs. furnishing and installing 4-in. cast-iron pipe for fire protection system;
(30) 36,000 lbs. furnishing and installing 3-in. cast-iron pipe for sewer system and domestic water supply system;
(31) 450 l.f. furnishing and installing 1-in. galvanized steel water pipe;
(32) 360 l.f. furnishing and installing ¾-in. galvanized steel water pipe;
(33) 350 pounds cast - iron manhole frames and covers;
(34) 20 lbs. steel manhole steps;
(35) 5 hydrants, furnishing and installing fire hydrants;
(36) furnishing and installing sectionalizing valves for domestic water supply system and fire protection system, risers and blow-off valves for domestic water supply system, and cut-off valves for supply lines to houses;
(37) Constructing septic tank, including installation of pumps;
(38) Constructing domestic water tank;
(39) furnishing and installing miscellaneous material, including redwood covers and boxes, metal plugs, etc.

BIDS WANTED

LOS GATOS, Santa Clara Co., Cal.—Until December 7, 5 p.m. (to be opened at 8 p.m.), bids will be received by the Los Gatos Town Council, Donna M. Winning, Town Clerk, Town Hall, for the construction of a reinforced concrete sludge tank to be built in connection with the sewage disposal plant of the City of Los Gatos.

Plans and specifications obtainable from the office of the Town Engineer, Raymond W. Fisher, Porter Bldg., San Jose. 32

CONTRACT AWARDED

SAN JACINTO, Riverside Co., Cal.—J. C. Hickey, 320 S. Palm Ave., Alhambra, at $22,857.05 awarded contract by the San Jacinto city council, for the construction of a sewage collection system for the City of San Jacinto. Koebig & Koebig, engineers 802 Rowan Bldg., Los Angeles.

BIDS WANTED

SAN FRANCISCO.—Department of Public Works, S. J. Hester, Chief Deputy Director, plans to improve (expediency) Conkling St. northerly rom Silver Ave. and Silver Avenue between Scotia Ave. and Layton St., by the construction of sewers and appurtenancs. Spec. No. 18,996.

The work involves:
1) brick manholes, complete;
2) 8-in. VCP sewer, in place;
3) 12-inch do;
(4) 15 -inch do;
(5) 10-in. VCP culvert, in place;
(6) brick catch basin, complete;
(7) 8x6-in. wye branches, in place;
(8) 12x6-in. wye branches, in place;
(9) 15x6-in. wye branches, in place.

Plans and specifications obtainable from the office of City Engineer J. J. Casey, Room 351, City Hall.

33— WATER WORKS

BIDS WANTED

SUN RIVER PROJECT, Montana.—Until December 10, 2 p.m., bids will

ORANGE CO.—1.2 Mi. GRADING & BRIDGE—STATE

ORANGE COUNTY, Calif.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at $37,598.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with plant-mix surfacing about 1.2 miles and constructing a timber bridge between Dowling Ave. and Linda Vista Street.

The work involves:
(1) 62 sta. clear and grubb right of way;
(2) 700 M. gals. water;
(3) 80 c.y. remove existing concrete;
(4) 2,300 c.y. roadway excavation, without classification;
(5) 480 c.y. structural excav.;
(6) 150 c.y. ditch and channel excavation;
(7) 44,000 c.y. imported borrow;
(8) 62 sta. finishing roadway;
(9) 16 tons liq. asphalt, MC-2 (prime coat);
(10) 3,350 tons mineral aggregate (plant-mix surf.);
(11) 176 tons liq. asphalt, MC-4 or MC-5 (plant-mix surf.);
(12) 7 tons liq. asphalt, SC-1A (penetration oil treatment);
(13) 4 tons liq. asphalt, 95 plus (penetration oil treatment);
(14) 8,500 lbs. bar reinf. steel;
(15) 1,600 lbs. misc. iron and steel;
(16) 108 c.y. class A portland cement concrete (structures);
(17) 5.8 MFBM Douglas fir timber, treated;
(18) 13.5 MFBM Douglas fir timber, salvaged;
(19) 3.5 MFBM Redwood timber, dense select, all-heart, struct. grade;
(20) 170 l.f. 8-in. CMP;
(21) 60 l.f. 18-in. CMP;
(22) 270 l.f. 24-in. CMP;
(23) 12 each, spillway assemblies;
(24) 14 each, culvert markers;
(25) 2 each, clearance markers;
(26) 14 each, manholes raised to grade;
(27) 0.9 mile property fence moved and reset.

NOTE: The State will furnish Corrugated Metal Pipe and Embankment Protectors as more clearly set forth in the special provisions.

Total bids follow:
(A) A. S. Vinnell Co., Los Angeles, $37,598.50.
(B) Oswald Bros., Los Angeles, $42,191.00.
(C) C. R. Butterfield, San Pedro, $44,457.00.
(D) George R. Curtis Paving Co., Los Angeles, $44,998.82.
(E) United Concrete Pipe Corp., Los Angeles, $49,107.50.
(F) R. E. Campbell, Los Angeles, $50,413.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
1)	$10.00	$ 8.00	$15.00	$15.00	$20.00	$13.00
(2)	2.00	1.50	3.00	2.50	1.00	2.00
(3)	2.50	4.00	4.00	2.50	3.00	3.00
(4)	.37	.40	.45	.46	.50	.25
(5)	1.00	1.30	1.00	2.25	2.00	1.50
(6)	1.00	1.30	1.00	1.00	1.00	1.00
(7)	.35	.43	.45	.46	.51	.63
(8)	10.00	5.00	5.00	5.00	9.00	10.00
(9)	25.00	24.00	22.50	24.00	25.00	24.00
(10)	2.50	3.00	2.60	2.90	3.15	2.70
(11)	15.00	16.00	15.00	16.80	16.00	15.00
(12)	16.00	17.00	25.00	16.00	20.00	50.00
(13)	22.00	21.00	30.00	22.00	20.00	20.00
(14)	.10	.055	.06	.06	.07	.06
(15)	.20	.175	.12	.18	.17	.10
(16)	25.00	20.00	30.00	25.00	27.00	20.00
(17)	90.00	110.00	100.00	112.50	200.00	120.00
(18)	29.00	52.00	50.00	56.25	40.00	60.00
19)	125.00	135.00	120.00	135.00	150.00	120.00
(20)	.20	.35	.50	.40	1.00	.50
(21)	.50	.40	.75	.50	1.50	.70
(22)	.55	.55	1.00	.75	1.50	.70
(23)	6.00	8.00	7.00	5.00	15.00	8.00
(24)	2.50	2.50	4.00	3.00	2.00	2.50
(25)	6.00	10.00	10.00	8.50	10.00	10.00
(26)	25.00	25.00	50.00	12.50	30.00	20.00
(27)	400.00	500.00	500.00	625.00	400.00	200.00

be received by the Bureau of Reclamation, Fairfield, Montana, A. W. Walker, Superintendent, Sun River Project, under Spec. No. 856-D, for the construction of earthwork and structures for open drains, Greenfield's division, Sun River Project.

The work is located near Fairfield, and the principal items of work involved are:

(1) 305,000 c.y. excavation for drains;
(2) 700 c.y. excavation for structures;
(3) 12,000 c.y. backfill about structures;
(4) 75 c.y. concrete in structures;
(5) Placing 12,000 lbs. reinforcement bars;
(6) Laying 3,160 l.f. 15-in. and 24-in. corrugated metal pipe.

Work shall be commenced within 30 calendar days and completed within 210 calendar days after date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, Fairfield, Montana, or Denver, Colorado, without charge to prospective bidders; to others, $1.00, not returnable.

BIDS WANTED

OAKLAND, Cal.—Until Dec. 2nd, 5:30 P. M., bids will be received by East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L. S. 187, for furnishing and erecting a 1,000,000-gal. steel storage tank at the Berkeley View Terrace site.

Plans and specifications obtainable from the above office.

BIDS OPENED

LOS ANGELES.—Bennett & Taylor, 1041 Venice Blvd., Los Angeles, at $40,147.81 (combined total with deduction for award of both schedules), submitted low bid to the Los Angeles Water & Power Bureau, D. P. Nicklin, Purchasing Agent, for the construction of the Highland Park tank and West Hollywood tank, PWA projects.

The Highland Park tank is to be located in the Eagle Rock district, and will be of reinforced concrete construction with a capacity of 500,000 gallons.

The West Hollywood tank is to be near the terminus of Floral Ave., of reinforced concrete construction and of 500,000-gallon capacity.

The three low bids follow:

Bennett & Taylor, Los Angeles—$40,147.81.
Contracting Engineers, Inc., Los Angeles—$41,021.24.

LOW BIDDERS

ABERDEEN, Wash.—The following are low bids received by Aberdeen city council for furnishing pipe, valves, and construction of submarine Wishkah River crossing of 54-inch pipe line, in connection with the Junction-Hoquiam pipe line:

Beall Pipe & Tank Co., 1945 N. Columbia, Portland, $13,118.25, for furnishing 54-in. i.d. steel pipe and fittings.

Palmer Supply Co., 222 Westlake North, Seattle, $5,235, for furnishing gate valves.

Grays Harbor Const. Co., Aberdeen $11,738, for construction of the submarine Wishkah River crossing.

BIDS OPENED

SPOKANE, Wash.—Pomona Pump Co., Pomona, Calif., at $28,488 submitted low bid to the Spokane City Commissioners for pumping station equipment for the Ray Street pumping station.

The other bids were:

Fairbanks, Morse & Co., Seattle 30,100
Bingham Pump Co., Inc., Portland 32,633
Byron Jackson Co., Berkeley.... 55,200

Alex Lindsay, city water superintendent.

BIDS OPENED

SAN FRANCISCO.—W. J. Tobin, 586 Howard St., San Francisco, at $1,550.96, submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W.D. 127, for the laying of miscellaneous pipe lines in San Francisco.

The work involves:

(1) 2,275 l.f. excavation and backfill for 6- 4- and 2-in. pipe, trench 17-in. wide by 36-in. deep;
(2) 40 c.y. additional excavation and backfill;
(3) 100 sq. ft. additional pavement removal and replacement;
(4) Installing of pipe:
  (a) 415 ft. 6-in. bell and spigot cast iron pipe;
  (b) 510 ft. 4-in. do;
  (c) 1,200 ft. 2-in. do;
  (d) 150 ft. 72-in. screw steel pipe, including joints;
(5) 5,000 lbs. installing of fittings, gate valves, etc.;
(6) 428 l.f. making joints for pipe and fittings (bell and spigot joints);
(7) Repavement:
  (a) 1,460 sq. ft.;
  (b) 700 sq. ft.;
(8) Installation of 17 ¾-in. screw taps;
(9) 100 ft. installation of ¾-in. steel pipe.

Total bids follow:

(A) W. J. Tobin, San Francisco $1,550.96
(B) E. J. Treacy, S. F. 1,979.15
(C) Martin Murphy, Berkeley 2,043.50
(D) Lowrie Paving Co., San Francisco 2,359.00

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$0.25	$0.40	$0.35	$0.40
(2)	.50	1.25	1.00	1.25
(3)	.30	.35	.25	.35
(4a)	.05	.11	.15	.11
(4b)	.04	.10	.10	.10
(4c)	.03	.08	.10	.08
(4d)	.03	.13	.10	.13
(5)	.03	.03	.01	.03
(6)	.27	.25	.50	.25
(7a)	.25	.25	.30	.25
(7b)	.15	.14	.25	.13
(8)	5.00	3.00	1.00	3.00
(9)	.30	.08	.40	.08

CONTRACT AWARDED

NEVADA.—Pomona Pump Co. was awarded the contract for furnishing two deep well turbine pumps (1) one 250-g.p.m. for Reno and (2) one 100-g.p.m. for Elko, by the U. S. Indian Irrigation Service, Los Angeles, under Invitation No. 0345. The bids were:

John Bean (1) $486; kw. input, 7.55; (2) $715; kw. input, 7.06; total, $1201.

Pomona Pump Co., (1) $456.71; kw. input, 6.2; (2) $843.75; kw. input, 6.6; total, $1300.46.

CONTRACT AWARDED

SACRAMENTO COUNTY. — Pomona Pump Co. submitted the only bid and was awarded the contract by the U. S. Indian Irrigation Service, at $475, discount 5%, 30 days, for furnishing and installing one deep well turbine pump, 250 g.p.m. with electric motor at Wilton Rancheria, 22 miles southeast of Sacramento, Federal Proj. No. 600; Invitation No. 0347.

CONTRACT AWARDED

MONTEREY CO., Calif. — M. J. Murphy, Inc., Carmel, at $2,417.98, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of a reinforced concrete water tank at the Molera Ranch, about 26 miles south of Monterey

CONTRACT AWARDED

SAN FRANCISCO.—W. J. Tobin, 586 Howard St., San Francisco, at $1,550.96 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 127, for the laying of miscellaneous pipe lines in San Francisco.

34— PARKS AND PLAYGROUNDS

BIDS WANTED

ELKO, Nev.—Until Dec. 11, 10 A. M., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Elko.

Plans and specifications obtainable from the above office and from Custodian of the building at Elko.

35— TUNNELS

CORRECTION IN BID OPENING HOUR

ALAMEDA-CONTRA COSTA COS. —Until December 9, 11 a.m., bids will be received by the Board of Directors of Joint Highway District No. 13, in the Supervisors Chambers, Hall of Records, Fifth and Broadway, Oakland, for the completion of air ducts, paving, etc., of the Broadway Low Level Tunnel, Schedule "C", and including all work not included in Schedule "A".

It was previously reported incorrectly that bids would be received until 11:30 a.m.

Plans and specifications obtainable from the office of Chief Engineer Wallace B. Boggs, 1448 Webster St., Oakland, upon deposit of $50.00, of which $40 will be returnable. * 35

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until November 30, 2 P. M., bids will be received by H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 4070: 100 1-quart containers and 50 1-gallon containers of carbon tetrachloride type fire extinguisher fluid; fob bidder's shipping point and/or Government Island.

BID NO. 4071: Water closet, laundry tray, hot water boiler, etc.; fob bidder's shipping point and/or Alturas.

BID NO. 4020: 250 sq. yds. of inlaid linoleum and 25 gals. of linoleum paste; fob bidder's shipping pt. and/or Santa Barbara.

BID NO. 4069: 25 dozen No. 2 long handle shovel handles; fob bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Until November 27, 2 P. M., bids will be received by H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 4055: 72 rolls mineral surfaced roofing, 30 lbs. nails, and 4 gals. roofing cement; fob bidder's shipping point and/or San Juan Capistrano.

BID NO. 4054: 10,000 feet blasting leading wire; fob bidder's shipping point and/or Government Island.

Specifications obtainable from the above office. *

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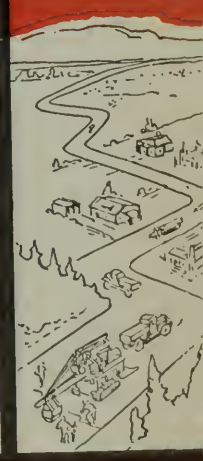
New Board Regulations Curb State Licensing

Building Permits, Advance Reports of Building and Engineering Projects



December 5, 1936

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ON THE JOB IN WESTERN CONSTRUCTION

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Nation's Highway Officials Assemble In San Francisco For Annual Session

Men who design America's highways, who prepare the nation's annual highway budget and who supervise its expenditures will be in San Francisco next week. They are the members of the American Association of State Highway Officials who are holding their annual convention here partly for the reason that they wanted to see the world's two greatest highway bridges on the invitation extended last year by State Highway Engineer Charles H. Purcell and Chairman Harry Hopkins of the State Highway Commission.

Assembled here for the 4-day session will be approximately 900 delegates, it was estimated last night at convention headquarters in the St. Francis hotel. The advance registration had reached 750 yesterday. They will include representatives from each of the 48 states and the territories of Alaska and Hawaii, probably the first time in history that every state highway department has been represented in one convention.

Key men from the U. S. Bureau of Public Roads from the Washington office and each district office will attend and the annual meeting of district engineers of the bureau will be held here following the convention. Thomas H. MacDonald, chief of the bureau, will be one of the convention speakers, Governor Philip La Follette of Wisconsin; Charles E. Andrew, bridge engineer for the California State Division of Highways; R. E. Toms, chief of design for the Bureau of Public Roads; P. G. Hoffman, president of the Studebaker Corporation, also are among the leading names on the program.

Sessions will open at 10:30 Monday morning with an address of welcome from Mayor Rossi and a message from Gov. Frank Merriam. Gibb Gilchrist of Texas, will preside. In the opening meeting State Director of Public Works Earl Lee Kelly will deliver an address. In the afternoon the delegates will hear the address of Thos. H. MacDonald, with W. F. Callahan, vice-president of the association, presiding.

Tuesday and Wednesday mornings general sessions will be held. Tuesday afternoon the delegates will adjourn to group meetings. The last general session will be held Thursday to be followed by the annual business meeting in the afternoon and installation of officers.

An extensive entertainment program has been prepared during several months of preliminary work by members of Mr. Purcell's staff. Events include a buffet supper and bay excursion Monday night for the association members and their families; Bay Bridge tour Wednesday afternoon; dinner at the St. Francis Wednesday night; and Friday and Saturday following the convention a caravan tour over some of the state's finest scenic routes. Starting Friday morning the State Division of Highways will furnish transportation for all delegates desiring the trip to Los Angeles, making a 2-day tour by way of the Big Trees, Del Monte and Santa Barbara. For those planning to return by way of the northern route, accommodations for sixty persons will be provided on a trip over the Redwod Highway to the northern boundaries of the state.

Commenting on the prospects for the 1936 convention, W. C. Markham, executive secretary of the association, said:

"When the association held its annual convention in San Francisco twelve years ago, thirteen state highway departments did not answer to the roll call. The East had not yet learned to travel West; and had it been attempted 'overland' it would have been an impossible task.

"This year it is a different story and Maryland is the first to register from the Atlantic seaboard. There will be twelve delegates and some of them are planning to motor the entire distance."

BUREAU CHIEFS READY TO START VALLEY PROJECT

Early Contracting Of 1st Units Promised By Reclamation Service

An early start on one or more units of the Central Valley Project is promised by chiefs of the U. S. Bureau of Reclamation, according to Floyd O. Booe, secretary-manager of Northern California Chapter, Associated General Contractors, who has just returned from Spokane where he conferred with Acting Commissioner John C. Page and Chief Engineer R. F. Walter. The bureau executives attended the annual convention of the National Reclamation Association, which attracted approximately seven hundred delegates and visitors from fifteen western states.

California was represented by a score of state and local officials and representatives of various reclamation projects. James R. Fauver of Exeter was elected to the association board of directors to represent California, succeeding Robert P. Easley. State Engineer Edward Hyatt and Walker Young, construction engineer for the Central Valley Project, were among those in attendance.

The association approved a budget of $30,000 for the coming year and voted to establish an office in Denver or Salt Lake City in charge of a full-time executive secretary and to engage a representative at Washington to observe legislation affecting reclamation during the forthcoming session of Congress.

O. S. Worden of Great Falls was re-elected president, and L. A. Campbell of Helena was elected secretary for another term.

The Central Valley project units on which engineering is complete are delayed only by final negotiations for right-of-way and settlement of water rights, Mr. Booe was advised. Probably the first unit on which contracts will be let is the Contra Costa conduit to be followed by portions of the Madera and Friant-Kern canals, and Friant Dam.

RECORD ORDER FOR NEW STEEL BY SANTA FE

Company Lets Equipment-Rail Contracts Exceeding $20,000,000

Orders for new equipment and steel rails to cost $20,000,000 were announced yesterday by the Santa Fe Railway. The contracts let included thos for purchase of 155,000 tons of rail, tie plates, angle bars, bolts and spikes, said to be the largest order of its kind placed since 1929 by any railroad.

The bulk of the order went to the Colorado Fuel and Iron Company, Carnegie Illinois Steel Co., Inland Steel Company and Bethlehem Steel Company with a number of other steel companies participating.

The equipment order included 3-025 new freight train cars costing $10,183,925, and 27 locomotives costing $3,985,000, a total of $14,168,928 for cars and locomotives, making a grand total of the combined order for rail and equipment of $20,303,925.

The equipment order includes 1,500 box cars of 100,000 pounds capacity each which will be constructed by the Pullman Standard Car Manufacturing Co.; 500 box cars of 100,000 pounds capacity each which will be built by the American Car and Foundry Co.; 200 refrigerator cars of 100,000 pounds capacity each; 500 refrigerator cars of 80,000 pounds capacity each, and 325 gondola cars of 140,000 pounds capacity each construction of which was awarded to the General American Transportation Company.

Of the 27 locomotives, 17 will be streamlined, high speed passenger engines primarily for service between Chicago and the Pacific Coast for use in hauling Santa Fe's fast passenger trains between these points. Eleven will be of the 4-8-4 type with 80-inch driving wheels, and six of the 4-6-4 type with 84-inch driving weels. The boilers will be of nickel steel construction.

These engines will burn oil and will be fully equipped with roller bearings. With these locomotives in service only one change of engines will be necessary between Chicago and the Pacific Coast on the Santa Fe, one locomotive being used to haul its passenger trains from Chicago to La Junta, a distance of 991 miles, and the second from La Junta to Los Angeles, a distance of 1,236 miles.

About six years ago the Santa Fe, in anticipation of the growing demand for high speed movement of transcontinental freight, constructed for experimental purposes a type of freight locomotive capable of handling heavier trains over the mountain territory at considerably higher speeds than were being run by freight locomotives then in service.

This locomotive, known as Engine 5,000, has since been thoroughly tested. The ten freight locomotives included in this equipment order are of the same type as this experimental Class 5,000 engine which has proven its merit from the standpoint of greater economy, reliability, speed and capacity in freight service.

WAGE INCREASE REFLECTED BY PWA PAY RATES

Craftsmen On Public Works Earn 77 Cents Average Per Hour In September

The Bureau of Labor Statistics of the Department of Labor has reported to Public Works Administrator Harold L. Ickes that during September average wage hourly earnings reached the highest point since the program of the Public Works Administration was initiated in July, 1933.

Reports from 48 state offices indicated that the average pay of PWA workers employed on both federal and non-federal programs during September was $.776 per hour, according to their compilation.

The lowest average wage during the course of the program was that of $.528 per hour in October, 1933. Hourly wage earnings over the 3-year period average $.652.

The PWA practice has been to pay prevailing wage rates on all projects undertaken by it. These rates are usually determined by the union wage scale in the zone in which the undertaking is being constructed. While average hourly rates for skilled labor alone have yet to be determined, it is obvious that the figure is far in excess of the average hourly pay determined by the Bureau of Labor Statistics which covers both skilled and unskilled labor.

State Vets Buy Homes at Rate of $1,000,000 Monthly

Veterans are completing home purchases at the rate of $1,000,000 a month, according to John R. Quinn, state director of military affairs, who announces the offering of another block of $3,000,000 in bonds from the last veterans home loan issue. Bids for the bonds will be received January 7 and it is expected that they will be sold at a record low interest rate of 2½ per cent or less.

The sale will leave unsold only $12,000,000 of the last issue of $30-000,000 for aiding home purchases. Mr. Quinn reported home loans to date from proceeds of bond issues total $70,711,555, benefitting more than 15,000 veterans.

BIDS DEC. 18 FOR ERECTING CHLORINATOR

Water Dept. Designs Plant To Eradicate Pipeline Vegetation

The San Francisco Public Utilities Commission yesterday issued a call for bids to be opened December 18, for the construction of a chlorinating plant near the Tesla Portal of the Hetch Hetchy Aqueduct coast range tunnel about 7½ miles south of Tracy.

It is necessary to chlorinate and ammoniate the water passing thru the tunnel in order to prevent the growth of crenothrix which will clog the pipes if not checked, engineers state. Extensive tests have been conducted to discover the best preventive for the growth which is found only in the coast range tunnel, due, it is believed to soil and spring conditions at that portion of the pipe line. Chlorine combined with ammonia was found to be the most efficient combatant of crenothrix and the most enduring since it remains active throughout the length of the tunnel.

The contract calls for the construction of a chlorinator building including the installation and furnishing of a 3-ton traveling crane hoist. A pump house and keeper's house and garage must also be built. All buildings are to be of wood frame construction with cement plaster exterior and composition shingle roofs.

Equipment to be furnished and installed includes two 10-hp. pumping units; water supply and fire hydrant piping; a platform scale, and all electrical, heating and lighting equipment for the buildings and pump units.

Two steel water storage tanks are to be constructed and certain roads in the vicinity. An existing wood frame building and wood stave water tank must be disposed of before construction can start.

Fabricated Steel Orders Top 1935 Total Tonnage

New business booked by the fabricators of structural steel during October showed a further increase, making the total of new business for the first ten months of 1936 larger by 23 per cent than the total booked for the entire twelve months of 1935.

Shipments during October were the largest in volume of any month this year, excepting June and July the American Institute of Steel Construction reports. The trend of bookings and shipments is contrary to the usual seasonal decline.

Tonnage available for fabrication within the next four months, the institute estimates at 334,233 tons and available thereafter 78,840 tons.

32 NAMED ON ELIGIBLE LIST FOR INSPECTORS

Civil Service Exams Qualify Candidates For City Vacancies

Successful candidates in the examination for the position of building inspector were made known yesterday by the San Francisco Civil Service Commission with release of the new eligible list on which 32 are named.

The examination which was held beginning August 14 was taken by 81 applicants, the Commission announced.

There are five positions open at the present time, all of which are in the Department of Building Inspection, of which Erle L. Cope is chief. There are no vacancies in the Bureau of Architecture, according to City Architect Charles H. Sawyer.

Following is a list of those named on the eligible list:

Lester C. Bush, 821 Quintara Street.
Frank L. Schultz, Apt. 10, 875 Bush.
Bennett H. Bowley, 1 Geneva Ave.
Geo. L. Buckingham, 2808 Jackson.
Francis H. Stewart, 1945 Franklin.
Thos. G. Engstrom, 2245 Larkin St.
John H. Reavey, 524 Post Street.
Stephen A. Nemeth, 155 Capistrano.
Roy C. Okerman, 1470 Fulton St.
Henry F. Kay, 1571 Eighth Avenue.
Edwin F. Levy, 727 17th Avenue.
David R. Lewis, 1926 18th Avenue.
Lawrence O. Ebbets, 2048 Market St.
Louis Ross, 2849 Washington Street.
Ray J. Kotta, 514 12th Avenue.
Henry W. Swanitz, 1263 7th Avenue.
Aldo P. Savio, 625 Scott Street.
Russell M. Grossman, 150 Oak Street.
Benedict L. Giusto, 230 College Ave.
Philip L. Rezos, 1890 Grove Street.
Harry W. Abrahams, 1347 Jackson.
Herman G. Koepff, 2567 15th Avenue
Hubert H. Hitchcock, 2655 23rd Ave.
Walter B. Krohn, 3921 19th Street.
Michael P. Markoff, 724 16th Ave.
Milton F. Mitchell, 1370 Utah Street.
Charles A. Blume, 604 Irving Street.
William A. Carrick, 539 Scott Street.
James T. Hester, 1495 18th Avenue.
Joseph C. Stuart, 735 19th Avenue.
George R. Monks, 975 14th Street.
Melvin Bradlow, 1372 Chestnut St.

MONTELL IN CHARGE EL CAMINO CONTRACT

District Engineer Jno. H. Skeggs of the Division of Highways has announced the appointment of Engineer F. W. Montell as resident engineer on the widening of the El Camino Real between San Mateo and Redwood City. Montell's new address is 618 El Camino Real, San Carlos.

Last week Basich Brothers of Torrance were awarded the contract for the job at $340,785.50.

The contract calls for the improvement of 5.6 miles of the El Camino Real between Twenty-fifth Ave., San Mateo, and Broadway in Redwood City. The new right of way will have a minimum width of 100 feet, providing a four-lane highway. The present maximum width is 85 feet.

$360,000 Allotted To Modoc Group For Power System

First allocation of funds from the Rural Electrification Administration to a Northern California project is reported in a loan of $360,000 to the Surprise Valley Electrification Cooperative of Cedarville. The money will be used to construct a hydro-electric plant on Ash Creek and 284 miles of rural distributing lines in Modoc and Lassen Counties.

From the Ash Creek plant, near Adin, a 33,000-volt line will extend 66 miles to Lake City by way of Canby and Davis Creek. A 12,000-volt distribution system will serve Round Valley and Big Valley, Adin and Lookout and extend into Lassen County.

At Canby a substation will be established, according to plans and the voltage stepped down from 33,000 to 12,000 volts, to supply Canby and consumers along the line as far as Alturas. Another substation is planned at Davis Creek. Lake City will have a distributing sub-station which will supply the 218 mile area between Fort Bidwell, north and Eagleville to the south.

The cooperative expects to serve nearly 700 customers, requiring power for irrigation system pumping plants as well as domestic uses.

Contractors Drop Plans for Annual

Members of Northern California Chapter, Associated General Contractors, will not hold their usual pre-Christmas entertainment this year, Floyd O. Booe, secretary-manager, announced yesterday following a poll of the membership. Many of the members reported they were planning to attend the convention of the American Association of State Highway Officials in San Francisco next week and would be unable to take time for a chapter affair later in the month. Any entertainment during the convention week would interfere with the highway officials program, it was believed.

Mr. Booe said his chapter is closing the year with the largest membership in its history and the year will be regarded as one of the most successful in chapter activities.

New members recently elected by the board of directors include: Ariss-Knapp Co., 961 41st Street, Oakland; Sibley Grading & Teaming Co., Ltd., 165 Landers Street, San Francisco; Claude C. Wood, general contractor, 2224 Lakeside Ave., Stockton; John Carlin and Granfield-Farrar & Carlin, 67 Hoff St., San Francisco; William Van der Hellen, El Portal.

SHIP BLOCADE SLOWING WORK IN CONSTRUCTION

Industrial Association Survey Shows Reduction on Contractors' Payrolls

Largely due to the restricted supply of building materials in San Francisco, caused by the waterfront strike, 773 fewer building trades workers were employed in November than in May, according toa semi-annual employment census made public by the Industrial Association yesterday.

Men employed dropped in number from 7,413 in May to 6,640 in November. The maritime strike was in effect throughout the entire month of November, the Association points out. The census shows that building trades workers, the majority of whom are union men, and builders are suffering from the general paralysis created by the waterfront tie-up.

Prior to the strike of the maritime unions, the number of men employed in the building industry was steadily gaining, increasing from 2,360 in November, 1932, to the five-year high in May, 1936. The decrease shown last month was the first since the low of the 1932 depression year.

Employment figures released by Managing Director A. E. Boynton of the Industrial Association of San Francisco, in a report to the association's board of directors, show that the carpenters were the largest employed group in the building trades in November, with a total of 1,424.

Other leading group totals for last month were: Laborers, 1,293; painters, 699; plasterers 337; roofers, 230; bridgemen, 222; plumbers, 220; electrical workers, 197; foremen, 192; plasterers' hodcarriers, 163; housesmiths (reinforced concrete) 144; tile setters, 135; cement finishers, 134; sheet metal workers, 130.

This census is taken by field agents of the association who visit every job and count the workers employed. The totals represent building trades mechanics actually at work in building and construction.

EIGHTEEN TO TAKE ARCHITECTS' EXAM

The examination for architect's certificates will be taken by eighteen applicants in the Engineering and Designing Building of the University of California, December 14 to 17, the State Board of Architectural Examiners announced yesterday.

Approximately the same number of applicants will take the examination in Southern Division. The examinations there will be on the same days at the University of Southern California.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2429	Craig	Messenger	5000
2430	Stoneson	Owner	3500
2431	Stoneson	Owner	3500
2432	Stoneson	Owner	3500
2433	Stoneson	Owner	3500
2434	Stoneson	Owner	3500
2435	Stoneson	Owner	3500
2430	Wood	Siegrist	3975
2437	Standard	Owner	3500
2438	Standard	Owner	3500
2439	Benson	Owner	4500
2440	Texas	Michel	4000
2441	Quinn	Owner	4000
2442	Deshles	Owner	2000
2443	Galloway	Coburn	1300
2444	Arnott	Owner	4000
2445	Arnott	Owner	4000
2446	Arnott	Owner	4000
2447	Arnott	Owner	4500
2448	Arnott	Owner	4500
2449	Harget	Baker	2000
2450	Lowe	Moret	1900
2451	Halliger	Mallock	1000
2452	Yackley	Schmidt	2950
2453	Mayes	Owner	1000
2454	Chase	Mohr	4000
2455	Chase	Mohr	4000
2456	Chase	Mohr	4000
2457	Happy	McKeon	4000
2458	Happy	McKeon	3450
2459	Texas	Milton	5000
2460	De Benedetti	Owner	5000
2461	Franceschi	Owner	7000
2462	Musto	Barrett	1890

ALTERATIONS
(2429) 2116 LYON ST. Alter dwelling.
Owner—Donald Craig, 112 Presidio.
Contractor—J. Messenger, 1507 Lincoln, Berkeley.
Architect—Warren Perry, 260 California St. $5000

DWELLING
(2430) SW SHAWNEE AVE., 105 SE DELANO. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $3500

DWELLING
(2431) NE MT. VERNON, 73 SE DELANO. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $3500

DWELLING
(2432) SW SHAWNEE, 130 SE DELANO. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $3500

DWELLING
(2433) NE MT. VERNON, 48 SE DELANO. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $3500

DWELLING
(2434) NE MT. VERNON, 23 SE DELANO. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $3500

DWELLING
(2435) SW SHAWNEE, 80 SE DELANO. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $3500

SALESROOM
(2436) E. 4TH ST, 50 N CLEMENTINA. One-story class C salesroom.
Contractor—F. R. Siegrist, 604 Mission.
Architect—Norman B. Green, Sharon Bldg. $3975

DWELLING
(2437) W. 25TH AVE., 225 N LAWTON. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah.
Architect—Not Given. $3500

DWELLING
(2438) W. 25TH AVE., 250 N LAWTON. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St.
Architect—Not Given. $3500

DWELLING
(2439) E. 34TH AVE., SE SANTIAGO. One-story and basement frame dwelling.
Owner—Andrew J. Benson, 2324 15th Ave.
Architect—Not Given. $4500

SERVICE STATION
(2440) NW FELL and Masonic Ave. One-story steel service station.
Owner—Texas Co., Los Angeles.
Contractor—Michel and Pfeffer Iron Works, Inc., 1415 Harrison St.
Architect—Not Given. $4,000

DWELLING
(2441) S. LINCOLN WAY, 83 E 25th AVE. One-story and basement frame dwelling.
Owner—A. and B. Quinn, 229 Dolores.
Architect—Not Given. $4000

(2442) S. PAYSON, 75 West St. CHARLES. One-story and basement frame dwelling.
Owner—Isabel Deshles, 930 Shields.
Architect — William Deshles, 930 Shields. $2000

ALTERATIONS
(2443) 451 40TH AVE. Alter dwelling.
Owner—M. Galloway, Prem.
Contractor—Ira W. Coburn, 2048 Market St.
Architect—Not Given. $1300

DWELLING
(2444) N. RIVERA, 32 W 16TH AVENUE. Two-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $4000

DWELLING
(2445) E. 16TH AVE., 246 S RIVERA. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $4000

DWELLING
(2446) N. RIVERA, 65 W 16TH AVENUE. Two-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $4000

DWELLING
(2447) N. RIVERA, 30 E 16TH AVENUE. Two-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $4500

DWELLING
(2448) E. 24TH AVE., 172 N OCEAN. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $4,500

DWELLING
(2449) E. BRONTE, 100 N JARBOE. One-story and basement rame dwelling.
Owner—Hazel Harget, 2035 Sacramento.
Contractor—Jack Baker, Humboldt Road.
Architect—C. M. Cook, Brisbane, California. $2000

ALTERATIONS
(2450) 29 JOHN ST. Alter dwelling.
Owner—W. C. Lowe, 1315 Stockton.
Contractor—Villa Moret, Inc., 793 Market.
Architect—Not Given. $1900

ALTERATIONS
(2451) 216-18 MAPLE. Alter flats.
Owner—Greta Halliger, care Contractor.
Contractor—J. S. Malloch, 666 Mission.
Architect—Not Given. $1000

DWELLING
(2452) E. FLORIDA, 208 N 24TH. One-story and basement frame dwelling.
Owner—Richard Yackley, 2746 Folsom.
Contractor—Schmidt Bros., 25 Vogel.
Architect—Not Given. $2950

ALTERATIONS
(2453) 199 CHESTNUT. Alter apartments.
Owner—Carolyn Mayes, Prem.
Architect—Not Given. $1000

DWELLING
(2454) W. 26TH AVE., 250 S QUINTARA. One-story and basement frame dwelling.
Owner—R. S. Chase, 4482 Mission.
Contractor—Rudolph Mohr & Sons, 4482 Mission.
Architect—Not Given. $4000

DWELLING
(2455) W. 26TH AVE., 275 S QUINTARA. One-story and basement frame dwelling.
Owner—R. S. Chase, 4482 Mission.
Contractor—Rudolph Mohr & Sons, 4482 Mission.
Architect—Not Given. $4000

DWELLING
(2456) W. 26TH AVE., 300 S QUINTARA. One-story and basement frame dwelling.
Owner—R. S. Chase, 4482 Mission.
Contractor—Rudolph Mohr & Sons, 4482 Mission.
Architect—Not Given. $4000

DWELLING
(2457) W. 29TH AVE., 400 N RIVERA. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 2194 30th Ave.
Contractor—C. T. McKeon, 2194 30th Ave.
Architect—Not Given. $4000

DWELLING
(2458) W. 29TH AVE., 350 N RIVERA. One-story and basement frame dwelling.
Owner—Happy Homes Bldg. Co., 2194 30th Ave.
Contractor—C. T. McKeon, 2194 30th Ave.
Architect—Not Given. $3450

SERVICE STATION
(2459) SE COR. 19TH AVE. AND KIRKHAM. Class C Service Station.

Owner—Texas Oil Co., Los Angeles.
Contractor—Bryan Milton, 589 Haddon Road.
Architect—R. C. Schuppert, 1530 Wellington, Oakland. $5000

DWELLING
(2460) SW COR. ALEMANY BLVD. AND SAN JUAN AVE. One-story and basement frame dwelling.
Owner—A. De Benedetti, 100 Brazil.
Architect—Not Given. $5000

DWELLING
(2461) E. BAKER, 130 N JEFFERSON. Two-story and basement frame dwelling.
Owner—Louis Franceschi, 3630 Fillmore.
Architect—Not Given. $7000

ALTERATIONS
(2462) 530 TAYLOR. Alter garage.
Owner—Joseph Musto Estate Co., 534 North Point.
Contractor—Barrett & Hilp, 918 Harrison.
Architect — W. H. Ellison, Pacific Bldg. $1890

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1813	Nichelson	Flagg	7000
1814	Beck	Ungaretti	5200
1815	Heltman	Heltman	2300
1816	East	Owner	1000
1817	Turrin	Coward	1250
1818	Nottingham	——	5500
1819	Allen	Allen	7500
1820	Berkeley	Owner	13500
1821	Reisch	Dawe	10500
1822	Thomas	Matheger	1500
1823	Abbott	Carlson	5200
1824	Whiting	Lynn	2000
1825	Nicholson	Nicholson	4000
1826	Whiting	Lynn	4500
1827	Whiting	Lynn	2500
1828	Whiting	Lynn	4000
1829	Whiting	Lynn	6000
1830	Netherby	Netherby	5000
1831	State	State	22925
1832	General	Austin	74000
1833	Jamieson	Muller	30000
1834	Dowling	Owner	8000
1835	Byrne	Morris	6000
1836	MacDonald	Walker	4000
1837	Berkeley	Ringeltaube	1200
1838	Peacock	Owner	1800
1839	Butler	Owner	2900
1840	Fisher	Johnson	3400
1841	Glass	Rose	2900
1842	Lee	Owner	1800
1843	Donovan	Jansen	1500
1844	Walker	Tranmal	14000
1845	Fidelity	Waldman	3200
1846	Dooley	Owner	6000
1847	Wiggins	Owner	6000

DWELLING
(1813) 1926 CARTER ST., OAKLAND. One-story 6-room dwelling.
Owner—L. E. Nickelson, 1763 Clemens Road.
Contractor—John S. Flagg, 3387 Morcom Ave.
Architect—Not Given. $7000

DWELLING
(1814) 5790 BUENA VISTA AVE., OAKLAND. Two-story 6-room dwelling.
Owner—Fred Beck, 409 Alhambra Dr.
Contractor—Chas. Ungaretti, 1727 Foothill Blvd.
Architect—Roy Keefer, 585 Mandana Blvd. $5200

DWELLING
(1815) 1712 86TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—W. W. Heltman, 1741 68th Ave.
Contractor—L. E. Heltman, 1741 68th Ave.
Architect—Not Given. $2300
Also 1-story garage, $75.

RETAINING WALL
(1816) 2200 BYWOOD DR., OAKLAND. Concrete retaining wall.
Owner & Builder—East Bay Investment Co., 2201 Bywood Drive.
Architect—Not Given. $1000

ALTERATIONS
(1817) 1942 EAST 27TH ST., OAKLAND. Alterations.
Owner—Antonio Turrin, 2021½ Clinton St., Alameda.
Contractor—Jos. S. Coward, 2021 Clinton Ave., Alameda.
Architect—Not Given. $1250

DWELLING
(1818) 3219 KINGSLAND AVE., OAKLAND. Two-story 6-room dwelling.
Owner—N. Nottingham, Prem.
Contractor—William Watson, 4750 Meldon Ave.
Architect—Not Given. $5500

DWELLING
(1819) E. CASTLE DR., LOT 10, PIEDMONT PINES, OAKLAND. Two-story 6-room dwelling.
Owner—Glenn G. Allen, 3471 Laurel Ave.
Contractor—Allen & Allen, 3471 Laurel Ave.
Architect—E. Musson Sharpe, 111 Sutter St., San Francisco. $7500

RECONSTRUCTION
(1820) 1731 PRINCE, BERKELEY. Reconstruct School.
Owner & Builder—Berkeley Public Schools, 2325 Milvia.
Architect—G. F. Chace Eng. Co. $135,000

DWELLING
(1821) W GRAVATT DR., Lot 104 Claremont Knoll, OAKLAND. 2-story 7-room dwelling.
Owner—A. Reisch, Kingsburg.
Contractor—Leslie C. Dawe, 449 Coventry Road, Berkeley.
Architect—Walter C. See, 1047 Monterey Ave., Berkeley. $10,500

ADDITION
(1822) 2201 RANSOM Street. OAKLAND. Addition.
Owner—J. Thomas, premises.
Contractor, L. B. Matheyer, 2241 E 22nd St., Oakland.
Architect—Not Given. $1500

DWELLING
(1823) 465 WILDWOOD AVENUE. PIEDMONT. Two-story 5-room residence and garage.
Owner—Fl. B. Abbott. 25 Crocker, Piedmont.
Architect—Not Given.
Contractor—Harry E. Carlson, 301 Lenox Ave., Piedmont. $5200

DWELLING
(1824) 1570 EUCLID AVE., BERKELEY. One-story 4-room frame dwelling.
Owner—H. H. Whiting, 1573 Hawthorne Terrace, Oakland.
Contractor—W. F. Lynn, 1073 Ashmount, Oakland.
Architect—M. D. Reynolds, 269 Monte Vista, Oakland. $2,000

DWELLING
(1825) 1246 HOPKINS, BERKELEY. Two-story 5-room frame dwelling.
Owner—Rachael Nicholson, 550 Blossom Way, San Leandro.
Contractor — D. W. Nicholson, 550 Blossom Way, San Leandro.
Architect—Not Given. $4,000

DWELLING
(1826) 1566 EUCLID AVE., BERKELEY. Two-story 6-rm. frame dwelling.
Owner—H. H. Whiting, 1573 Hawthorne Terrace, Oakland.
Contractor—W. F. Lynn, 1073 Ashmount, Oakland.
Architect—M. D. Reynolds, 269 Monte Vista, Oakland. $4500

DWELLING
(1827) 1572 EUCLID AVE., BERKELEY. Two-story 5-rm. frame dwelling.
Owner—H. H. Whiting, 1573 Hawthorne Terrace, Oakland.
Contractor—W. F. Lynn, 1073 Ashmount, Oakland.
Architect—M. D. Reynolds, 269 Monte vista, Oakland. $2500

DWELLING
(1828) 1568 EUCLID AVE., BERKELEY. Two-story 5-rm. frame dwelling.
Owner—H. H. Whiting, 1573 Hawthorne Terrace, Oakland.
Contractor—W. F. Lynn, 1073 Ashmount, Oakland.
Architect—M. D. Reynolds, 269 Monte Vista, Oakland. $4,000

DWELLING
(1928) 1574 EUCLID AVE., BERKELEY. Two-story 5-rm. frame dwelling.
Owner—H. H. Whiting, 1573 Hawthorne Terrace, Oakland.
Contractor—W. F. Lynn, 1073 Ashmount, Oakland.
Architect—M. D. Reynolds, 269 Monte Vista, Oakland. $6,000

DWELLING
(1830) 20 ALTA ROAD, Berkeley. Two-story frame dwelling and garage.
Owner—E. M. Netherby, 3853 Lyman Road, Oakland.
Contractor—W. L. Netherby, 3853 Lyman Rd., Oakland.
Architect—Not Given. $5,000

ALTERATIONS
(1831) 1107 JACKSON ST., OAKLAND. Alterations.
Owner—State of California.
Contractor — State Dept. of Public Works, Public Works Building, Sacramento.
Architect—Not Given. $22,925

WAREHOUSE
(1832) 5441 EAST 14th ST., OAKLAND. One-story brick warehouse.
Owner—General Electric Co., 5441 E 14th St., Oakland.
Contractor—The Austin Co., 516 18th St., Oakland.
Plans by Contractor. $74,000

ADDITION
(1833) NW COR. 17th and BROADWAY, OAKLAND. Two-story concrete addition to stores.
Owner—Jamieson, Towle, Willoughby Corp., 372 17th St., Oakland.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland.
Architect—K. E. Ponsford, 900 Creed Road, Oakland. $30,000

DWELLINGS
(1834) 4529-4609 FAIR AVENUE, OAKLAND. Two 1-story 5-room dwellings.
Owner and Contractor—S. J. Dowling ,2800 Clay St., Oakland.
Architect—Not Given. $4000 each

DWELLING
(1835) 4900 PROCTOR AVE., OAKLAND. Two-story 6-room dwelling.
Owner—Geo. G. Byrne, 359 17th St., Oakland.
Contractor—R. Norris, 359 17th St., Oakland.
Architect—Not Given. $6,000

DWELLING
(1836) 728 CRESTON, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—Elizabeth MacDonald, Cloyne Court Hotel, Berkeley.

Contractor—J. M. Walker, 1709 Grove St., Berkeley.
Architect—Not Given. $4,000

ALTERATIONS
(1837) 2029 SHATTUCK AVENUE, BERKELEY. Alterations.
Owner—Berkeley Mortgage Co., 2033 Shattuck Ave., Berkeley.
Contractor—O. E. Ringeltaube ,1498 Marin Ave., Berkeley.
Architect—Not Given. $1,200

DWELLING
(1838) 9233 C ST., OAKLAND. 1-story 3-room dwelling.
Owner & Builder—J. H. Peacock, 5336 Walnut St.
Architect—Not Given. $1800

DWELLING
(1839) 4459 MONTGOMERY ST., OAKLAND. One-story 4-room dwelling.
Owner and Builder—W. V. Butler, 375 Fairmount Ave.
Architect—Not Given. $2900

DWELLING
(1840) 1517 77TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor — Elmer Johnson, 450 Oakes Blvd., San Leandro.
Architect—Not Given. $3400

STORE
(1841) 5609 FOOTHILL BLVD., OAKLAND. One-story store.
Owner—Mrs. R. Glass, Martinez, Cal.
Contractor—M. P. Rose, 6329 Shattuck Ave.
Architect—Not Given. $2900

ADDITION
(1842) 2289 MELVIN ROAD, OAKLAND. Addition.
Owner & Builder—Richard E. Lee, 2289 Melvin Road.
Architect—Not Given. $1800

ADDITION
(1843) 2001 48TH AVE., OAKLAND. Addition.
Owner—Leon Donovan.
Contractor — Farrington & Spaulding, 1806 Central Ave., Alameda.
Architect—A. D. Jansen. $1500

RESIDENCE
(1844) 121 SCENIC AVE., PIEDMONT. Two-story 7-room residence and garage.
Owner—Brooks Walker, 30 Seaview Ave., Piedmont.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Enoch Tranmal, 483 Crescent St., Piedmont. $14,000

DWELLING
(1845) 2716 PARKER AVE., OAKLAND. One-story 5-room dwelling.
Owner—Fidelity Bldg. & Loan Co., 2323 Shattuck Ave., Berkeley.
Contractor—A. E. Waldman, 3192 McKillop Road.
Architect—Not Given. $3200
Also 1-story garage, $150.

DWELLING
(1846) 4100 35TH AVE., OAKLAND. One-story 7-room dwelling.
Owner & Builder—Fred T. Dooley, 3936 Vale Ave.
Architect—Not Given. $6000

DWELLING
(1847) 112 GLENWOOD GLADE, OAKLAND. Two-story 6-room dwelling.
Owner and Builder—J. S. Wiggins, 6640 Thornhill Drive.
Architect—R. C. Schuppert, 1741 Wellington St. $6000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
179	Formosa	Larson	12399
180	Roos	Emanuel	1712
181	Pacific	Monson	695
182	Pacific	Paoli	1680
183	Vollert	Papenhausen	12286

RETAINING WALL
FLATS
(179) SW 25TH ST. & ALABAMA ST. Two-story and basement frame flats.
Owner—Angelina and Tony Formosa, 1333 Alabama St.
Architect—H. C. Baumann, 351 Kearny St.
Contractor—A. R. Larson, 4020 24th St.
Filed Nov. 24, '36. Dated Nov. 17, '36.
Frame up $3,099.75
Brown coat 3,099.75
Completion 3,099.75
Usual 35 days.... 3,099.75
TOTAL COST, $12,399.00
Limit, 120 days.

FLOORING
(180) STOCKTON AND MARKET STREETS. Jenisero flooring for men's sports, first and mezzanine floors.
Owner—Roos Bros., Prem.
Architect—Albert R. Williams, 251 Post St.
Contractor—L. & E. Emanuel Co., Inc., 2665 Jones St.
Filed Nov. 24, '36. Dated Nov. 12, '36.
50% progress payment.
25% completion.
25% 35 days.
TOTAL COST, $1,712.00
Plans and specifications filed.

(181) 148 NATOMA ST. Retaining wall.
Owner—Pacific T. & T. Co., 140 New Montgomery Street.
Architect—Not Given.
Contractor—Monson Bros., 19th and Vermont Streets.
Filed and Dated, ...
Completion 75%
40 days after....25%
TOTAL COST, $695.00
Bond, $695. Sureties, Pacific Indemnity Co. Plans anad Spec. filed.

PAINTING
(182) 1 McCOPPIN ST. Paint interior of market building.
Owner—Pacific T. & T. Co., 140 New Montgomery Street.
Architect—Not Given.
Contractor—R. P. Paoli & Co., 2530 Lombard Street.
Filed, Dec. 2, '36. Dated, Oct. 20, '36.
Completion 75%
40 days after....25%
TOTAL COST, $1,680.00
Bond, $1,680. Sureties, Pacific Indemnity Co. Plans and Spec. filed.

DWELLING
(183) SOUTH 40 FT of LOT 3 and North 10 ft of Lot 4 of Blk 25, St. Francis Wood Extension No. 2. Two-story & basement dwelling and garage.
Owner—Dr. Arthur J. Vollert, 201 Sanchez Street.
Architect—Wm. G. Merchant, Russ Building.
Contractor—Henry Papenhausen, 595 Victoria Street.
Filed, Dec. 2, '36. Dated, Nov. 24, '36
Tenth of each month....75%
Usual 35 days....25%
TOTAL COST, $12,286.00
Bond, $6,143. Sureties, C. W. Higgins and Robert Postler. Limit, 120 days. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
179	Penn	Permel	658
180	Sheehy	Acme	492

ALTERATIONS
(179) 1899 CATALINA AVENUE, BERKELEY. Alterations.
Owner—Penn Mutual Life Ins. Co., Prem.
Architect—Not Given.
Contractor—Permel Co., Inc., 874 41st St., Oakland.
Completion $658.74
TOTAL COST, $658.74
Bond, $658. Surety, Hartford Acc. & Indem. Co. Limit, 30 days.

ALTERATIONS
(180) NE COR. 14TH AND GROVE STS., OAKLAND. Alterations and additions.
Owner—The Sheehy Estate Co.
Architect—Edw. T. Foulkes.
Contractor—Acme Constr. Co.
Filed Dec. 1, '36. Dated Nov. 23, '36.
On or before 6th day each mo., 75%
Usual 35 days, 25%.
TOTAL COST, $492.00
Bond, $492. Surety, U. S. Fidelity & Guar. Co. Limit, 30 days. Plans and specifications filed.

SAN FRANCISCO CO. UNDER $1000

ALTER flats, $700; 1248-50-52-54 Union; owner, John Cippola, 2347 Union; contractor, G. B. DeLucchi, 4 Sharp Place.
SIGN, cloth, $14; 985 Market; owner, Mission Packing Co., 125 E. 33rd St., Los Angeles.
ALTER dwelling, $313; 210 Texas; owner, Rose Crotty, 385 Texas; contractor, F. W. Merrill, 410 Mississippi.
ALTER dwelling, $400; 434 Clipper St.; owner, C. Follis, Prem.; contractor, William Byrne, 1606½ Dolores.
SIGN, electric, $150; 147 Powell; owner, Bunny's Waffle Shop, Prem.; contractor, Elec. Products Corp., 910 Harrison.
ALTER market, $360; 1720 Polk St.; owner, Joseph Baumeister, Prem.; contractor, Leonard Bosch, 280 13th St.
ALTER dwelling, $800; 1367-71 Fairfax; owner, J. Candau, Prem.; contractor, J. B. Bourdieu, 2625 20th St.
ALTER office, $450; NE Cor. O'Farrell and Polk; owner, United Motors, Inc., 50 Van Ness.
ALTER flats, $250; 1221 Fell St.; owner, R. Pontacq, Prem.; contractor, J. B. Bourdieu, 2625 20th St
ALTER dwelling, $200; 1014 Hollister; owner, Mrs. Perez, Prem.; contractor, Joe Yrigoyen, 31 Thornton.
SIGN, electric, $143; 1600 Market St.; owner, Ed. Stahl, Prem.; contractor, A. J. Raymond, Inc., 1066 Howard.
SIGN, electric, $250; 147 Powell St.; owner, Bunny's Waffle Shop, Prem.; contractor, Electrical Products Corp., 910 Harrison.
SIGN, electric, $110; 3364 Mission; owner, S. Mariani & Sons, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.
ALTER dwelling, $200; 559 Lisbon; owner, Roy S. Johnstone, Prem.
STOREROOM, 1-story frame, $250; 1159 Alabama; owner, C. M. Bertelson, 38 Richland; contractor, Norman Nelson, 234 Maple.
SIGN, cloth, $25; 840 Market Street; owner, Moore's, Inc., Prem.
SIGN, electric, $45; 107 New Montgomery; owner, J. Frank Jones, 107 New Montgomery; contractor, Electrical Prod. Corp., 910 Harrison.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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2.—Bonds
3.—Churches
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6.—Garages and Service Stations
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8.—Club Buildings
9.—Hospitals
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11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
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16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Figured

APT. HOUSE Cost, $16,000
WILLOW GLEN, Santa Clara Co.
One- and part 2-story stucco apartment building (eight 3-rm. apts.) tile baths, hardwood floors, shake roof, wood sash, warm air heat.
Owner—Winninger Estate.
Architect—Edw. W. Kress, 402 First National Bank Bldg., San Jose.
Bids are being received from a selected list of contractors. About two weeks will be allowed for figuring the plans.

3— CHURCHES

Preparing Plans

ALTERATIONS TO CHURCH Cost, $18,000
LOS GATOS, Santa Clara Co., Calif.
Alterations to church; interior and exterior alterations.
Owner—Presbyterian Church, Los Gatos.
Architect—E. P. Whitman, 54 Cleland Ave., Los Gatos.

Planned

CHURCH Cost, $20,000
KNIGHT'S LANDING, Yolo Co., Cal.
New church to replace structure destroyed by fire last spring.
Owner — Methodist Community Church (Rev. C. C. Black, Pastor).
Architect—Not Given.
A meeting will be held by the Church Board on December 9 to discuss plans for the new edifice.

Additional Sub Contracts Awarded

CONVENT Cost, $60,000
SAN FRANCISCO. NE Geary Street and Eighth Avenue.
Three-story Class B reinforced concrete Sisters' residence (26 bedrooms, chapel to seat 30), composition roofing, steam heating oil burning system, terra cotta tile partitions in basement, solid plaster partitions throughout the building, art glass in chapel, gum finish in interior.
Owner—Roman Catholic Archbishop, 1100 Franklin St.
Architect—John J. Foley, 770 Fifth Avenue.
Contractor—Cahill Brothers, 206 Sansome Street.
Tile Work—Thomas J. Lamey & Sons, 323 Clementina St., S. F.
Glass—Habenicht & Howlett, 529 Clay St., S. F.
As previously reported:
Lumber—Loop Lumber Co., Central Basin.
Concrete—Golden Gate Atlas Materials Co., 16th and Harrison.
Reinforcing Steel—Truscon Steel Co., 604 Mission St.
Plumbing—Wm. J. Forster Sons, Ltd., 355 Fourth Street.
Heating—Knittle Bros., 224 5th St.
Oil Burners—S. T. Johnson Co., 585 Potrero Avenue.
Electrical—Alta Electric & Mechanical Co., 467 O'Farrell St.
Ornamental Iron—F. Kern & Sons, 517 Sixth St.
Brick & Tile—Wm. A. Rainey and Son, Inc., 323 Clementina St.
Roofing—J. W. Bender Roofing and Paving Co., 18th and Bryant Sts.

4— FACTORIES & WAREHOUSES

Sub Contracts Awarded

INDUSTRIAL BLDG. Cost, $20,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Three one-story industrial buildings (steel frame, concrete walls and floors, corrugated iron, steel sash, etc.).
Owner — Wildberg Bros. Smelting & Refining Co., So. San Francisco.
Engineer—Jesse Rosenwald, 525 Market Street.
Contractor — A. F. Mattock Co., 212 Clara St., San Francisco.
Structural Steel contract awarded Judson Pacific Co., 609 Mission St., San Francisco.
Reinf. Steel—Gunn-Carle & Co., 20 Potrero Ave., San Francisco.
Electric—Atlas Electric & Engineering Corp., 956 Folsom St., San Francisco.
Mill Work—South City Lumber Co., South San Francisco.

Contract Awarded

WAREHOUSE Cost, $.....
MONTEREY, Calif. Hannon St.
One-story frame warehouse; corrugated metal siding.
Owner—General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Department of Owner.
Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

Contract Awarded

WAREHOUSE Cost, $80,000
OAKLAND, Alameda Co., Calif. 5441 E. 14th St.
One-story brick warehouse.
Owner—General Electric Co., 5441 E. 14th St., Oakland.
Architect—Not Given.
Contractor—The Austin Co., 516 18th St., Oakland.

Plans Being Completed

DISTILLERY Cost, $.....
SAUSALITO, Marin Co., Calif.
Alterations to existing buildings and construction of a new group of buildings for whiskey distillery (reinforced concrete filter piles, concrete foundations, terra cotta tile walls, steel frame, copper and wood tanks, scales, cookers, etc.).
Owner — American Distillery, Sausalito.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.
Bids will be asked shortly.

Glazing Contract Awarded

PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass manufacturing plant (brick and insulux glass construction) concrete foundations, corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, vice-president in charge).
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Mgr. of Construction—P. J. Walker Company, Sharon Building, San Francisco,
Mechanical Engineer — A. R. McLaren, 611 Howard St., San Francisco.
Electrical Engineers—Kuchel & Sievers, 468 5th St., San Francisco.
Glazing — Cobbledick - Kibbe Glass Co., 666 Howard St., San Francisco.
Bids will be taken shortly for miscellaneous iron work.

Plans Being Figured—Bids Close December 9, 4 P. M.

WAREHOUSE Cost, $.....
MODESTO, Stanislaus Co., Calif.
One-story steel and stucco warehouse and office (14,000 sq. ft.) concrete floors; heating system and refrigeration plant; steel sash.
Owner—Slodene Brothers.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Plans Being Completed

BUILDING Cost, $.....
SAN FRANCISCO, Calif. Tenth and Bryant Streets.
Three-story and basement reinforced concrete bottling and canning plant.
Owner — Milwaukee Brewing Company, 10th and Bryant Sts.
Engineer—W. E. Murray, 908 Hayes St.
Bids will be asked shortly.

Sub Contracts Awarded

ADDITIONS Cost, $250,000
SAN FRANCISCO, Carroll Ave. and Newhall Street.
Addition to brewery (fermenting cellar, storage cellar, boiler house), reinforced concrete and steel construction.
Owner—General Brewing Corp., 2601 Newhall Avenue.
Architect—Fred H. Meyer, Kohl Bldg.
Contractor—Cahill Bros., 206 Sansome Street.
Painting—Raphael Co., 270 Tehama St.
Masonry—Wm. A. Rainey & Son, 323 Clementina St.
Mill Work—Brannan Street Planing Mill, 560 Brannan St.
Glass—W. P. Fuller & Co., 301 Mission St.
Steel Sash—Soule Steel Co., 1750 Army St.
Elevators—Otis Elevator Co., No. 1 Beach St.
Roofing—J. W. Bender Co., 1999 Bryant St.
Tile Work—Donlon-Fratessa, Ltd., 24 12th St.
All of San Francisco.
As previously reported:
Tanks—Western Pipe & Steel Co., 444 Market St.
Structural Steel—Western Iron Wks., 141 Beale St.
House Moving—D. J. & T. Sullivan, 1942 Folsom St.

Additional Sub Contracts Awarded

INDUSTRIAL BLDG. Cost, $20,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Three one-story industrial buildings (steel frame, concrete walls and floors, corrugated iron, steel sash, etc.).
Owner — Wildberg Bros. Smelting & Refining Co., So. San Francisco.
Engineer—Jesse Rosenwald, 525 Market Street.
Contractor — A. F. Mattock Co., 212 Clara St., San Francisco.

Structural Steel contract awarded Judson Pacific Co., 609 Mission St., San Francisco.
Plumbing—Von Tagen Company, 60 Clay St., San Francisco.
Painting—J. H. Mohr, Inc., 960 7th St., San Francisco.
As previously reported:
Reinf. Steel—Gunn-Carle & Co., 20 Potrero Ave., San Francisco.
Electric—Atlas Electric & Engineering Corp., 956 Folsom St., San Francisco.
Mill Work—South City Lumber Co., South San Francisco.

5— FLATS

Bids In—Held Under Advisement
FLATS Cost, -12,000
OAKLAND, Alameda Co., Calif. Oakmore Highlands (Clemens Road).
Two - story frame and stucco flat building (5 rooms each flat), gas furnace, wood sash, shake roof, plaster walls and ceilings, hardwood floors, tile baths.
Owner—D. W. Stowyer, Sacramento.
Plans by Irwin M. Johnson, 2215 7th Ave., Oakland.
Announcement will be made within a few days.

6—GARAGES & SERVICE STATIONS

Contract Awarded
ADDITION TO SERVICE STATION Cost, $.....
SAN FRANCISCO, Calif. 24th Ave. and Geary St.
Addition to lubrication room.
Owner—General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Department of Owner.
Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

Sub Contracts Awarded
TRUCK TERMINAL Cost, $15,000
SACRAMENTO, Sacramento Co. 6th and M Streets.
Truck Terminal (160x160 ft.), super service station, repair pit and shop, warehouse (36x130).
Owner—Signal Oil Co.
Lessee—J. D. Rippy.
Architect—Not Given.
Contractor—W. E. Truesdale, 2116 H St., Sacramento.
Plumbing—Leonard U. Plummer, 1019 J St., Sacramento.
Electrical—George C. Foss, 1720 8th St., Sacramento.
Lumber—Capital Lumber Co., P.O. Box 1176, Sacramento.
Sheet Metal Work—Reeves Sheet Metal Works, 1212 30th St., Sacramento.
Cement—Joe Myhren, 859 53d Street, Sacramento.

Sub-Contracts Awarded
AUTO SALES & GARAGE BLDG. Cost, $6,000
PATTERSON, Stanislaus Co., Calif.
One - story reinforced concrete and corrugated iron automobile and garage building.
Owner—Lyle Johnson.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—Knutson and Moe, 229 N Third St., Patterson.
Plumbing & Sheet Metal—E. L. Fink, Patterson.
Glass—W. P. Fuller and Company.
Iron Grille Work and Steel Sash—Michel & Pfeffer Iron W'ks, 10th and Harrison Sts., San Francisco
Grading—H. Sykes, Patterson.
Lumber—Yancey Lumber Co., Patterson.
Hardware—Patterson Lbr. Co., Patterson.
Lathing & Plastering—T. H. Schendel, Turlock.
Reinforcing Steel—Gunn, Carle & Co. 20 Potrero Ave., San Francisco.

Sub Contracts Awarded
AUTOMOBILE SALES BLDG. Cost, $20,000
FRESNO, Fresno Co., Calif. Broadway and Sacramento Sts.
Automobile showroom and office building, service station, lubrication and washing facilities, etc.
Owner—A. F. Tilden.
Architect—Not Given.
Contractor—James Cowan, 315 Brix Bldg., Fresno.
Concrete—E. H. Brostrom, 641 Recreation Ave.
Masonry—Harry Smith, 135 N. Calaveras St.
Plumbing & Heating—2438 Tulare Street.
Sheet Metal—New England Sheet Metal Works, 410 Broadway.
Electric Wiring—Fresno Electric Co., 1761 Van Ness Ave.
Structural Steel—Kyle & Co., 346 G Street.
Mill Work—Hollenbeck-Bush Planing Mill, P.O. Box 605.
Plastering—N. L. McKenzie, 414 Abby Street.
Lumber & Materials — C. S. Pierce Lumber Co., P.O. Box 843.
All of Fresno.

7— FEDERAL BUILDINGS

LOW BIDDERS
SAN FRANCISCO.—Western Precipitation Co., 1016 W 9th St., Los Angeles, at $64,720, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for electrical precipitator equipment at the U. S. Mint, San Francisco.
Second low bid at $71,000 submitted by R. W. Ryder Const. Co.

Contract Awarded
POST OFFICE & COURTHOUSE Contract Price, $203,121
HILO, Hawaii.
U. S. post office and courthouse.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Contractor—E. E. Black, Ltd., Post Office Box 3025, Honolulu.
Complete bids published Nov. 17.

BIDS WANTED
PITTSBURG, Contra Costa Co., Calif.—Until Dec. 16, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing insect screens in the U. S. Post Office at Pittsburg.

Bid Opening Date Postponed to December 30
POST OFFICE Cost, $210,000
PROVO, Utah.
U. S. Post Office Building.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury epartment, Washington, D. C.
Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for two sets of plans.
Bid opening date postponed from December 4.

Bids Rejected
POST OFFICE Cost, $88,000
ANACORTES, Washington.
United States Post Office Building.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Low Bidder—Howard S. Wright and Co., Inc., 2210 2nd Ave., Seattle, $79,986.
Complete bids published Nov. 20.
All bids were rejected, as low bid was in excess of amount available.

CONTRACT AWARDED
BALBOA, C. Z., SUMMIT, C. Z., & CAPE MALA, R. P.—Tucker McClure, P.O. Box 5035, Cristobal, at $306,670, awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8120, for the construction of three 4-family quarters at the Naval Radio Station, Cape Mala, R. P.; and under Spec. No. 7890, for the construction of a facilities building, four quarters, refrigeration system in the barracks building, and roads and walks at the Naval Radio Station, Summit, C. Z.
(9534) 1st report May 5; 13th, Nov. 27, 1936.

BID OPENING POSTPONED
MARE ISLAND, Cal.—Until Dec. 16, 11 A. M. (date postponed from Dec. 2, previously reported) bids will be received by the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8380, for converting two combination electric freight and passenger elevators located in Building No. 390 at the Mare Island Navy Yard, from car switch to push-button control, including safety devices and accessories.
Specifications obtainable from the Commandant, Mare Island Navy Yard upon deposit of check or money order for $5, payable to the Chief of the Bureau of Yards & Docks, Navy Department, Washington, D. C.

CONTRACT AWARED
HUNTINGTON PARK, Los Angeles Co., Calif.—The Original Cabinet Corporation, 9011 Howard St., Niles, Michigan, at $209.75, awarded contract by Procurement Division, Public Buildings Branch, Washington, D. C., for two new lobby desks in the U. S. Post Office at Huntington Park.
Complete bids published November 24th.

CONTRACT AWARDED
TERMINAL ISLAND, Los Angeles Co., Calif.—E. C. Nickel, 912 Micheltorena St., at $7,700, awarded contract by Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8280, for remodeling bldgs. at the 11th Naval District (Fleet Aviation Facilities), Terminal Island, Los Angeles Harbor.
Complete bids published November 23rd.

LOW BIDDER
HILO, Hawaii.—Hilo Electric Light Co., Hilo, T. H., at $405, submitted low bid to the Public Works Dept., U. S. Navy Yard, Pearl Harbor, under Spec. 8305, for obstacle lights on towers at Hilo.

CONTRACT AWARDED
HOLLYWOOD, Los Angeles Co., Cal.—W. Pearce, 220 W 42nd Street, New York City, at $285 awarded the contract by Procurement Division, Public Buildings Branch, Washington, D. C., for concrete curb in driveway and operator for roof scuttle at the U. S. post office, Hollywood.

BIDS WANTED
REDDING, Shasta Co., Cal.—Until Dec. 18, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C. for platform scales at the U. S. post office, Redding.

BIDS WANTED
SOUTH PASADENA, Calif.—Until Dec. 18, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for new concrete sidewalk at the U. S. post office, South Pasadena.
Specifications may be obtained at the above office and from the Cus-

todian of the building at South Pasadena.

CONTRACT AWARDED

REDONDO BEACH, Los Angeles Co., Calif.—The Meyberg Co., 2845 W. 7th St., Los Angeles, at $295, awarded contract by Procurement Division, Public Buildings Branch, Washington, D. C., for exterior bracket lamps at the U. S. Post Office at Redondo Beach.

Complete bids published Nov. 11.

PLANS ON FILE

SAN FRANCISCO.—A set of plans and copy of specifications for the Infirmary Building for the Veterans' Administration Facility at Livermore for which bids will be opend Jan. 5, 1937, 1:30 P. M., are on file at this office.

Bids will be received as follows:

ITEM I.—Constructing and finishing complete at Veterans' Administration Facility, Livemore, Calif., one Infirmary Ward Bldg. No. 57, Connecting Corridor between Buildings Nos. 2 and 57, and alterations to Building No. 2; including walks, grading, and drainage, plumbing, heating, electrical work and outside service connections, but not including electric elevator.

Alternates under Item I:

(a) If all linoleum is omitted, but cement floor finish provided with depression to receive future installation thereof;

(b) If asphalt tile, as specified unde Section 12CA, "Asphalt Tile (Alternate)'" is provided in lieu of linoleum.

ITEM II—The complete installation in Infirmary Ward Building No. 57 at Veterans Administration Facility Livermore, of one automatic control, push button operated electric elevator; including elevator enclosure doors, frame and trim.

BIDS OPENED

POINT REYES, Marin Co., Calif.—Joe Piasecki, 345 Haight St., San Francisco, at $3,144, submitted low bid to the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8310, for the construction of an auxiliary power house; the re-roofing and rewiring of Barracks; installation of electric service including wiring for power and lights in buildings at the U. S. Naval Direction Finder Station, Point Reyes.

Complete bids follow:

Joe Piasecki, S. F.	$3,144
Underground Constr. Co., Berkeley	3,711
Fred J. Early, Jr., S. F.	3,974
Spencer Electric Co., S. F.	4,187
United Elec. Constr. Co., S. F.	4,467

BIDS WANTED

POINT ST. GEORGE, Del Norte Co., Calif.—Until December 9, 11 a.m., bids will be received by the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8308, for furnishing and installing water pump enclosures; new A.C. motors in place of the present D.C. motors on water pumps; and wiring for motors and lights at the U. S. Naval Direction Finder Station, Point St. George (Crescent City).' Estimated cost, $900.

Plans and specifications obtainable from the Commandant, Mare Island Navy Yard, upon deposit of $5.00.

It was previously reported incorrectly that bids would be opened December 2.

LOW BIDDER

BALBOA, C., Z., Cape Mala, R. P., and Summit, C. Z.—Tucker McClure, P. O. Box 5035, Cristobal, submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8120, for the construction of three 4-family quarters at the Naval Radio Station, Cape Mala, R. P.; and under Spec. No. 7890, for the construction of a facilities building, four quarters, refrigeration system in the barracks building, and roads and walks at the Naval Radio Station, Summit, C. Z.

The bid follows: Item (1) $151,750; (2) $108,750; (3) $44,750; (4) $259,500; (5) $152,700; (6) $303,250.

Complete bids will be published shortly.

8— CLUB BUILDINGS

Planned

CLUBHOUSE Cost, $5,000

WALNUT CREEK, Contra Costa Co. Calif. Lincoln Avenue.

Clubhouse (auditorium, stage, kitchen and rest rooms adequate to care for crowd of several hundred) Early California type;batten and board exterior; shake roof.

Owner — Women's Club of Walnut Creek.

Architect—Not Given.

9— HOSPITALS

PLANS COMPLETED

YUMA, Arizona.—Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, have completed plans for a new one-story hospital building to be built at Yuma, Ariz., for Yuma County Hospital. PWA has approved an $18,000 grant for the project; total cost, $40,000.

CONTRACT AWARDED

SAN DIEGO, Calif.—Hunt-Curry Co., 507 Bancroft Bldg., San Diego, at $246,000 (under Items 2, 4 & 5), awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for the construction of the south ward at the Naval Operating Base (Hospital), San Diego. Sp. No. 8242.

Work includes concrete construction, steel, iron and bronze, tile roofing, metal studding, stucco, marble, tile, terrazzo, cork tile flooring, lumber and mill work, plumbing, heating and electrical work.

Bids In

HOSPITAL Cost, $32,000

MERCED COUNTY, Cal. Near Gustine.

Two-story frame, tile and concrete hospital building (22 beds) corrugated iron or asbestos roofing, warm air heating system, air-conditioning system, etc.

Owner—West Side Hospital.

Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.

Bids are in and being held unopened pending return of owner December 2.

Contracts Awarded

HOSPITAL WORDS, GARAGES & COLD STORAGE PLANT

Contract Price, $472,480

CAMARILLO State Hospital, Ventura Co., Calif.

Two-story reinforced concrete ward buildings (Units 8, 9 and 10) clay tile roof; one-story reinforced concrete garage bldg.; 10-stall, wood roof deck and composition roofing, with yard fencing and gate posts; one-story reinforced concrete cold storage plant bldg. addition to existing boiler plant, clay tile and composition roofing.

Owner—State of California, Department of Institutions.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Contractor—R. E. Campbell, 711 Central Bldg., Los Angeles.

Refrigeration — Kohlenberger Engr. Corp., 805 S Spadra Road, Fullerton, $21,204.35.

Heating and Ventilating—Scott Co., Inc., 243 Minna St., San Francisco, $36,597.

Plumbing—Scott Co., Inc., 243 Minna St., San Francisco, $38,537.

Electrical Work—Moore Electric Co., 321 W Third St., Los Angeles, $16,486.

BID OPENING POSTPONED

TEHAMA CO., Cal.—Until December 14, 10 a.m., bids will be received by C. H. Dodd, contractor, care of the Clerk of the County Board of Supervisors, Court House, Red Bluff, for furnishing electric light fixtures and furniture for the Tehama County Hospital at Red Bluff.

Plans and specifications obtainable from the office of R. H. Holthe, Clerk, upon deposit of $10. Bid forms obtainable from the office of Architect W. E. Coffman, 832 Forum Bldg., Sacramento.

It was previously reported that bids would be received by the Board of Supervisors until December 9.

10— HOTELS

BIDS WANTED

PISMO BEACH, San Luis Obispo Co., Calif.—Until December 14, bids will be received by Architects A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, for a four-story reinf. concrete 50-room unit to be added to the Butler Hotel in Pismo Beach. E. A. Evans, structural engineer.

Following are figuring plans: Ray J. Daum, 3964 Budiong Ave., Los Angeles; Whittaker & Snook, 320 Security Bldg., Pasadena; C. M. Urton, 18 N. Calle Alamo, Santa Barbara; Peter P. Shelby, Chamber of Commerce Bldg., Los Angeles; Nels Oakeson, 520 E. Haley St., Santa Barbara; Trewhitt, Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno; H. R. Graham, 2301 Castillo St., Santa Barbara; F. C. Stolte, care of Geo. C. Loorz, San Simeon.

Segregated Bids Being Taken — To Close December 7

ALTERATIONS Cost, $.....

SACRAMENTO, Sacramento Co. 5th and J Streets.

Alterations to Travelers Hotel (steam fittings, tile work, plumbing, floor laying, etc.).

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Construction Department of Owner.

Bids are being received by Mr. Langfeld at the Capital Co.'s office in the Bryte Building, Sacramento. Specifications obtainable from the Sacramento office.

12— POWER PLANTS

PLANNED

NEVADA CO., Calif.—Sacramento Valley Utility Company, 943 Russ Bldg., San Francisco, has applied to the Federal Power Commission for a preliminary permit to install a power plant of 12,000 kw. at a location about 1000 feet below the proposed Upper Narrows Dam on Yuba River to be constructed by the War Department for debris storage. The corporation seeks permission to develop the surplus water power to be created by the dam and to sell electricity at wholesale to existing private or publicly owned distributing systems in the Northern California market.

The Federal Power Commission will receive protests or requests for hearing on the application until December 31, 1936.

Upper Narrows dam is one of four dams to be constructed for restraining hydraulic mining debris on

Northern California streams. Preliminary plans are for a structure 237 feet in height to cost $3,261,000.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED

ALAMEDA, Alameda Co., Calif.—Until December 15, 8 p.m., bids will be received by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, for repairing the gutters around the roof of the City Hall, with either galvanized or copper gutter drain.

Plans and specifications obtainable from the above office.

Contract Awarded

COLUSA, Calif.—Ralph J. Sharp, 310 Cedar Street, Pacific Grove, at $13,446, awarded contract by County of Colusa, Board of Supervisors, for alterations to the Colusa County Courthouse at Colusa.

Only other bid submitted by Harry H. Staple, Colusa, at $13,949.

BIDS WANTED

SAN FRANCISCO.—Until December 9, 10 a.m., bids will be received by the Golden Gate Bridge & Highway District, W. W. Felt, Jr., Secretary, Suite 1000, 111 Sutter St., for furnishing toll-collection and recording equipment and truck scales for ten lanes on the Golden Gate Bridge Toll Plaza. A separate figure is requested for an additional four lanes of traffic.

Alternate bids will be taken as follows:

(Alt. I)—Work complete as specified.

(Alt. II)—Same as Item I, except registration other than axle counters need not be remotely controlled.

Plans and specifications obtainable from the office of the secretary upon deposit of $50.

Strauss & Paine, 111 Sutter St., Engineers.

Contract Awarded

SANTA CLARA CO., Calif.—Geo. H. Smith, 201 S. Market St., San Jose, at $423, awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for painting the buildings at the County Almshouse.

Complete bids follow:

George H. Smith	$423.00
Ray Pritchard	511.50
Frank L. Hogt	627.00
C. W. Lynds	690.00

New Bids Wanted — To Close December 7, 10 A. M.

ADDITION Cost, $3,000

TUOLUMNE, Tuolumne Co., Calif.

Stage addition to Memorial Hall (brick walls).

Owner—County of Tuolumne.

Architect—Frank V. Mayo, 108 East Miner St., Stockton.

Plans and specifications obtainable from the office of County Clerk C. A. Dambacher, Sonora.

No bids were received at the previous bid opening, November 21.

BIDS WANTED

PALO ALTO, Santa Clara Co., Cal.—Until Dec. 14, 4 P. M., bids will be received by the Board of Public Works of the City of Palo Alto, City Clerk's Office, City Hall, 439 Ramona St., for construction of an Animal Shelter. Plans prepared by Architect Henry C. Collins, Deckeroak Bldg., Palo Alto.

Plans and specifications obtainable from the office of the City Engineer, City Hall, upon deposit of $5.00.

Plans Being Prepared

CITY HALL Cost, $54,000

SANTA CRUZ, Santa Cruz Co., Cal. Church and Locust Streets.

One - story reinforced concrete City Hall (first unit), stucco exterior, shingle tile roof, linoleum floors, steel joists, vault doors, jail equipment, floor and ceiling will be concrete slab on steeltex, low pressure steam heating system; etc.; (Mayor's offices, Water Department, Police Department, and Jail).

Owner—City of Santa Cruz.

Architect — C. J. Ryland, Monterey and Carmel.

A grant of $24,327 has been approved by the PWA.

Plans Being Figured — Bids Close December 9, 10 A. M.

TOLL PLAZA & BUILDING Cost, $150,000

SAN FRANCISCO, Golden Gate Bridge.

Toll plaza and building, exclusive of the toll-registering equipment (1-story wood frame building, built-up asphalt roofing, linoleum floors, electric and steam heat, steel sash), comprising administration and maintenance offices, and 14 toll collection booths.

Owner—Golden Gate Bridge District, 111 Sutter Street.

Architect — Irving F. Morrow, de-Young Building.

Engineers—Strauss & Paine, 111 Sutter Street.

Bids will be taken as follows:

(1) Power house, except plumbing and electrical work;
(2) Administration and maintenance wings and east pylon, excluding power house, plumbing, heating and ventilating, electrical work, and toll collection equipment and scales;
(3) Toll booths and canopy, except electrical work and toll collection equipment and scales;
(4) Plumbing;
(5) Heating and ventilating;
(6) Electrical work;
(7) Pedestrian turnstiles and automatic change machines;
(8) 21,000 mud jack sleeves;
(9) Pavement exclusive of mud jack inclusive;
(A) Lump sum, Items 1 to 9, clusive;
(10) Concrete, exclusive of paving, per c.y.;
(11) Reinforcing steel, per lb.;
(12) Structural steel, per ton;
(13) Concrete pavement, per c.y.;
(14) Asphalt concrete pavement, per sq. ft.;
(15) Packed crushed rock pavement, per sq. ft.;
(16) Mud jack sleeves, each;
(17) Electric heaters in four additional toll booths, lump sum.

Plans and specifications obtainable from the office of W. W. Felt, Secretary, Golden Gate Bridge District, Suite 1000, 111 Sutter St., upon deposit of $50.00.

14— RESIDENCES

Sub-Contracts Awarded

RESIDENCE Cost, $15,000

MARIN CO., Calif. Del Mesa Tract.

Two - story frame and stucco residence (8 rooms and 3 baths) tile roof, hardwood floors, tile baths.

Owner—Russell A. Mackey.

Architect — Roland Stringham, 525 Market St., San Francisco.

Contractor—A. H. Seimer, 128 Calumet Ave., San Anselmo.

Plumbing—E. Ongaro, 47 Scenic Rd., Fairfax.

Electric Wiring—Gus M. Hyams, 9 Ross St., San Rafael.

Heating and Sheet Metal — Pacific Heating Co., 808 3rd St., San Rafael.

Tile Work—Geo. Davenport, San Rafael.

Window Shades—Marin Shade Co., 343 San Anselmo Ave., San Anselmo.

Brick and Stone Work—Frank P. La Haye, 17 Waverly Ave., San Anselmo.

Lumber, Mill and Glass—Henry Hess Co., 229 3rd St., San Rafael.

Painting—Geo. A. Gregory, 554 Redhill Ave., San Anselmo.

Lathing & Plastering—Chas. Weber, San Rafael.

Linoleum—The Linoleum Shop, 400 San Anselmo Ave., San Anselmo.

Contract Awarded

RESIDENCE Cost, $7,500

BURLINGAME, San Mateo Co., Cal. Lot 6, Blk. 44, Bernal Ave.

Two-story frame and stucco residence; garage.

Owner—Sidney Romer.

Architect—Not Given.

Contractor—James Horne, 869 California Drive, Burlingame.

Contract Awarded

RESIDENCE Cost, $11,000

OAKLAND, Alameda Co., Cal. Fernwood Tract.

1½-story frame and brick veneer residence (6 rooms and 4 baths), hardwood floors, shake roof, gas furnace, plaster walls and ceilings, wood sash, garage.

Owner—Gilbert Atkinson.

Architect—Not Given.

Contractor — George Windsor, 928 Kingston Ave., Piedmont.

To Be Done By Day's Work

RESIDENCES Cost, $4,000 each

SAN FRANCISCO, Calif. Conrad & Diamond Streets.

Three one-story and basement frame and stucco residences.

Owner & Builder—J. B. Williams, 137 Shakespeare St., San Francisco.

Architect—Not Given.

To Be Done By Day's Work

RESIDENCES Cost, $8,000 each

SACRAMENTO, Calif. 2741 and 2756 11th Ave.

Two 2-story frame and stucco residences; garages.

Owner & Builder—Edward Lee, 5341 14th Ave., Sacramento.

Architect—Not Given.

Contract Awarded

RESIDENCE Cost, $6,500

OAKLAND, Alameda Co., Calif. 5790 Buena Vista Ave.

Two-story frame and stucco residence (6 rooms).

Owner—Fred Beck, 409 Alhambra Drive.

Architect—Ray Keefer, 585 Mandana Blvd., Oakland.

Contractor—Charles Ungaretti, 1727 Foothill Blvd.

Contract Awarded

RESIDENCE Cost, $9,000

OAKLAND, Alameda Co., Calif. Piedmont Pines.

Two-story frame and stucco residence (6 rooms).

Owner—Glenn G. Allen, 3471 Laurel Ave.

Architect — E. Musson Sharpe, 111 Sutter St.

Contractor—Allen & Allen, 3471 Laurel Ave.

Bids Wanted — To Close December 11, 12 Noon

RESIDENCE Cost, $.....

SAN RAFAEL, Marin Co., Calif.

Two-story frame and stucco residence (6 rooms), garage, hardwood floors, tile bath, modernistic style.

Owner—Louis Becker.

Architect—William I. Garren, 233 Post St., San Francisco.

Sub Contracts Awarded
RESIDENCE Cost, $6,500
PIEDMONT, Alameda Co., Calif. 80 Woodland Way.
Two-story frame and stucco residence (6 rooms); garage.
Owner—Guy E. Needham, Grand & Oakland Aves.
Architect—E. L. Snyder, 2104 Addison St., Berkeley.
Contractor—T. D. Courtright, 349 51st St., Oakland.
Plumbing—J. A. Fazio, 402 Castro Street.
Electric Wiring—George S. Hansen, 6200 Maldon St.
Heating & Sheet Metal—H. K. Flowers, 5437 Thomas St.
Tile Work—Rigney Tile Co., 3012 Harris St.
Hardwood Floors—E. C. Mattson, 2960 Montana St.
Lumber—E. K. Wood Lumber Co., Frederick & King Sts.
Painting—Pacific Painting & Decorating Co., 5414 Telegraph St.
Lathing & Plastering—A. Cardoni, 5244 Lawton Ave.
All of Oakland.

Contract Awarded
RESIDENCE Cont. Pr., $4,685
MARTINEZ, Contra Costa Co., Calif.
One - story frame residence (rustic exterior, gas furnace, shingle roof.
Owner—G. C. Ralls.
Architect — James H. Anderson, 3147 Claremont Ave., Berkeley.
Contractor—James F. Croll, 1280 Escobar St., Martinez.

Contract Awarded
RESIDENCE Cost, $8,000
One-story frame and stucco residence (6 rooms).
Owner—L. E. Nickelson, 1763 Clemens Road, Oakland.
Architect—Not Given.
Contractor—John S. Flagg, 3387 Marcorn Acres, Oakland.

Plans Being Completed
RESIDENCE Cost, $4,000
HEALDSBURG, Sonoma Co., Calif.
One-story frame and stucco residence (5 rooms); hardwood flrs., tile bath, gas floor furnace, wood sash, garage.
Owner—Ben Ratner.
Architect—John Easterly, Healdsburg and Santa Rosa.
Bids will be asked in about one week.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO, Calif. Mt. Vernon and Delano Sts.
Three one-story and basement frame and stucco residences.
Owner & Builder—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given.

To Be Done By Day's Work
SAN FRANCISCO, Calif. Shawnee Ave. and Delano St.
Three one-story and basement frame and stucco residences.
Owner & Builder—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given.

Bids In—Held Under Advisement
RESIDENCE Cost, $5,200
SAN FRANCISCO, Calif.
One-story and basement wood frame residence (5 rooms), concrete garage; paving tile steps, stucco front with cast stone trim, asphalt roof with tile trim, oak floors, tile bath and kitchen, warm air gas furnace, hot water heater; fireplace, etc.
Owner—Jules A. Zimmerlin.
Plans by L. O. Berg, 369 Mills Bldg.
Opening date postponed from November 21.

Plans Being Prepared
RESIDENCES Cost, $3,000 each
CARMEL, Monterey Co., Calif.
Four 4- and 5-room residences.
Owner—Not Given.
Architect—Milton Latham, Carmel.

To Be Done By Day's Work
RESIDENCE Cost, $8,500
SAN FRANCISCO, Calif. St. Francis Wood.
Two-story frame and stucco residence (8 rooms, 3 baths), flat shingle tile roof, tile baths, hardwood floors, gas furnace hot air heat, air conditioning, wood sash, etc.
Owner & Builder—Mr. and Mrs. Kenneth Evers, 97 San Pablo.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.

Preparing Working Drawings
RESIDENCE Cost, $20,000
SAN FRANCISCO. Sea Cliff.
Two-story and basement frame and stucco residence (11 rooms and 4 baths), tile baths, shingle tile terra cotta roof, hardwood and tile floors.
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Boulevard.
Bids will be taken in about thirty days.

Plans Completed
RESIDENCE & MUSIC STUDIO Cost, $10,000
SANTA ROSA, Sonoma Co., Calif. Crawford & Mendocino Aves.
Two-story frame and stucco residence (8 rooms, 3 baths); music room with stage; garden patio; modernistic style.
Owner—George L. Trombley.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Plans are being figured by only one contractor.

Contract Awarded
ALTER RESIDENCE Cost, $6,000
SAN FRANCISCO, Calif. 2116 Lyon Street.
Alterations to residence.
Owner—Donald Craig, 112 Presidio Ave.
Architect—Warren Perry, 260 California St.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley.

Bids Opened
RESIDENCE Cost, $.....
SAN JOSE, Santa Clara Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths), shingle roof, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Bachrodt.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Low Bidder—Wm. Caldwell, 1241 Hedding St., San Jose.
Complete bids follow:

Wm. Caldwell	$9,582
Wm. H. Schwartz	9,645
Bert Ward	9,729
N. J. Nielsen	9,729
E. O. Erbentraut	9,850
Guy M. Latta	10,436
George Honore	10,994

All bidders of San Jose.

Preparing Working Drawings
RESIDENCE Cost, $20,000
ROSS, Marin Co., Calif. Del Mesa Tract.
Two - story and basement frame and stucco residence (3 baths), tile roof, steel sash, hardwood floors, tile baths, oil heat.
Owner—Withheld.
Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.
Bids will be taken in about thirty days.

Contract Awarded
RESIDENCE Cont. Price, $35,533
ATHERTON, San Mateo Co., Calif. Polhemus Ave. and Selby Lane.
Two - story frame and stucco residence (15 rooms, 8 baths) some brick veneer finish, slate roof, wood sash, plaster walls and ceilings, hardwood floors, tile baths, air - conditioned throughout, triple garage.
Owner—Alfred Ducato (201 Locust St., San Francisco.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 4900 Proctor Ave.
Two-story frame and stucco residence (6 rooms); garage.
Owner—Geo. G. Byrne, 359 17th St., Oakland.
Architect—Not Given.
Contractor—R. Norris, 359 17th St., Oakland.

Sub Contracts Awarded
RESIDENCE Cont. Pr., $11,718
SALINAS, Monterey Co., Calif.
One - story frame and stucco residence (10 rooms, 2 baths), shake roof, oak floors, oil burning heating system; tile baths, etc.
Owner—Mr. and Mrs. Chris Fanoe.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Contractor — Herbert P. Kimzey, 38 Romie Lane, Salinas.
Plumbing & Heating—Anderson-Dougherty-Hargis Co., 225 Main Street.
Sheet Metal & Hardware—Anderson-Dougherty-Hargis Co., 225 Main Street.
Electric Wiring—Electric Service Co., 25 Harvest St.
Tile Work—M. G. Bowen, 952 Harriet St., Monterey.
Hardwood Floors—J. E. Finn, 37 Buena Vista St.
Brick & Stone Work—Ed. Gardiser, 225 Geil St.
Lumber & Mill Work—Hayward Lbr. Co., 11 Abbott St.
Lathing & Plastering — Ralph Parsons, P.O. Box 1301.
Concrete—Ray A. Kallam, 49 Acacia Street.
All of Salinas unless otherwise noted.

Plans Being Figured—Bids Close December 12, 11 A. M.
RESIDENCE Cost, $5,500
STOCKTON, San Joaquin Co., Calif.
One-story and part basement frame and stucco residence (five rooms, one bath) split shingle roofing, hardwood floors, linoleum floors in bathroom, gas floor furnace heat.
Owner—L. Biasotti, Stockton.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Sub-Contracts Awarded
RESIDENCE Cost, $11,000
OAKLAND, Alameda Co., Cal. 6088 Margarida Drive.
Two - story frame and stucco residence (7 rooms, 3 baths) garage.
Owner—Katherine M. Smith.
Architect—Newsom Bros., Russ Bldg. San Francisco.
Contractor — David Nordstrom, 354 Hobart St., Oakland.
Roofing—W. Ridout, 642 Pacific St., Alameda.
Glass and Steel Sash — Cobbledick-Kibbe Co., 666 Howard St., San Francisco.
Brick and Stone Work—Herschel & Reimecke, 830 E 11th St., Oakland.
Grading—Ariss-Knapp Co., 961 41st St., Oakland.

Foundations and Concrete—Nat Lena 1174 19th St., Oakland.
Lumber—E. K. Wood Lumber Co., 1 Drumm St., San Francisco.

Contract Awarded
RESIDENCE Cont. Pr., $9,582
SAN JOSE, Santa Clara Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths), shingle roof, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Bachrodt.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Contractor—Wm. Caldwell, 1241 Hedding St., San Jose.

Contract Awarded
RESIDENCE Cost, $6,500
PIEDMONT, Alameda Co., Calif. 465 Wildwood Ave.
Two-story frame and stucco residence (5 rooms); garage.
Owner—Florence P. Abbott, 25 Crocker St., Berkeley.
Architect—Not Given.
Contractor—Harry E. Carlson, 301 Lenox Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $12,500
OAKLAND, Alameda Co., Calif. Grovatt Drive, Claremont Knoll.
Two-story frame and stucco residence (7 rooms); garage.
Owner—A. Reisch, Kingsburg.
Plans by Walter C. See, 1047 Monterey Ave., Berkeley.
Contractor — Leslie C. Dowe, 449 Country Road, Berkeley.

Contract Awarded
RESIDENCE Cost, $6,500
PALO ALTO, Santa Clara Co., Calif. 1165 Guinda St.
One-story frame and rustic residence; garage.
Owner—John Dudfield.
Architect—Not Given.
Contractor—Dudfield & Kohler, 116 University Ave., Palo Alto.

Contract Awarded
RESIDENCES Cost, $5,500 each
BERKELEY, Alameda Co., Calif. 1566-68-72-74 Euclid Ave.
Four 2-story frame and stucco residences; garages.
Owner—H. H. Whiting, 1573 Hawthorne Terrace, Berkeley.
Plans by M. C. Reynolds, 269 Monte Vista Ave., Oakland.
Contractor—Willis F. Lynn, 1073 Ashmount Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5,500
SAN FRANCISCO. Santiago St. and 34th Avenue.
One - story and basement frame and stucco residence.
Owner and Builder—Andrew J. Benson, 2324 15th Avenue.
Architect—Not Given.

Bids Opened
RESIDENCE Cost, $.....
HAYWARD, Alameda Co., Calif. 40 Main Street.
Two - story frame and rustic residence (6 rooms) garage.
Owner—G. Patton Simonds, 80 Main St., Hayward.
Plans by owner.
Low Bidder—F. C. Little, 1960 B St., Hayward, $4,790.
Complete bids follow:
F. C. Little, Hayward.....$4,790
Arthur Holyoake, Hayward..... 5,100
Skovmand & Lewis, Oakland..... 5,600
Bids held under advisement pending approval of FHA.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. Washington St. near Leavenworth St.
Alterations to apartment building.
Owner—E. J. Thomas.
Architect — Ed. Musson Sharpe, 111 Sutter Street.
Contractor — Dan Richardson, 4400 19th Street.

Contract Awarded
RESIDENCE Cost, $12,000
MENLO OAKS, San Mateo Co., Cal. Menlo Oak Drive, Lot 13, Blk 7.
Two - story frame and stucco residence and garage.
Owner—Leo R. Auten.
Architect—Not Given.
Contractor—D. D. Bohannon, 1182 Market St., San Francisco.

To Ask Bids Shortly
RESIDENCE AND LABORATORY Cost, $.....
BERKELEY, Alameda Co., Calif. Spruce St.
Two-story frame, stucco and reinf. concrete residence and laboratory (4 bedrooms and 3 baths), tile roof, hardwood floors, tile baths, hot air heat, steel sash, etc.
Owner—A. F. Pillsbury.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Bids will probably be asked within one week.

Contract Awarded
RESIDENCE Cost, $6,500
SAN JOSE, Santa Clara Co., Calif. 205 Arroya Way.
One-story frame and stucco residence (6 rooms); garage.
Owner—Thomas Topp, 72 Chabrant Way.
Architect—Not Given.
Contractor—Martin Green & Co., Porter Bldg.

To Be Done By Day's Work
RESIDENCE Cost, $8,000
SAN FRANCISCO. Baker and Jefferson Streets.
Two - story frame and stucco residence and garage.
Owner and Buildr—Louis Francheshi 3630 Fillmore Street.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. Quintara Street and 26th Avenue.
Three one-story and basement frame and stucco residences.
Owner—R. S. Chase, 4482 Mission St.
Architect—Not Given.
Contractor—Rudolph Mohr & Sons, 4482 Mission Street.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 112 Glenwood Glade.
Two - story frame and stucco residence (6 rooms) and garage.
Owner and Builder—J. S. Wiggins, 6640 Thornhill Drive, Oakland.
Architect—R. C. Schuppert, 1741 Wellington St., Oakland.

Bids In
RESIDENCE Cost, $20,000
SAN FRANCISCO. St. Francis Wood.
Two-story frame, stucco and brick veneer residence (10 rooms and 4 baths), gas furnace, plaster walls and ceilings, hardwood floors, tile roof, tile baths, detached double garage.
Owner—Karl F. Schuster.
Architect — Maybeck, White & Merchant, Russ Bldg.
Announcement will be made shortly.

Completing Plans
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. La Salle Ave.
Two-story stall wood residence (9 rooms, 3 baths), shingle roof, hardwood floors, linoleum baths, tile showers, plaster walls and ceilings, gas-fired hot air furnace; garage.
Owner—Name Withheld.
Architect—Williams & Wastell, 337 17 St., Oakland.
Bids will be asked in about two weeks.

Contract Awarded
RESIDENCE Cost, $12,286
SAN FRANCISCO, Calif. St. Francis Wood.
Two-story and basement frame and stucco residence; garage.
Owner—Dr. Arthur J. Vollert, 201 Sanchez St., S. F.
Architect—Maybeck, White & Merchant, Russ Bldg., S. F.
Contractor—Henry Papenhausen, 595 Victoria St., S. F

Preparing Plans
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. Harbor Drive.
Two-story frame and stucco residence (9 rooms, 3 baths), plaster walls and ceilings, hardwood floors, linoleum baths; gas-fired hot air furnace; garage.
Owner—Name Withheld.
Architect—Williams & Wastell, 337 17th St., Oakland.

Contract Awarded
RESIDENCE Cost, $6,500
PASATIEMPO, Santa Cruz Co., Cal.
One - story frame and stucco residence (5 rooms), shake roof, etc.
Owner—Withheld.
Architect—K. E. Ponsford, 900 Creed Road, Oakland.
Contractor — Darrow Palmer, 254 Branciforte Ave., Santa Cruz.

Contract Awarded
RESIDENCE Cost, $9,000
SAN MATEO, Calif. Lot 16, Blk. 21, Virginia & Park Blvd.
Two-story frame and stucco residence; garage.
Owner—H. J. Newton, care Contractor.
Architect—Higgins & Root, Security Bldg., San Jose.
Contractor—George W. Williams Co., 315 Primrose Rd., Burlingame.

Contract Awarded
RESIDENCE Cost, $8,500
SAN MATEO, Calif. Lot 18, Blk. 19, Avilla & Edenborough Aves.
Two-story frame and stucco residence; garage.
Owner—W. T. Huber, The Laurels, San Mateo.
Architect—Not Given.
Contractor—San Mateo Inv. Co., 2562 El Camino Real, San Mateo.

Contract Awarded
RESIDENCE Cost, $6,500
SAN MATEO, Calif. Lot 5, Blk. 10, Castilian Way.
One-story frame and stucco residence; garage.
Owner—V. Leontieff, Acacia Drive, Burlingame.
Architect—W. C. F. Gillam, 1470 Broadway, Burlingame.
Contractor—B. Norberg, 1420 Floribunda, Burlingame.

Contract Awarded
RESIDENCE Cost, $15,500
PALO ALTO, Santa Clara Co., 190 Edgewood Drive.
Two-story stucco and brick veneer residence; garage.
Owner—Birge M. Clark, 310 University Ave., Palo Alto.
Architect—Birge M. and David Clark, 310 University Ave., Palo Alto.
Contractor—W. P. Goodenough, 49 Wells Ave., Palo Alto.

NOTICE OF SALE
SAN JOSE, Santa Clara Co., Calif. —Until December 7, 8 p.m., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for the sale of a frame building located at 705 West San Carlos St. The building may either

be wrecked or moved from said location.
Specifications obtainable from the above office

15— SCHOOLS

SCHOOL Cost, $76,363
IRVINGTON, Alameda Co., Calif.
One-story frame school building (7 classrooms, comb. auditorium and gymnasium; library, teachers' room).
Owner—Irvington School District.
Architect—G. E. Ellinger, 1801 Casterline Road, Oakland.
Bond issue of $42,000 was defeated at a special election held in Irvington School District No. 20.

Sub-Contracts Awarded
AUDITORIUM Cont. Price, $19,576
SAN PABLO, Contra Costa Co., Cal.
One - story frame and stucco school auditorium (to seat 350).
Owner—San Pablo School District.
Architect — Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor—J. E. Branagh, 116 Monticello Ave., Piedmont.
PWA approved grant to assist in financing.
Lumber—Smith Lumber Co., Fourth and Channel Sts., San Francisco.
Cement—Calaveras Cement Co., 315 Montgomery St., San Francisco.

To Ask Bids Shortly
GYM AND AUDITORIUM $30,000
CEDARVILLE, Modoc Co., Calif.
One-story frame and stucco auditorium and gymnasium, composition roof, concrete floors, maple floor in gymnasium, plaster interior walls (stage, office, locker rooms, showers, and toilets).
Owner—Surprise Valley Union High School District.
Architect—Howard Perrin, Klamath Falls, Ore.
A grant of $13,500 has been approved by the PWA.
Bids probably will be asked about December 7.

Sub Contracts Awarded
GYM & POOL Cont. Pr., $179,881
DALY CITY, San Mateo Co., Calif.
One - story reinforced concrete gymnasium (steel trusses, tile roof, tile, cement and maple flooring), reinforced concrete swimming pool (40x75 ft.).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Mechanical and Electrical Engineer —Robt. L. St. John, 544 Market St., San Francisco.
Contractor—Frank J. Reilly Co., 6350 Fulton St., San Francisco.
Excavation—L. C .Smith, 235 Third Ave., San Mateo.
Plumbing—Skelly & Kohler, 1342 9th Ave., San Francisco.
Mill—Pacific Manufacturing Co., Santa Clara.
Reinf. Steel & Metal Windows—Concrete Engineering Co., 1280 Indiana St., San Francisco.
Structural Steel—Golden Gate Iron Works, 1541 Howard St., S. F.
Glass—W. P. Fuller Co., 301 Mission St., San Francisco.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard St., San Francisco.
Masonry—Harry E. Drake, 666 Mission St., San Francisco.
Marble—Joseph Musto Sons-Keenan Co., 535 No. Point St., San Francisco.
Roofing—J. W. Bender Co., 1999 Bryant St., San Francisco.
Tile—Malott & Peterson, 2412 Harrison St., San Francisco.
Finish Hardware—E. M. Hundley, 662 Mission St., San Francisco.
Hardwood Floors—Aetna Hardwood Floor Co., 951 Buchanan St.

Funds Asked
ADDITION Cost, $7,000
PAJARO, Monterey Co., Calif.
Addition to grammar school (add one classroom, frame and stucco construction).
Owner—Pajaro Grammar School District.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Application has been filed with the PWA for a grant of 45% of the cost.

Plans Being Prepared
SCHOOL Cost, $50,000
STEVINSON, Merced Co., Calif.
One-story frame and stucco school building, concrete corridors (6 classrooms).
Owner—Merquin Union School Dist.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Application has been filed with the PWA for a grant of 45%.

BIDS WANTED
TRACY, San Joaquin Co., Calif.—Until December 14, 8 p.m., bids will be received by the Tracy Elementary School District, Henry A. McCrory, Clerk, for alterations and additions to the South Elementary School Building. Specifications obtainable from the office of the Central Grammar School, Central Avenue, Tracy.

Bids Wanted — To Close December 15, 1 P. M.
SCHOOL AND SHOP BUILDING
Cost, $70,000
JUNCTION CITY, Oregon. Lane Co.
One-story high school building and agricultural shop (classrooms, offices, gym, auditorium, laboratories, etc.), brick veneer exterior, cast stone trim; rigid asbestos roof, wood joists, concrete floors, linoleum flooring, steel sash, etc.
Owner—School District No. 13, Lane County (Angus Gibson, Clerk).
Architect—C. N. Freeman, Concord Bldg., Portland.
Plans and specifications obtainable from the architect upon deposit of $15.

Contract Awarded
TEMPORARY CLASSROOMS
Cont. Price, $5,720
TAFT, Kern Co., Calif.
Wrecking of north and south wings of high school and construction of ten tent classrooms.
Owner—Taft Union High School District.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.
Contractor—Homer W. House, 706 Fillmore St., Taft.
Complete bids follow:
Homer W. House, Taft.....$5,720
Trewhitt-Shields & Fisher, Fresno 5,851
L. Hansen, Fresno..... 7,528

BIDS WANTED
ANAHEIM, Orange Co., Calif.—Until December 9, 7:15 p.m., bids will be received by the Anaheim Union High School District for a one-story reinf. concrete gymnasium to be erected at Anaheim high school. Cost, $65,000. Architect T. C. Kistner, 814 Architects' Bldg., Los Angeles.

LOW BIDDER
LONG BEACH, Los Angeles Co., Calif.—J. E. Burrell & Son, 750 West Anaheim St., Long Beach, submitted low bid to Long Beach board of education, at $162,679, for construction of the practical arts building, boys' and girls' locker and shower building, pine tunnels and field work at the Franklin Junior high school site, Long Beach. George D. Riddle, architect; Laurence J. Waller, structural engineer, Long Beach, and Homer Fisher, mechanical and electrical engineer.

CONTRACT AWARDED
SAN FRANCISCO.—Gill-Mann Co., 160 Second St., at $321.13 awarded contract by Department of Public Works, City Hall (under Spec. No. 5111) for reconditioning the asbestos curtain, including cables, pulleys, etc. at Galileo High School, Van Ness Ave. and Bay St.

Award Recommended
SCHOOL Cost, $16,350
ORANGEVALE, Sacramento Co.
One - story frame and stucco school (four classrooms).
Owner—Orangevale School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Low Bidder — Lawrence Const. Co., 5372 Ninth Ave., Sacramento.
The Board of Trustees has recommended to the PWA that the contract be awarded the Lawrence Construction Co. at $16,233.

BIDS WANTED
BRAWLEY, Imperial Co., Calif.—Until December 8, 2 p.m., bids will be received by Brawley Union High Sch. District for two-story reinf. concrete science building to be erected at the high school site in Brawley, a PWA project. Cost, $65,000. H. L. Gogerty, 6272 Yucca St., Hollywood, architect.

Contract Awarded
SCHOOL Cont. Pr., $14,500
ORANGEVILLE, Sacramento Co.
One - story frame and stucco school (four classrooms).
Owner—Orangeville School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor — Lawrence Constr. Co., 5372 Ninth Ave., Sacramento.
Contract awarded on a basic bid of $16,233 with a deduction for omission of the heating plant.
The PWA has recently approved a grant of $7,380 to assist in financing the project.

Bond Sale
ALTERATIONS Cost, $42,615
EDEN TOWNSHIP, Alameda Co., Calif. E Ruus Road and Tennyson Road.
Alterations & additions to Tennyson school (add auditorium, classroom, kitchen and lavatories; enlarge school grounds).
Owner—Tennyson Elementary School District.
Architect—R. A. Hutchison, 3433 Andover St., Oakland.
Bonds will be sold on December 8 in the amount of $10,000 to assist in financing work, which will be done by the WPA.

LOW BIDDER
LOS ANGELES, Calif.—Charles J. Dorfman, 124 N. La Brea Ave., submitted low bid to Los Angeles board of education, at $123,970, for rehabilitation of the boys' and girls' gymnasium buildings at University high school, 11,800 Texas Ave., West Los Angeles. A. S. Nibecker, Jr., architect, Los Angeles.

Additional Sub-Contracts Awarded
AUDITORIUM ont. Price, $19,576
SAN PABLO, Contra Costa Co., Cal.
One - story frame and stucco school auditorium (to seat 350).
Owner—San Pablo School District.
Architect — Dragon & Schmits, 2068 Allston Way, Berkeley.
Contractor—J. E. Branagh, 116 Monticello Ave., Piedmont.
PWA has approved grant to assist in financing.
Electric Wiring—Scott-Buttner Electric Co., 2214 Webster St., Oakland.
Reinforcing Steel — Borrmann Steel Co., 25 8th St., Oakland.

Mill—Jaekle Bros., 949 3rd St., Napa.
Hardware—Associated Hardware Co. Inc., 3862 San Pablo Ave., Oakland.
Roofing — Central Sheet Metal and Roofing Co., 3246 Ettie St., Oakland.
Painting—W. P. Fuller & Co., 301 Mission St., San Francisco .

As previously reported, lumber contract awarded Smith Lumber Co., 4th and Channel Sts., San Francisco; cement to Calaveras Cement Co., 315 Montgomery St., San Francisco.

Sub-Contracts Awarded

GARAGE, ETC. Cont. Price, $1,900
NAPA, Napa Co., Calif. Wild Horse Road and Second Avenue.
Garage building, pump house, pumping plant and equipment at Mt. George Elementary School.
Owner—Mt. George Elementary Sch. Dist. (J. E. Godley, Clerk) Napa.
Architect — W. E. Coffman, Forum Building, Sacramento.
Contractor—Napa Lumber Co., Napa.
Mill—Jaekle Bros., 949 3rd St., Napa.
Roofing — Central Sheet Metal and Roofing Co., 3246 Ettie St., Oakland.
Concrete—Basalt Rock Co., Inc., 900 Eighth St., Napa.
Hardware—Associated Hardware Co. Inc., 3862 San Pablo Ave., Oakland.

Bids Rejected

SCHOOL Cost, $22,222
SANTA RITA, Monterey Co., Calif.
One-story frame and stucco school building (two classrooms and auditorium), concrete foundation; composition roofing; standard plumbing and electrical work.
Owner—Santa Rita School District.
Architect — C. J. Ryland, Monterey and Carmel.

The PWA has approved the recommendation of the Board that all bids be rejected and plans be revised. Lowest bid was submitted by F. C. Stolte, San Simeon, at $24,400.

A grant of $10,000 was recently approved by the PWA.

PREPARING PLANS

MOJAVE, Kern Co., Calif.--Architect A. C. Zimmerman, 709 H. W. Hellman Bldg., Los Angeles, is preparing plans for a new reinf. concrete school building to be built on the old airport site in Mojave for the Mojave Elementary School District. A $90,000 bond issue was recently voted.

Contracts Awarded

SCHOOL Cont. Pr., $322,550
PALO ALTO, Santa Clara Co., Calif. Middlefield Road and California Avenue.
Two-story reinforced concrete David Starr Jordan Junior High School to accommodate 1,000; administration office, 27 classrooms, boys and girls' gymnasium, auditorium to seat 1,000; cafeteria to accommodate 600, and library.
Owner—Palo Alto School District.
Architect—Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Contractor—Carl N. Swenson, 355 Stockton Ave., San Jose.
Linoleum—Van Vleet Freear Co., 557 Howard St., San Francisco—$6,-279.
Blackboards—W. T. King & Sons—$1,274.
Steel Lockers—Berger Mfg. Co., 102 New Montgomery St., San Francisco—$5,742.

The Board authorized an additional $13,334 for two home economics rooms and one shop room, making the total general contract price, $322,550.

Bids will be asked about December 7 for finish hardware.

Plans Completed

MUSIC BLDG. Cost, $35,000
NAPA, Calif. Napa Union High School.
One-story frame and stucco addition to rear wall of present stage, concrete foundation, wood floors, composition roof, therma and sound insulation, Standard plumbing and electric work.
Owner — Napa Union High School District.
Architect — William Herbert, Rosenberg Bldg., Santa Rosa.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.

PWA approved grant of $53,373 to assist in financing construction of music building, and reconstruction of main school building.

Plans have been completed and forwarded to State Division of Architecture for approval.

Plans Approved

SCHOOL Cost, $21,981
TERMINUS, San Joaquin Co., Calif.
One - story elementary school building (4 classrooms, one activity room).
Owner—Terminus Elementary School District.
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.

The PWA has approved a grant of $10,811.

Plans have been approved by the State Division of Architecture, Sacramento, and by the PWA. A call for bids will be issued shortly.

BIDS WANTED

SAN FRANCISCO.—Until December 9, 1:30 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5203, for moving two bungalows from Yerba Buena School, Greenwich St., bet. Webster & Fillmore Sts., to John Swett School, McAllister St., bet. Franklin and Gough Sts.

Additional information may be had from the office of R. A. Chisholm, Superintendent of Public Buildings, 484 11th St.

Sub-Contracts Awarded

ADDITIONS ontract Price, $21,700
WATSONVILLE, Santa Cruz Co.
One-story frame and stucco addition to Roache School (5 classrooms) plaster interior partitions, composition shingle roofing, Oregon pine flooring, hot air heating system, gas furnace, etc.
Owner — Roache School Dist (Chris. V. Kostaras, Clerk).
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Contractor—John Branagh, 116 Monticello Ave., Piedmont.
Lumber—Smith Lbr. Co., 19th Ave. and Estuary, Oakland.
Mill—Jaekle Bros., 948 3rd St., Napa.
Reinforcing Steel—Geo. R. Borrmann Steel Co., 25 8th St., Oakland.
Rock, Sand, Cement—Granite Const. Co., Bin No. 9, Watsonville.
Plumbing and Heating—Martin and Sleason, Watsonville.
Glass—East Bay Glass Co., 621 6th St., Oakland.
Roofing — Central Sheet Metal and Roofing Co., 3246 Ettie St., Oakland.
Blackboards and Seats — American Seating Co., 207 Van Ness Ave., San Francisco.
Steel Sash—Truscon, 604 Mission St., San Francisco.
Hardware—Associated Hardware Co. 3862 San Pablo Ave., Oakland.
Painting—W. P. Fuller & Co., 301 Mission St., San Francisco.
Electric Wiring—Pajaro Valley Elec. Co., 22 E Lake St., Watsonville.

16—BANKS, STORES AND OFFICES

Contract Awarded

MARKET Cost, $8,000
EXETER, Tulare Co., Calif. Pine & C Streets.
One-story L-shaped stucco drive-in market building and warehouse.
Owner—L. A. Wheeler.
Lessee—Justesen Store.
Architect—Not Given.
Contractor—W. K. Jackson, P.O. Box 275, Exeter.

Plans Being Figured — Bids Close December 9, 2 P. M.

OFFICE BLDG. & APARTMENT Cost, $.....
SAN JOSE, Santa Clara Co., Calif. 14th and Santa Clara.
Two-story frame and stucco building (doctor's offices on first floor; 4-room apartment on second floor); hot air heat; tile and built-up gravel roof; steel sash; hardwood floors in apartment; linoleum floors in offices.
Owner—Mr. and Mrs. J. Pugle.
Architect—Chas. McKenzie, Twohy Bldg., San Jose.

Bids are being taken from a selected list of contractors.

Glass Sub Contract Awarded

STORES Cost, $25,000
SANTA CRUZ, Santa Cruz Co., Cal.
One-story reinforced concrete store building (four stores), tar and gravel roofing, concrete floors, terra cotta front, etc.
Owner — Pacific States Amusement & Realty Co., Santa Cruz.
Architect—Not Given.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor — Salih Bros., 25 Taylor St., San Francisco.
Glass—Progress Glass Co., 1622 Fol-Som Street.

As previously reported:
Roofing—Central Supply Co., Bin 9, Watsonville.
Terra Cotta — N. Clark & Son, 116 Natoma St., San Francisco.
Lumber—Hebbron Lumber Co., Santa Cruz.
Plumbing — Izant & Wilson, Santa Cruz.

Contract Awarded

SALESROOM Cost, $5,000
SAN FRANCISCO. Fourth and Clementina Streets.
One-story Class C sales building.
Owner—H. C. Wood, 580 Bryant St.
Engineer—Norman B. Green, Sharon Building.
Contractor—F. R. Siegrist, 60 Mission Street.

Planned

STORE BLDG. Cost, $.....
VISALIA, Tulare Co., Cal. Main St.
New reinforced concrete store bldg.
Owner—Montgomery Ward & Co.
Plans by Construction Department of Owner, Chicago Office.

Bids will be asked early next year and will be received by J. C. Doucha, Supt. of Const., Montgomery Ward & Co., 2825 E 14th St., Oakland.

Contract Awarded

STORE BLDG. Cost, $12,000
SANTA ROSA, Sonoma Co., Calif. Fifth St. bet. Mendocino Avenue and "D" St.
New concrete and tile store building (53x100-ft.) containing 2 stores.
Owner—R. & S. Mitchell, et al.
Architect—Not Given.
Contractor—Clyde W. Hansen, P. O. Box 115, Santa Rosa.

Contract Awarded

STORE BUILING Cost, $.....
OAKLAND,. Alameda Co., Calif. Oppenheimer Store Bldg., Foothill

Blvd. and 73rd Ave.
New one-story steel and frame store building (77x70 ft.).
Owner — Arthur C. Oppenheimer, Alameda.
Architect—Kent & Hass, Underwood Bldg., San Francisco.
Contractor—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.

Plans Being Prepared
REMODELING Cost, $.....
AUBURN, Placer Co., Calif.
Remodeling interior of 4-story brick store building.
Owner—Montgomery Ward & Co., Chicago.
Plans prepared by the Owner's architectural department.

Planned
AUTO SHOW ROOM Cost, $12,000
AUBURN, Placer Co., Calif.
New automobile show room (reinforced steel or brick construction).
Owner—Mr. Reeves, Newcastle.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $.....
SAN FRANCISCO. 813 Folsom St.
Alter store building.
Owner—Bothin Real Estate Co., 604 Mission Street.
Architect — Angus McSweeney, 604 Mission Street.
Contractor—A. F. Mattock Co., 212 Clara Street.

Completing Working Drawings
STORE Cost, $250,000
SANTA ROSA, Sonoma Co., Calif. D and Fourth Streets.
Two-story steel frame and reinforced concrete department store building (30 departments); complete air conditioning equipment; electric plant.
Owner—Fred Rosenberg, Santa Rosa.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.
Bids will be asked in about 1 week.

Bids In—Held Under Advisement
STORE BUILDING Cost, $.....
OAKLAND, Alameda Co., Calif. Oppenheimer Store Bldg., Foothill Blvd. and 73rd Ave.
December 3, 1936
New one-story steel and frame store building (77x70 ft.).
Owner—Arthur C. Oppenheimer, Alameda.
Architect—Kent & Hass, Underwood Bldg., San Francisco.
Announcement will be made shortly.

Bid Opening Postponed To December 1, 12 Noon
ALTERATIONS Cost, $.....
SAN FRANCISCO. Mason and Union Streets.
Alterations to four-story store and flat building.
Owner—Withheld.
Architect — Albert Schroepfer, 244 Kearny St.

Contract Awarded
OFFICE BUILDING Cost, $.....
RICHMOND, Contra Costa Co., Calif. S. Lucas Ave., bet. Katherine and Irene Streets.
Frame office building.
Owner — California Spray Chemical Corporation, 2082 Center Street, Berkeley.
Architect—Not Given.
Contractor—John F. Tullock, 335 8th St., Oakland.

Contract Awarded
MARKET Cont. Pr., $20,305
SACRAMENTO, Sacramento Co., Cal. Ninth and S Streets.
One - story frame and stucco drive-in market building, cement slab on ground floor (90x115 ft.).
Owner—Herman T. Davis.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—Peterson & Steinbrenner, 1116 O St., Sacramento.

Sub Contracts Awarded
EQUIPMENT BLDG. Cost, $60,000
FRESNO, Fresno Co., Calif. Calaveras & H Sts.
New one-story concrete and steel building to adjoin present building to house farm implements; warehouse, paint and steam cleaning plant, display rooms, etc., air conditioning system, etc.
Owner—Budd & Quinn, 1516 H St., Fresno.
Architect—Not Given.
Contractor—Fisher & McNulty, 327 Cory Bldg.
Masonry—Paul Kindler, 1646 Hedges Street.
Wiring—Electric Construction Co., P. O. Box 638.
Reinf. Steel & Misc. Iron—Kyle & Co., 346 G Street.
Trusses—Summerbell Truss Co., 405 Builders Exchange Bldg., Oakland.
Mill Work—Fresno Planing Mill Co., H and Monterey Sts.
Materials—Valley Lumber Co., P. O. Box 1341.
All of Fresno unless otherwise noted.

Sub-Contracts Awarded
STORE Cost, $20,000
VISALIA, Tulare Co., Calif. Main St. and Encina Ave.
One - story reinforced concrete and brick store building.
Owner—Jake Cooper, 501 S Willis St. Visalia.
Architect—David H. Horn 433 Rowell Bldg., Fresno.
Contractor — Harris Const. Co., 577 McKinley Ave., Fresno.
Masonry—Phipps Bros. & Co., Route 3, Box 343-H, Tulare.
Plastering—Lowell Strong, 411 South Willis St., Visalia.
Plumbing and Heating—Visalia Plbg. Co., 112 S Bridge St., Viasalia.
Iron and Steel—Kyle & Co., 346 G St., Fresno.
Mill Work—Hollenbeck - Bush Planing Mill, P. O. Box 605, Fresno.
Materials—Spalding Lbr. Co., Bridge and Oak Sts., Visalia.

Plans Being Figured—Bids Close December 9, 4 P. M.
STORE Cost, $.....
STOCKTON, San Joaquin Co., Calif. Pacific Avenue.
One - story reinforced concrete store building to contain four stores (4,000 sq. ft.)
Owner—N. Flor.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Bids In—Held Under Advisement
STORE BUILDING Cost, $.....
MARTINEZ, Contra Costa Co., Calif. Ferry St.
One-story concrete store building (52 x104 ft.); will contain 3 stores.
Owner—Joe Colombo, Martinez.
Architect — Thomas M. Edwards, 9 Geary St., San Francisco.

Sub Contracts Awarded
ALTERATIONS Cost, $10,000
SAN FRANCISCO. 350 Post Street.
Alter office building.
Owner—K. D. Winship Estate, 350 Post St.
Architect—Dodge A. Riedy, 821 Market St.
Contractor—Fred Schell, 666 Mission Street.
Electric Wiring—Dowd-Seid Electric Co., 2118 Mission St.
Glass—W. P. Fuller & Co., 301 Mission St.
Iron Grille Work—Patterson & Koster Iron Works, Inc., 280 13th St.
Brick and Stone Work — Vermont Marble Co., 525 Market St.
Painting—Maundrell & Bowen, 1285 Folsom St.
Concrete — S. A. Chase, 80 Douglas Street.
Elevator—Otis Elevator Co., 1 Beach St.
Linoleum—Van Fleet Freear Co., 557 Howard St.
Hardware—E. M. Handley.
Lathing & Plastering—Lenord Borch.
All of San Francisco.

Contract Awarded
OFFICE BUILDING Cost, $24,000
RICHMOND, Contra Costa Co., Calif. S. Lucas Ave., bet. Katherine & Irene Sts.
One-story frame office building; cement plaster exterior.
Owner — California Spray Chemical Corporation, 2082 Center Street, Berkeley.
Architect—James W. Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—John F. Tulloch, 335 8th St., Oakland.
Architect's name omitted on previous report.

Bids In—Held Under Advisement.
ALTERATIONS ost, $.....
SAN FRANCISCO. Mason and Union Streets.
Alterations to 4-story store and flat building.
Owner—Withheld.
Architect — Albert Schroepfer, 244 Kearny Street.
Announcement will be made shortly.

Additional Sub-Contract Awarded
BUILDING Cost, $2,000,000
SAN FRANCISCO. Tenth and Market Streets.
Seven-story reinforced concrete bldg. to house Western Furniture Exchange, with 11-story tower; 52,800 sq. ft. of floor space to each floor (approximately 200 tons of structural steel involved).
Owner—Capital Co., 625 Market St.
Plans by Construction Department of Owner.
Structural Engineer—L. H. Nishkian 525 Market Street.
Mechanical Engineer—Leland & Haley, 58 Sutter Street.
Contractor — Cahill Bros., 206 Sansome Street.
Miscellaneous Iron — Monarch Iron Works, 262 7th Street.
Complete list of sub-contracts to date published November 23.

17— THEATRES

Additional Sub Contracts Awarded
THEATRE Cont. Pr., $36,695
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120 feet), air-conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichmann, 321 Bush St., San Francisco.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.
Steel Sash—Detroit Steel Products Co., 111 Sutter St., San Francisco.
Marquise Frame — Mortenson Construction Co., 19th & Indiana Sts., San Francisco.
As previously reported:
Lumber, Cement & Concrete Aggregates—Diamond Match Co., Chico

Preparing Preliminary Plans
THEATRE Cost, $120,000
STOCKTON, San Joaquin Co., Calif. Main St. bet. California and Sutter Streets.
New reinforced concrete Class C theatre building (50x125 ft.) seat 950; 20-ft. foyer with store on each side.
Owner—E. L. Wilhoit, Stockton.
Architect—A. A. Cantin, 64 Pine St., San Francisco.

Low Bidder
THEATRE Cost, $.....
WALNUT CREEK, Contra Costa Co.
One-story Class C concrete theatre building (to seat 700).
Owner—Withheld.
Operated by E. P. Laws, Turlock.
Architect—A. A. Cantin, 64 Pine St., San Francisco.
Low Bidder—John Q. Renfrow, 1154 57th Ave., Oakland, $23,420.
Bids under advisement. Announcement will be made shortly.

Contract Awarded
THEATRE Cont. Pr., $48,573
NAPA, Napa Co., Calif. Franklin & Third Streets.
One-story Class C steel frame Uptown Theatre Building (to seat 1,300).
Owner—Realty Finance Corporation, 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 64 Pine St., San Francisco.
Contractor—Moore & Roberts, 693 Mission St., San Francisco.

18— WHARVES & DOCKS

CONTRACT AWARDED

RICHMOND, Contra Costa Co., Cal. —Case Constr. Co., 905 Westminster Ave., Alhambra, at $7,693.25, submitted low bid and awarded contract by the Richmond City Council for the guniting of piles at Wharf No. 1.

Bids were taken as follows:

(1) Removal of old and cracked concrete, cleaning steel, and replacing of same with cement gunite, per c.y. of cement gunite placed (186 c.y.);

(2) Removal of old reinforcing steel, and replacing with new reinforcing steel and No. 3 black annealed wire, per lb. of reinforcing steel and black annealed wire placed (500 lbs.);

(3) Galvanized welded wire fabric placed, per lb. of fabric (3,750 lbs.).

Total bids follow:

(A) Case Constr. Co., Alhambra $7,693.25
(B) Cement Gun Constr. Co., San Francisco 7,870.00
(C) J. H. Mohr, San Francisco 8,224.20
(D) Edwin Anderson, San Francisco 8,673.80

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	$39.75	$37.50	$35.95	$40.80
(2).....	.10	.065	1.05	.07
(3).....	.265	.23	.27	.28

19—MISC. CONSTRUCTION

BIDS OPENED

SAN FRANCISCO.—Cleveland Wrecking Company, 175 East Jefferson Boulevard, Los Angeles, at $93,400 (amount to be paid by the state in addition to recovery of salvaged materials), submitted low bid to State Department of Public Wks., San Francisco-Oakland Bay Bridge Division, Chief Engineer C. H. Purcell, San Francisco, for demolition and removal of buildings on the right-of-way of the San Francisco interurban terminal and bridge railway viaduct.

Complete bids follow:

(A) Cleveland Wrecking Co., Los Angeles $93,400
(B) Symon Bros., San Francisco 111,894
(C) Los Angeles Wrecking Co., Los Angeles.....114,812
(D) Charles L. Harney, San Francisco 143,000
(E) Barrett & Hilp, San Francisco 159,500

BIDS WANTED

SAN FRANCISCO.—Until December 9, 2:30 p.m., formal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5187, for alterations to Room 336, City Hall. Estimated cost, $1,250.

Work consists of lathing and plastering partitions, shelving, benches, miscellaneous plumbing; size of room 17 x 7 feet.

Sub Contracts Awarded
STUDIO BLDG. Cost, $20,000
FRESNO, Fresno Co., Calif. 1553 Van Ness Ave.
Radio studio building.
Owner—James McClatchy Pub. Co.
Architect—Not Given.
Contractor—Fisher & McNulty, 1226 Fulton St., Fresno.
Masonry—J. M. Brown, 1837 Merced Street.
Plumbing — Barrett-Hicks Co., 1027 Broadway.
Air Conditioning, Heating & Sheet Metal—Carrier Engineering Corp., Los Angeles.
Wiring—Electric Construction Co., P. O. Box 638.
Reinf. & Structural Steel—Kyle & Co., 346 G St.
Mill Work—Fresno Planing Mill Co., H & Monterey Sts.
Plastering—M. E. Summers, Rt. 1, Box 329.
Painting—Schutz Paint Co., 1901 Fresno St.
Glass & Glazing—W. P. Fuller Co.
Roofing—Faris-Osborne Co., Inc., 759 Blackstone Ave.
All of Fresno unless otherwise noted.

Plans Being Figured—Bids Close December 7, 2 P. M.
SWIMMING POOL Cost, $75,000
RENO, Nevada.
Swimming pool (50x150) and wading pool for children (50x50) bathhouse and equipment; Idlewild Park.
Owner—City of Reno (J. B. Reese, City Clerk).
Engineer—C. L. Hill, Reno (city engineer).
A grant of $31,000 was recently approved by the PWA to supplement a $75,000 bond issue voted last August.
Plans and specifications obtainable from the office of City Engineer C. L. Hill, City Hall, Reno, upon deposit of $5.00.

BIDS WANTED

SAN FRANCISCO.—Until Dec. 9th, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5199, for furnishing and installing an iron hoisting cable on passenger elevator No. 8, County Jail No. 1, and iron governor cable on passenger elevator No. 7, Hall of Justice, both located at Kearny and Washington Streets.

Additional information may be had from R. A. Chisholm, Superintendent of Public Buildings, 484 11th St.

Contract Awarded
SWIMMING POOL Cost, $22,000
SACRAMENTO, Sacramento Co., Cal. William Land Park.
New outdoor plunge (60 x 120) small pool (30 x 40) outdoor buffet patio (110 ft. frontage) restaurant two modernistic concrete and stucco buildings, sun decks; all encircled by 8-ft. concrete wall.
Owner—Riverside Baths (Frank Lauppe, president).
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor—Dan Tatti, 2116 O St., Sacramento.
Contract awarded on a cost plus basis. Construction will start this week.

CONTRACT AWARDED

BERKELEY, Alameda Co., Calif.—Underground Constr. Co., 6 Alvarado Road, Berkeley, at $346, submitted low bid and awarded contract by the Signal Office, Presidio of San Francisco, under Bid No. 1084 SC 37-1, for installation of two antenna masts at the R.O.T.C., University of California.

The other bids were:
D. E. Manning, San Francisco.....$430
Wm. A. Degen, Alameda..... 440

BIDS OPENED

SACRAMENTO, Sacramento Co., Calif.—Westinghouse Electric Elevator Co., 1 Montgomery St., San Francisco, at $9,756, submitted low bid to the State Division of Architecture, George B. McDougall, State Architect, Sacramento, for repairing the elevator in the Public Works Bldg., 11th and P Sts., Sacramento.

Otis Elevator Co., at $10,362, submitted the only other bid.

CONTRACT AWARDED

SAN FRANCISCO, Cal.—Cleveland Wrecking Company, 175 East Jefferson Blvd., Los Angeles, at $93,400 (amount to be paid by the state in addition to recovery of salvaged materials), awarded contract by the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, C. H. Purcell, Chief Engineer, for demolition and removal of buildings on the right-of-way of the San Francisco interurban terminal and bridge railway viaduct.

BIDS WANTED

SAN FRANCISCO.—Until Dec. 9, 2 P. M., bids will be received by P. C. Brown, Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 949, for furnishing one 70-ft. plate girder structural steel span for Kern River Bridge.

Delivery fob bidder's shipping point and/or Bakersfield.

BIDS REJECTED

SAN FRANCISO.—Department of Public Works, City Hall (under Spec. 5063) rejected all bids for re-roofing Fairmount School, northeast Randall and Chenery Sts., and re-roofing the McKinley School, Castro Street between Henry and 14th Sts. Estimated cost, $3,500.

At previous bid opening Empire Roofing Co., 4905-A Mission St., at $8,220 submitted low bid.

CONTRACT AWARDED

SACRAMENTO, Sacramento Co., Calif.—Westinghouse Electric Elevator Co., 1 Montgomery St., San Francisco, at $9,756, awarded contract by the State Division of Architecture, George B. McDougall, State Architect, Sacramento, for repairing the elevator in the Public Works Bldg., 11th and P Sts., Sacramento.

BID OPENED

SAN FRANCISCO.—D. A. Pancoast Co., 26 O'Farrell St., at $156, submitted only bid to the Department of Public Works, City Hall, under Spec. No. 5170, for furnishing and installing aluminum safety treads on iron stairway in Assessor's office.

BIDS OPENED

PEARL HARBOR, T. H.—Bethlehem Shipbuilding Corp., 25 Broadway, New York City, submitted the only bid received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8228, for construction of a steel floating dry dock, 1016 ft. long and 165 ft. beam, for Pearl Harbor.

The bid follows: Item (1) $21,312,000; (2) $20,588,000; (3) $19,637,000;

(4) $18,173,000; (5) $17,227,000; (6) $16,604,000.
Bid held under advisement.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

SAN FRANCISCO.—Gill Mann Co., 160 Second St., at $321.13, submitted low bid to the epartment of Public Works, Room 251, City Hall (under Spec. No. 5111), for reconditioning asbestos curtain, including cables, pulleys, etc., at Galileo High School, Van Ness Ave. and Bay St.

Only other bid submitted by B. F. Shearer Co., San Francisco, at $455.

BID REJECTED

OAKLAND, Alameda Co., Calif.—The Oakland City Council has rejected the only bid received, that of N. Clark & Sons, San Francisco, at $83.90 per ton, for furnishing sulphur-silica joint compound.

BIDS OPENED

SAN FRANCISCO.—E. A. Cornely, Inc., 1452 Bush St., at $1,651.31, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1690, for furnishing 24 natural gas burners and accessories.

The other bids were:
Walworth California Co.....$1,700.00
Hansen Electric Co.....$3,035.50

Contract Awarded

SAN FRANCISCO.—McNelly Lacquer Service Co., San Francisco, at $425, awarded contract by Department of Public Works, Room 251, City Hall (under Spec. No. 5025), for treating floors of reference and reading rooms at Main Library with National lacquer and primer. Approximately 1,666 square yards. Work to be done after 10 p.m.

BIDS OPENED

OAKLAND, Alameda Co., Calif.—John Bruener Co., 21st and Broadway, Oakland, at $2.08 each, submitted low bid to the Oakland Board of Education, John W. Edgemond, Secretary, under Schedule No. 42, for furnishing single steel folding chairs.

Complete bids follow:
John Bruener Co.....$2.08
Rucker-Fuller Co..... 2.297
Jackson Furniture Co..... 2.40
American Seating Co..... 2.4514

BIDS OPENED

OAKLAND, Calif.—Following bids received by the East Bay Municipal Utility District, John Kimball, Secretary, under Proposal No. 819, for furnishing approximately 92,500 l.f. of Oregon pine lumber, fob the District Corporation Yard:
Melrose Lumber Co.....$3,623.18
San Pablo Lumber Co..... 3,626.60
E. K. Wood Lumber Co..... 3,756.64
Eureka Mill & Lumber..... 3,823.00
Oakland Lumber Co..... 3,867.96
Smith Lumber Co..... 3,890.82
Bay City Lumber Co..... 2,683.32
(fob Portland) ....
Chas. Lamb, bid not totaled.

BIDS OPENED

PYRAMID LAKE PROJ., Nevada.—California Corrugated Culvert Co., 5th and Parker Sts., Berkeley, Cal., submitted the only bid to the U. S. Indian Irrigation Service, Los Angeles, at $2.66 ft., total $2979.20, for furnishing 1120 ft. metal flume for Pyramid Lake project, Federal Project No. 603, fob West Berkeley; discount, ½ of 1% 10 days. Invitation No. 0351.

BIDS OPENED

SAN FRANCISCO. — Johns-Manville Sales Corp., 118 New Montgomery St., at $4,278.96 submitted only bid received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1691, for furnishing 4- 6- and 8-in. asbestos cement water pipe.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-87, for furnishing approximately 4,000 c.y. of transit-mixed concrete for use in the construction of Seacoast Defenses, f.o.b. Fort Funston, San Francisco:
John Cassaretto Co.—(1) $9.45; Class A; (2) $9.30, Class B; (bid does not meet specifications).
Bode Gravel Co.—(1) $10.15; (2) $9.75.
Golden Gate Atlas Materials Co.—(1) $9.58; (2) $9.40.
Readymix Concrete Co., Ltd.—(1) $9.65; (2) $9.50. 0

BIDS OPENED

SAN FRANCISCO.—Loop Lumber Co., Central Basin, at $481.80, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, San Francisco, under Bid No. 868-37-79, for furnishing 14,800 ft.b.m. Douglas fir lumber, No. 2, common, f.o.b. Pier 3½, San Francisco waterfront.

Smith Lumber Co., at $504, submitted the only other bid.

CONTRACT AWARDED

OAKLAND, Calif.—Neptune Meter Co., 320 Market St., San Francisco, at $3,688.94, awarded contract by the East Bay Municipal Utility District, Oakland, under Proposal No. 812, for furnishing miscellaneous trident meter parts.

BIDS OPENED

PYRAMID LAKE PROJECT, Nevada.—Bids for furnishing 30 treated douglas fir piles, 40-ft. lengths, f.o.b. bidder's shipping point for Pyramid Lake Project, Nevada, were opened by the U. S. Indian Irrigation Service, Los Angeles, under Invitation No. 0350. The bids were:

J. H. Baxter & Co., $23.60 ea.; $708 f.o.b. Long Beach; delivery 5 days.

Chas. H. McCormick Lbr. Co., $16.80 ea.; $504 f.o.b. St. Helens, Ore.; delivery 30 days.

Forest Products Treating Co., 53c lin. ft.; $636 f.o.b. The Dalles, Oregon; delivery 10 days.

West Coast Wood Preserving Co., $15.40 ea.; $462 f.o.b. cars Seattle; delivery 2 weeks.

BIDS OPENED

SACRAMENTO, Sacramento Co., Calif.—California Corrugated Culvert Co., Fifth & Parker, Berkeley, at $1,832.52, submitted low bid to Major Arthur W. Parker, Constructing Quartermaster, Sacramento Air Base, under Bid No. 6870-37-5, for furnishing:
(1) Six 72-in. diam., 16-ft. CMP culverts;
(2) Four 72-in. diam., 18-ft. culverts;
(3) Band couplings for 72-in. culverts.

Complete bids follow:
California Corrugated Culvert Co., Berkeley—(1) $164.48 each; (2) $185.04; (3) $17.58 each; grand total, $1,832.52; discount, ½% 20 days, net 30 days; delivery f.o.b. Ben Ali, delivery in 6 days.
Western Pipe & Steel Co., San Francisco—(1) $165.28; (2) $185.94; (3) $17.68; grand total, $1,841.52; discount, ½ of 1%, 20 days; delivery immediately f.o.b. Ben Ali.

BIDS OPENED

SACRAMENTO, Sacramento Co., Calif.—Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-110, for furnishing 5,453 ft. lumber and 425 split redwood fence posts, f.o.b. Rio Vista:

Friend & Tenny Lbr. Co., Sacramento—(1) $265.23; (2) $136.75; 2% 30 days.

Knox Lbr. Co., Sacramento—(1) $295.52; (2) no bid; 2% 10th prox.

Sienna Mill & Lbr. Co., Sacramento—(1) $265.23; (2) $136.75; 2% 10 days.

Stockton Lbr. Co., Stockton—(1) $220.30; (2) no bid; net.

Noah Adams Lbr. Co., Oakland—(1) $254.12; (2) $128.75; 2% 10 days.

Diamond Match Co., Sacramento—(1) $234.79; (2) $135.75; 2% 30 days.

CONTRACT AWARDED

SAN FRANCISCO.—Berkeley Steel Const. Co., 2nd and Camelia, Berkeley, at $3,390 (Proposal A), awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1671, for furnishing and delivering 72-in. steel plate conduit lines for O'Shaughnessy Dam.

CONTRACT AWARDED

LOS ANGELES, Calif.—Daugherty Lumber Co., at $6,958 awarded contract by S. A. Joseph, Purchasing Agent, Metropolitan Water Dist., Los Angeles, for furnishing 500,000 bd. ft. 6x8-in. x 12-ft. and up structural rough douglas fir. The other bids were:
Chapman Lumber Co.....$7,105
Hammond Lumber Co..... 8,330
MacDonald & Bergstrom..... 8,820
Bid No. 73644.

Reinforcing Bars and Mesh

BUILDING SPECIALTIES

Bull Dog Floor Clips and Anchors
CABOTS Insulating Quilt
SISALKRAFT Concrete Curing and Building Paper
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Weatherproof Paints - Creosote Shingle Stains
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GUNN, CARLE & CO.

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GUNN, CARLE & CO. MANUFACTURERS' AGENTS BUILDING MATERIALS

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SACRAMENTO. — Until November 30, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Building, Sacramento, under Bid No. 1105-37-113, for the rental of two automobile trucks for use in Sacramento Valley and Sierra Nevada foothills.

Bids will be taken as follows:
(1a) One automobile truck for 30 days;
(1b) Price per mile charged for each mile over a daily minimum of 50 miles; 900 miles.
(2a) One automobile truck for 30 days;
(2b) Price per mile charged for each mile over an average daily minimum of 50 miles; 900 miles.

Delivery f.o.b. Sacramento.

Specifications obtainable from the above office.

FORT MASON.—Until December 9, 10 a.m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-43, for furnishing 13 circuit breakers, 300 amperes, 125/250 volts, D.C., two-pole, etc.

Delivery f.o.b. Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until December 8, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid 868-37-89, for furnishing miscellaneous fittings and electric supplies.

Delivery f.o.b. Pier 20, San Francisco waterfront.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until December 7, 11 a.m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-46, for furnishing 100 c.y. ready-mixed concrete; f.o.b. Letterman General Hospital.

Specifications obtainable from the above office.

SACRAMENTO. — Until December 8, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-116, for the rental of equipment as follows:
(1) One portable air compressor for use at the Narrows Dam site, for 4 months;
(2) One portable air compressor for use at the North Fork Dam site, for 2 months.

Specifications obtainable from the above office.

FORT MASON.—Until December 7, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-178, for furnishing 8,500 ft.b.m. Douglas Fir, No. 2 common lumber.

Specifications obtainable from the above office.

SACRAMENTO. — Until December 7, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-115, for furnishing and delivering 400 tons of Oroville cobbles.

Delivery f.o.b. truck to U. S. Engineers along the easterly bank of Sacramento River at Colusa Weir, approximately 2.5 mi. upstream from Colusa.

Specifications obtainable from the above office.

FORT MASON.—Until December 7, 10 a.m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-45, for furnishing wiremold shallow box receptacles, wire, galvanized conduit, receptacles, wire solder, toggle bolts, wood screws, electric drill, etc.

Delivery f.o.b. Bldg. No. 59, Letterman General Hospital.

Specifications obtainable from the above office.

FORT MASON. — Until December 10, 10 a.m. (date postponed from November 30, previously reported), bids will be received by Major John W. Thompson, Assistant Superintendent of Army Transport Service, San Francisco Port of Embarkation, Ft. Mason, under Bid No. 928-37-9, for furnishing the following equipment for the U. S. A. T. "St. Mihiel":
(1) 12 winches, suitable for ½-inch dia. 6x19 wire rope, fitted with 115-volt direct current motors for each pair of winches;
(2) 12 sets of blocks consisting of two double upper and two single lower;
(3) 5,500 feet ½-in. wire rope, 6x19 galv. high grade plow steel.

For the U. S. A. T. "U. S. Grant":
(4) 16 winches, suitable for ½-inch dia. 6x19 wire rope;
(5) 16 sets of blocks, consisting of two double upper and two single lower;
(6) 9,000 feet wire rope, ½-inch dia., 6x19 galv. high grade plow steel.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until December 10, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-93, for furnishing paints, varnish, turpentine, enamel, etc.

Delivery f.o.b. San Francisco waterfront.

Specifications obtainable from the above office.

FORT MASON. — Until December 15, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-184, for furnishing one power and auxiliary lighting plant outfit, consisting of an electric generator, marine type; one switchboard; auxiliary light & power panel; battery charging control panel; and one spark arrester type silencer.

Delivery f.o.b. U. S. Army Transport Dock, Fort Mason.

BONNEVILLE PROJECT, Ore.—Until December 29, 3 p.m., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, for furnishing 480-volt distribution units for installation in the Bonneville Project, including battery charging switchboard, lighting switchboard, 4 power cubicles, 8 power cabinets, 6 heater cabinets, 2 light and power cubicles, etc.

Delivery f.o.b. cars factory shipping, for shipment on government bills of lading.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Dec. 7, 2 P. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-47, for furnishing 400 sacks of portland cement.

Delivery fob Fort Baker.
above office.

SAN FRANCISCO.—Until Dec. 8, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-88, for furnishing wire rope, valves, fittings and miscellaneous hardware.

Delivery fob Pier 27, San Francisco waterfront.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Dec. 8, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-90, for furnishing pipe, valves, fittings and miscellaneous hardware.

Delivery fob Pier 3½, San Francisco waterfront.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE. — Until December 17, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3203, for furnishing 60,000 bbls. Bunker "C" fuel oil, delivered at Balboa, Canal Zone.

Specifications obtainable from the above office and from the Assistant Purchasing Officer, The Panama Canal, Fort Mason.

PANAMA CANAL ZONE. — Until December 18, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3202, for furnishing miscellaneous materials and equipment, including: Electric Freight Elevator, Ptg. Plant Equipment, P. O. Lock Boxes and Drawers, Rubber Stamp Outfit, Knife Switches, Hose Gate Valves, Cork Covering for Pipe and Fittings, Sheet Copper, Tagboard, and Gate Valves (for motor operation).

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason.

PANAMA CANAL ZONE. — Until December 8, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3201, for furnishing 60,000 bbls. fuel oil, bunker "C," delivered at Cristobal.

Specifications obtainable from the above office and from the office of the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for the rental of equipment for use on WPA projects, as follows:

DECEMBER 7, 10 A. M.:

BID NO. 2931: One flat bed truck, 1½-tons or over but less than 3 tons, equipped as station wagon with seating capacity for 8 men; fob Wildcat Canyon Road, 2.5 miles east of Spruce Street and Grizzly Peak Blvd., Berkeley;

BID NO. 2943: One 40-h.p. diesel tractor, equipped with bulldozer and power scarifier; fob Wildcat Canyon Road, 2.5 miles east of Spruce St. and Grizzy Peak Blvd. Berkeley;

BID NO. 2944: One concrete mixer, No. 10-S, mounted on wheels, 4 or 6 cylinder radiator cooled gas engine, water measuring tank & vibrating self-loading skip; fob Old Stadium, Golden Gate Park;

BID NO. 2942: One truck, equipped with 1000-gal. water tank and road sprinkler attachment; either 1½- or 2- or 2½-ton; fob Wildcat Canyon Road, 2.5 miles east of Spruce St. and Grizzly Peak Blvd., Berkeley.

DECEMBER 8, 10 A. M.:

BID NO. 2945: One 30- to 40-h.p. diesel tractor, with bulldozer, scraper and scarifier; fob O'Shaughnessy Extension, Teresita and Encline, San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Dec. 7, 10 A. M., bids will be received by Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

BID NO. 2947: 28.5 c.y. plaster sand and 100 c.y. concrete mix aggregate; fob Richmond;

BID NO. 2949: Douglas fir, pressed wood, cedar and oak, lumber; fob 2223 Fulton St., Berkeley.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until December 8, 10 a.m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for the rental of equipment for use on WPA projects, as follows:

BID NO. 2946—One air compressor, 210 c.ft. air delivery capacity; f.o.b. O'Shaughnessy Extension, Teresita and Encline Streets, San Francisco.

BID NO. 2952—One trencher, capable of digging trench to a maximum depth of 22 ft., and maximum width of 5 ft.; f.o.b. trenchsite, San Jose.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until December 7, 10 a.m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2923, for furnishing 50 manhole rings and covers.

Delivery f.o.b. trenchsite, San Jose.

Specifications obtainable from the above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND. — Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

December 7, 2 P. M.

BID NO. 4088—36 aluminum shut-off type Siamese units; 100 plain type fire hose nozzles; 24 shut-off type discharge nozzles; 6 shut-off type discharge nozzles; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4087—48 fanno, long-handled pruning saws; 48 extension handles, 8 ft. long; 48 extension handle couplers; f.o.b. bidder's shipping point and/or Government Island.

December 8, 2 P. M.

BID NO. 4103—42 ft. CMP culvert; f.o.b. bidder's shipping point and/or San Jose.

BID NO. 4099—6 portable power-driven, type B grinders; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

SACRAMENTO CITY

SACRAMENTO, Calif.—Until Dec. 10, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing electrical motors and starters for repairs and replacements in paving plant for the Street Maintenance Division.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until Dec. 10, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing one road roller for the Division of Streets.

Specifications obtainable from the above office.

OAKLAND CITY

OAKLAND, Alameda Co., Calif.—Until December 8, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the rental of concrete mixers, air compressors, and dump trucks, for use on WPA projects and for the Street Department, for the period of January 1, 1937, to June 30, 1937.

Specifications obtainable from the above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until December 7, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1702, for furnishing metal beds and wooden chairs for the Fire Department.

Specifications obtainable from the above office.

PLUMAS COUNTY

QUINCY, Plumas Co., Calif.—Until December 7, 10 a.m., bids will be received by the Plumas County Board of Supervisors, John Donnenwirth, County Clerk, Court House, Quincy, for furnishing a 1½-ton dump truck with snow plow.

Specifications obtainable from the office of the Clerk.

SANTA CLARA COUNTY

SAN JOSE, Santa Clara Co., Calif.—Until December 7, 8 p.m., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for furnishing a new gasoline motor-driven pick-up sweeper.

Specifications obtainable from the above office.

RECLAMATION BUREAU

YAKIMA PROJECT, Wash.—Until December 21, 2 p.m., bids will be received by the Bureau of Reclamation, Custom House, Denver, under Spec. No. 857-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Easton, Washington, one 50 ft. by 8 ft. radial gate and gate hoist for installation in the spillway at the Kachess Dam, Yakima Project, Washington. The gate and hoist will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $1.00, not returnable.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

LATHE, motor-driven engine; Mare Island. Sch. 9353; Dec. 4.

CLIPPERS, 60 bolt; Mare Island. Sch. 9387; Dec. 8.

SCRAPERS, ship; 4,600, Mare Island; 2,000, Puget Sound. Sch. 9354; Dec. 8.

PIPE, aluminum alloy; Mare Island. Sch. 9389; Dec. 8.

HEATERS, water; 52; Mare Island. Sch. 9370; Dec. 8.

JACKS, Mare Island. Sch. 9388; December 8.

STEEL, sheet, 30,000 lbs.; Mare Island. Sch. 9371; Dec. 8.

GRINDERS, motor-driven floor type dry double, 5; Mare Island. Sch. 9373; Dec. 8.

MILLING machine; motor-driven; Mare Island. Sch. 9345; Dec. 8.

JOINTS, 500 steel universal joints; Mare Island. Sch. 9395; Dec. 11.

REFRIGERATORS, portable, electric, 8; Mare Island. Sch. 9413; Dec. 11.

REFRIGERATORS, portable, electric, 3; Mare Island. Sch. 9405; Dec. 11.

Information obtainable from the above office and from headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until December 14, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1705, for furnishing concrete meter boxes, frames and lids for the S. F. Water Department, for the term, January 1 to December 31, 1937.

Specifications obtainable from the above office.

U. S. BUREAU OF PRISONS

ALCATRAZ Penitentiary, Calif.—Until December 8, 2 P. M., bids will be received by the Bureau of Prisons J. A. Johnston, Warden, Alcatraz Penitentiary, for furnishing 1 steam regulating valve, angle pattern, cast iron with F and D flanges size 8-in.

Alternate bids will be received for delivery in one day, five days, 15 days and 30 days.

Delivery fob Dock No. 1, Fort Mason, San Francisco.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS OPENED

SANTA BARBARA CO., Calif.—Robert D. Paterson, 1911 San Andres St., Santa Barbara, at $5,388.50, submitted low bid to the State Division of Highways, L. H. Gibson, istrict Engineer, San Luis Obispo, for the widening of a bridge across Zaca Creek, about 9 miles south of Los Alamos.

The work involves:
(1) 250 c.y. roadway excavation;
(2) 150 c.y. structure excavation;
(3) 2 c.y. broken stone (bituminous macadam);
(4) 0.3 ton liquid asphalt, 90-95;
(5) 120 c.y. Class A portland cement concrete (structures);
(6) 4 c.y. Class A portland cement concrete (rail):
(7) 12,000 lbs. bar reinforcing steel;
(8) ——
(9) 30 c.y. remove concrete;
(10) 140 l.f. temporary rail;
(11) One lot miscellaneous items of work.

Total bids follow:
(A) Robert D. Paterson, Santa Barbara $5,388.50
(B) L. A. Brisco, Arroyo Grande 6,382.50
(C) R. R. Bishop, Long Beach 6,432.50
(D) M. G. Torson Constr. Co., Long Beach 7,712.00

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 0.80	$ 1.00	$ 1.25	$ 2.00
(2)	2.00	2.00	3.00	5.00
(3)	4.00	6.50	10.00	25.00
(4)	35.00	65.00	100.00	40.00
(5)	26.00	28.00	26.00	35.00
(6)	80.00	55.00	100.00	95.00
(7)	.06	.09	.06	.07
(8)	5.50	10.00	10.00	5.00
(9)	2.50	5.00	6.00	7.00
(10)	.50	1.00	2.00	2.00
(11)	350.00	450.00	500.00	200.00

BIDS OPENED

SACRAMENTO, Calif. — Lord and Bishop, Native Sons Bldg., Sacramento, at $173,830 submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, for construction of an approach viaduct from 3rd Street to the I Street bridge over the Sacramento River, to connect with the Jibboom Street viaduct being constructed under supervision of the State Division of Highways.

The work involves:
(1) One existing approach to be removed and disposed of;
(2) 750 c.y. structure excavation;
(3) 3,200 c.y. imported borrow;
(4) 950 sq. yds. subgrade for pavement;
(5) 190 c.y. Class A portland cement concrete pavement;
(6) 350 pavement dowels;
(7) 270,000 lbs. bar reinforcing steel;
(8) 1,740 c.y. Class A portland cement concrete structures;
(9) 1,063,000 lbs. structural steel;
(10) 4,150 lbs. cast steel;
(11) 2,150 l.f. pipe handrailing;
(12) 16,800 l.f. treated Douglas fir piles, including test piles (furnishing);
(13) 334 treated Douglas fir piles, including test piles (driving);
(14) 120 c.y. Class A portland cement concrete, curbs, gutters, and sidewalks;
(15) One lot alterations.

Total bids follow:
(A) Lord and Bishop, Sacramento, $173,830.
(B) Geo. Pollock Co., Sacramento, $174,681.
(C) M. B. McGowan, Inc., San Francisco, $184,467.

Unit bids follow:

	(A)	(B)	(C)
(1)	$	$	$ .....
(2)	.....	.....	.....
(3)	2.25	2.00	.90
(4)	1.00	.70	.75
(5)	.25	.10	.10
(6)	12.00	13.50	10.00
(7)	.30	.30	.20
(8)	.05	.055	4.25*
(9)	19.00	22.00	13.00
(10)	.066	.075	.06
(11)	.12	.18	.15
(12)	6.00	8.00	7.00
(13)	.60	.50	.66
(14)	18.00	15.00	15.00
(15)	19.00	18.00	15.00

*Bid per 100 lbs.

A grant of $72,500 was recently approved by the PWA to supplement $91,540 in city funds to finance construction.

BIDS WANTED

BAKER CO., Oregon.—Until December 17, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for construction of approximately 0.18 mile roadway grading and surfacing and the construction of a bridge approximately 192 feet long over the Powder River, on the Miles Bridge Section of the Medical Springs Secondary Highway in Baker County.

The work involves 200 c.y. structural excavation; 110 c.y. concrete; 14,000 lbs. metal reinforcement; 34 MFBM treated lumber; erection of a 70-ft. steel pony truss; 3,000 cu. yds. gravel embankment, and salvaging 250 c.y. surfacing materials.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.00 per set.

CAPITAL CITY TITLE COMPANY

J. C. PALEN.
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

SANTA CRUZ CO., Cal.—Until December 7, 2:30 P. M., bids will be received by the Santa Cruz County Board of Supervisors, H. E. Miller, Clerk, Court House, Santa Cruz, for the construction of a reinforced concrete bridge, 108 ft. long with a 24-ft. roadbed, across Zayante Creek, near Felton Railroad Station, San Lorenzo Road District.

The work involves:
(1) 300 c.y. structure excavation, unclassified;
(2) 362 c.y. Class A concrete;
(3) 22 c.y. Class S concrete in railing
(4) 62,000 lbs. reinforcing steel;
(5) 900 l.f. Redwood timber piles, delivered;
(6) 36 piles, driven;
(7) Removal of old structure.

Plans and specifications obtainable from the office of County Surveyor Lloyd Bowman at a charge of $2.00.

BIDS OPENED

SAN BERNARDINO CO., Calif.—George Herz & Co., P.O. Box 191, San Bernardino, at $9,302.80, submitted low bid to the State Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, for the construction of a steel and concrete pedestrian overhead crossing at Maple and 7th Sts., Colton.

The work involves:
(1) 60 c.y. structure excav.;
(2) 12,000 lbs. bar reinforcing steel, in place;
(3) 85 c.y. class A Portland cement concrete, in place;
(4) 32,000 lbs. structural steel, in place;
(5) 70 lbs. cast steel, in place;
(6) 272 l.f. 2-in. standard pipe, in place;
(7) 2,600 sq. ft. wire mesh with frames;
(8) 1 lot drainage equipment, in place;
(9) 75 l.f. copper strips, in place.

Total bids follow:
(A) George Herz & Co., San Bernardino $9,302.80
(B) D. A. Loomis, Glendale....10,072.20
(C) E. S. & N. S. Johnson, Pasadena 10,458.50
(D) Contracting Engineers, Inc., Los Angeles (bid irregular) 12,642.50

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.50	$2.50	$1.50	$ 4.00
(2)	.048	.052	.05	.075
(3)	29.00	33.00	35.00	26.00
(4)	.13	.145	.15	.20
(5)	.30	.25	.30	.60
(6)	.40	.60	1.25	1.50
(7)	.62	.60	.60	.80
(8)	180.00	75.00	50.00	250.00
(9)	1.20	.50	.30	1.50

CONTRACT AWARDED

SANTA BARBARA CO., Calif.—Robert D. Paterson, 1911 San Andres St., Santa Barbara, at $5,388.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the widening of a bridge across Zaca Creek, about 9 miles south of Los Alamos.

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—George Herz & Co., P.O. Box 191, San Bernardino, at $7,975.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of a reinforced concrete box culvert at Sand Creek, about 3 miles east of San Bernardino.

CONTRACT AWARDED

HUMBOLDT CO., Calif.—H. A. Anderson, Rio Dell, at $2,460, submitted low bid and awarded contract by the Humboldt County Board of Supervisors, Fred M. Kay, County Clerk, Eureka, for the construction of a bridge over Freshwater Slough in District No. 4.

Complete bids follow:

H. A. Anderson, Rio Dell.....$2,460.00
Mercer-Fraser Co., Eureka..... 2,900.00
W. S. Selvage, Eureka..... 3,432.50

BIDS WANTED

SAN FRANCISCO.—Until Dec. 8, 2 P. M., bids will be received by P. C. Brown, Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 948, for furnishing 45-ft. simple beam structural steel span, for Balch Road Bridge No. 1.

Delivery fob bidder's shipping point and/or Fresno.

22— DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

DOUGLAS CO., Oregon.—Kern & Kibbe, 42 SE Salmon, Portland, at $939,405, awarded contract by the U. S. Engineer Office, First Portland District, under Bid No. 698-37-132, for repairing and extending the south jetty at the mouth of the Umpqua River, Douglas County, requiring the construction and repair of tramways and the furnishing and placing of about 500,000 tons of stone and 9,200 tons of asphaltic concrete binder.

Engineer's estimate for the work was $958,048.

BIDS WANTED

NAPA CO., Calif.—Until December 28, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-85, for dredging and disposing of about 171,141 c.y. of material in Napa River.

The work has been divided into four sections, as follows:

Section "A"—Dredging the channel in Napa River, from a point about 200 ft. northerly from Buoy 3, near Goodluck Point, upstream for a distance of about 1,800 ft., 100 ft. wide on the bottom, to a depth of 10 ft. at mean lower low water (mud):

Section "B"—Dredging an area about 1,050 ft. long and of a maximum width of about 150 ft. on the bottom, located in and adjoining the channel in Napa River, at Horseshoe Bend, to a depth of 10 ft. at mean lower low water (mud and gravel);

Section "C"—Dredging an area about 1,220 ft. long and of a maximum width of about 290 ft. on the bottom located in and adjoining the channel in Napa River, at Carr Bend, to a depth of 10 ft. at mean lower low water (mud, clay and gravel);

Section "D"—Dredging the channel in Napa River, from a point about 1,000 ft. downstream from the Napa Tannery Wharf upstream for a distance of about 6,300 ft. to the Third St. Bridge, 75 ft. wide on the bottom to a depth of 10 ft. at mean lower low water, with a widening for a length of about 900 ft. from the bend opposite the said Tannery Wharf to and around Jack's Bend, so as to make a total channel width of from 150 feet to 250 feet on the bottom in said section, 10 ft. deep at mean lower low water; (channel: mud, gravel, and trash; widening: clay, gravel, loam, and trash).

Plans and specifications obtainable from the above office.

BIDS WANTED

EMPIRE, Ore.—Until Dec. 14, bids will be received by the Public Works Officer, Puget Sound Navy Yard, under Spec. No. 8346, for the construction of a retaining wall and groin at the Naval Radio Station, Empire, Ore. Estimated cost, $10,500.

Plans and specifications obtainable from the above office.

24—STREET LIGHTING

BIDS WANTED

SAN FRANCISCO.—Until Dec. 10, 3 P. M., lump sum bids will be received by the Public Utilities Commission, Room 287, City Hall, under Electrical Power Bureau Contract No. 20, for the construction of a street lighting system on Taylor St. between Market and Post Streets.

The work involves:

(1) erection of 50 standards.
(2) 100 transformers;
(3) 10,300 ft. primary cable;
(4) 100 luminaries;
(5) 3,800 ft. 1½-in. black conduit.

Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of $10.00.

BIDS WANTED

SAN FRANCISCO.—Until Dec. 10, 3 P. M., lump sum bids will be received by the Public Utilities Commission, Room 287, City Hall, under Electrical Power Bureau Contract No. 18, for the construction of a street lighting system on Anza St. from Parker Ave. to Arguello Blvd.

The work involves:

(1) 9 electroliers, complete;
(2) 1,050 ft. 1½-in. primary cable;
(3) 3,000 ft. primary cable;
(4) 4 pull boxes.

Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of $10.00.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

SAN FRANCISCO.—York Ice Machinery Corp., 234 Ninth St., at $1,624, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1675, for furnishing refrigeration equipment for San Francisco Hospital.

BIDS OPENED

LOS ANGELES.—Bids for furnishing electric motor driven vertical screw and horizontal centrifugal pumping units, Spec. X-67, were opened by D. P. Nicklin, Purchasing Agent, Nov. 23. The bids were taken as follows:

(1) 1 only 2250 GPM unit;
(2) 2 only 5000 GPM units;
(3) 1 only 18,000 GPM unit
(4) 2 only 18,000 GPM units (two speeds;
(5) 1 only vertical screw propeller type, 18,000 GPM unit.

F.o.b. site of Fletcher Drive Pumping Station.

Fairbanks, Morse & Co.—(1) $1434; (2) $3169.50 ea.; alt. $3744.00 ea.; (3) $6132; alt. $7459; (4) $7563 ea.; (5) $3910 ea.; discount for combined award, 3%. Terms, net. Shipment from point outside California; part inside and part outside.

Dayton-Dowd Co., Quincy, Ill.—(1) $1454; (2) $3627 ea.; (3) $5822; (4) no bid; (5) no bid. Discount for combined award, 2%. Terms, net. Shipment will be made from point outside California.

Pacific Pump Works, Huntington Park—(1) $1516.76; (2) $2217 ea.; alt. $2253 ea.; alt. $2293 ea.; alt. $2402 ea.; (3) no bid; (4) no bid; (5) no bid. Discount for combined award, none. Terms, net. Will NOT be shipped direct from point outside California.

De Laval Steam Turbine Co., Trenton, N. J.—(1) $1460; (2) $3801 ea.; (3) $7692; (4) $10,812 ea.; (5) $7446. Discount for combined award, none. Terms, net. Shipment from point outside of California.

Ingersoll Rand Co., Los Angeles—(1) $1677; (2) $3431 ea.; (3) $7597; (4) $10,410 ea.; (5) no bid. Discount for combined award, none. Shipment from point outside California.

Worthington Co., Inc., Los Angeles.—(1) G. E. $1931; Westinghouse $1796; Ideal $1746; (2) G. E. $4298.50 ea.; Westinghouse $4389 ea.; Ideal $3952 ea.; (3) G. E. $7062; Westinghouse $7047; Ideal $6647; (4) G. E. $9848 ea.; Westinghouse $9848 ea.; Ideal $8723 ea.; (5) G. E. $6712; Westinghouse $6662; Ideal $6251. Discount for combined award, 5%. Terms, net. Shipment from point outside California.

United Iron Works, Los Angeles—(1) $1570; (2) G. E. $3572.50 ea.; Westinghouse $3636.50 ea.; Electric Machinery Co., $3644 ea.; (3) no bid; (4) no bid; (5) no bid. Discount for combined award, none. Terms, net. Shipment will NOT be made from point outside California.

Byron-Jackson Co., Los Angeles—(1) $1843; alt. $1928; alt. $1853; (2) Ideal $4027 ea.; alt. G. E. $4126 ea.; Westinghouse $4126 ea.; alts.: $4421 ea. and $4520 ea.; (3) Ideal $7194; G. E. $7242; Westinghouse $7242; El. Mchy. Co. $7242; alts.: $7402, $7454, $7454; (4) Ideal $9466 ea.; G. E. or Westinghouse $10,082 ea.; (5) no bid. Discount for combined award. Terms, net. Shipment will NOT be made from point outside California.

BIDS OPENED

SACRAMENTO, Cal.—Kuhn Bros., Inc., 408 Center Street, Manhattan Beach, submitted low bid to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-112, for furnishing and operating one dragline excavator on bank grading and miscellaneous work at varous places along the Sacramento River from Colusa to Knights Landing.

Bids were taken as follows:

Sch. 1—Rate per hour for time dragline bucket is actually at work excavating material;

Sch. 2—Rate per hour for time during which dragline is held idle on the work during working hours;

Sch. 3—Rate per hour for moving dragline from one job to another;

Sch. 4—Cost of delivering the dragline to the Government at Wilson's and for removal therefrom at termination of contract.

Complete bids follow:

Kuhn Bros., Inc., (1) $6.95; (2) $6.95; (3) $6.95; (4) $200; delivery in 5 days; no discount.

Ajax Dredging Co.: (1) (2) (3) $8 each; (4) $200; delivery in 5 days; no discount.

T. M. Morgan, Sacramento: (1) $9; (2) $6; (3) $9; (4) $500; delivery in 5 days.

Delta Dredging Co.: (1) $10; (2) $6; (3) $10; (4) $300; delivery in 5 days.

BIDS OPENED

BOULDER CITY.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 855-D, for furnishing equipment for installation in the Boulder Power Plant:

(1) Four 2,667-kv-a 16,500/34,500-volt auto transformers;
(2) Potential and current metering transformers;
(3) One 23,000 - volt disconnecting switch;
(4) One outdoor meter and relay cabinet.

Westinghouse Elec. & Mfg. Co., Denver—(1) $20,423; (2) $3,134; (3) $286; (4) $910.

General Electric Co., Schenectady—(1) $20,440; (2) $3,006 (2 alt., $2,-862); (3) $276; (4) $864.
Allis-Chalmers Mfg. Co., Milwaukee—(1) $20,108; (2) $3,098.
R. E. Uptegraff Mfg. Co., Pittsburgh—(1) $15,840; (2) $2,472.
Maloney Elec. Co., St. Louis—(1) $19,810.
Pennsylvania Transformer Co., Pittsburgh—(1) $19,788.
Wagner Elec. Corp., St. Louis—(1) $19,356.
Kuhlman Elec. Co., Bay City, Mich.—(1) $22,116.
American Transformer Co., Newark—(1) $19,231.
Standard Transformer Co., Warren, Ohio—(2) $2,752.
Royal Elec. Mfg. Co., Chicago—(3) $230; discount, 1%.
Electric Power Equipment Co., Philadelphia—(3) $276.
High Tension Co., Inc., Phillipsburg, N. J.—(3) $266 (3 alt., $234); discount, 1%.
Hi-Voltage Equipment Co., Cleveland—(3) $276.
Pacific Electric Mfg. Corp., San Francisco—(3) $266.
Bowie Switch Co., San Francisco—(3) $266;
Delta-Star Elec. Co., Chicago—(3) $276.
Electrical Engineers Equipment Co., Melrose Park, Ill.—(3) $276.
Graybar Elec. Co., Denver—(3) $276.
Railway & Industrial Engineering Co., Greensburg, Pa.—(3) $276.

All bids f.o.b. Boulder City; all bids net unless otherwise noted. •

BIDS OPENED

SAN FRANCISCO.—Following bids received by the Procurement Office, Treasury Department, Foom 514, 49 Fourth St., San Francisco, under Bid No. 2915, for the rental of one 1½-ton flat bed truck for use on WPA project, f. o. b. Yacht Harbor and Aquatic Park, foot of Bancroft Way, Berkeley:

Lerer Bros., 375 11th St.—$0.395 per hour; 2% 20 days; delivery Dec. 3.

Alexander Bros.—$0.47 per hour; net; delivery in 5 days.

Bruno Skibo, Oakland—$0.49 per hour; net; delivery immediately.

Evans Auto & Truck Rental, S. F.—$0.60; net; delivery immediately.

Conway & Lauricelle—$0.60; net; delivery immediately.

Joseph Garfinkle, Oakland—$0.75; net; delivery immediately.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., under Bid No. 2914, for the rental of one 40-hp. tractor, equipped with angle bulldozer, for use on WPA project, f.o.b. San Andreas Quarry, 1/3 mile below Skyline Blvd. on Millbrae Skyline Road.

Trimble—$4.50 per hour; net; delivery in 1 day.

Geo. F. Wondersley—$4.70 per hr., moving charge $20 each way; delivery in 1 day; net.

Gerun Bros.—$6.50 per hour; net; delivery in 5 days.

29— STREETS AND HIGHWAYS

HICKAM FIELD, T. H.—James W. Glover, Honolulu, T. H., at $136,110, as previously reported, submitted low bid and awarded contract by Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. 397-37-8, for the construction of roads (second phase) at Hickam Field.

Bids were taken as follows:

(I)—Work complete, construct and complete subgrading and base course on roads;
(II)—(Alt.) Deduct for omission of work indicated as Alternate "A" (parts of Julian and Worthington Ave.);
(III)—(Alt.) Deduct for omission of work indicated as Alternate "B" (17th St. and part of Porter Avenue);
(IV)—Unit prices:
(1) Excav., general, unclas., per c.y.;
(2) Excav., trench, unclass., per c.y.;
(3) Graded and compacted base course, 4 in. thick, per sq. yd.;
(4) 8-in. concrete or clay drain pipe, per l.f.;
(5) 12-in. concrete or clay drain pipe, per l.f.;
(6) 18-in. concrete or clay drain pipe, per l.f.;
(7) Fuel oil, applied, per sq. yd.;
(8) Fuel oil, delivered (in manufacturer's drums), per gal.;
(9) Electric duct, 2-way, in concrete, per duct ft.;
(10) Electric duct, 3-way, in concrete, per duct ft.;
(11) Electric duct, 4-way, in concrete, per duct ft.;
(12) 3-inch galvanized wrought-iron pipe, per l.f.;
(13) Crushed stone, for base, stockpiled, per c.y.;
(14) Overhaul, over or under distances stated, per sta. c.y.;
(15) Header boards, 3x4-in., per l.f.;
(16) Catch basins, each;
(17) Concrete curb, per l.f.;
(18) Concrete curb and gutter, per lin. ft.

Total bids follow:

(A) James W. Glover, Honolulu—(I) $136,110; (II) $4,500; (III) $6,450.
(B) Moses Akiona, Honolulu—(I) $139,000; (II) $5,329; (III) $6,774.
(C) Hawaiian Contracting Co., Ltd., Honolulu—(I) $151,245; (II) $6,-000; (III) $7,000.
(D) Marks Constr. Co., Honolulu—I) $154,500; (II) $7,500; (III) $8,000.
(E) E. E. Black, Ltd., Honolulu—(I) $164,697.60; (II) $7,600; (III) $10,-645.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$0.475	$0.35	$0.285	$0.40	$0.68
(2)....	2.00	2.00	2.00	2.00	.90
(3)....	.33	.42	.68	.45	.47
(4)....	1.00	1.00	.70	1.00	.75
(5)....	1.50	1.40	1.10	2.00	1.25
(6)....	2.50	2.60	2.45	3.00	2.50
(7)....	.063	.15	.09	.11	.087
(8)....	.12	.12	.135	.14	.127
(9)....	1.05	1.41	.95	1.20	1.42
(10)....	1.35	1.86	1.30	1.65	1.81
11)....	1.60	5.89	1.70	2.00	2.27
(12)....	.65	1.00	.85	1.00	.88
(13)....	2.48	3.00	2.90	2.75	2.57
(14)....	.005	.005	.01	.01	.003
(15)....	.06	.08	.08	.07	.075
(16)....	85.00	45.00	82.00	70.00	71.50
(17)....	.50	1.35	.72	.72	.80
(18)....	.64	1.30	.72	.72	.735

LOW BIDDERS

LOS ANGELES CO.—United Concrete Pipe Corp., Box 1, Station H, Los Angeles, at $71,284, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 0.7 mile grading and paving with portland cement concrete in Los Angeles County on Atlantic Avenue, between 68th St. in Long Beach, and Olive Street.

The three low bids follow:

United Concrete Pipe Corp., Los Angeles $71,284.00
Griffith Co., Los Angeles..... 71,325.50
J. E. Haddock, Ltd., Pasadena 75,197.50

Complete bids will be published shortly. •

CONTRACT AWARDED

JACKSON CO., Oregon.—A. S. Wallace, Roseburg, at $37,584, awarded contract by the Oregon State Highway Commission, Portland, for furnishing 26,100 c.y. crushed rock or gravel in stockpile on the Eagle Point-Crater Lake Section of Crater Lake Highway. Bids were opened November 5 and held under advisement.

BIDS WANTED

SAN FRANCISCO.—Until December 16, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,950, for the improvement of sidewalk on the northerly half of Balboa St., between Third Ave. and 120 ft. east, and in 45 other locations. Estimated cost, $1,500.

The work will involve 5,000 sq. ft. one-course concrete sidewalk.

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall.

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at $2,396.50, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,992, for the improvement of Dearborn St. extension between Bird and 18th Streets.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on December 16:

V-Mon-56-E Bridge across Castro Canyon: PLANS (No. of Sheets) 8; (Cost) $.80; CROSS-SECTIONS (No. of sheets and cost) none; (total) $.80.

IX-Iny-127-E, F, bet. 3.5 miles east of Saline Valley Road and Panamint Sink: PLANS (No. of Sheets) 39; (Cost) $3.90; CROSS-SECTIONS (No. of Sheets) 326; (Cost) $32.60; (Total) $36.50.

Checks for the above should be made payable to the Departmnt of Public Works, Division of Highways, and should accompany requests for the above plans, specifications, and proposal form, to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until December 23, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 2.1 miles grading and surfacing with plant mixed surfacing in Los Angeles County between Azusa Ave. and San Gabriel River Bridge.

The work involves:

(1) 113 sta. clear and grub right of way;
(2) 1,500 M. gals. water;
(3) 15 c.y. remove existing concrete;
(4) 81,000 c.y. rdwy. excav., unclass.
(5) 1,920 c.y. struc. excav.;
(6) 4,500 c.y. ditch and channel excavation;
(7) 950,000 sta. yds. overhaul;
(8) 113 sta. finishing rdwy.;
(9) 34 tons liquid asph MC-2 (prime coat);
(10) 5,350 tons mineral agg. (plant mix surf.);
(11) 280 tons liquid asphalt MC-4 or MC-5 (plant mix surf.);
(12) 2,800 sq. yds. asph. paint binder
(13) 25,200 lbs. bar reinf. steel;
(14) 800 lbs. misc. iron and steel;
(15) 276 c.y. Class A portland cement concrete (struc.);
(16) 450 l.f. 8-in. CMP;
(17) 1,220 l.f. 24-in. CMP;

(18) 120 l.f. 30-in. CMP;
(19) 8 each spillway assemblies;
(20) 26 each culvert markers.

NOTE: The State will furnish corrugated metal pipe and embankment protectors as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. D. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

LOS ANGELES CO.—United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, at $71,284.20, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.7 mile grading and paving with portland cement concrete in Los Angeles County on Atlantic Ave., bet. 68th St. in Long Beach and Olive St.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until December 23, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.6 miles grading and surfacing with portland cement concrete in Los Angeles County between Playa St. and Washington Blvd.

The work involves:
(1) 85 sta. clear and grub right of way;
(2) 660 M. gals. water;
(3) 850 c.y. remove concrete;
(4) 17,400 c.y. rdwy. excav., unclass.
(5) 1,400 c.y. struc. excav.;
(6) 80,000 sta. yds. overhaul;
(7) 11,000 c.y. imported subgrade material;
(8) 24,000 sq. yds. preparing subgrade;
(9) 80 tons Grade E asphaltic cement (membrane seal);
(10) 85 sta. finishing dwy.;
(11) 3,100 sq. yds. asphaltic paint binder;
(12) 8 tons liquid asph. MC-2 (prime coat);
(13) 108 tons liquid asphalt MC-4 or 5 (plant mix surface);
(14) 2100 tons mineral aggregate (do)
(15) 30 tons liquid asph. SC-2 (prime coat);
(16) 360 tons liquid asphalt SC-2 (road mix surf. treatment);
(17) 30,000 sq. yds. preparing, mixing and shaping shoulders;
(18) 23,500 lbs. bar reinf. steel (pave. and struc.);
(19) 6,500 lbs. misc. iron and steel;
(20) 14,000 lbs. steel (rail assemblies)
(21) 4,630 c.y. Class A portland cement concrete (pave.);
(22) 9,600 each pavement dowels;
(23) 12 sections Type C pave. crossing devices;
(24) 130 c.y. Class A portland cement concrete (struc.);
(25) 180 l.f. 15-in. standard reinforced concrete pipe;
(26) 210 l.f. 18-in. do;
(27) 130 l.f. 24-in. do;
(28) 56 l.f. 30-in. do;
(29) 24 l.f. 42-in. do;
(30) 120 l.f. metal pipe, remove and salvage;
(31) 1,370 c.y. Class A portland cement concrete (curbs, gutters, and sidewalks);
(32) 900 l.f. curb armor;
(33) 30 l.f. laminated guard railing;
(34) 14 each manholes adjusted to grade;
(35) 12 each electroliers, moved and reset.

Plans and specifications obtainable from the office of the State Highway Engineer, P. D. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

HICKAM FIELD, T. H.—WATER SYSTEM—GOVT.

HICKAM FIELD, T. H. — E. E. Black, Ltd., Honolulu, T. H., at $150-370.75, as previously rported, submitted low bid and awarded contract by Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W 397-37-7, for the construction and completion of the second phase of the fresh water system, including steel standpipe and enclosure at Hickam Field.

Bids were taken as follows:
(I) Work complete, for the second phase of the fresh water system, includ. the steel standpipe with concrete enclosure and all utilities thereto;
(II) (Alt.) Add or deduct from Item (I) if asbcstos-cement composition pipe is used in lieu of cast iron pipe;
(III) (Alt.) Add or deduct from Item (I) if centrifugally cast, reinforced concrete pipe is used in lieu of cast iron pipe;
(IV) (Alt.) Add or deduct from Item (I) if street washers are used in lieu of spring loaded valves;
(V) Unit prices: (Note—Unit price on pipe shall be for pipe in place, less excavation and backfill).
(IV-a) (Alt.) Add or deduct if caulk and rivet, AISC Spec. is used in lieu of rivet and weld;
(1) Unclassified excav., per c.y.;
(2) Unclassified trench excav., per c.y.;
(3) Backfill, in trenches, per c.y.;
(4) 12-in. cast iron pipe, per l.f.;
(5) 8-inch do;
(6) 6-inch do;
(7) 4-inch do;
(8) 2-inch do;
(9) 12-inch asbestos - cement pipe, per l.f.;
(10) 8-inch do;
(11) 6-inch do;
(12) 4-inch do;
(13) 12-inch centrifugally cast reinforced concrete pipe, per l.f.;
(14) 8-inch do;
(15) 6-inch do;
(16) 4-inch do;
(17) 12-inch gate valves, each;
(18) 8-inch do;
(19) 6-inch do;
(20) 4-inch do;
(21) 2-inch do;
(22) Cast iron fittings and specials, per lb.;
(23) Concrete, per c.y. (1500-lb. test at 28 days, including forms);
(24) Concrete, per c.y. (2000-lb. test at 28 days, including forms);
(25) Concrete, per c.y. (3000-lb. test at 28 days, including forms);
(26) Reinforcing steel, per ton;
(27) Spring loaded valves, each;
(28) Street washers, each;
(29) 2-in. galv. iron pipe, per l.f.;
(30 1½-inch do;
(31) 1¼-inch do;
(32) Galvanized iron fittings, per lb.
(33) 1¼-inch corporation cocks, ea.;
(34) 6-inch fire hydrants, each;
(35) 4-inch do;
(36) Valve boxes, each;
(37) Concrete rings, each.

Total bids follow:

(A) E. E. Black, Ltd., Honolulu: (I) $150,370.75; (II) Ded., $5,088.08; (III) Ded. $3,376.88; (IV) Ded. $330; (IV-a) Ded. $2,400.

(B) Jas. W. Glover, Honolulu: (I) $164,223; (II) Ded. $1,500; (III) Ded. $1,200; (IV) Ded. $26.50; (IV-a) Deduct $1,000.

(C) Moses Akiona, Honolulu: (I) $179,000; (II) Ded. $10,000; (III) Ded. $4,000; (IV) Ded. $100; (IV-a) no change.

(D) John Hansen, Honolulu: (I) $179,916; (II) $100; (III) no change; (IV) Ded. $250; (IV-a) Ded. $1,300.

(E) Ralph E. Woolley, Honolulu: (I) $181,000; (II) Ded. $4,500; (III) Ded. $3,300; (IV) Ded. $100; (IV-a) Ded. $1,500.

(F) Hawaiian Contr. Co. Ltd., Honolulu: (I) $182,160; (II) Add. $1,500; (III) Ded. $1,300; (IV) Ded. $200; (IV-a) Ded. $1,000.

(G) George Hess, Honolulu: (I) $197,320; (II) Ded. $5,000; (III) Add $6,000; (IV) Ded. $250; (IV-a) no change.

(H) Fred J. Early, Jr., San Francisco: (I) $211,183; (II) no bid; (III) No bid; (IV Ded. $140; (IV-a) deduct $1,000.

(I) Young Engineering Co., Honolulu, (I) $215,500; (II) add $2,000; (III) deduct $100; (IV) deduct $60; (IVa) deduct $1,000.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$1.00	$ 1.50	$ 2.75	$ 2.25	$ 1.60	$ 2.50	$ 1.25	$ 5.00	$ 1.00
(2)	.75	.70	1.50	2.00	1.50	1.50	2.10	2.69	1.00
(3)	.25	.375	.40	.40	.55	.50	.50	.27	.45
(4)	2.17	1.975	2.60	2.27	2.06	2.20	2.75	2.42	2.40
(5)	1.30	1.16	1.80	1.2 5	1.22	1.35	1.60	1.43	1.30
(6)	.90	.80	1.40	.84	.86	.95	1.10	1.00	1.00
(7)	.71	.55	1.00	.56	.57	.70	.76	.73	.75
(8)	.46	.405	.80	.415	.31	.45	.50	.79	.50
(9)	2.15	1.95	2.30	2.27	2.06	2.20	2.60	.....	2.70
(10)	1.19	.15	1.40	1.215	1.16	1.25	1.50	.....	1.50
(11)	.86	.80	1.05	.84	.84	.95	1.05	.....	1.13
(12)	.56	.55	.75	.56	.54	.60	.75	.....	.86
(13)	2.09	1.91	2.60	2.2	1.95	2.00	2.90	.....	2.20
(14)	1.25	1.12	1.80	1.215	1.20	1.20	1.73	.....	1.33
(15)	.93	.78	1.40	.84	.84	.85	1.25	.....	1.00
(16)	.70	.54	1.00	.56	.54	.58	.83	.....	.76
(17)	63.90	79.00	75.00	80.64	83.00	82.00	96.00	89.00	83.55
(18)	33.05	38.00	38.00	44.52	40.00	40.00	46.00	43.00	42.00
(19)	22.70	26.00	27.00	31.25	38.00	26.00	31.00	29.00	29.00
(20)	15.00	16.50	21.00	18.0	17.00	16.00	20.00	18.00	19.00
(21)	9.10	10.25	14.00	8.00	9.00	9.00	11.00	11.39	9.50
(22)	.0833	.07	.07	.08	.06	.08	.12	.06	.08
(23)	23.50	20.00	19.00	18.0	18.00	33.00	20.00	27.00	27.00
(24)	23.50	24.00	22.00	22.00	19.00	35.00	27.00	28.00	27.00
(25)	24.50	30.00	27.00	28.00	19.40	37.50	35.00	30.00	31.00
(26)	90.00	100.00	100.00	100.00	85.00	120.00	109.00	90.00	96.00
(27)	6.25	6.25	5.00	8.00	4.00	6.50	7.00	5.20	6.00
(28)	3.00	3.25	3.50	6.90	2.50	3.50	4.25	4.26	5.00
(29)	.25	.20	.28	.26	.26	.30	.80	.31	.41
(30)	.20	.155	.22	.195	.21	.20	.70	.24	.40
(31)	.18	.14	.20	.17	.19	.16	.65	.20	.40
(32)	.20	.17	.18	.40	.18	.21	.20	.40	.75
(33)	2.00	2.75	3.50	2.90	2.85	3.00	4.00	1.76	5.55
(34)	70.00	62.00	70.00	80.6	68.00	75.00	75.00	74.50	73.00
(35)	65.00	57.00	65.00	75.0	65.00	65.00	62.00	61.14	73.00
(36)	3.88	6.00	10.00	10.00	5.40	6.00	4.00	4.72	9.00
(37)	3.88	1.00	3.00	3.50	1.20	3.00	1.00	.91	4.50

BIDS OPENED

SACRAMENTO, Sacramento Co., Calif.—Fred Harry Eaton, N. Cleveland and Park Ave., Woodland, at $4,639, submitted low bid to Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Building, Sacramento, for drilling and testing two gravel wall wells 250 feet deep on the site of the Army Air Corps Supply Depot, near North Sacramento.

Bids will be taken as follows:

(1) Lump sum, constructing and testing two gravel wall wells complete and ready for use to a depth of 250 feet, including 24-in. outer casing to a depth of 50 feet, 250 ft. of 12-in. inner casing including 30 ft. of perforated casing, and 6-in. gravel envelope completely surrounding the 12-in. casing.

(2) Unit prices: To be used as a basis for making deductions or additions to the contract amount;
- (a) Drilling well with casing 175 ft. to 200 ft. depth, per l.f.;
- (b) Do., 201 ft. to 225 ft. depth, per l.f.;
- (c) Do., 225 ft. to 250 ft. depth, per l.f.;
- (d) Do., 250 ft. to 275 ft. depth, per l.f.;
- (e) Do., 275 ft. to 300 ft. depth, per l.f.;
- (f) Do., 300 ft. to 325 ft. depth, per l.f.;
- (g) Do., 325 ft. to 350 ft. depth, per l.f.;
- (h) 12-in. innr casing in place, per l.f.;
- (i) 24-in. outer casing in place, per l.f.;
- (j) 6-in. gravel envelope in place, per l.f.;
- (k) Perforated or slotted 12-in. casing in place, per l.f.;
- (l) 12-in. standard well screen in place, per l.f.;
- (m) 12-in. shutter well screen in place, per l.f.

Total bids follow:

(A) Fred Harry Eaton, Woodland—$4,639; begin in 10 days, finish in 60 days.

(B) Western Well Drilling Co., San Jose—$6,480; begin in 5 days, finish in 45 days.

(C) R. L. Norris, Sacramento—$6,720; begin in 15 days, finish in 75 days; total bid does not include Items (L) and (M).

(D) Coffman Bros. Drilling Co., Woodland—$7,190; begin in 20 days; finish in 90 days.

Unit bids follow:

	(A)	(B)	(C)	(D)
(a)	$4.05	$2.50	$5.00	$6.85
(b)	4.05	2.50	5.00	6.85
(c)	4.05	2.50	5.00	6.85
(d)	4.05	3.00	5.00	6.85
(e)	4.05	3.00	5.00	6.85
(f)	4.05	3.00	5.00	6.85
(g)	4.05	3.00	5.00	6.85
(h)	4.22	8.00	5.00	4.40
(i)	2.85	7.85	8.00	9.90
(j)	.35	1.00	1.00	1.00
(k)	4.97	9.00	12.00	5.65
(l)	7.00	27.40	40.00	28.35
(m)	10.00	31.70	32.00	48.00

BIDS WANTED

COCONINO CO., Arizona.—Until December 22, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, 247 New Post Office Bldg., Phoenix, for placing bituminous treated crushed rock surfacing on 8.639 miles of Route 8, Grand Canyon National Park, Coconino County.

The principal items of work involved are:

(1) 850 c.y. placing stockpiled crushed rock for shoulders;
(2) 300 tons supplemental crushed rock;
(3) 125 M. gals. watering;
(4) 8,900 tons dense graded bituminous treated crushed rock (90-95 binder);
(5) (Alt. to Item 4) 8,500 tons open graded bituminous treated crushed rock (90-95 binder);
(6) 2,850 tons dense graded bituminous treated crushed rock (MC-5 or RC-4 binder);
(7) (Alt. to Item 6) 2,720 tons open graded bituminous treated crushed rock (MC-5 or RC-4 binder);
(8) 60 tons applying Government furnished asphaltic material for prime coat;
(9) 140 tons applying Government furnished asphaltic material for seal coat;
(10) 850 tons screenings.

NOTE: Alternate bids will be received on dense and open graded types of surfacing.

Plans and specifications obtainable from the office of the Bureau of Public Roads, 247 New Post Office Bldg., P.O. Box 70, Phoenix, and at the Federal Office Bldg., Civic Center, San Francisco.

BIDS WANTED

SAN JOSE, Santa Clara Co., Calif.—Until December 7, 5 p.m. (to be opened at 8 p.m.), bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for the paving and resurfacing of Fourth Street, between Rosa and Reed Streets. Estimated cost, $68,000.

The work involves:

(1) 4,895 c.y. excavation;
(2) 5,934 sq. ft. removal of existing asphaltic surface;
(3) 281 sq. ft. removal of existing cement concrete pavement;
(4) 2 storm water inlets;
(5) 20 l.f. 8-in. vitrified clay storm drain;
(6) 284 l.f. concrete curb;
(7) 42 sq. ft. concrete gutter;
(8) 213 sq. ft. concrete sidewalks;
(9) 4,000 tons asphaltic concrete base course;
(10) 7,359 tons asphaltic concrete surface, Type "A";
(11) 291 tons asphaltic concrete surface, Type "B";
(12) 37,602 sq. ft. crusher run base;
(13) 43,975 sq. yds. paint coat;
(14) 50 tons type "C" surface, conform;
(15) 35 tons type "C" surface, driveway ramps;
(16) 250 tons asphaltic concrete leveling course.

The work will be partially financed by State gasoline tax funds.

Plans and specifications obtainable from the office of City Engineer W. L. Popp upon deposit of $3.00, of which amount $2.00 will be returnable.

LOS ANGELES COUNTY—0.7 MI. GRADE & PAVE—State

LOS ANGELES CO., Calif.—United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, at $71,284, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.7 mile grading and paving with portland cement concrete in Los Angeles County on Atlantic Avenue, between 68th St. in Long Beach and Olive Street.

The work involves:

(1) 37 sta. clear and grub right-of-way;
(2) 950 M. gals. water;
(3) 960 c.y. remove existing conc.;
(4) 2,500 c.y. rdwy. excav., unclass.;
(5) 300 c.y. struc. excav.;
(6) 400 c.y. ditch and channel excavation;
(7) 49,400 c.y. imported borrow;
(8) 2,600 sta. yds. overhaul;
(9) 19,300 sq. yds. preparing subgrade;
(10) 37 sta. finishing rdwy.;
(11) 1,750 tons mineral agg. (plant-mix surface);
(12) 93 tons liquid asphalt, SC-3 or SC-4 (plant-mix surf.);
(13) 11 tons liquid asph., SC-2 (prime coat);
(14) 3,850 c.y. Class A portland cement concrete (pave.);
(15) 4 sections pave crossing device, (type A-20);
(16) 7,800 each, pavement dowels;
(17) 19,100 lbs. bar reinf. steel (pave. and struc.);
(18) 75 c.y. Class A portland cement concrete (struc.);
(19) 5,100 lbs. steel rail assemblies;
(20) 8,100 lbs. misc. iron and steel;
(21) 120 l.f. 30-in. CMP;
(22) 670 c.y. Class A Portland cement concrete (curbs and gutters);
(23) 70 l.f. curb armor;
(24) 4 each, adjusting manholes to grade;
(25) 1 lot relocating tracks.

NOTE: The State will furnish corrugated metal pipe, as more explicitly set forth in the special provisions.

Total bids follow:

(A) United Concrete Pipe Corp., Los Angeles—$71,284.

(B) Griffith Co., Los Angeles—$71,325.50.

(C) J. E. Haddock, Ltd., Pasadena—$75,197.50.

(D) Matich Bros., Elsinore—$75,692.00.

(E) Oswald Bros., Los Angeles—$76,289.50.

(F) Basich Bros., Los Angeles—$78,940.

(G) C. R. Butterfield, San Pedro—$83,414.

(H) J. F. Knapp, Oakland—$99,120.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 10.00	$ 10.00	$ 10.00	$ 12.00	$ 7.00	$ 15.00	$ 20.00	$ 10.00
(2)	.50	1.20	2.50	1.50	.85	1.00	1.20	1.00
(3)	2.00	1.50	2.50	2.00	2.20	4.00	2.00	2.50
(4)	.30	.25	.35	.33	.30	.26	.41	.50
(5)	.90	1.70	1.50	1.20	1.25	1.25	2.00	1.50
(6)	.60	1.00	1.00	1.20	1.25	.75	1.00	1.00
(7)	.32	.20	.35	.23	.35	.30	.41	.50
(8)	.01	.06	.01	.02	.02	.01	.02	.05
(9)	.10	.12	.12	.14	.12	.10	.15	.12
(10)	7.00	15.00	5.00	10.00	5.00	10.00	5.00	10.00
(11)	2.50	2.40	2.75	3.00	2.60	2.50	3.00	3.50
(12)	12.00	10.00	11.00	10.00	9.00	10.00	10.00	15.00
(13)	17.00	15.00	12.00	10.00	13.00	10.00	12.00	20.00
(14)	7.54	7.65	7.25	8.50	7.60	7.85	7.80	10.00
(15)	100.00	120.00	50.00	125.00	110.00	100.00	120.00	100.00
(16)	.12	.13	.12	.12	.12	.13	.10	.15
(17)	.05	.08	.07	.06	.07	.095	.06	.04
(18)	25.00	25.00	25.00	25.00	24.00	22.00	40.00	20.00
(19)	.10	.06	.05	.05	.055	.10	.05	.10
(20)	.16	.17	.20	.20	.185	.18	.16	.15
(21)	.70	.80	.50	1.00	.70	1.00	1.50	1.50
(22)	10.96	14.00	9.25	12.50	11.80	15.00	14.00	20.00
(23)	1.00	1.00	1.00	1.00	.90	1.00	1.20	1.50
(24)	15.00	15.00	25.00	10.00	20.00	25.00	15.00	25.00
(25)	1000.00	3000.00	2000.00	1800.00	2428.00	2300.00	1200.00	200.00

CONTRACT AWARDED

KING CO., Washington.—James Coyle, 901 Westlake N., Seattle, and the Acme Constr. Co., Northern Life Tower, Seattle, at $133,630, awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, for 2.55 miles grading on the Stevens Pass Highway, Snoqualmie National Forest, King County, Wash.

CONTRACT AWARDED

SAN FRANCISCO.—Love & Haun, 4354 20th St., at $309.75, awarded contract by the Department of Public Works, City Hall, under Spec. No. 5081, for the reconstruction of sidewalks on Harrison St., between Spear and Main Streets.

LOW BIDDERS

YAVAPAI & COCONINO COS., Arizona.—Lee Moor Contracting Co., 807 Bassett Tower, El Paso, Texas, at $47,381.80, submitted the lowest of twelve bids received by the Bureau of Public Roads, New Post Office Bldg., Phoenix, for 1.872 miles of grading on Section K of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai and Coconino Counties, Arizona.

The principal items of work involved are:

(1) 11.5 acres clearing;
(2) 11.5 acres grubbing;
(3) 46,500 c.y. unclass. excavation;
(4) 800 c.y. do for structures;
(5) 8,400 c.y. do for borrow;
(6) 351,000 sta. yds. overhaul;
(7) 2,600 furrow ditches;
(8) 175 c.y. concrete;
(9) 17,000 lbs. reinforcing steel;
(10) 0.16 MFBM untreated timber;
(11) 240 c.y. cement rubber masonry;
(12) 852 l.f. CGS metal pipe;
(13) 8 right of way monuments;
(14) one cattle guard;
(15) 2,360 l.f. barbed wire fence;
(16) one gate;
(17) 138 l.f. remove, clean and relay existing CMP;
(18) 1,320 l.f. special fence;
(19) 1,550 l.f. remove existing fence;
(20) 26 culvert markers.

The three low bids follow:

Lee Moor Contr. Co., El Paso	$47,381.80
George Orr, El Paso	50,491.44
Fisher Contr. Co., Phoenix	52,313.10
Engineer's Estimate	58,941.50

BIDS WANTED

SAN MATEO, San Mateo County—Until December 7, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, for the construction of street and sewer improvements ,on Second Third, and Ellsworth Aves. Total cost is estimated at $44,219.

The work will consist of widening of Second and Third Avenues and Ellsworth St.; also additional sewer facilities on Third and Fifth Aves. It will include grading and removal of existing curbs and gutters; construction of combined concrete curb and gutters, concrete sidewalks, asphaltic concrete wearing surface steel reinforced concrete basement entrance, complete, including moving and replacing steel doors; moving and resetting cast iron electroliers complete, including moving conduit and cable; removing and rebuilding catchbasins; moving and resetting fire hydrants; construction of 2,000 l.f. of 12-in. dia. vitrified clay pipe sanitary sewer, red burnt brick manholes, capped with cast iron frames and covers; construction of 315 l.f. 15-inch concrete pipe storm water sewers and 6-in. concrete base pavement with 2-inch asphaltic wearing surface over sewer trenches.

The work involves:

(A) Construction of combined concrete curb and gutter and concrete gutter adjacent to existing curb, including removal of existing sidewalk and gutter, preparation of subgrade, and all incidental work, per c.y. of Class "A" concrete in place (88 c.y. Class A concrete).
(B) Construction of concrete sidewalk complete, including preparation of subgrade and all incidental work, per sq. ft.; (4,085 sq. ft. sidewalk).
(C) Construction of steel reinforced concrete basement entrances in place complete, including reinforced steel and all incidental work, per c.y. of concrete; (2 c.y. rein. conc.).
(D) Moving and resetting steel basement doors; (6 doors).
(E) Moving existing electroliers, including construction of new concrete bases and moving back of existing conduit and cable, including all incidental work; (25 electroliers).
(F) Furnishing and installing 1¼" conduit ells complete; (50 l.f.).
(G) Furnishing and installing 1¼" electric conduit, per l.f.; (100 l.f.)
(H) Furnishing and installing electric cable per l.f.; (300 l.f.).
(I) Constructing red burnt brick catchbasins, capped with cast iron frame and grating, including removal of existing catch basins and connection to existing storm drain; (6 catchbasins)
(J) Moving existing hydrants and resetting same, including gate valves and all incidental work; (7 hydrants).
(K) Construction of red burnt brick manholes, capped with cast iron frames and covers; (7 manholes)
(L) Construction of 12" diam. vitrified clay pipe sanitary sewer, including excavation, backfill and all incidental work, per l.f.; (2,000 l.f. 12" diam. sewer).
(M) Construction of 18" diam. concrete pipe storm drain, per l.f.; (315 l.f. of storm sewer).
(N) Replacing existing pavement over 12" sanitary sewer, per sq. ft.; (1,000 sq. ft. of pavement).
(O) Asphaltic concrete pavement, complete in place, per ton; (1,820 tons).
(P) Removal of existing asphaltic concrete surface, per sq. ft.; (15,000 sq. ft. of surface).

Plans and specifications obtainable from the above office upon deposit of $20. E. P. Wilsey, City Engineer.

A grant of $19,898 to assist in financing the work was recently approved by the PWA.

BIDS WANTED

PALO ALTO, Santa Clara Co., Cal.—Until December 14, 4 P. M., as previously reported bids will be received by the Palo Alto Board of Public Works, City Hall, for asphaltic concrete pavement on Hamilton Ave. from Ramona to Middlefield Road, nd on Alma Street from California St. to El Carmelo Ave., a 20-ft. reinforced concrete culvert type span over Matadero Creek and storm water sewers in Bryant St. from Forest Street to Embarcadero.

The PWA has recently approved a grant of $20,070 to aid in financing the project, cost of which is estimated at $44,500.

The work involves:

1) 74,000 sq. ft. macadam base removal and replacement;
(2) 191,240 sq. ft. roadway, gutter, curb and sidewalk excavation and grading;
(3) 4,000 l.f. portland cement concrete curbing;
(4) 16,800 sq. ft. portland cement concrete gutter;
(5) 5,200 sq. ft. portland cement concrete sidewalk;
(6) 19 each, special portland cement concrete sidewalk corners;
(7) 2,945 c.y. quarry or pit-run rock base:
(8a) 2,850 tons asphaltic concrete State Standard type "B" surface.
(8b) 2,850 tons bituminous treated surfacing (plant mixed).
(8c) 1,900 tons rock asphalt.
(8) 2,850 tons asphaltic concrete;
(9) lump sum, reinforced concrete bridge with wing walls and retaining walls, 20-ft. span, 60-ft. wide;
(10) 2,135 l.f. 12-in., 16-gauge, corrugated galvanized iron pipe;
(11) 10 each, storm water inletbasins
(12) 5 each, brick manholes;
(13) 2,550 sq. ft. 6-in. portland cement concrete paving;

The estimated quantities of materials in the bridge follow:

a) 335 c.y. excavation;
b) 235 c.y. Class A portland cement concrete;
(c) 7 c.y. Class F portland cement concrete;
(d) 44,500 lbs. bar reinf. steel.

Plans and specifications obtainable from the office of City Engineer J. F. Byxbee upon deposit of $5.00.

BIDS OPENED

HUMBOLDT COUNTY, Cal.—N. M. Ball Sons, 852 Carmel, Albany, at $152,342.40 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 5.2 miles of grading and surfacing with gravel base and screened gravel and an existing concrete bridge to be widened in Humboldt County, between Beatrice overhead and Eureka.

The work involves:

(1) 272 sta. clear and grub right of way;
(2) 1,500 M. gals. water;
(3) 37,500 c.y. roadway excav., unc.;
(4) 458,000 sta. yds. overhaul;
(5) 1,875 c.y. struc. excav.;
(6) 850 c.y. ditch and channel excav.;
(7) 40,500 c.y. imported borrow;
(8) 274 sta. finishing roadway;
(9) 37,800 tons gravel base;
(10) 18,700 tons screened gravel (surfacing);
(11) 235 tons liq. asphalt, SC-1A (prime coat);
(12) 64 tons liq. asphalt, 90-95 (seal coat);
(13) 755 tons screenings (seal coat);
(14) 70 tons mineral aggregate (plant-mix surf.);
(15) 3 tons liq. asphalt, SC-3 (plant-mix surf.);
(16) 243 c.y. Class A portland cement concrete (structures);
(17) 42,300 lbs. bar reinf. steel;
(18) 22 MFBM Redwood timber, dense, select, all-heart, struc. grade;
(19) 9 MFBM Redwood timber, select, all-heart, struc. grade;
(20) 810 l.f. furnishing conc. piles, including test piles;
(21) 16 each, driving concrete piles, including test piles;
(22) 510 l.f. 8-in. CMP;
(23) 340 l.f. 12-in. CMP;
(24) 1,130 l.f. 18-in. CMP;
(25) 140 l.f. 24-in. CMP;
(26) 44 l.f. 30-in. CMP;
(27) 60 l.f. 36-in. CMP;
(28) 2,150 l.f. 8-in. perf. metal pipe (underdrains);
(29) 170 l.f. 12-in. perf. metal pipe (underdrains);
(30) 2,050 tons rock filling material;
(31) 6 each, spillway assemblies;
(32) 6 each, perf. metal junction pipes;
(33) 8 each, cast steel frames and covers for drop inlets;
(34) 510 c.y. exist. conc. to be removed and disposed of;
(35) 10 each, exist. headwalls to be removed and reset;
(36) 394 l.f. timber bridge railing;
(37) 400 l.f. temporary timber railing;
(38) 150 each guide posts;
(39) 80 each, culvert markers;
(40) 3.65 miles new property fence;

(41) 1.80 miles exist. fence to be removed and reset;
(42) 20 each, drive gates;
(43) 310 l.f. 4-in. wrought-iron pipe;
(44) 64 l.f. 6-in. wrought-iron pipe;
(45) 62 each, monuments complete, in place;
(46) 1 lot misc. bridge items;
(47) 1 lot demolishing bldgs.

Total bids follow:

(A) N. M. Ball Sons, Albany, $152,342.40.

(B) Hanrahan Co., San Francisco, $171,798.50.

(C) Hemstreet & Bell, Marysville, $185,742.30.

Unit bids follow:

	(A)	(B)	(C)
(1)	$30.00	$ 7.50	$12.00
(2)	1.00	1.40	1.50
(3)	.40	.37	.40
(4)	.005	.005	.01
(5)	1.30	1.50	1.50
(6)	1.00	1.50	1.00
(7)	.48	.50	.62
(8)	5.00	12.00	7.50
(9)	.90	1.00	1.25
(10)	1.15	1.74	1.60
(11)	18.00	15.00	20.00
(12)	26.00	27.00	25.00
(13)	2.50	4.80	4.00
(14)	8.00	6.00	6.00
(15)	17.00	40.00	30.00
(16)	35.00	30.00	45.00
(17)	.057	.07	.055
(18)	100.00	111.00	80.00
(19)	100.00	107.00	80.00
(20)	2.00	4.00	3.00
(21)	100.00	300.00	275.00
(22)	.90	1.70	1.10
(23)	1.25	2.00	1.35
(24)	1.90	2.20	1.80
(25)	2.50	3.70	2.75
(26)	3.20	4.50	3.50
(27)	5.00	6.00	5.25
(28)	1.20	1.50	1.15
(29)	1.50	2.40	1.40
(30)	2.50	2.00	2.15
(31)	15.00	16.00	15.00
(32)	20.00	25.00	23.00
(33)	45.00	50.00	45.00
(34)	2.50	3.00	4.65
(35)	10.00	14.00	10.00
(36)	1.50	1.50	1.00
(37)	1.00	2.00	1.75
(38)	2.50	2.00	2.50
(39)	2.70	2.00	2.50
(40)	550.00	800.00	600.00
(41)	350.00	350.00	500.00
(42)	20.00	28.00	20.00
(43)	1.50	2.00	1.00
(44)	2.25	3.00	1.70
(45)	3.00	3.00	3.00
(46)	500.00	150.00	150.00
(47)	500.00	150.00	250.00

30—RESERVOIRS & DAMS

BOND ELECTION

VENTURA.—An election will be held December 15 to vote on a $1,400,000 bond issue to provide funds for the construction of a dam and water treatment plant on the Santa Ana River, a tributary to the Ventura River, at what is known as the Hoffman Site. J. B. Lippincott, 714 West Olympic Blvd., Los Angeles, is the consulting engineer on the project.

CONTRACT AWARDED

MILK RIVER PROJ., Montana.—Wachter, O'Neill Const. Co. and McGarry Bros., Bismark, N. D., at $980-804 awarded contract by the Bureau of Reclamation, H. H. Johnson, Supt., Malta, Mont., under Spec. No. 692, for construction of the Fresno Dam, Milk River Proj., near Fresno, Mont.

31—PIPE LINES & WELLS

LOS ANGELES.—Until December 15, 2 p.m., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, for furnishing of welded steel pipe and appurtenances for the outlet work of San Gabriel Dam No. 1:

(1) 2133 ft. 123-in. ID 19/32-in. plate;
(2) 93 ft. 123-in. ID 1½-in. plate;
(3) 1099 ft. 96-in. ID 1½-in. plate;
(4) 48 ft. 96-in. ID 1½-in. plate;
(5) 1128 ft. 51-in. ID ⅜-in. plate;
(6) 50 ft. 51-in. ID ¾-in. plate;
(7) 17 ft. 30-in. ID ⅜-in. plate;
(8) 8 ft. 60-in. ID ⅜-in. plate;
(9) 5 ft. 75-in. ID ⅜-in. plate;
(10) 52 ring girders, welded to 123-in. ID steel pipe;
(11) 26 ring girders welded to 96-in. ID steel pipe;
(12) 26 ring girders welded to 51-in. ID steel plate;
(13) 22 anchor rings welded to 123-in. ID steel pipe;
(14) 18 anchor rings welded to 96-in. ID steel pipe;
(15) 22 anchor rings welded to 51-in. ID steel pipe;
(16) One fabricated tee 51-in. IDx51-in. ID;
(17) One cast steel saddle nozzle, 30-in. ID welded to pipe;
(18) One cast steel elbow, 30-in. ID;
(19) 2 fabricated bend 51-in. ID ⅜-in. plate;
(20) One fabricated bend, 123-in. ID 19/32-in. plate;
(21) 2 pipe reducers, 129-in. IDx123-in. ID, 19/32-in. plate;
(22) One pipe reducer 102-in. IDx96-in. ID ½-in. plate;
(23) 2 Venturi tubes, 40 ft. long, 114-in. IDx123-in. ID;
(24) One Venturi tube, 40 ft. long, 87-in. IDx96-in. ID:
(25) One Venturi tube, 40 ft. long, 42-in. IDx51-in. ID;
(26) 4 cast steel manholes, Type A, welded to pipe;
(27) 2 cast steel manholes, Type B, welded to pipe;
(28) 3 cast steel manholes, Type C, welded to pipe;
(29) One cast steel manhole, Type D, welded to pipe;
(30) 2 cast steel saddle nozzles, Type A, welded to pipe;
(31) 4 cast steel saddle nozzles, Type B, welded to pipe;
(32) 5 cast steel saddle nozzles, Type C, welded to pipe;
(33) 2 cast steel saddle nozzles, Type D, welded to pipe;
(34) 5 cast steel saddle nozzles, Type E, welded to pipe;
(35) 16 cast steel saddle nozzles, Type F, welded to pipe;
(36) One cast steel saddle nozzle, Type G, welded to pipe;
(37) One cast steel saddle nozzle, Type H, welded to pipe;
(38) 4 cast steel companion flanges welded to 30-in. ID pipe; aggregate net wt. approx. 1560 lbs. (per lb.);
(39) 2 cast steel companion flanges welded to 51-in. ID pipe, ¾-in. plate, aggregate net wt. approx. 1620 lbs. (per lb.);
(40) 6 cast steel flanges welded to 5-in. ID pipe, ⅜-in. plate, aggregate net wt. approx. 4860 lbs. (per lb.);
(41) One cast steel companion flange welded to 60-in. ID pipe, aggregate net wt. approx. 1020 lbs. (per lb.);
(42) One cast steel companion flange welded to 75-in. ID pipe, aggregate net wt. approx. 1660 lbs. (per lb.);
(43) 116,600 sq. ft. application of primer and centrifugally cast enamel to thickness of ⅛-in. on inside of pipes, incl. the supplying of materials.

BIDS WANTED

ALL-AMERICAN, Arizona-California.—Until December 28, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma R. B. Williams, Constr. Engineer, under Spec. No. 700, for the construction of pipe side drains, All-American canal, station 3552 to station 3775, All - American Canal system, Boulder Canyon Project.

The work is located near Calexico, Cal., and the principal items of work involved are:

(1) 4,100 c.y. excavation for struc.;
(2) 2,850 c.y. backfill about struc.;
(3) 185 c.y. concrete in structures;
(4) 120 sq. yds. dry-rock paving;
(5) Placing 12,100 lbs. reinf. bars;
(6) Installing 7,800 lbs. miscellaneous metal work;
(7) Constructing 30,988 l.f. 18- to 30-in. dia. clay sewer pipe drains includ. excavation, backfill, and pipe laying;
(8) Constructing 2,152 l.f. 18- to 30-dia. precast concrete pipe drains, includ. excavation, backfill, and pipe laying.

The work shall be commenced within 30 calendar days and completed within 250 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Yuma, Ariz.; Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others, $0.75 per copy, not returnable.

BIDS WANTED

ALL-AMERICAN, Arizona-California.—Until December 29, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma R. B. Williams, Constr. Engineer, under Spec. No. 713, for the construction of railroad and highway siphons All-American Canal, stations 3579, 3683, 3710 and 3772, All-American Canal System, Boulder Canyon Project.

The work is located near Calexico, Cal., and the principal items of work involved are:

(1) 37,400 c.y. excavation for struc.;
(2) 24,200 c.y. backfill;
(3) 5,423 c.y. concrete;
(4) 1,000 sq. yds. dry-drock paving;
(5) Placing 908,400 lbs. reinf. bars;
(6) Installing 555 l.f. rubber seals;
(7) Installing 1,380 sq. ft. molded elastic joint material.

The work shall be commenced within 30 calendar days and completed within 350 calendar days after the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Yuma, Ariz.; Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others, $1.00 per copy, not returnable.

32— SEWERS & SEWAGE DISPOSAL PLANTS

TO PURCHASE MATERIALS

SAN JOSE, Santa Clara Co., Calif.—Materials to cost approximately $64,000 will be required for construction of extensions to the San Jose sanitary sewer system and outfall line, including vitrified clay sewer pipe for the collection system and vitrified clay outfall sewer pipe.

The construction is being done by day labor as a WPA project. It has not been decided whether the materials will be purchased by the City of San Jose or through the Treasury Department Procurement Division in San Francisco. Total estimated cost of the project, including labor furnished by WPA, is $645,922.

BIDS WANTED

NEWPORT BEACH, Orange Co., Calif.—Until Dec. 14, 7:30 p.m., as previously reported, bids will be received by the Newport Beach City Council for the construction of a sewer system, including vitrified clay pipe sewer mains, 3 underground sewage pumping stations, and a disposal plant.

Plans for the disposal plant were designed by the Currie Engineering Co., Andreson Bldg., San Bernardino. The plant is designed to serve a population of 25,000 and consists of

2 concrete circular Imhoff tanks and a separate sludge digestion tank.

The PWA has allocated $152,000 toward financing the project; the balance of the funds to be furnished by the city which recently voted a bond issue of $300,000.

The work involves:

(1) Lump sum, Sewage Pumping Station No. 1 and appurtenances thereto;
(2) Lump sum, Sewage Pumping Station No. 2 and appurtenances thereto;
(3) Lump sum, Sewage Pumping Station No. 3 and appurtenances thereto;
(4) Lump sum, Cast Iron Pipe Siphon No. 1, consisting of one 10-in. diam. pipe and 14-in. dia. pipe, as shown on Plan No. 401, Sheet 20;
(5) Lump sum, 10-in. Cast Iron Pipe Siphon No. 2, as shown on Plan No. 401, Sheet 10;
(6) Lump sum, 6-in. Cast Iron Pipe Siphon No. 3, as shown on Plan No. 401, Sheet 22;
(7) 1,870 l.f. 30-in. extra strength, vit. clay pipe sanitary sewer;
(8) 5,130 l.f. 30-in. vit. clay pipe sanitary sewer;
(9) 2,710 l.f. 27-in. vit. clay pipe sanitary sewer;
(10) 3,380 l.f. 24-in. vit. clay pipe sanitary sewer;
(11) 9,660 l.f. 21-in. vit. clay pipe sanitary sewer;
(12) 4,300 l.f. 18-in. vit. clay pipe sanitary sewer;
(13) 340 l.f. 12-in. vit. clay pipe sanitary sewer;
(14) 3,800 l.f. 10-in. vit. clay pipe sanitary sewer;
(15) 4,990 l.f. 8-in. vit. clay pipe sanitary sewer;
(16) 1,900 l.f. 14-in. class 250 cast iron pipe, flexible joints, discharge line from disposal plant to outfall;
(17) 3,390 l.f. 10-in. class 150 cast iron pipe sanitary sewer, including fittings;
(18) Lump sum, 10-in. class 150 cast iron pipe sewer, highway crossing at Sta. 59 plus 75;
(19) Lump sum, 8-in. class 150 cast iron pipe sewer, highway crossings at Sta. 19 plus 00, sheet 8, and Sta. 74 plus 25;
(20) 200 l.f. 8-in. class 150 cast iron pipe sewer force main, including fittings;
(21) Lump sum, reinf. cem. concr. box sanitary sewers, Sta. 165 plus 02, sheet 14, and Sta. 73 plus 29;
(22) 70 c.y. class E cem. concr. pipe envelope;
(23) 109 each brick manholes;
(24) 1 each, brick flush tank, including ¾-in. water service connection;
(25) 20,000 c.y. roadway embankment;
(26) 47,000 sq. ft. rock and oil surfacing;
(27) 94 l.f. 24-in. corr. iron culvert pipe;
(28) 40 l.f. 36-in. reinf. cem. concr. culvert;
(29) Lump sum, demolition of Imhoff tanks Nos. 1 and 2;
(30) 1,500 l.f. 2-in. galv. iron water pipe, including fittings;
(31) 3,500 tons furnishing and placing crushed rock for sewer foundation;
(32) 80 l.f. 6-in. vit. clay pipe house connection sewers;
(33) 250 ft. type A vit. clay pipe sewer chimney;
(34) Lump sum, sewage disposal plant and appurtenances thereto, complete.

Plans are available from R. L. Patterson, city engineer, upon deposit of $15.

BIDS WANTED

PARLIER, Fresno Co., Calif.—Until December 17, 8 p.m., bids will be received by the Parlier City Council, D. J. Herring, City Clerk, for the construction of a sewage disposal system, including an Imhoff tank and treatment works and sanitary sewer system with outfall line.

The work will include installation of sanitary sewer collecting lines, pressure mains, sewage disposal plant, necessary pumping plant and equipment, manholes, water pipe line for fresh water to connect city water mains with the disposal works, removal of vines, preparing the sludge and scum-drying beds, preparing final effluent ponds, all electric wiring to operate equipment installed, construction of a chlorinator house, ferrous chloride generating unit, painting all outside woodwork with three coats of approved outside paint, installation of equipment in chlorine house and placing same in operation. Final requirement is placing plant in operation, which will require the importation and placing in new digesting tank of a starter from one of the present operating plants in the vicinity of Parlier.

Total cost of the work is estimated at $45,454. A grant of $20,454 was recently approved by the PWA.

The work involves:

(1) 11,500 l.f. 6-in. sewer pipe (vitrified clay);
(2) 1,100 l.f. 8-in. do.;
(3) 3,200 l.f. 10-in. do.;
(4) 180 l.f. cast-iron pipe, 6-in.;
(5) 54 l.f. do., 8-in.;
(6) 2,625 l.f. do., 4-in.;
(7) 18 l.f. do., 10-in.;
(8) 195 c.y. reinf. concrete;
(9) 40 standard manholes;
(10) 2 drop manholes;
(11) 2.6 acres removing vines;
(12) Lump sum, chlorine equipment;
(13) 2 sewage pumps and motors;
(14) 1 sewage communitor with motor;
(15) 1 flushing pump and motor.

Plans and specifications obtainable from the office of the Engineer, Dan W. Chamberlin, 1213 Broadway, Fresno, upon deposit of $10.

BOND ELECTION

SOQUEL, Santa Cruz Co., Calif.—An election will be held December 16 to vote on a proposal to issue $12,000 in bonds to aid in financing construction of a sewage disposal system in Soquel.

PLANNED

COLFAX, Washington.—The City Council plans the construction of a sewage treatment plant and trunk line sewer system estimated to cost $95,151. The work will involve:

Unit No. 1: consists of a sewage disposal plant complete, including pump house, settling tank, dosing tank, digester, sludge beds, filters, final tank and appurtenances.

Unit No. 2: consists of the trunk line sewer, involving 6,000 ft. of 18-in. sewer pipe, 27 manholes, retaining walls, relaying pipe, etc.

Estimated quantities of materials involved are:

Pump House—115 c.y. excavation, 90 c.y. concrete, 10,000 lbs. steel, roof, sash, doors, racks, etc.; two sewage pumps and controls, one sludge pump, wiring, pumping, valves, etc.

Settling tank and dosing tank—50 c.y. excavation, 100 c.y. concrete, 12,800 lbs. steel, mechanism, gates, piping, structural steel, etc.

Digester—800 c.y. excavation, 80 c.y. concrete, 10,000 lbs. steel, sludge piping and valves, heading, including boiler, etc.

Trickling filters—300 c.y. excavation, 180 c.y. concrete, 16,000 lbs. steel, 1250 c.y. crushed rock, mechanism, piping, drain system.

Final tank—110 c.y. excavation, 20 c.y. concrete, 12,000 lbs. steel, structural steel.

Chlorinator and House—3,000 c.y. grading; 500 c.y. riprap, and miscellaneous other items.

Sam McCroskey, city clerk. John W. Cunningham, Spalding Bldg., Portland, engineer.

BIDS OPENED

LOS ANGELES.—Bids for the excavation and disposal of material at the Hyperion Treatment Plant were opened by the WPA Office, Los Angeles, Nov. 24th under Invitation No. 1024-T. The items were:

(1) per ton for disposal 4 miles at sea not exceeding 180,000 tons;
(2) per ton for same in excess of 180,000 tons;
(3) per ton for disposal 6 miles at sea not exceeding 180,000 tons;
(4) per ton for same in excess of 180,000 tons;
(5) per ton for disposal 8 miles at sea not exceeding 180,000 tons;
(6) per ton for same in excess of 180,000 tons;
(7) lump sum, unrecovered delivery and removal cost;
(8) per ton, for same.
(A) excavation and disposal of material;
(B) alternate to A, disposal of material.

The bids were:

(A) Hull, Smale and Robinson, San Pedro.
(B) Franks Contracting Co., San Francisco; standby charge, $132.

	(A)	(B)
—(A)—		
(1)	$ .96	$ .95
(2)	.85	.85
(3)	.97	1.00
(4)	.86	.90
(5)	.99	1.06
(6)	.88	.96
(7)	25,000.00	25.000.00
(8)	.30	.14
—(B)—		
(1)	.67	.67
(2)	.59	.57
(3)	.68	.72
(4)	.60	.62
(5)	.70	.78
(6)	.62	.68
(7)	22,000.00	25,000.00
(8)	.27	.14

Hull, Smale and Robinson qualified their bid by stating that in the event of any controversy between the contractor and the government, the decision should be made by the U. S. Engineer Office.

BIDS REJECTED

SONOMA COUNTY, Cal.—County Board of Supervisors has rejected all bids received November 23 for the construction of a septic tank for the new county hospital. The work will be done by day labor under the supervision of the County Surveyor.

Walter H. Nagle, Clerk of the Board.

33— WATER WORKS

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Fred J. Early, Jr., 369 Pine St., San Francisco, at $6,976 submitted low bid to the Stockton City Council, B. L. Trahern, City Clerk, for the construction of a sand detritor with appurtenant channels, at the north Sewage Disposal Plant, a PWA project.

The other bids were:

M.J.B. Const. Co., Stockton.....$8,782
H. E. Vickroy, Stockton..... 9,328

Lyle Payton, City Engineer.

CONTRACT AWARDED

LOS ANGELES.—Williams & Vanson, Ltd., 815 Paramount Blvd., Clearwater, at $38,200.59, awarded contract by the Los Angeles Water & Power Commission, for construction of 12-in., 8-in., and 6-in. cast iron pipe lines in various streets of the San Bernardino Valley under Spec. X-74. The bids were opened Nov. 12.

CONTRACT AWARDED

ATWATER, Merced Co., Calif.—Underground Constr. Co., 6 Alvarado Rd., Berkeley, at $64,199, awarded contract by the Atwater City Council for the construction of a municipal waterworks system, a PWA project.

A grant of $35,182 was approved recently by the PWA.

W. E. Bedesen, Shaffer Bldg., Merced, engineer.

CONTRACT AWARDED

LOS ANGELES.—Williams and Van Valkenburg, 1958 W. 77th St., Los Angeles, at $15,103.60, awarded contract by the Los Angeles Water & Power Commission, for installing a 24-in. steel water supply main on Ventura Blvd., from White Oak Ave. to Tampa Ave., P.W.A. Docket 1929-R, Unit No. 60. Spec. X-66. The bids were opened Nov. 9th.

BIDS WANTED

SAN JOAQUIN CO., Calif.—Until December 18, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Hetch Hetchy Water Supply Contract No. 163, for construction of the Tesla Portal Chlorinating Plant in the Coast Range Division of the Hetch Hetchy Aqueduct.

The work involves construction of a chlorinator building near Tesla Portal of the Coast Range Tunnel of the Hetch Hetchy Aqueduct, about 7.5 miles south of the town of Tracy, San Joaquin County, including the furnishing and installing of a 3-ton traveling crane hoist, steel work, construction of a pump house including the furnishing and installing of two 10-hp. pumping units with all piping, valves, fittings and connections to existing pipes; construction of a keeper's house and garage; two steel water storage tanks, including all piping, valves and fittings. Contracts also include the furnishing and installing of all water supply and fire hydrant piping with valves and fittings, furnishing and installing chlorine and ammonia solution hose and piping with all valves, fittings, and connections.

All buildings are to be constructed on concrete foundations, flooring, and footings, and includes furnishing and installing all reinforcing steel and foundation bolts.

Construction of redwood troughs and boxes, excavation, roadways, furnishing and installing electrical work for the pump units and for heating and lighting of the buildings, installing stainless steel pipe, bolts and shapes; installing piping and equipment furnished by the City; removing and reinstalling the existing bumped head at the tunnel portal; furnishing and installing a platform scale; removing and disposing of an existing wood frame building and a wood stave water tank and other structures which might interfere with the work, are all included in the contract.

Bids will be taken as follows:

(1) 1,500 c.y. general excav.;
(2) 250 c.y. structure excav.;
(3) 100 c.y. crushed gravel or broken stone;
(4) 95 c.y. concrete;
(4a) 4,000 lbs. furnishing and placing reinforcing steel and foundation bolts;
(5) Lump sum, construction of chlorinator building above concrete work, including crane and steel work;
(6) Lump sum, constructing pump house above concrete work;
(7) Lump sum, constructing keeper's house above concrete work;
(8) Lump sum, constructing garage above concrete work;
(9) Lump sum, furnishing and installing two 10-hp. pumping units, including all piping, valves and fittings in the pumping station;
(10) 22,500 lbs., furnishing and installing galvanized wrought-steel pipe and couplings;
(11) 3,000 lbs. furnishing and installing valves and fittings for water piping;
(12) Lump sum, furnishing and installing electrical work, for pumping units and for heating and lighting of the buildings;
(13) Lump sum, furnishing and installing two steel water storage tanks;
(14) 3,000 ft.b.m. furnishing and installing redwood troughs and boxes;
(15) 300 l.f. furnishing and installing 2-in. 4-ply rubber hose;
(16) 160 l.f. furnishing and installing 4-in. 6-ply rubber hose;
(17) 130 lbs. furnishing and installing stainless steel pipe, blots and shapes;
(18) 400 lbs. furnishing and installing chlorine and ammonia piping;
(19) Lump sum, installing piping and equipment not furnished by the contractor;
(20) Lump sum, furnishing and installing platform scale;
(21) Lump sum, furnishing and installing pressure gage pipe connections.

Plans and specifications obtainable from L. T. McAfee, Room 605, 425 Mason St., upon deposit of $10.

CONTRACT AWARDED

LOS ANGELES.—Bennett & Taylor, 1041 Venice Blvd., Los Angeles, at $40,168.87, awarded contract by the Los Angeles Water & Power Bureau, for construction of the Highland Park tank and West Hollywood tank, PWA projects, under Spec. No. X-62.

The Highland Park tank is to be located in the Eagle Rock district, and will be of reinforced concrete construction with a capacity of 500,000 gallons.

The West Hollywood tank is to be near the terminus of Floral Ave., of reinforced concrete construction and of 500,000-gallon capacity.

CONTRACT AWARDED

LOS ANGELES. — Macco-Robertson, Ltd., 815 Paramount Blvd., Clearwater, at $23,690, awarded contract by the Los Angeles Water & Power Bureau for the installation of 24-in. and 16-in. cast iron water supply mains on Venice Boulevard from Overland Ave. to Pacific Ave., a PWA project.

CONTRACT AWARDED

LOS ANGELES.—Williams & Van Valkenburgh, 1958 W. 77th St., Los Angeles, at $11,095.25, awarded contract by the Los Angeles Water & Power Bureau, for installing iron water supply mains in the San Fernando Valley, Spec. No. X-73.

BIDS WANTED

SAN FRANCISCO.—Until December 14, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1698, for furnishing valve operating mechanisms for the San Francisco high pressure water system.

Specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

SAFFORD, Ariz.—O. F. Fisher Construction Co., Phoenix, at $75,132 was awarded contract by Safford City Council for constructing the first unit of the Safford Municipal Water Works system, involving a 100,000-gallon elevated steel storage tank and a distribution system. Work will start about Dec. 15. The work is being done under a PWA grant and loan.

The other bids were:

Arizona Const. Co., $76,952.

Ulen Const. Co., Lebanon, Indiana, $82,193.

Phoenix-Tempe Stone Co., Phoenix, $83,135.

Sherman Machine & Iron Works, Oklahoma City, $88,536.02.

Pearson and Dickerson, Prescott, Ariz., $90,021.

E. C. Nickel, Los Angeles, $90,054.

Heuser & Garnett, Glendale, Cal., $96,519.

CONTRACTS AWARDED

ABERDEEN, Wash.—The following contracts awarded by the Aberdeen City Council for furnishing pipe valves, and construction of submarine Wishkah River crossing of 54-inch pipe line, in connection with the Junction-Hoquiam pipe line:

F. G. Foster Co., Hoquiam: $5,436, for furnishing gate valves.

Grays Harbor Const. Co., Aberdeen: $11,738, for construction of the crossing.

Beall Pipe & Tank Co., Portland: $13,118.25, for furnishing 54-in. i.d. steel pipe and fittings.

CONTRACT AWARDED

SPOKANE, Wash.—Pomona Pump Co., Pomona, Calif., at $28,488, awarded contract by the Spokane City Commissioners, for pumping station equipment for the Ray Street pumping station.

BIDS OPENED

VERNON, Los Angeles Co., Calif.—Southwest Welding & Mfg. Co., Alhambra, submitted low bid to the Vernon city council at $12,450, for furnishing one 25,000-bbl. steel tank and appurtenances, under Spec. No. 97. The other bids were:

Chicago Bridge and Iron Works, $13,685; alternate bid (welded instead of riveted) $13,090.

Lacy Mfg. Co., $14,110.

Consolidated Steel Corp., $14,866.

Western Pipe & Steel Co., $15,400.

Buehler Tank & Welding Works, (welded) $13,050.

BIDS OPENED

SACRAMENTO COUNTY, Calif.—Berkeley Steel Const. Co., 2nd and Camelia Sts., Berkeley, submitted the low bid to the U. S. Indian Irrigation Service, Los Angeles, at $490, discount ½ of 1% 30 days, delivery 30 days, for furnishing and erecting one 1000-gallon capacity steel water storage tank on Wilton Rancheria, 22 miles southeast of Sacramento, under Inv. No. 0352. The other bids were:

American Pipe & Steel Corp., $575, delivery 14 days.

National Tank & Mfg. Co., $650; delivery 30 days.

34— PARKS AND PLAYGROUNDS

BIDS REJECTED

TECATE, San Diego Co., Calif.—The Treasury Department, Washington, D. C., rejected all bids for seeding and planting the grounds of the U. S. Post Office at Tecate.

City Wide Lawn Service, Inglewood, at $275, submitted low bid at previous bid opening.

Complete bids published November 16.

BIDS WANTED

HAYWARD, Alameda Co., Calif.—Until Dec. 18, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. post office at Hayward. Plans and specifications obtainable from the above office and from the Custodian of the Building at Hayward.

NEW BIDS WANTED

KINGMAN, Ariz.—Until December 22, 10 a.m., new bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Kingman.

Plans and specifications obtainable from the above office and from the Custodian of the Building.

At previous bid opening, City Wide Lawn Service Co., Inglewood, Calif., at $290, submitted low bid. (1135) *

BIDS WANTED

ALAMEDA-CONTRA COSTA Cos., Calif.—Until December 18, 11:30 a. m., as previously reported, bids will be received by the Board of Directors of Joint Highway District No. 13, in the Supervisors Chambers, Hall of Records, Fifth and Broadway, Oakland, for the completion of the approaches to Broadway Low Level Tunnel, Schedule "G".

The work involves:

(1) 45,000 c.y. grading;
(2) 500,000 sta. yds. overhaul;
(3) 600 c.y. structural excavation, Class A;
(4) 100 c.y. do., Class B;
(5) 245,000 sq. ft. shoulders;
(6) 33,000 lbs. reinf. steel;
(7) 430 c.y. concrete structures, Cl. A;
(8) 37,700 sq. ft. portland cement concrete pavement, 8-in.;
(9) 665,000 sq. ft. penetration oil macadam pavement;
(10) 1,200 l.f. 6-in. concrete curbs;
(11) 945 l.f. 12-in. concrete curbs;
(12) 2,500 sq. ft. concrete gutters;
(13) 9,000 sq. ft. cement sidewalks;
(14) 9 fill protectors;
(15) 1,000 l.f. 8-in. CMP culvert;
(16) 150 l.f. 12-in. do.;
(17) 500 l.f. 18-in. do.;
(18) 190 l.f. reinforced concrete pipe culvert, 24-in. "X";
(19) 1 manhole, standard top;
(20) 1 manhole, inlet top;
(21) 3 manholes, grating tops;
(22) 2 storm water inlets, type "B";
(23) 3 storm water inlets, type "C";
(24) 2,100 l.f. underdrain, 8-in. perforated CMP;
(25) 2,020 l.f. 6-in. cast iron pipe;
(26) 12,000 l.f. guard rail;
(27) 620 l.f. pipe hand rail;
(28) 90 c.y. riprap;
(29) 46,000 lbs. metal cribbing;
(30) Repairing damage and imperfect work and drainage on highway construction and appurtenant structures.

Plans and specifications obtainable from the office of Chief Engineer Wallace B. Boggs, 1448 Webster St., Oakland, upon deposit of $50, of which amount $40 will be returnable.

35— TUNNELS

BIDS WANTED

MARIPOSA CO., Calif.—Until December 15, 2 p.m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for construction of approximately 0.504 mile tunnel and portal cut, Section A5, Route 3, the Big Oak Flat Road, Yosemite National Park, Mariposa County.

The principal items of work involved are:

(1) 0.6 A. clearing;
(2) 0.6 A. grubbing;
(3) 2,450 c.y. unclass. excav.;
(4) 168 c.y. do., for structures;
(5) 175 lbs. structural steel;
(6) 621 c.y. Class A cement stone masonry;
(7) 702 c.y. hand laid rock embankment;
(8) 2167 l.f. tunnel excavation;
(9) 170 l.f. adit excavation;
(10) 180 c.y. chamber excavation.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS WANTED

ALAMEDA-CONTRA COSTA Cos., Calif.—Until December 18, 11 a.m., bids will be received by the Directors of Joint Highway District No. 13, in the Supervisors' Chambers, Hall of Records, Fifth and Broadway, Oakland, for the completion of ventilation, mechanical, and electrical equipment in the Broadway Low Level Tunnel, Schedule "E".

Bids will be taken as follows:

Proposal I—Lump sum, completion of ventilation equipment, mechanical equipment, and electrical equipment;

Proposal II—(a) Completion of ventilation equipment; (b) Completion of mechanical equipment; (c) Completion of electrical equipment.

Plans and specifications obtainable from the office of Chief Engineer Wallace B. Boggs, 1448 Webster St., Oakland, upon deposit of $50, of which amount $40 will be returnable.

BIDS WANTED

SAN FRANCISCO.—Until December 9, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,990, for making final test borings on the Parker Ave. slide, between Turk and Anza Streets. Estimated cost, $6,000.

The work involves:

(1) 2,500 l.f. test borings (1 ft. to 75 ft. deep, 6-in. diam.);
(2) 300 l.f. test borings (75 ft. to 150 ft. deep, 6-in. diam.);
(3) 700 l.f. 2-in. pipe casings (permanent).

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10. *

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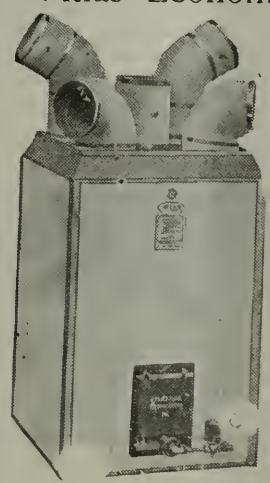
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IN THIS ISSUE

November Building In West Totals $19,117,000

Air Base Grading Bids January 15

Building Permits, Advance Reports of Building and Engineering Projects

December 12, 1936

Vol. XIX—No. 61

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BUILDERS AGREE ON CARPENTER APPRENTICE PLAN

Terms For Statewide Training Program Discussed By Committee

The basis for an apprentice training program to be agreed upon between general contractors and the carpenters' union was discussed at a meeting last week in Sacramento of the industrial relations committee of Central California Chapter, Associated General Contractors.

Two essential points on which negotiations for a statewide program will be attempted were established: (1) A starting minimum wage of 25 per cent of the journeyman scale; (2) An entering age limit of 23 years.

The committee authorized W. E. Hague, secretary-manager of the chapter, to submit these proposals to the Bay District Council of Carpenters on behalf of the contractors.

Walter W. Campbell of Sacramento, chairman of the committee, said that an agreement had been made in Sacramento in cooperation with the union to employ apprentices at 25 per cent of the journeyman wage for the first six months. L. S. Peletz of Stockton stated the arrangement in that city was to allow pay to be determined by the contractor for the first year of apprenticeship, with rates established for subsequent years by agreement being 70 cents an hour for the second year; 82½ cents for the third and $8 per day for the fourth year. The rates are based on a journeyman scale of $8.80.

S. G. Jonnson of Oakland advised that the carpenters in the eastbay were favorable to an apprenticeship agreement. Dave Bunker of San Jose said a starting wage of $4 per day was prevailing in that locality, but was considered too high for contractors to pay for inexperienced labor.

The tendency to extend schooling was held to be an important factor in raising the age limit for indenturing apprenticesfro m 22 to 23 years, Frank L. Hoyt of San Jose calling attention to the fact that many boys remain in school now until they are 20 or 21.

COAST BUILDING PERMITS

Summary of permit valuations reported to DAILY PACIFIC BUILDER by principal city and county building inspection departments of seven Western states. For detailed report turn to Page Six.

	1934		1935		1936	
	P'mts	Value	P'mts	Value	P'mts	Value
January	5447	$4,434,236	6,443	$ 7,459,402	8242	$14,295,621
February	5122	5,442,120	6,489	8,860,441	7631	14,603,964
March	5490	6,732,727	8,260	10,566,775	11,085	20,035,406
April	5729	5,068,765	8,253	13,155,506	11,368	18,617,531
May	5481	5,775,565	9,038	11,758,298	10,408	19,743,314
June	5691	5,203,830	8,021	10,441,570	11,346	20,840,952
July	5623	5,130,440	8,353	11,443,410	11,386	20,786,968
August	6734	5,307,474	8,916	11,405,240	12,352	20,991,610
September	7490	5,454,163	10,193	10,037,286	14,162	21,353,157
October	9173	8,607,019	11,716	11,706,511	14,303	25,154,260
November	6891	5,681,180	9,180	11,085,495	11,836	19,117,363
December	5913	5,709,858	7,570	12,663,221	.....	.....
Total	74784	$68,547,377	102,432	$130,553,335	.....	.....

Private Work Volume Features November Building Permits; Coast Total, $19,117,000

Privately-financed building awards in November were only moderately lower than for the month of October, according to official reports of city and county inspection departments of seven western states, although the month's total building volume failed to equal the record-breaking previous month.

The preliminary total for November is $19,117,363 with all but a few smaller cities reported. This compares with a final total for October of $25,154,260, and with the total for November, 1935, of $11,085,495.

For eleven months of this year the reporting group of cities issued permits valued at approximately $215,000,000, comparing with about $118,000,000 for the same period of 1935. The prospect is for a December total exceeding that of any other month of the current year, anticipating an award of the pending $6,000,000 contract for the Los Angeles Federal Building and including the $2,000,000 contract already let for the new Oregon State Capitol at Salem. These two public awards added to a normal volume of private building would bring the December total to more than $25,000,000.

November building totals include an exceptionally small percentage of public awards and the difference between the October and November totals of about $6,000,000 is accounted for largely by the absence of publicly-financed contracts. Los Angeles permits for October included public schools to cost $2,500,000, while there were none in November. The same city reported dwellings and apartments to provide 880 new family units started in November with a value of $3,037,567. In October permits were issued covering 838 family units valued at $3,357,050.

Public work amounting to more than $1,000,000 was included in San Francisco's total for October, but there were no publicly-financed awards in the November total.

San Francisco issued 112 single-family dwelling permits valued at $499,330 in November comparing with 124 permits for $555,700 in October. Oakland issued 66 permits for one- and two-family dwellings to cost $310,000 in No-

vember comparing with 79 permits for $394,000 in October.

Following are highlights of the month's reports from various cities:

LOS ANGELES. The construction of 33 apartment houses and 667 dwellings provided housing facilities for 880 families, during the month in which 2,882 permits were issued for work costing $4,397,271. The value of new dwellings and apartments was $3,037,567, 69 per cent of the total permit figure, J. J. Backus, superintendent of building, announced.

SAN FRANCISCO. Permits were issued for private work costing $1,073,497 during the month. This figure compares favorably with the November, 1935, total of $1,125,628, when the fact that the latter figure includes $450,000 worth of public work is taken into consideration.

VISALIA. Building permit figures indicated that nearly four times as much construction was started this November as in November, 1935. The totals for the two months were $47,421 and $10,785, respectively, with a record yearly total of more than half a million expected by City Engineer N. A. Hunt.

SAN JOSE. The value of homes started in November was three times as great as in the same month last year, with 25 permits issued for homes costing $103,550, as against 8 permits for homes costing $24,315 in November, 1935. The building total for all types of construction was $159,020.

RENO. Fifteen dwellings valued at $85,633 helped swell the building permit total to $108,388, a tremendous increase over the November, 1935, figure of $39,652.

PORTLAND. Permits issued for an $80,000 post office and a $40,000 plant addition together with a substantial number of permits for residences costing between $5,000 and $12,000 brought the permit total to $553,905, a substantial increase over the total of $450,770 for the same month last year.

PALO ALTO. Permits for twenty-five residences costing $152,450 were issued during November, bringing the month's total to $169,000, more than double the figure of $79,193 for November, 1935.

MODESTO. The highest monthly total since 1934 was reached this month when 12 permits for construction costing $4,135 were issued in the fourth week of November bringing the total to $83,135. Permits for work valued at $518,397 have been issued during the first eleven months of the year, it was revealed.

BAKERSFIELD. More dwellings have been built in Bakersfield in 11 months this year than in the preceding three years together, City Building Inspector Roy H. Hubbard states. Permits for the month totalled $147,816 maintaining the city's record of more than $100,000 in construction for every month this year, and bringing the eleven months' total to $1,592,314.

VALLEJO. Permits were issued for 28 dwellings, almost a home a day, valued at $98,000. These, together with a permit for the $50,000 Elk's Home brought the total for the month to $118,530.

SAN MATEO COUNTY. All existing building records were broken this month with the issuance of permits for construction costing $47,500, bringing the 11 months' total to more than $2,000,000, according to County Building Inspector William Watson.

SEATTLE. The building permit total of $296,295 for the month was somewhat lower than the November, 1935 figure of $362,160, but exceeded the combined totals for the same month in 1932, 1933 and 1934.

SAN MATEO. The 11-months' total amounted to $1,744,458, which exceeds any 12-month total since 1929.

Chicago Firm Bids $1,347,000 to Install Span Railway Signals

General Railway Signal Company of Chicago yesterday submitted the low bid to the State Department of Public Works for furnishing and installing railway signal and interlocking work on the San Francisco-Oakland bridge railway. The bid was $1,347,000. The only other bid was offered by the Union Switch and Signal Company Swissvale, Penn., at $1,390,000.

The contract is the first to be advertised in connection with construction of the bridge railway, although an award already has been made for initial clearing on the railway viaduct route in San Francisco, involving demolition of 34 buildings.

The work includes construction of an interlocking plant in San Francisco near the terminal building and a plant on the Key System mole in Oakland. Track circuits with required line control and power distribution for operation of cab signals and automatic train blocking are to be installed.

The track circuit area extends continuously from the San Francisco terminal to a point on the Key System tracks approximately 2500 feet west of the Southern Pacific Company right-of-way and eastward along the proposed bridge railway-Southern Pacific connection to a point about 750 feet west of the intersection of Twenty-sixth and Thirty-second streets in Oakland.

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WAGE SCALES SET FOR TWO PWA PROJECTS

Santa Cruz City and County Building Craft Rates Determined

Wage scales for two forthcoming PWA building projects in Santa Cruz County have been established by the county supervisors and the city council of Santa Cruz.

The city shortly will advertise a contract for the first unit of a new city hall and the supervisors are preparing to take bids for a courthouse and jail to be built in Santa Cruz.

Following are the daily rates in the two scales, based on an 8-hour day:

	City	County
Asbestos workers	$ 8.80	$8.00
Bricklayers' hod carriers	7.20	6.00
Electricians	9.00	8.00
Engineers, portable hoisting	11.00	8.00
Glass workers	8.48	8.00
Laborers	4.80	4.00
Lathers	10.00	8.80
Plasterers' hod carriers	7.20	6.00
Plumbers	8.80	8.00
Steam fitters	8.80	8.00
Stone cutters	8.80	8.00

Other classifications adoptd by the city were identical to the county scale. They are:

	Per Day Wage	Hourly Wage Rate
Bricklayers	$10.00	$1.25
Cabinet workers	8.00	1.00
Carpenters	8.00	1.00
Cement finishers	8.00	1.00
Concrete laborers	4.80	.60
Housesmiths, arch iron (outside)	8.00	1.00
Insulators	8.80	1.10
Linoleum layers	8.00	1.10
Marble setters	9.00	1.125
Painters	8.00	1.00
Plasterers	10.00	1.25
Plumbers' helpers	7.20	.90
Power Shovel operators	12.00	1.50
Power shovel oilers	7.20	.90
Roofers, composition	8.00	1.00
Roofers, tile	10.00	1.25
Reinforced steel worker	10.00	1.25
Sheet metal worker	8.00	1.00
Stone setter, soft or granite	10.00	1.25
Stone derrickmen or engineer	12.00	1.50
Tile setters	10.00	1.25
Welders, structural frame on building	9.00	1.25
Watchmen	4.00	.50
Truck drivers, 2 yards or less	6.00	
Truck drivers, 3 yards or less	6.50	
Truck drivers, 4 yards or less	7.00	
Truck drivers, 5 yards or less	7.50	
Truck drivers, 6 yards or less	7.50	
Concrete mixer operator	8.00	1.00
Asphalt and mastic floor layers	8.80	1.10
Tile setters' helper	6.00	.75
Weatherstrippers	8.00	1.00
Waterproofers	8.00	1.00
Vitrified pipe layers	8.80	1.10

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—double the above rates.

BIDS INVITED FOR WHARF AT REDWOOD CITY

Municipal Harbor Improvement Aided By PWA Grant

Bids were called for January 4 by the Redwood City Council yesterday for the construction of a timber wharf and transit shed, the first portion of the municipal harbor improvement program for which a $200,000 bond issue was approved recently.

The work will consist of constructing a 450-foot timber wharf on creosoted piles having a 2-inch asphaltic wearing surface floor. The area of the wharf will be 36,610 square feet.

The transit shed will be of timber frame construction with corrugated iron sides and a composition roof. The sub-structure will be an integral part of the wharf having the same asphaltic wearing surface flooring as the dock. It will be 100 by 120 feet in size and have a capacity of 250 tons per day.

Plans and specifications for the entire harbor improvement program have been prepared by City Engineer Charles Dimmitt. The completed project will include a spur track, sewer improvements, roadway connections, and terminal facilities.

The estimated cost of the portion for which bids are being called is approximately $160,000. A PWA grant of $71,235 representing 45 per cent of the cost has been granted to the city for the improvement.

16 ENGINEERS ON EXPOSITION STAFF

The Structural Engineers' Association of Northern California has 16 members who are now employed by the San Francisco Bay Exposition, William H. Popert announced yesterday in revealing the results of a recent check of members' present positions.

The following are listed as being employed by the Exposition by the Association: Vice - president and Director of Works W. P. Day; Chief of Division John B. Leonard; Structural Draftsman George Jennings (both of the division of roads - bridges - paving); Chief of Division John J. Gould; Structural Engineers Hyman Rosenthal, J. Albert Paquette, Preston Jones, Fred Hall, Mac D. Perkins, S. C. King, and Assistant Structural Engineers R. F. Lyman, A. G. Atkinson, John Cherno of the division of structural engineering; Junior Structural Engineer J. A. Sonne; Chief of Division Harry Vensano of the division of estimates and construction; and Structural Engineer John Conzelman of the division of specifications.

Concrete Handling Equipment Display For Chicago Meet

One of the greatest exhibits of concrete equipment, accessories and supplies that has ever been shown in conjunction with concrete men's conventions will be held in Chicago on January 18, 19 and 20 during the meetings of the National Conference Masonry Association, National Conference of Concrete Contractors, The Cast Stone Institute, The American Concrete Pipe Association, and the National Cinder Concrete Products Association.

In addition to concrete mixers, block manufacturing machinery, special form systems, form clamps and many other interesting displays, there will be an exhibit of equipment for pumping concrete on small jobs.

Members of the exhibitors advisory board of the Concrete Industries Exposition, which is sponsoring the show, include prominent men from every branch of the cement industry.

Eugene F. Olsen of the Stearns Manufacturing Co., is Chairman of the Board. Assisting him on the Board are: Jesse H. Besser, Besser Mfg. Co.; Louis Brookman, Jr., Concrete Publishing Corp.; J. H. Chubb, Pennsylvania-Dixie Cement Corp.; D. S. Colburn, Marquette Cement Mfg. Co.; B. F. Devine, Chain Belt Co.; Lion Gardiner, The Jaeger Machine Co.; Robt. Harris, Blaw Knox Co.; A. E. Hjerpe, Consoildated Cement Corp.; D. S. MacBride, International Cement Corp.; D. H. MacFarland, Medusa Portland Cement Co.; Roy N. McCandless, Cinder Block, Inc.; Frank Muenzer, Multiplex Concrete Machinery Co.; Thomas W. Noble, Thos. W. Noble Co.; H. H. Potts, Pottsco Corp.; B. H. Rader, Lehigh Portland Cement Co.; T. A. Rehnquist, T. A. Rehnquist Concrete Floor Co.; Dan F. Servey, Haydite Corp.; J. L. Shiely, J. L. Shiely Co.; Blaine S. Smith, Universal Atlas Cement Co.; H. F. Thomson, General Material Co.; Stanton Walker, National Ready Mixed Concrete Assn.; and Benjamin Wilk, Standard Bldg. Products Company.

CITY GETS POWER BY BURNING REFUSE

Steam obtained from burning garbage in the city's new incinerator is being used to generate electricity in Providence, Rhode Island. The power derived is sufficient to operate the mechanical parts of the garbage plant and the municipal sewage disposal plant, according to engineers of Koppers Co.'s subsidiary, Hiler Engineering and Construction Co., Pittsburgh, builders of the plant. A saving estimated at $100,000 a year is anticipated for the city by the new installation.

GATE BRIDGE CABLE WRAPPING STARTS SOON

Paving Contractor Will Begin Operations On Suspended Section

With the giant traveler derricks that are laying the remaining suspended structure steel on the Golden Gate Bridge now 1300 feet apart preparations are being made to place the forms and reinforcing steel for the concrete pavement, according to C. E. Paine, principal assistant engineer.

The derricks in their retreat toward the two towers are widening the gap that separates them at the rate of about 150 feet a day, laying the remaining stringer, sidewalk, curb and rail sections as they proceed.

Following close behind them, riveting and painting crews of the Bethlehem Steel Company are working at top speed in order to keep pace and leave the way clear for the paving job.

Work preliminary to the erection of the wooden forms and reinforcing steel for the paving includes the laying of material tracks by the paving contractor. These will be used for the conveyance in trams of form material, reinforcing steel and concrete.

As this work proceeds, six big wrapping machines are being assembled and by the latter part of the week the wrapping of the giant 36½-inch cables will get under way.

Meanwhile work on the Marin approach span is expected to be completed this week, with the paving contractor engaged in putting the finishing touches on the sidewalk, curb and balustrades. Paving work on the high viaduct of the east approach road through the Presidio also is expected to be completed this week and paving crews are working on the highway section of the east approach between the high viaduct and the Lincoln Boulevard underpass.

On the two anchorages concreting of the cable housing is being continued and the east pylon on the Marin side is nearing completion.

This week excavations are to commence for the footings of the wing wall of the north abutment, and this job will be pushed forward at top speed in preparation for the fill that will connect the main approach span with the main Waldo approach highway, under construction by the state.

M. B. McGowan has started pile foundations under a city contract near the Palace of Fine Arts for the Lyon street outlet of the east approach road and work is going forward at top speed on the Sausalito lateral approach. Both of these are Works Progress Administration projects, the former sponsored by San Francisco and the latter by the Golden Gate Bridge and Highway District.

OFFICIALS ASK MODIFICATION OF HIRING RULES

Federal Aid Regulation Change Urged To Stabilize Crews For Contractor

Changes in the methods of hiring labor for highway construction to permit the contractor to build up his regular crews are recommended in a resolution adopted at the closing session yesterday of the American Association of State Highway Officials in San Francisco. The highway officials by this action take notice of the difficulties contractors have experienced in complying with present labor regulations on Federal projects and the resultant higher costs in contract prices.

If contractors are allowed to engage skilled and intermediate grade labor directly they will be able to train younger men to take the place of skilled workers as they retire or transfer to other crafts now threatening to create a serious labor shortage, it was pointed out. Change in the rules to permit a maximum working month of sufficient hours to give labor employed on seasonal highway construction a reasonable annual income, also is urged.

Other resolutions adopted prior to the convention adjournment yesterday afternoon: (1) Recommend utilization of state highway departments as the agencies for expending secondary road appropriations; (2) Acknowledge appreciation of Congress' appropriation for continuing Federal aid; (3) Request that any future work-relief funds appropriated for highway construction be expended through the Bureau of Public Roads and State Highway Departments; (4) Recommend copyrighting of the emblem used for marking United State numbered highways; (5) Advocating continued coperation with Central American countries in construction of the Pan-American highway; (6) Endorse the Pacific Coast highway proposed from Fairbanks, Alaska, to Santiago, Chile; (7) Asking a change in the method of advancing Federal aid appropriations to states; (8) Express appreciation for the entertainment program provided by the California State Division of Highways.

State Highway Engineer T. H. Cutler of Kentucky was elected president of the association for 1937. New vice-presidents are J. V. Keily, chief of the Rhode Island division of roads and bridges; R. A. Harris, state highway engineer of Mississippi; Ernest Lieberman, chief highway engineer of Illinois; James B. True, state highway superintendent of Wyoming.

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Fair Executives Pay Tribute to George W. Kelham

In tribute to the memory of the late George W. Kelham, Chairman of the Architectural Commission for the 1939 Golden Gate International Exposition, who died Monday following a heart attack, the Exposition's Executive Committee yesterday adopted the following resolution, to be placed in the historical records of the 1939 World's Fair:

"George W. Kelham, by his genius, endeavor and sacrifice, stood especially eminent in the planning and creation of the Golden Gate International Exposition of 1939. As chief of the architectural commission his services to the Exposition during the period of its preparation have been truly representative of the high ideals of the man and the artist.

"The loss to the city of San Francisco and to California is irreparable, for as an architect of international renown, the fact that he directed the structural beauty of the 1939 World's Fair is assurance to thousands throughout the world that it will be a city of enchantment for the peoples of all nations to enjoy.

"The executive committee of the 1939 Golden Gate International Exposition pledge themselves to carry on the work that he so ably performed; to do all in their power to bring to fruition this dream that belonged to his creative mind; and to erect in beauty of Exposition palace and tower a monument that will live forever in the memories of the cities by the Golden Gate he loved so well.

"In tribute, whereof, the 1939 Golden Gate International Exposition wishes to be placed on its historical record this expressed resolution of regret for the passing of their colleague and friend at the climax of his career, and their sincere sympathy to his family for the loss they have sustained, and which is shared by the entire community of the San Francisco bay region."

Mr. Kelham had been instrumental in the designing of two World's Fairs on San Francisco Bay, as he was also chief of architecture for the 1915 Panama-Pacific International Exposition. In addition, his architectural works represent the period of San Francisco's rebirth from the disaster of 1906, the year he arrived in this city. Among these structures were the Palace Hotel, Standard Oil, Shell and Russ buildings, the San Fancisco Public Library and the Federal Reserve Bank.

GRADING JOB ON AIR BASE BIDS JAN. 15

Leveling of Mile-Square Landing Area Forms Major Contract In Army Project

SACRAMENTO, Dec. 8.—A contract for grading the landing field of the new Army Air Corps Supply Depot, being constructed north of Sacramento, was released today by Major Arthur W. Parker, constructing quartermaster, for bids to be opened in Sacramento, January 15.

The area to be graded is approximately 1 mile by 1½ miles. It will require moving approximately 930,000 cubic yards of material. Unit price bids will be received for excavation, moving and leveling per cubic yards, for compacting approximately 127,000 cubic yards and for watering.

Plans and specifications may be obtained from the constructing quartermaster on deposit of $20.

Bids on the first building contract at the $7,000,000 air depot are to be opened next Monday by Major Parker. A warehouse and garage for the quartermaster are included in the contract, which will approximate $100,000.

Exposition Island Reclamation Work Two-Thirds Complete

Reclamation of Exposition Island, site of the 1939 Golden Gate International Exposition, is now 62 per cent complete, according to Leland W. Cutler, president of the Exposition.

Approximately 11,780,000 of the required 19,000,000 cubic yards of sand are now in place, while the three-mile rock seawall surrounding the site is 85 per cent complete, according to figures of the United States Corps of Engineers.

While some work on the ferry slips and administration building has been halted because of lack of materials due to the maritime strike, other construction work is going forward with the erection of the first steel for the airplane hangars. These two hangars, costing $400,000 each, will serve as exhibit palaces during the Exposition.

Next on the construction schedule will be six major exhibit units, comprising the main exhibit halls of the Exposition. Bids will be opened on December 16 and construction will start immediately thereafter.

Other units scheduled for completion by April 15, 1937, include the ferry slips, administration building and airport terminal hangars.

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SIX CONTRACTS TO BE OFFERED BY WORKS BOARD

Balance in PWA Fund Permits Extension of Pressure Mains

Bids on six contracts for city construction projects estimated to cost $179,500 will be on the market within the next 60 days. Assistant Director Sid J. Hester of the San Francisco Department of Public Works announced Saturday.

Bids will be called shortly on contracts for five projects extending the auxiliary water supply system for fire protection. Plans and specifications are being prepared in the office of City Engineer John J. Casey.

The proposed projects, together with their estimated costs, are: Installation of Section B in the Sunset District, $15,000; Section C in the Park Presidio District, $28,000; Section E in the Potrero District, $30,500; Section C in the Embarcadero District, $32,000, and Section F in the Potrero District, $33,000.

Funds for the projects have been allocated from the remainder of the $2,000,000 high pressure bond issue of 1933. The completion of the five jobs will finish the high pressure program of which 17 projects are under way or have been completed.

Bids will be called within the next 30 days, Hester stated, for the construction of an auditorium for the Visitacion Valley School. The project is estimated to cost $41,000 and will be paid out of the 1934 bond issue.

Last week the Public Utilities Commission issued a call for bids to be opened December 18 for the construction of a chlorinating plant near the Tesla Portal of the Hetch Hetchy Aqueduct coast range tunnel. The contract calls for the construction of a chlorinator building including the installation and furnishing of a 3-ton traveling crane hoist, a pump house and keeper's house and garage, together with considerable miscellaneous equipment.

Bids will be opened December 9 for the Crystal Springs Pipe Line No. 2 which will run from the existing outlet tower at the Crystal Springs Dam to a point on the El Camino Real near Burlingame. The pipe line which will connect with the other portion of Crystal Springs project now being constructed by the Youdall Construction Company at the contract price of $1,315,280, will be 4.75 miles in length.

The final project in the list of proposed jobs for which bids will be called is the Lowell High School boys' gymnasium listed in the pending PWA application at $139,596.

Hospital Improvements In California Aided By $662,000 Contribution Of PWA Funds

The Public Works Administration, in the last three years, has become America's leading hospital builder and in California this Federal agency has shared in the erection of nearly two million dollars of hospital construction, affecting fourteen of this state's heavily populated counties, according to a report made to A. D. Wilder, state Public Works Administration director for California.

In forging a nation-wide chain of defenses against disease, the Public Works Administration is responsible for 64 per cent of all recent hospital construction in the United States, according to the report, and in this state, with $662,000 of outright grants from the Federal Government, thirty new and well-distributed hospital buildings are being constructed or have been completed, providing 800 additional beds for California's sick and injured.

The largest single hospital unit erected in California with Federal Works Administration aid, was built by the State of California at Camarillo, Ventura County, where five new buildings have been constructed at a cost of over $600,000, toward which this Federal agency contributed $171,500 in the form of a grant.

In Santa Barbara County, two new hospital units have been constructed at Santa Maria and Goleta, involving an expenditure of $58,000. In Kern County, near Bakersfield, a home for aged, built in connection with the county hospital, was recently completed.

Ventura County added a new ward building to its county hospital and in Orange County, an addition was made to the county tuberculosis hospital and county farm.

In Northern California, the city of Atwater, in Merced County, has completed a childrens' tuberculosis preventorium at a cost of $90,500, most of which cost came from the estate of a philanthropist. At the city of Hanford, four new buildings have been added to the Kings County General Hospital. Visalia has a new hospital building, known as the General Municipal Hospital of Tulare County. Kings County has also joined partnership with Tulare County in constructing hospital buildings at Springville, Cal., for the care of sufferers from tuberculosis, the allotment for this improvement having been just recently approved by Pres. Roosevelt.

A county hospital for indigents is being constructed in Madera Co., while Shasta County is also building a new hospital at Redding. Sacramento County is constructing a new building for indigent women and a tubercular unit has been completed at Salinas as an addition to the Monterey County Hospital. In Santa Rosa, Sonoma County, a new hospital building and nurses' home are rapidly nearing completion, while at Red Bluff, the County of Tehama is erecting a new general hospital building.

According to a recent report, the number of hospitals throughout the nation had decreased, between 1923 to 1936, from 6,009 to 5,404, partially because of consolidations despite the fact that many communities were without hospitals and facilities in others were inadequate. It was even found, in a few cities, that almost medieval conditions existed in public hospitals which had for years been in need of rehabilitation or replacement.

$397,000 SPENT IN SAN MATEO DAY-LABOR JOBS

County Engineer Reports On Year's Construction With The WPA Forces

WPA day - labor work in San Mateo County during the past year cost $397,422 and provided 291,684 hours of labor, equivalent to 2,570 man-months, Engineer U. S. Marshall announced this week, following an analysis of WPA statistics.

Government grants accounted for 57 per cent of expenditures as against 33.7 per cent from the county, and 9.3 per cent from the unemployment relief funds, figures revealed.

Of the federal contribution $159,249 was spent for wages and $65,814 for tools and equipment rental. The road departments' $133,716 contribution included county road equipment furnished on a rental basis, $71,179; material, $15,575; wages, $23,635, and engineering and clerical wages, $11,286.

Work done included: 171,800 cubic yards of roadway excavation; five miles of road shaping; two miles of shaping and placing rock base; 23.6 miles of shaping, placing rock base and asphaltic wearing surface; 1838 cubic yards of reinforced concrete structures; 82 manholes; the laying of 22,463 lin. ft. of various pipes; clearing 52 acres of timber; constructing five miles of fences; 70 cubic yards of rubble masonry and 500 cu. yds. of ditch lining; erecting a 110-foot suspension bridge, a septic tank and ice houses at Memorial Park, and 6000 cubic yards of structural excavation.

vide high clearances alone accounts for heavy yardage because of the wide sections. The slopes are designed to permit the quick establishment of ground cover, and all the work, even that recently finished, is well sodded. The top oil has been conserved and replaced, and in an inspection covering most of the completed mileage there was no evidence of unprotected slopes or destroying erosion. Mechanical equipment in service is for large scale production. For hauling, use is made of industrial locomotives and small narrow-gauge steel dump cars rather than trucks which are common in this country. In the operations of pavement construction the curbs are first built. These provide tracks for steel rails on which move the combined mixer and distributor, the tamper and the finishing machines. A vry dry mix concrete is used, and is heavily tamped. The quality of construction is good. The surfaces are smooth riding and both the design and workmanship of the structures are particularly good. While the structures are largely of reinforced concrete or of reinforced concrete substructures with steel superstructures, there are variations in the larger viaducts. In a few examples observed, masonry arches were used; long highway viaducts were largely of steel.

"Where construction has been fully completed the meticulous attention which has been given to the final finish is praiseworthy, and the large scale operations reflect high-class engineering and efficient supervision."

Traffic conditions in European countries, however, are so completely dissimilar to those of the United States that their highway system designs are not adaptable generally here, Mr. MacDonald said.

"We must grasp the highway problem in this country more firmly," Mr. MacDonald declared. "We must raise our standards to the new levels demanded by the universal utility of the motor vehicle. Two distinct programs are indicated. First, the systematic rehabilitation of existing highways by the actual incorporation of new construction to promote safely and greater utility. The second program is the long-time plan which will be based upon the principles illustrated by these examples from other countries, and by wide experience in our own country. The highway transport surveys now under way are basic. It is my deep seated hope that the highway department of each state will recognize the essential quality of the information which is being gathered. If the program of the next five to ten years is to provide the public with highway service that is not now even approached in any State, it must rest on this transport survey foundation. The underlying soundness of planning a belt line intercepting highway plus radial roads on new right - of - ways to serve the metropolitan areas, and introducing the new feature of providing this complete service only for the passenger motor vehicle, is supported by the traffic studies heretofore made.

"These studies indicate the overwhelming preponderance of passenger motor vehicle movements in the metropolitan areas, particularly on week-ends and holidays. To provide free flow highways leading from the cities well into the country, and to permit the distribution of vehicles on these radial highways, from and to their own quadrants in the city over one or more belt line highways, will add immeasurably to the potential utility of the motor vehicle to the urban dweller, and such development will be supported by this increased use. This conception goes further, however, and recognizes that the trend of the world is toward a greater recognition of social values. The motor car is one of the instruments from which we are not securing the potential social services in the nightmare of congested streets or highways at times of peak traffic. Unfortunately there is no way to stagger Saturdays, Sundays and holidays. The city dweller either makes use of his car along with his tens of thousands of neighbors, or does not use it.

"These radial roads will be reserved for automobile traffic. There is need in some limited sections of the country for the extension of such roads until they connect with those radiating from other large centers of population to form continuous routes wholly disconnected from our present system of highways. To the extent that other traffic, such as pedestrians or bicycles, may use such routes, separate ways must be provided. But the design must go a step further than does the design of the German, the French, or of our own roads, and provide for the complete separation of local from thru travel by parallel service roads. The exclusion of local travel, as on the German roads, is unthinkable. In fact, the exploding of the cities by the development of small acreages for homes is dependent upon the provisions for local traffic service. In our programs, both for the rehabilitation and for the long term plan, we must accept as an essential the separation of grades at major highway intersections. This is one of the most important factors in stepping up the safe utility of our existing highways.

"Notwithstanding the very extensive operations which have been carried on cooperatively by the State highway departments and the Bureau of Public Roads, for the past several years, this discussion is largely devoted to the problem of lifting the standards of future operations rather than to the recording of the activities of these immediate years, which have been filled with earnest endeavors to give the maximum of employment. The State highway departments and the highway contractors merit an expression of since appreciation on the part of the Federal officials for their diligence, patience and effective efforts to carry into effect regulations which were diverse and difficult. This problem of employment is yet with us and to a large degree will remain with us, but we can, in addition, recognize more fully that we must intelligently look at what we are doing, and determine the method of attack on these problems of highway traffic that are growing constantly more difficult.

"Since the emergency programs to provide employment were undertaken in 1933, the highways put under way by the State departments and the Bureau from funds under the immediate direction of the Bureau have reached more than 62,000 miles. This is equivalent to at least twelve highways across the country from north to south, and an equal number from east to west. More than 21,600 miles have been included in the construction programs of the last 18 months only. Even this immense program has been to slow. It has not with sufficient rapidity absorbed the funds for construction. There are many causes that have delayed the beginning of work on important projects, particularly right of way difficulties, but I am bringing this observation into the discussion here since we have now to face the formulation of a new large program for the coming year. Highway construction, including State and Federal funds, can reach above $800,000,000 if the States all meet their Federal aid apportionments. The only way that the public can be led to see its loss in the drag in State programs because of diversion of highway funds to other than road purposes is by the formulation of the timely programs that are possible if these funds are conserved and used for the purposes for which these special taxes are levied. As an integral part of the present highway policy, the participation in the improvement of major traffic routes within the cities and the grade crossing elimination projects are rapidly maturing facilities of the utmost value. In our new program there is the introduction of the secondary road improvement program as a part of the permanent highway legislation. Without going fully into the approach to this important new development, two principles will be observed in the regulations which are issued,—first, that the Federal Government will deal only through the State highway departments, and second, that the application of the funds will be upon a definite secondary road system."

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MARKHAM RAPS DRIVE AGAINST GASOLINE TAX

Propaganda Used To Prejudice Motorist, Association Executive Says

Propaganda inspired by oil companies to create sentiment for a reduction in gasoline taxes was denounced by W. C. Markham, executive secretary of the American Association of State Highway Officials, in his annual report to the convention

"You can't have improved highways unless somebody pays the bill," Mr. Markham said. "The size of the roadbuilding program depends upon the size of the appropriation made for that purpose. Ever since a real road building program began, legislatures have provided funds for this purpose through motor license fees and the gasoline tax. The increase or decrease of these fees regulates the number of miles which can be added to the improved road systems.

"For some months organizations interested in the sale of gas have been publishing information with the thought of prejudicing the driving public against the present rates in force. Here is one of their arguments appearing on the front pages of the press within the last ten days: 'Gasoline Taxes Soar—The average prices of gasoline dropped from 21.06 cents a gallon in 1923 to 14.06 cents a gallon as of October 1, 1936: Taxes on gasoline, however, have risen from an average of .91 cents a gallon in 1923 to 5.34 cents this year.'

"Now everybody knows that through the scientific development of the processes for extracting gasoline from crude oil, the manufacturers now secure double the amount of gasoline per gallon of crude oil as was obtained some years since. Naturally the price of gasoline has dropped, which autocatically creates greater consumption, but dividends on oil stock have not been reduced and no one can brazenly say that the profits in the gasoline business have suffered. Therefore why the comparison. The gasoline producer is not giving the public anything—not if he can help it.

"On the other hand, in 1923 the State gas rate averaged 1.8 cents per gallon in the 35 States which had a gas tax—not .91 of a cent. The average rate today it 4.18 cents, not counting the Federal one cent tax.

"Do these oil companies believe that the driving public would prefer to go back to 1923 and slow up the road building program. Everybody knows full well that the motor fees and gas tax paid by the people have been transferred into roadbed, bridges and elimination of railroad crossings. In 1923 there were 80,200 miles of surfaced roads of all kinds in the United States. Today there are close to 400,000 surfaced miles on the state systems alone, and over 585,000 surfaced miles on county and township roads. The improved mileages in 1923 were but a little over 8 per cent of what they are today.

"It is true that many people think that Uncle Sam should not tax gasoline, but from 1917 to 1924 to total contribution for highways was $452,000,000 (an 8-year period). During the past year alone he authorized the expenditure of $525,000,000 for state roads alone."

Commenting on the emphasis on safety in road design to meet present traffic conditions, Mr. Markham said:

"During the last year the state highway departments have constructed 2,456 bridges. At the same time the highway departments eliminated 480 railroad crossings, making a total of over 7,000 railroad crossings which have been eliminated during the past decade, and mind you, this has been on the state road systems only. Last year over 25,800 miles of improved highways were added to the improved mileage in state systems; and so, of the 430 odd thousand miles on the system, 82 per cent are surfaced. But the other side of the picture is that only 54 per cent is of a dustless or better type of construction."

$643,939 BID ON CRYSTAL SPRINGS PIPELINE WORK

4¾-Mile Section To Complete New Supply Line From Peninsula Storage

Williams Bros. and Haas, Inc., San Francisco, submitted the low bid of $643,939 to the San Francisco Public Utilities Commission yesterday for the construction of the Crystal Springs Pipe Line No. 2 from the existing outlet tower at the Crystal Springs Dam to a point on the El Camino Real near Burlingame, a length of 4.75 miles.

Emsco Derrick and Equipment Company of Los Angeles was second low, at $655,480.52. R. G. Clifford and the Union Paving Company, both of San Francisco, were the only other bidders.

No bids were received under Alternate Proposition 2, calling for approximately 22,860 lineal feet of 57-inch inside diameter steel cylinder reinforced concrete pipe, together with approximately 1,760 lineal feet of 6-inch by three-eights inch welded steel pipe.

Under Proposition 1 the contractor will place 24,620 lineal feet of 60-inch inside diameter welded steel pipe of three-eighths-inch plate thickness, and 660 feet of 78-inch welded steel pipe of one-half-inch plate.

Highway Rehabilitation To Meet New Traffic Standards Essential, Says Chief of Bureau

Road building standards must be raised to higher levels by systematic rehabilitation of existing routes and the incorporation of greater safety and utility in new construction, Thomas H. MacDonald, chief of the U. S. Bureau of Public Roads, told the nation's highway engineers assembled in convention in San Francisco yesterday.

Mr. MacDonald drew on his experiences in a recent tour of highway systems in European countries for examples of the type of construction to be avoided and that to be emulated in the future development of America's highway system. He spoke particularly of the extensive construction program completed and in progress in Germany, where 4300 miles of super highways are being created.

"The design calls for very easy gradients, long sight distances and long radius curves," Mr. MacDonald said in describing these routes. "The section design calls for two roadways, each approximately 29 feet in overall width, separated by a sodded strip 13.65 feet wide. Each roadway consists of a portland cement concrete slab 24.37 ft., an inside curb 1.3 feet, and an outside curb 3.25 feet, in width. These curb strips are covered with a bituminous mix, thus giving the grayish-white center a wide black border. Cross highway traffic is generally carried over the main highway without materially raising the level of these cross roads, meaning that the main route is placed in deep cuts. In some cases they are carried over railways.

Various types of access roads have been developed, depending upon the actual amount of traffic eventually expected. The clover leaf design is in less general use with its 4-way connections than the so-called trumpet design. At the present time, upwards of 1000 miles of the autobahnen have been completed, although all of this mileage is not as yet open for traffic.

"As a national system relative to the area of the country, this conception of the German Government goes far beyond any modern similar undertaking by any nation, when measured by miles, by the generous dimensions of the typical design, and by all of the auxiliary work, including structures, approaches and landscaping.

"The construction features, as will be inferred from the description of the design, involve heavy grading. The carrying of the autobahnen below cross roads to pro-

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2463	Hallgren	Owner	4000
2464	Vollert	Papenhausen	9000
2465	Ruegg	Owner	4000
2466	Schneider	Hallgren	4000
2467	Nagel	Moore	13000
2468	Western	Cobby	5000
2469	Thorinson	Owner	3500
2470	Mattere	Owner	1000
2471	General	——	2500
2472	Moore	Hardy	1675
2473	Moore	Hardy	1675
2474	Hoeffler	——	15000
2475	Regal	Wold	8000
2476	Mendo	Owner	4000
2479	Lindsay	Owner	3000
2480	Lindsay	Owner	3000
2481	Lindsay	Owner	3000
2482	Lindsay	Owner	3500
2483	Lindsay	Owner	3000
2484	Laning	Geltens	2000
2485	Draffin	Owner	4000
2486	Gardiner	Risdon	6000
2487	Burke	Lindsay	3950
2488	Draffin	Owner	4000
2489	Lindsay	Owner	4000
2490	Lindsay	Owner	4000
2491	Bernhardt	Owner	3500
2492	Bernhardt	Owner	3500
2493	Bernhardt	Owner	3500
2494	Bauer	Presio	2750
2495	Pagri's	Giusti	1950
2496	Toms	Damico	8000
2497	Nator	Fink	3950
2498	Down	S. F.	3500
2499	Standard	Standard	3000
2500	Standard	Owner	125000
2501	Bedau	DuPuy	11000
2502	Bassadonne	Oshanna	1500
2503	Brambilla	Owner	3000
2504	Barbonchielli	Erickson	5900
2505	Cresta	Baker	5000
2506	Keyes	Scott	1000
2507	Cancelo	Owner	1250
2508	Bothin	Siegrist	1400
2509	Capital	Langfelder	6000
2510	Schwartz	Owner	3500
2511	Almlie	Owner	4000
2512	Troy	Coburn	2000
2513	Myers	Jacks	1800
2514	Meyer	Owner	3900
2515	Depaoli	Berwick	4000
2516	Golden	Phoenix	1000
2517	Anglo	Coburn	4000
2518	Depaoli	Berwick	4000
2519	Mendo	Mendo	3500
2520	Thrall	Owner	2600
2521	Pickwick	Jensen	1200
2522	Meyer	Owner	3800

DWELLING
(2463) E FUNSTON AVE. 350 W Taraval. One - story and basement frame dwelling.
Owner—A. Hallgren, 1594 19th Ave.
Architect—C. O. Clausen, 746 46th Avenue. $4,000

DWELLING
(2464) E SANTA PAULA 129 N Yerba Buena. Two - story and basement frame dwelling.
Owner—Arthur J. Vollert, 329 West Portal Avenue.
Contractor—H. Papenhausen 595 Victoria.
Architect—Maybeck, White and Merchant, 406 Russ Bldg. $9,000

DWELLING
(2465) E DESMOND 64 N Sunnydale. One - story and basement frame dwelling.
Owner and Builder—The Ruegg Co., 369 Pine Street.
Architect—Not Given. $4,000

DWELLING
(2466) NE SOLA and Marcela. One-story and basement frame dwelling.
Owner—Alf. B. Schneider, 555 Buena Vista Avenue.
Contractor—A. Hallgren, 1594 29th Avenue.
Architect—Schultz & Dakin, 455 Market Street. $4,000

DWELLING
(2467) N GREEN 169 E Divisadero. Two - story and basement frame dwelling.
Owner—Gunther W. Nagel, 2341 Vallejo Street.
Contractor—Moore and Roberts, 693 Mission Street.
Architect—Houghton Sawyer, Howden Bldg., Oakland. $13,000

DWELLING
(2468) W DE HARO 40 N 18th. One-story frame dwelling.
Owner—Western Can Co., 17th and Rhode Island Streets.
Contractor—J. W. Cobby and Sons, 260 Tehama Street.
Architect—Not Given. $5,000

DWELLING
(2469) E FARALLONES 475 E Plymouth. One-story and basement frame dwelling.
Owner and Builder—F. H. Thorinson 1630 Ocean Avenue.
Architect—Not Given. $3,500

ALTERATIONS
(2470) 2010 GRANT AVE. Alter a dwelling.
Owner—Francisco Mattere, Prem.
Architect—Not Given. $1000

SERVICE STATION
(2472) NE 25th AVE AND LAWTON. One-story Class C service station.
Owner—General Petroleum Corporation, Parr Terminal, Oakland.
Contractor—Not Selected.
Architect—Not Given. $2500

ALTERATIONS
(2473) 310 SANSOME ST. Alter offices.
Owner—Walton N. Moore Co., Prem.
Contractor—A. M. Hardy, 736 Clementina.
Architect—Not Given. $1675

APARTMENTS
(2474) S. UNION, 45 E CALHOUN. Three-story frame apartments.
Owner—Ian W. Hoeffler, 22 Alta.
Contractor—Not Selected.
Engingeer—W. L. Huber, 1 Montgomery St. $15,000

WAREHOUSE
(2475) W. TREAT, 170 N 20TH. Steel frame warehouse.
Owner—Regal Amber Brewing Co., 675 Treat Ave.
Contractor—C. L. Wold Construction Co., 4412 Fulton. $8000

DWELLING
(2476) W. MALLORCA WAY, 60 N CAPRA WAY. One-story and basement frame dwelling.
Owner—Mendo Corp., 1136 Clement St.
Architect—Not Given. $4000

DWELLING
(2479) E. 31ST ST., 175 N RIVERA. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce.
Architect—W. E. Huson, 2808 Pierce. $3000

DWELLING
(2480) E. 31ST AVE., 150 N RIVERA. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce.
Architect—W. E. Huson, 2808 Pierce. $3000

DWELLING
(2481) E. 31ST AVE., 125 N RIVERA. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce.
Architect—W. E. Huson, 2808 Pierce. $3000

DWELLING
(2482) E. 31ST AVE. AND RIVERA. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce.
Architect—W. E. Huson, 2808 Pierce. $3,500

DWELLING
(2483) E. 31ST AVE., 200 N RIVERA. One-story and Basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce.
Architect—W. E. Huson, 2808 Pierce. $3000

STEEL BUILDING
(2484) N. NINTH ST., 80 E MISSION. Steel super building.
Owner—Paul Laning, care Contractor.
Contractor—H. T. Gettins Co., 268 13th St.
Architect—Not Given. $2000

DWELLING
(2485) W. STANYAN, 266 S GEARY. One-story and basement frame dwelling.
Owner—T. J. Draffin, 690 34th Ave.
Architect—H. C. Baumann, 251 Kearny St. $4000

DWELLING
(2486) S. NORTH POINT, 125 E WEBSTER. Two - story and basement frame dwelling.
Owner—H. A. and M. C. Gardiner, 3520 Broderick.
Contractor—Risdon Bros., 1324 Portola Drive.
Architect—Not Given. $6000

DWELLING
(2487) S. 21ST ST., 127 W CHURCH. One-story and basement frame dwelling.
Owner—Walter Burke, 483 Valencia.
Contractor—C. T. Lindsay, 140 Duboce.
Architect—W. E. Huson, 2808 Pierce. $3950

DWELLING
(2488) W. STANYAN, 282 S OF GEARY. One-story and basement frame dwelling.
Owner—T. J. Draffin, 690 34th Ave.
Architect—H. C. Baumann, 251 Kearny Street. $4000

DWELLING
(2489) W. 33RD AVE., 158 S RIVERA. One-story and basement frame dwelling.
Owner—Boyd C. Lindsay, 183 Oxford.
Architect—Not Given. $4000

DWELLING
(2490) W. 33RD AVE., 133 S RIVERA. One-story and basement frame dwelling.
Owner—Boyd C. Lindsay, 183 Oxford.
Architect—Not Given. $4000

DWELLING
(2491) E. 39TH AVE., 175 S IRVING. One-story and basement frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval.
Architect—Not Given. $3500

DWELLING
(2492) E. 39TH AVE., 225 S IRVING. One-story and basement frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval.
Architect—Not Given. $3500

DWELLING
(2493) E. 39TH AVE., 200 S IRVING. One-story and basement frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval.
Architect—Not Given. $3500

ALTERATIONS
(2494) 134 GOLDEN GATE AVE. Alter store.
Owner—R. T. and B. J. Bauer, 38 Mason.
Contractor—Oscar Presio & Sons, 250 Langton.
Architect—Not Given. $2750

ALTERATIONS
(2495) 140 BATTERY. Alter restaurant.
Owner—Paul Pagri's, 225 California.
Contractor—S. A. Giusti & Co., 200 Green.
Architect—Not Given. $1950

FLATS
(2496) N. NORTH POINT, 86 W OF HYDE. Two-story and basement frame flats.
Owner — Thelma Toms, 818 North Point.
Contractor—Tony D'Amico, 2345 Polk St.
Architect—Not Given. $8000

ALTERATIONS
(2497) 1360 MARKET ST. Alter restaurant.
Owner—M. Natov, Prem.
Contractor—The Fink & Schindler Co., 552 Brannan.
Architect—Not Given. $3950

DWELLING
(2498) W. RALSTON, 140 S HOLLOWAY. One-story and basement frame dwelling.
Owner—W. Down, 1135 Mission.
Contractor — S. F. Firebrick & Furnace Co., 1135 Mission.
Architect—Not Given. $3500

GASOLINE STATION
(2499) SW COR. VAN NESS AND UNION. Steel gasoline station.
Owner—Standard Stations, Inc., 200 Bush.
Contractor — Standard Oil Co., 225 Bush.
Architect—Not Given. $3000

FACTORY
(2500) SW MARIPOSA & CAROLINA. Four-story Class B factory.
Owner—Standard Brands of Calif., 245 11th St.
Contractor—Not Given.
Architect—E. R. Eames, 216 Pine St.
Engineer—W. H. Ellison. $125,000

DWELLING
(2501) S. MONCADA WAY AND E CERRITOS. Two-story and basement frame dwelling.
Owner—Hugo Bedau, care Contractor.
Contractor—Fred K. DuPuy, 110 Sutter St.
Architect—Fred H. Reimers, 233 Post St. $11,000

ALTERATIONS
(2502) 3258 SCOTT ST. Alter restaurant.
Owner—Bassadonne & Gaddini, 3258 Scott St.
Contractor—John Oshanna, 231 Stevenson.
Architect—Not Given. $1500

ALTERATIONS
(2503) 553 BAY ST. Alter restaurant.
Owner—Iris Brambilla, 1864 Grand Ave.
Architect—Not Given. $3000

DWELLING
(2504) SE COR. CERRITOS AND LUNADO WAY. One-story and basement frame dwelling.
Owner—Marie Barbonchielli, care of the Contractor.
Contractor—Henry Erickson, 972 Chenery.
Architect—C. O. Clausen, 746 46th Ave. $5,900

STOCKROOM
(2505) W. MISSION, 61 N GENEVA. Two-story frame stockroom.
Owner—Cresta Bros., 5098 Mission.
Contractor—Baker & Wagner, 86 Fairfield Way.
Architect—Not Given. $5000

ALTERATIONS
(2506) 5330 CALIFORNIA. Alter dwelling.
Owner—J. Keyes, Prem.
Contractor—Harry E. Scott, 4520 Cabrillo.
Architect—Not Given. $1000

ALTERATIONS
(2507) 1162 PACIFIC AVE. Alter dwelling.
Owner—Antonio Cancelo, Prem.
Architect—Not Given. $1250

ALTERATIONS
(2508) 2234 POLK ST. Alter store.
Owner—Bothin Real Estate Co., 604 Mission.
Contractor—F. R. Siegrist, 604 Mission.
Architect — Angus McSweeney, 604 Mission. $1400

ALTERATIONS
(2509) 485 CALIFORNIA. Alter office building.
Owner—Capital Co., 625 Market.
Contractor—Langfelder & Schuster, 280 Wawona.
Architect—Not Given. $6000

DWELLING
(2510) E. 47TH AVE., 125 N RIVERA. One-story and basement frame dwelling.
Owner—S. A. Schwartz, 305 Grant.
Architect—C. O. Clausen, 746 46th Ave. $3500

DWELLING
(2511) E. 23RD AVE., 100 S MORAGA. One-story and basement frame dwelling.
Owner—Oliver Almlie, 1445 24th Ave.
Architect—Not Given. $4000

ALTERATIONS
(2512) 604-06 THIRD ST. Alter stores.
Owner—Robert Troy, 2048 Market.
Contractor—Ira W. Coburn, 2048 Market.
Architect—Not Given. $2000

ALTERATIONS
(2513) SE COR. 9TH AND CLEMENTINA. Alter loft building.
Owner—Laurence A. Myers, 58 Sutter St.
Contractor—Jacks & Irvine, 620 Market St.
Architect—Not Given. $1800

DWELLING
(2514) NW JUANITA WAY, 25 NE FOWLER. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola.
Architect—Not Given. $3900

DWELLING
(2515) W. CAYUGA, 50 S COTTER. One-story and basement frame dwelling.
Owner—L. Depaoli, 29th and Mission.
Contractor—A. Berwick, 1525 Noe St.
Architect—Not Given. $4000

ALTERATIONS
(2516) E. JUNIPER, 100 N BRYANT. Alter storehouse.
Owner—Golden State Brewing Co., care Simonds Machinery Co.
Contractor — Phoenix - Simpton Co., 520 6th St.
Architect—Not Given. $1000

ALTERATIONS
(2517) 557 MARKET. Alter store.
Owner—Anglo Calif. Bank, Sansome and Market.
Contractor—Ira W. Coburn, 2048 Market St.
Architect—Not Given. $4000

DWELLING
(2518) W. CAYUGA, 25 S COTTER. One-story and basement frame dwelling.
Owner—L. Depaoli, 29th and Mission.
Contractor—A. Berwick, 1525 Noe St.
Architect—Not Given. $4000

DWELLING
(2519) E. 27TH AVE., 25 S MORAGA. One-story and basement frame dwelling.
Owner—Mendo Corp., 1136 Clement.
Contractor—Mendo Corp., 1136 Clement.
Architect—Not Given. $3500

DWELLING
(2520) W. SUSSEX, 387 N DIAMOND. One-story and basement frame dwelling.
Owner—H. A. Thrall, 1432 Hayes.
Architect—Not Given. $2,600

ALTERATIONS
(2521) 83 FIFTH ST. Alter hotel and stores.
Owner—Pickwick Hotel Co., 85 Fifth St.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market.
Architect—W. D. Peugh, 333 Montgomery. $1200

DWELLING
(2522) NW JUANITA WAY, 55 NE FOWLER. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola.
Architect—Not Given. $3800

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1848	Reilly	Owner	20000
1849	Johnson	Nielsen	3856
1850	Walker	Tranmal	12354
1851	Michel	Arnold	6000
1852	Mitchel	Anderson	8000
1853	Eldorado	Owner	7500
1854	Roseberg	Owner	3200
1855	Etter	Pressler	3000
1856	Stokes	Van Aalst	2500
1857	Warner	Osborne	1650
1858	Lerner	Owner	1500
1859	Rowell	Owner	14500
1860	Seaman	Monson	1850
1861	Swindell	Owner	2655
1862	Shee	Franzen	4750
1863	Dowling	Owner	3500
1864	Matheny	Owner	5200
1865	Dietz	Reliable	3640
1866	Steiner	Owner	6000
1867	Gutman	Beckett	11385
1868	Parsons	Owner	4500
1869	Home	Gabriel	4000
1870	Pollard	Owner	4000
1871	Faria	Owner	1500
1872	Smith	Krueger	2000
1873	Little	Leekins	4100
1874	Stevens	Tulloch	4300
1875	Clark	White	12000
1876	Fisher	Johnson	4000
1877	MacDonald	Sherwood	5500
1878	Jacuzzi	Berrassini	1300
1879	Henderson	Wallace	4500

RESIDENCE
(1848) 169 REQUA ROAD, PIEDMONT. 2-story 16-room frame residence, and garage.
Owner—John Reilly, 824 Barbara Rd.
Architect—Not Given. $20,000

ALTERATIONS
(1849) 209 CARMEL AVE., PIEDMONT. Alterations.
Owner—J. B. Johnson, 209 Carmel Ave.
Architect—A. Froberg, 1955 Webster St., Oakland.
Contractor—Chas. W. Nielsen, 849 Athens Ave., Oakland. $3,856

RESIDENCE
(1850) 121 SCENIC AVE., PIEDMONT. Two-story 7-room frame residence, and garage.
Owner—Brooks Walker, 30 Seaview Ave.
Architect—W. W. Wurster, 260 California St.
Contractor — Enoch Tranmal, 483 Crescent St. $12,354

DWELLING
(1851) 1916 MELVIN ROAD, OAKLAND. Two-story 6-room dwelling.
Owner—T. C. Michel, 633 Alma Ave., Oakland.
Contractor — Henry W. Arnold, 816 Oak St., Alameda.
Architect—Not Given. $6,000

STORE
(1852) 1500-1506 LEIMERT BLVD., OAKLAND. One-story store.
Owner—R. Mitchel.
Contractor—A. Frederick Anderson, 6706 Outlook Ave., Oakland.
Architect—Miller and Warnecke, Financial Center Bldg., Oakland. $8,000

ADDITION
(1853) FOOT OF ADELINE Street, OAKLAND. Addition.
Owner and Contractor—Eldorado Oil Company.
Architect—Not Given. $7,500

DWELLING
(1854) 7333 SUNKIST Drive, OAKLAND. One-story 5-room dwelling.
Owner and Builder—Aug. Roseberg, 1712 48th Ave., Oakland.
Architect—Not Given. $3,200

DWELLING
(1855) 3551 MAPLE AVE., OAKLAND. One-story 5-room dwelling.
Owner—Mabel Etter, 3459 Georgia St. Oakland.
Contractor — Walter Pressler, 1419 Excelsior Ave., Oakland.
Architect—Not Given. $3,000
One-story garage, $250.

DWELLING
(1856) 2042 107th AVE., OAKLAND. One-story 4-room dwelling.
Owner—Jos. Stokes, 380 W Broadmoor, San Leandro.
Contractor—W. Van Aalst, 2039 34th Ave., Oakland.
Architect—Not Given. $2,500

ALTERATIONS
(1857) 3418-3420-3422 PARK BLVD., OAKLAND. Alterations.
Owner—A. Warner.
Contractor—A. J. Osborne, 318 Santa Clara Ave., El Cerrito.
Architect—Not Given. $1,650

ALTERATIONS
(1858) 1205 WASHINGTON Street, OAKLAND. Alterations.
Owner & Contractor—Lerner Stores Corp., 354 4th Ave., New York.
Architect—Not Given. $1,500

DWELLING
(1859) 255 THE UPLANDS, BERKELEY. Two-story eight-room dwelling.
Owner and Builder—J. Rowell, 1048 Keith Ave., Berkeley.
Architect — C. W. Mayhew, 6026 Acacia St., Oakland. $14,500

REPAIRS
(1860) 1313-15 CHESTNUT Street, ALAMEDA. Repair fire damage.
Owner—Geo. M. Seaman, premises.
Contractor—Monson Bros., 475 Fifth St., San Francisco.
Architect—Not Given. $1,850

DWELLING
(1861) 2937 66TH AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Deane F. Swindell, 2931 68th Ave.
Architect—Not Given. $2655

DWELLING
(1862) 2036 106TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—Shei & Arneson, Prem.
Contractor—C. H. Franzen, 883 54th St.
Architect—Not Given. $4750
Also 1-story garage, $100.

DWELLING
(1863) 4104 SHAFTER AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Geo. F. Dowling, 337 17th St.
Architect—Not Given. $3500

DWELLING
(1864) 148 SONIA ST., OAKLAND. Two-story 6-room dwelling.
Owner & Builder—M. C. Matheny, 835 Brooklyn Ave.
Architect—Not Given. $5200

DWELLING
(1865) 2012 TIFFIN ROAD, OAKLAND. One-story 5-room dwelling.
Owner—Preston Dietz, Prem.
Contractor—Reliable Homes, Inc., 3500 35th Ave.
Architect—Not Given. $3640

PUBLIC GARAGE
(1866) 802 E. 12TH ST., OAKLAND. One-story Class C public garage.
Owner & Builder—J. N. Steiner, 3516 Kingsley Ave.
Architect—Richard C. Schuppert, 1530 Wellington St. $6000

DWELLING
(1867) 6033 ROCKWELL STREET, OAKLAND. Two-story 8-room dwelling.
Owner—David S. Gutman, Prem.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—E. L. Snyder, Berkeley. $11,385

DWELLING
(1868) 1432 EXCELSIOR, OAKLAND. One-story 6-room dwelling.
Owner & Builder—Geo. P. Parsons, 3839 Canon Ave.
Architect—Not Given. $4500

DWELLING
(1869) 4438 STEELE ST., OAKLAND. One-story 5-room dwelling.
Owner—Home Loan Security Co., 1447 Franklin St.
Contractor—Walter N. Gabriel, 1447 Franklin St.
Architect—Not Given. $4000
Also 1-story garage, $250.

DWELLING
(1870) 5826 MORPETH ST., OAKLAND. Two-story 5-room dwelling.
Owner & Builder—A. J. Pollard, 77 Plaza Dr., Berkeley.
Architect—Not Given. $4000

DWELLING
(1870) 2994 BARRETT ST., OAKLAND. One-story 4-room dwelling.
Owner—Stanley Jones, 1618 Wood St., Alameda.
Contractor—Asincup & Kaiser, 1065 Victoria Ave., San Leandro.
Architect—Not Given. $2700

ALTERATIONS
(1871) 931 71ST AVE., OAKLAND. Alterations and additions.
Owner & Builder—Hygino Faria, 925 71st Ave.
Architect—Not Given. $1500

ADDITIONS
(1872) 2628 ETNA, BERKELEY. Additions.
Owner—A. Smith, Prem.
Contractor—C. N. Krueger, 501 Forest.
Architect—Not Given. $2000

DWELLING
(1873) 5550 SNAKE ROAD, OAKLAND. One-story 5-room dwelling and 1-story frame garage.
Owner—Geo. C. Little, 4481 Moraga Road, Oakland.
Contractor—C. W. Leekins, 4481 Moraga Rd., Oakland.
Plans by Raymond De Sanno. $4100

ADDITION
(1874) SE COR. 26th and Peralta Sts., OAKLAND. Addition.
Owner—A. Stevens.
Contractor—John F. Tulloch, 335 8th St., Oakland.
Architect—Not Given. $4300

APARTMENTS
(1875) 367-A-B-C VERNON Srteet, OAKLAND. Two-story 20-room apartment building.
Owner—M. L. Clark, 306 15th Street, Oakland.
Contractor—Millar White Const. Co., 306 15th St., Oakland.
Achitect—Not Given. $12,000

DWELLING
(1876) 1530 77th AVE., OAKLAND. One-story 6-room dwelling and 1 story garage.
Owner—C. R. Tisher, 105 Montgomery St., San Francisco.
Contractor — E. Johnson, 450 Oakes Blvd., San Leandro.
Architect—Not Given. $4,000

DWELLING
(1877) 591 ALAMEDA, BERKELEY. Two-story 6-room frame dwelling and garage.
Owne—L. F. MacDonald, 579 Alameda, Berkeley.
Contractor—F. E. Sherwood 1359 Marin Ave., Berkeley.
Architect—Not Given. $5500

ADDITION
(1878) 1475 STANNAGE, BERKELEY. Addition.
Owner—J. Jacuzzi, premises.
Contractor—J. Benassini, 620 51st St. Oakland.
Architect—Not Given. $1300

DWELLING
(1879) 148 AVENIDA, BERKELEY. Two-story 6-room frame dwelling and garage.
Owner—P. Henderson, Box 688, RFD Orinda.
Contractor—F. J. Wallace.
Architect—Not Given. $4500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
184	Nagel	Moore	1367
185	Nagel	Moore	12273
186	S. P.	Soule	21677
187	Roos	Walter	46791

EXCAVATION, GRADING, ETC.
(184) 2550 GREEN ST. Excavation, grading and concrete work for dwelling.
Owne—Gunther W. Nagel, 2341 Vallejo Street.
Architect—Houghton Sawyer, Howden Bldg., Oakland.

Contractor—Moore and Roberts, 693 Mission Street.
Filed, Dec. 2, '36. Dated Nov. 27, '36.
First of each month.....75%
Usual 35 days.....25%
TOTAL COST, $1,367.00
Bond, $1,367. Sureties, Standard Accident Ins. Co. Limit, 15 days. Plans and specifications filed.

DWELLING
(185) 2550 GREEN ST. Two-story and basement frame dwelling.
Owne—Gunther W. Nagel, 2341 Vallejo Street.
Architect—Houghton Sawyer, Howden Bldg., Oakland.
Contractor—Moore and Roberts, 693 Mission Street.
Filed, Dec. 2, '36. Dated Nov. 27, '36.
First of each month.....75%
Usual 35 days.....25%
TOTAL COST, $12,273.50
Bond, $12,273.50. Sureties, Standard Accident Ins. Co. Limit, 120 days. Plans and specifications filed.

TRUCKING TABLES
(186) FIFTH AND BERRY STS. Two trucking tables.
Owner—Southern Pacific Co., 65 Market St.
Contractor — Soule Steel Co., 1750 Army St.
Architect—Not Given.
75% each month.
25% usual 35 days.
TOTAL COST, $21,677.00
Bond, $21,677. Surety, U. S. Guarantee Co. Plans and specifications filed.

INTERIOR WORK
(187) STOCKTON AND MARKET STS. Store fixtures and interior work.
Owner—Roos Bros., Inc., Prem.
Architect—Williams & Grimes, 251 Post St., San Francisco.
Contractor—Walter Mfg. Co., 5875 Mission St.
Filed Dec. 7, '36. Dated Oct. 21, '36.
50% progress payments.
25% completion.
25% usual 35 days.
TOTAL COST, $46,791
Limit, Before Dec. 15, 1936. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
181	Mitchell	Anderson	7747
182	Rule	Lynn	2056
183	Roberts	Parson	4651
184	Merritt	Palace	1648

STORE BUILDING
(181) NE COR. LEIMERT BLVD. & ARDEN PLACE, OAKLAND. One-story frame store building.
Owner—Robt. Brent Mitchell.
Architect—Miller & Warnecke, Financial Center Bldg.
Contractor—A. F. Anderson, 6706 Outlook Ave., Oakland.
Filed Dec. 3, '36. Dated Dec. 1, '36.
Frame up $1917.50
Plastered 1917.50
Completion 1917.50
Usual 35 days..... 1917.50
1 year from completion..... 77.00
TOTAL COST, $7747.00
Bond, $7747. Surety, Maryland Cas. Co. Limit, 90 days. Plans and specifications filed.

ALTERATIONS
(182) 19 YORK DR., PIEDMONT. Alterations.
Owner—Martha H. F. Rule, Prem.
Architect—Malcolm D. Reynolds, 269 Monte Vista, Oakland.
Contractor—Willis F. Lynn, 1073 Ashmount, Oakland.
Filed Dec. 3, '36. Dated Nov. 18, '36.
Frame up—25%.
App. of board to int. sur.—25%.
Completion—25%.
Usual 35 days—25%.
TOTAL COST, $2056.00
Forfeit, $10 per day. Limit, 90 days. Plans and specifications filed.

RESIDENCE
(183) POR LOTS 1, 2 & 3, BLK. D, EAST MOUNT, OAKLAND. One-story 5-room residence and garage.
Owner—Mr. and Mrs. J. F. Roberts.
Architect—C. W. McCall, 1404 Franklin, Oakland.
Contractor—Parsons & Williams, 2268 80th Ave., Oakland.
Filed Dec. 7, '36. Dated Dec. 5, '36.
5th day each month—75% labor & material.
Usual 35 days—25% labor and material.
TOTAL COST, $4651.50
Forfeit, $1.00 per day. Limit, 95 days. Plans and specifications filed.

FINISH HARDWARE
(184) MERRITT HOSPITAL ANNEX. Finish hardware.
Owner—Samuel Merritt Hospital.
Contractor—Palace Hardware Co., 581 Market St., San Francisco.
Filed Dec. 7, '36. Dated Dec. 1, '36.
75% labor and material, 15 day of each month.
25% usual 35 days.
TOTAL COST, $1648.00
Limit, 80 days. Plans and specifications filed.

SAN FRANCISCO CO. UNDER $1000

ALTER dwelling, $752; 3083 San Jose Ave.; owner, Home Mutual Deposit Loan Co., 228 Montgomery; contractor, F. A. Kappeler, 128 Maltke, Daly City.

ALTER flats, $30; 940 Haight; owner, Margaret Lonny, Prem.

SIGN, electric, $200; 600 Geary; owner, Tietjens, Prem.; contractor, Wonderlite Neon Products Co., 170 Otis.

ALTER dwelling, $485; 565 Hill St.; owner, Elmo Reidy, Prem.

FLUE, $10; E. Beverly, 88 S Garfield; owner, Harry Corbell, 1395 Haight; contractor, Lincoln Way Sheet Metal Works, 1841 Lincoln Way.

FLUES, $30; 140 9th St.; owner, Wholesale Radio & Electric Co., Prem.; contractor, Grant Sheet Metal Works, 791 McAllister.

ALTER flats, $950; next to 218 Shotwell St.; owner, Herman Bucking, 111 Juniper Ave.; contractor, P. Anderson, 4082 Army St.

ALTER flats, $100; 1312 4th Ave.; owner, D. S. Stayner, 2 18th Ave.

SIGN, electric, $100; 1069 Market; owner, Egyptian Theatre, Prem.; contractor, Wonderlite Neon Products Co., 170 Otis.

FLUE, $35; 678 Guerrero; owner, Mr. Enos, Prem.; contractor, S. J. Schindler, 815 Valencia.

ALTER flat, $75; 59 Glover; owner, John Carvallal, 57 Glover.

ALTER dwelling, $315; 963 Union; owner, Mrs. Woodruff, Prem.; contractor, Sterling Concrete Co., 735 Baker St.

STATION, greasing, $800; SW Cor. Van Ness and Union; owner, Standard Stations, Inc., 200 Bush; contractor, Standard Oil Co., 225 Bush St.

WALL, retaining, $100; W 6th St., 125 S Howard; owner, Edward Rolkin, Argyle Hotel.

ALTER flats, $300; 108 Tower Terrace; owner, Frances Morrison, 108½ Tower Terrace.

ALTER dwelling, $300; 1664 11th Avenue; owner, Geo. Goldstein, 252 Divisadero; contractor, Chas. Andrews & Son, 967 Haight St.

SIGN, electric, $150; 1647 Market; owner, John Garis, Prem.; contractor, Wonderlite Neon Products Co., 170 Otis St.

FLUES, $50; E. Beverly, 113 S Garfield; owner, Harry C. Corbell, 1395 Haight St.; contractor, Lincoln Way Sheet Metal Works, 1841 Lincoln Way.

ALTER hotel, $450; 138-46 6th St.; owner, Edward Rolkin, Argyle Hotel.

ALTER dwelling, $350; 4241 20th St.; owner, A. Silverstein, 591 15th Ave.

ALTER store, $260; 122-24 3d St.; owner, F. A. Fallon, 1907 Oak St.

ALTER hotel, $300; NW Turk and Taylor Sts.; owner, Hibernia Bank, care Contractor; contractor, M. E. Vukicevich, 666 Mission.

ALTER garage, $250; 3325 Geary St.; owner, Mrs. Goudy, 217 4th Ave.

ALTER store, $70; 1139 Mission; owner, Fair Mfg. Co., 617 Bryant.

ALTER dwelling, $100; 1076 Dolores; owner, M. H. Holmes, Prem.; contractor, Fred J. Early, Jr., 369 Pine St.

FLUE, $50; Cor. Divisadero and Lombard Sts.; owner, Bothin Real Estate Co., 604 Mission; contractor, Sheet Metal Service Co., 215 Octavia.

ALTER apartments, $250; 1261 Francisco; owner, H. M. Beckman, Prem.; contractor, Robinson & Johnson, 180 Oak St.

SIGN, electric, $15; 17th and Market; owner, Standard Stations, Inc., Prem.; contractor, Electrical Prod. Corp., 910 Harrison.

SIGN, electric, $250; 246 Montgomery; owner, L. Pase, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.

ALTER dwelling, $615; 4407 24th St.; owner, Rudolph Ahrens, 2121 Larkin St.; contractor, Baker & Wagner, 86 Fairfield Way.

ALTER hotel, $500; 490 Geary; owner, Maryland Hotel, Prem.; contractor, G. P. W. Jensen & Sons, Inc., 320 Market.

SIGN, electric, $40; 901 Potrero; owner, Richfield Oil Co., 166 Wisconsin; contractor, Pacific Neon Mfg. Co., 2600 18th St.

SIGN, electric, $20; 266 Sutter St.; owner, F. Thomas, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

ALTER dwelling, $300; 125 Lower Terrace; owner, Frank Morrison, 108 Lower Terrace.

ALTER dwelling and store, $350; 3819 17th St.; owner, J. Woods, 3579 17th St.

SIGN, cloth, $15; 1017 Market St.; owner, Union Furniture Co., Prem.; contractor, L. B. Daggett, 335 Van Ness.

ALTER store, $500; 1114 Grant Ave.; owner, T. Babin Co., care Contractor; contractor, Frank Yick, 670 Washington St.

ALTER restaurant, $675; 2950-52 16th St.; owner, E. J. Murray and Wm. Herrell, 2950 16th St.; contractor, Royal Show Case Co., 770 McAllister.

ALTER dwelling, $50; 86 Nordhoff St.; owner, A. H. Hurtel, Prem.

SIGN, electric, $50; 5th and Howard Sts.; owner, ABC Cigar Store Co., Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

BARBER pole, $70; 230 Eddy St.; owner, C. Balin, Prem.

ALTER service station, $500; SE Cor. Post and Divisadero; owner, Richfield Oil Co., 248 Battery; contractor, H. T. Gettins Co., 268 13th St.

ALTER dwelling, $600; 2717 20th St.; owner, A. L. Gray, 719 Sargent.

FLUE, $60; 122 3rd St.; owner, Mike Bougoukalos, 714 Folsom; contractor, Isaak Grant, 791 McAllister.

FLUE, $20; 212 Eddy St.; owner, Ritz Hotel, Prem.; contractor, Van Tagin Co., 60 Clay St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Bids In—Under Advisement
ADDITION Cost, $8,000
SAN JOSE, Santa Clara Co., Calif.
Two-story stucco addition to existing apartment building (four 3-room apts.), tile baths, hardwood floors, warm air heat, shake roof, wood sash.
Owner—Mrs. Herbert C. Bean.
Architect—Edw. W. Kress, 402 First National Bank Bldg., San Jose.
Announcement will be made in the near future.

Low Bidders
ADDITION Cost, $8,000
SAN JOSE, Santa Clara Co., Calif.
Two-story stucco addition to existing apartment building (four 3-room apts.) tile baths, hardwood floors, warm air heat, shake roof, wood sash.
Owner—Mrs. Herbert C. Bean.
Architect—Edw. W. Kress, 402 First National Bank Bldg., San Jose.
Low Bidder—Rader & Altenbach, 416 S Sixth St., San Jose, $6,702.
Wm. Schwartz, San Jose, at $6,771 submitted second low bid.

Contract Awarded
APARTMENTS Cost, $15,000
SANTA CRUZ, Santa Cruz Co., Calif. West Cliff Drive.
Ten 2- and 3-room cottage units; ten garages; stucco exterior; plaster walls; compositon shingle roof; pine floors; wood sash.
Owner—Jack Smith, Berkeley.
Plans by Charles Lawrence, 84 River St., Santa Cruz.
Contractor—Jos. Yoho, 67 2nd Ave., Santa Cruz.
Building Materials—Santa Cruz Lbr. Co., 84 River St., Santa Cruz.

Plans Being Prepared—To Be Done By Day's Work
APARTMENTS Cost, $25,000
SANTA CRUZ, Santa Cruz Co., Calif. East Cliff Drive near Seabright.
Ten cottage unit apartments.
Owner and Builder—Jos. Yoho, 67 Second Ave., Santa Cruz.
Plans by Charles Lawrence, 84 River St., Santa Cruz.
Building Materials—Santa Cruz Lbr. Co., 84 River St., Santa Cruz.

Contract Awarded
APARTMENTS Cost, $13,000
OAKLAND, Alameda Co., Calif. 367 Vernon St.
Two-story, 20-room apartment bldg.
Owner—M. L. Clark.
Architect—Not Given.
Contractor—Millar White Construction Co., 306 15th St., Oakland.

4— FACTORIES & WAREHOUSES

To Be Done By Day's Work
WAREHOUSE Cost, $9,000
SAN FRANCISCO, Calif. Treat and 20th Streets.
Steel frame warehouse.
Owner—Regal Amber Brewing Co., 675 Treat Ave.
Architect—Not Given.
Contractor—C. L. Wold Construction Co., 3312 Fulton St.

Preparing Plans
ADDITION Cost, $.....
SANTA ROSA, Sonoma Co., Calif.
Addition to malting plant.
Owner—Grace Bros. Brewing Co., Santa Rosa.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Owner will take sub bids in Santa Rosa, upon completion of plans.

Contract Awarded
STOCKROOM Cost, $6,000
SAN FRANCISCO, Calif. Mission & Geneva Ave.
Two-story frame stockroom.
Owner—Cresta Bros., 5098 Mission St.
Architect—Not Given.
Contractor—Baker & Wagner, 86 Fairfield Way.

Sub-Contracts Awarded
REFINERY Cost, $2,000,000
YOLO COUNTY, Cal. Two and one-half miles northeast of Woodland
New sugar refinery (two- and three-story reinf. concrete sugar refinery (320x85 feet) two-story reinforced concrete office bldg. (96x 61-ft.) concrete wood-lined bins equipped with air circulating system; two warehouses (30x135-ft.) corrugated iron walls, ventilators, power plant.
Owner—Spreckels Sugar Co. (C. J. Moroney, Mgr.) 2 Pine St., San Francisco.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Engineering plans by Owner.
Contractor—Dinwiddie Const. Co. 210 Crocker Building, San Francisco (main building, office building, and sugar silos).
Metal Windows—Concrete Engr. Co., 1280 Indiana St., San Francisco.
Painting—J. H. Mohr, Inc., 960 7th St., San Francisco.
Glass—T. E. Cain, Inc., 2416 J St., Sacramento and W .P. Fuller & Co., 301 Mission St., San Francisco.
Lockers—Worley & Company, Pico.
Marble—Jos. Musto Sons-Keenan Co. 535 North Point St., San Francisco.
Tile—H. P. Fischer Tile & Marble Co., 1219 Jay St., Sacramento.
Plumbing—Frank M. Booth, 222 3rd St., Marysville.
Electric—Luppen and Hawley, Inc., 3126 J St., Sacramento.
Reinforcing Steel—Truscon Steel Co. 604 Mission St., San Francisco.
Gunite—Edwin Anderson, 998 Gilman Ave., San Francisco.
Structural Steel—Herrick Iron W'ks, 18th and Campbell Sts., Oakland.
Metal Doors—Forderer Cornice W'ks 269 Potrero Ave., San Francisco.
Overhead Doors — Parker Carpenter Co., 604 Mission St., San Francisco.
Metal Partitions—Dwan & Co., 126 Post St., San Francisco.
Sprinklers—Rockwood Sprinkler Co., 7 Front St., San Francisco.

BIDS REJECTED
SAN FRANCISCO. — The Department of Public Works, City Hall, rejected all bids for the construction of a warehouse for the Board of Education on the north side of Harrison Street between 10th and 11th Sts. Estimated cost, $21,000.
Bids were rejected due to lack of available funds. Work will not be re-advertised. At bid opening F. J. Reilly Co., 6350 Fulton Street, at $26,421 submitted low bid.

5— FLATS

Additional Sub Contracts Awarded
FLATS Cost, $27,000
SAN FRANCISCO, Calif. E. Hyde St., N Chestnut.
Two - story and basement frame and stucco flats (2 flats, 8 rooms and 2 baths each, pent house with social hall, bedroom and bath), flat roof, with tile deck in front; gas fired steam heating system; all colored tile baths, hardwood finish, marble sinks, etc.
Owner—Jos. Blumenfeld.
Architect — S. Heiman, 605 Market Street.
Tile—Eastman Marble Co., 209 Mississippi St.
Brick—Wm. Rainey & Son, 323 Clementina St.
Wrought Iron & Structural Steel—Patterson & Koster Iron Wks., Inc., 280 13th St.
Glass—Habenicht & Howlett, 529 Clay St.

Contract Awarded
FLATS Cost, $9,000
SAN FRANCISCO, Calif. North Point and Hyde Sts.
Two-story and basement frame and stucco flat building.
Owner — Thelma Toms, 818 North Point St.
Architect—Not Given.
Contractor—Tony Diamico, 2345 Polk St.

6—GARAGES & SERVICE STATIONS

To Be Done By Day's Work
GARAGE Cost, $7,000
OAKLAND, Alameda Co., Calif. 802 East 12th St.
One-story Class C public garage.
Owner & Builder—J. N. Steiner, 3516 Kingsley Ave.
Architect — Richard C. Schuppert, 1530 Wellington St.

Contract Awarded
GARAGE BLDG. Cost, $27,782
BAKERSFIELD, Kern Co., Calif.
New garage building.
Owner—Brown Boyd Motor Co., 2232 Chester Ave., Bakersfield.
Architect—Not Given.
Contractor—John N. Harvey, Route 2, Box 309-A, Bawersfield.
Following sub-contracts have been awarded:
Electric—E. J. Gartley, 2319 I St.
Glass—W. P. Fuller & Co., 2016 Chester Avenue.
Paint—Peckham & Foster, 4171 Madison Ave., Culver City.
Plaster—C. D. Conklin, 120 Pacific.
Roofing—O. W. McNay, 1669½ Chester Avenue.
Steel Sash, Structural Steel and Reinforcing Steel—Kyle & Co., 346 G St., Fresno.
Plumbing and Sheet Metal—Gundlach Plumbing and Sheet Metal Co., 2324 Chester Ave.
All of Bakersfield unless otherwise noted.

7— FEDERAL BUILDINGS

BIDS WANTED

ANAHEIM, Orange Co., Calif.—Until December 23, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for concrete curbs at the U. S. Post Office at Anaheim.

Specifications may be obtained from the above office and from the Custodian of the building at Anaheim.

BIDS WANTED

SAN FRANCISCO.—Until December 29, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for motor generator sets at the U. S. Mint at San Francisco.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

HILO, Hawaii.—Hilo Electric Light Co., Hilo, T. H., at $405, awarded contract by Public Works Dept., U. S. Navy Yard, Pearl Harbor, under Spec. 8305, for obstacle lights on towers at Hilo.

BIDS WANTED

SAN DIEGO.—Until December 17, 11 a.m., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8348, for a new hood and fan over existing flatwork ironer at the Naval Hospital, San Diego.

The work includes the removal of the existing fan and appurtenances in present window opening and the furnishing of all materials and the installation over an existing flat work ironer of (a) a new hood with rectangular opening 10 ft. by 12 ft. 6 in., and (b) a new fan of approximately 5000 CFM capacity, complete with suction and discharge ducts, and (c) the necessary wiring and electrical equipment in connection with the new fan, motor and control.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS WANTED

STANFORD UNIVERSITY, Santa Clara Co., Calif.—Until December 23 10 A. M., bids will be received by the Commanding Officer, Benicia Arsenal, under Bid No. 146-37-23, for furnishing equipment and installation of an air conditioning unit in the Gage laboratory, in the Military Tactics and Science Bldg., Stanford University.

Specifications obtainable from the above office.

BIDS WANTED

PHOENIX, Ariz.—Until Dec. 29, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new partitions, etc., in the U. S. post office at Phoenix.

Plans and specifications may be obtained from the above office and from the Custodian of the Building at Phoenix.

POST OFFICE Cost, $302,000
Bids Wanted—To Close Jan. 12, 1937, 1 P. M.
WENATCHEE, Wash.
United States post office building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

BIDS WANTED

PEARL HARBOR, T. H. — Until February 3, bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8350, for the construction of a steel floating dry dock, the ARD 2, 446 ft. long and 68 ft. beam, to accommodate destroyers and submarines, to be located at Pearl Harbor.

Plans and specifications obtainable from the above office upon deposit of certified check for $10.00, payable to the Chief of the Bureau of Yards & Docks.

BID OPENING POSTPONED

SAN PEDRO, Los Angeles Co., Cal.—Until December 30th (postponed from December 8), bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for metal counters and shelving at the U. S. Post Office and Courthouse at San Pedro.

COMPLETING PLANS

ARIZONA.—U. S. Resettlement Administration, G. M. Shumaker, resident engineer, Phoenix, will start work within 30 days on the construction of 134 homes in four resettlement projects, located at Glendale, Chandler, Casa Grande and Coolidge, Ariz. Purchase of materials, both on bids and on the open market, is being made from the Phoenix office at the rate of about $17,000 weekly.

BIDS OPENED

SAN FRANCISCO.—Otis Elevator Co., 1 Beach St., at $586, submitted low bid to the Navy Purchasing Office, Federal Office Bldg., for repairs to the elevator in the U.S.S. "Relief."

San Francisco Elevator Co., at $778.50, submitted the only other bid.

BID OPENING POSTPONED

FORT DEFIANCE, Ariz. — Until December 21, 2 p.m. (postponed from December 10th), bids will be received by the Department of the Interior, Purchasing Office, 18th and F Sts. NW, Washington, D. C., for construction of the Navajo General Hospital, Fort Defiance, Ariz., approximately 30 miles from the nearest railroad at Gallup, N. M. Bid bond or certified check for 5 per cent must accompany each bid. Plans and specifications may be obtained from the above office upon deposit of a certified check or money order for $25 per set. The building will be a three-story, native stone building with furred exterior walls, tile partitions, steel joist floor and roof framing. The central portion is approximately 44x246 feet, with three-story wings at each end approximately 33x44 feet. There is a one-story kitchen wing and a one-story boiler room wing at the rear, the kitchen wing 61x76 feet and the boiler room wing 44x88 feet. The floors are finished generally in terrazzo and linoleum, and the roofs are built-up felt and gravel. Three 85-horsepower, high-pressure steam boilers supplying medium and low-pressure steam for sterilizers and for heating, respectively, are included in the contract; also included are kitchen equipment, refrigeration equipment, cold storage equipment, sterilizers, elevator, electric wiring, and plumbing. Native stone for exterior walls will be furnished to the contractor at the site by the government.

BIDS OPENED

POINT ST. GEORGE, Del Norte Co., Cal.—American Electric Const. Co., 462 Bryant St., San Francisco, at $889 submitted low bid to the Public Work Officer, Mare Island Navy Yard, under Spec. No. 8308, for furnishing and installing water pump enclosures; new A.C. motors in place of the present D.C. motors on water pumps; and wiring for motors and lights at the U. S. Naval Direction Finder Station, Point St. George (Cescent City).

Underground Const. Co., Berkeley, at $1,698 submitted the only other bid.

Engineer's estimate, $900.

CONTRACT AWARDED

POINT REYES, Marin Co., Calif.—Joe Piasecki, 354 Haight Street, San Francisco, at $3,144 awarded contract by the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8310, for the construction of an auxiliary power house; the re-roofing and re-wiring of Barracks; installation of electric service including wiring for power and lights in buildings at the U. S. Naval Direction Finder Station, Point Reyes.

BIDS WANTED

POINT LOMA, San Diego, Calif.—Until December 22, 11:00 a.m., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8297, for painting exterior of buildings and wood masts at the Naval Radio Station. Point Loma, San Diego. The work consists of the provision of all materials for and the complete exterior painting of (a) twelve frame buildings, consisting of three single quarters, A. E and F; three double quarters, D-G, H-I and J-K; mess hall and recreation building No. 5; one frame garage No. 11; one combined garage and storehouse No. 14; one pump house No. 8; one hose cart house No. 9. and one combined garden tool house and lath house, No. 16; (b) three buildings with corrugated iron siding and roofs on wood frames, consisting of two garages, Nos. 15 and 18, and paint locker, No. 19; (c) one stucco building No. 17; (d) two wood latticed masts, one spar mast, and one flag staff; and (e) woodwork of tennis court back stops, and woodwork of boundary fence.

Plans and specifications obtainable from the above office upon deposit of $10.

Contract Awarded
POST OFFICE Cont. Pr., $255,600
SALEM, Oregon.
One and two-story post office building (136x113 ft.), granite facing, sandstone floors, marble wainscoting, metal windows, etc.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Contractor — Hoffman Construction Co., 715 SW Columbia, Portland.

SUB BIDS WANTED

MARE ISLAND, Calif.—George J. Maurer Co., 50 York Drive, Piedmont, desires sub bids on all portions of the work for the construction of the Dispensary Building, at Mare Island, for which bids will be opened Dec. 16, 11 a.m.

SUB BIDS WANTED

SACRAMENTO.—Midstate Constr. Co., 245 Clinton Ave., Fresno, desire sub bids on all portions of the work for construction of the Quartermaster's Warehouse, Quartermaster's Warehouse Annex, Quartermaster's Maintenance Building, and Quartermaster's garage on the site of the Army Air Corps Supply Depot, near North Sacramento, for which bids will be opened December 14, 2 p.m., by Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento

8— CLUB BUILDINGS

FIRE LOSS

SACRAMENTO, Calif.—Fire partially destroyed the Eastern Star Temple, 2719 K St., Dec. 4, with damage estimated at $50,000.

10— HOTELS

Contract Awarded

RECONSTRUCT HOTEL Cost, $5,000

ANGELS CAMP, Calaveras Co., Cal.

Reconstruction and remodeling of Calaveras Hotel (extension of lobby, and improvements to lobby and ground floor rooms).

Owner—Rolleri Company, Harry Bardin, Manager.

Architect—Not Given.

Contractor — Jack Raber, Angels Camp.

Contract Awarded

ADDITIONS Cost, $——

SAN FRANCISCO. 386 Geary Street.

Addition of four stories to Fielding Hotel, each floor to contain 15 hotel-apartments (two- and 3-room apts. with kitchenettes) hotel service.

Owner—The Grant Co., 114 Sansome.

Architect—D. D. Stone, 110 Suter St.

Contractor—Lindgren and Swinerton, Inc., 225 Bush St.

12— POWER PLANTS

PLANS BEING PREPARED

MODOC CO., Calif.—Chief Engineer Allan Sickler of the Surprise Valley Electrification Cooperative, Cedarville, is preparing plans and specifications for construction of 284 miles of rural distributing lines and a 900-kwh. hydro-electric plant to furnish energy for 682 customers in Modoc and Lassen Counties. Plans probably will be completed in about sixty days, although construction will not start until spring, due to heavy snow fall in the area.

Segregated bids will be asked for the work as follows: (1) transmission and distribution lines; (2) hydroelectric plant; (3) diversion dam and cement-lined ditch.

The power plant is to be located on Ash Creek, near Adin. Sixty-six mi. of transmission line to carry 33,000 volts will be constructed from the plant to Lake City. A 12,000-volt line will touch Round Valley and Big Valley, Adin and Lookout and extend into Lassen County.

Sub-stations are to be constructed at Canby, Davis Creek and Lake City.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS OPENED

ALAMEDA-CONTRA COSTA Cos., Calif.—K. E. Parker Co., 135 South Park St., San Francisco, at $45,892, submitted low bid to the Directors of Joint Highway District No. 13, under Schedule "D," for the completion of construction of ventilating buildings, including portions of electrical equipment, of the Broadway Low Level Tunnel.

Fred J. Early, Jr., San Francisco, at $49,585, submitted the only other bid.

Wallace B. Boggs, Chief Engineer.

BIDS OPENED

TOLL PLAZA AND BUILDING Cost, $150,000

SAN FRANCISCO. Golden Gate Bridge.

Toll plaza and building, exclusive of the toll-registering equipment (1-story wood frame building, built-up asphalt roofing, linoleum floors, electric and steam heat, steel sash), comprising administration and maintenance offices, and 14 toll-collection booths.

Owner—Golden Gate Bridge District, 111 Sutter Street.

Architect — Irving F. Morrow, de-Young Building.

Engineers—Strauss & Paine, 111 Sutter Street.

Low Bidder—Barrett & Hilp, 918 Harrison St., San Francisco.

Complete bids based on lump sum figure for Items 1 to 9, inclusive, follow:

Barrett & Hilp, S. F.	$216,000
J. H. Pomeroy & Co., Inc., San Francisco	229,904
Pacific Bridge Co., S. F.	236,980

Bids were taken as follows:

(1) Power house, except plumbing and electrical work;
(2) Administration and maintenance wings and east pylon, excluding power house, plumbing, heating and ventilating, electrical work, and toll-collection equipment and scales;
(3) Toll booths and canopy, except electrical work and toll-collection equipment and scales;
(4) Plumbing;
(5) Heating and ventilating;
(6) Electrical work;
(7) Pedestrian turnstiles and automatic change machines;
(8) 21,000 mud jack sleeves;
(9) Pavement exclusive of mud jack inclusive;
(A) Lump sum, Items 1 to 9, inclusive;
(10) Concrete, exclusive of paving, per c.y.;
(11) Reinforcing steel, per lb.;
(12) Structural steel, per ton;
(13) Concrete pavement, per c.y.;
(14) Asphalt concrete pavement, per sq. ft.;
(15) Packed crushed rock pavement, per sq. ft.;
(16) Mud jack sleeves, each;
(17) Electric heaters in four additional toll booths, lump sum.

Bids referred to the Building Committee and Chief Engineer Joseph B. Strauss.

BIDS OPENED

SAN FRANCISCO.—Alta Electric & Mechanical Co., 467 O'Farrell St., at $56,000 on Item (1) and at $46,893 on Item (II), submitted low bid to the Golden Gate Bridge & Highway District, W. W. Felt, Jr., Secretary, for furnishing toll-collection and recording equipment and truck scales for ten lanes on the Golden Gate Bridge Toll Plaza.

Bids were taken as follows:

(Alt. I)—Work complete as specified.
(Alt. II) — Same as Item 1, except registration other than axle counters need not be remotely controlled.
(Alt. Ia)—For an additional 4 lanes of traffic, under Item (I);
(Alt. IIa)—For an additional 4 lanes of traffic, under Item (II).

Complete bids follow:

Alta Electric & Mechanical Co., San Francisco	(I)	$56,000
	(II)	46,893
	(Ia)	15,700
	(IIa)	13,700
H. S. Tittle Co., Inc., San Francisco	(I)	.....
	(II)	$58,700
	(Ia)	.....
	(IIa)	13,500

Bids referred to the Roads & Traffic Committee and Chief Engineer Joseph B. Strauss.

Plans Being Completed

CITY HALL Cost, $54,000

SANTA CRUZ, Santa Cruz Co., Cal. Church and Locust Streets.

One- and two-story reinforced concrete City Hall (first unit) stucco exterior, shingle tile roof, linoleum floors, steel joists, vault doors, jail equipment, floor and ceiling will be concrete slab on steeltex, low pressure steam heating system, etc. (Mayor's offices, Water Department, Police Department and Jail).

Owner—City of Santa Cruz.

Architect — C. J. Ryland, Monterey and Carmel.

A grant of $24,327 has been approved by the PWA.

Plans and specifications will be forwarded to the PWA for approval next week.

14— RESIDENCES

Completing Plans

RESIDENCE Cost, $9,000

SANTA ROSA, Sonoma Co., Calif. Mendocino and Denton Road.

Two - story and basement frame and stucco residence (7 rooms and 3 baths) circular stairway; forced hot air oil burning heating system; sun deck; rumpus room in basement; tile roof; Spanish type hardwood floors, tile baths, etc.

Owner—Floyd Trombetta, Santa Rosa.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Bids will be asked in about two weeks.

Sub Contracts Awarded

RESIDENCE Cost, $7,000

BERKELEY, Alameda County, Calif. 2753 Shasta Road.

One-story frame and stucco residence (6 rooms).

Owner—R. L. Frick, 1806 Walnut St., Berkeley.

Architect—Not Given.

Contractor—R. J. Parks, 2104 Addison St., Berkeley.

Roofing—Frank Primrose, 709 45th St., Oakland.

Plumbing—H. F. Lass, 5300 Cole St., Oakland.

Electric Wiring—Collins Electric Co., Richmond.

Sheet Metal—J. C. Owens, 1616 Carlton St., Berkeley.

Tile Work—Rigney Tile Co., 3012 Harris St., Oakland.

Brick & Stone Work—Collins & Jenson, 610 36th Ave., Oakland.

Mill Work—General Mill & Lumber Co., 1600 34th St., Oakland.

Hardware — Markus Hardware Co., 7th and Washington Sts., Oakland.

Painting—C. D. Erickson, 2405 Gaynor Ave., Richmond.

Lathing & Plastering—Aston & Newman, 2762 E. 21st St., Oakland.

Concrete—Ensor Buel, 5340 Grove St., Oakland.

Linoleum—The Linoleum Studio, 2061 Webster St., Oakland.

To Be Done By Day's Work

RESIDENCE Cost, $6,500

OAKLAND, Alameda Co., Calif. 148 Sonia St.

Two-story frame and stucco residence (6 rooms); garage.

Owner & Builder—M. C. Matheny, 835 Brooklyn Avenue, Oakland.

Architect—Not Given.

Sub Contracts Awarded

RESIDENCE Cost, $8,000

BERKELEY, Alameda Co., Cal. 1082 Miller Street.

Two-story frame and stucco residence (six rooms).

Owner—Mrs. Newton, Berkeley Women's City Club.

Architect—F. L. Confer, 3147 Claremont Ave., Berkeley.

Contractor—R. G. Parks, 2104 Addison St., Berkeley.

Roofing—Frank Primrose, 709 45th St., Oakland.

Plumbing—W. H. Picard, Inc., 4238 Broadway, Oakland.
Heating & Sheet Metal—1616 Carlton St., Berkeley.
Tile Work—The Rigney Tile Co., 3012 Harris St., Oakland.
Hardwood Floors—Frank Ambrose, Oakland.
Iron Grille Work—Art Smith, Berkeley.
Brick & Stone Work—Collins & Jensen, 610 36th Ave., Oakland.
Lumber—Oakland Lumber Co., 6901 E. 14th St., Oakland.
Mill Work—General Mill & Lumber Co., 1600 34th St., Oakland.
Hardware — Markus Hardware Co., 7th and Washington Sts., Oakland.
Painting—C. D. Ericksen, Oakland.
Lathing & Plastering—Aston & Newman, 2762 E. 21st St., Oakland.
Foundations & Concrete—Ensor Buel, 5340 Grove St., Oakland.
Linoleum—The Linoleum Studio, 2161 Webster St., Oakland.

Contract Awarded
RESIDENCE Cost, $7,000
SAN MATEO, Santa Clara Co., Calif. Lot 21 Block 7, Avila Street.
One - story frame and stucco residence.
Owner—E. L. Merwin.
Architect—Not Given.
Contractor—Leadley & Leadley, 207 Second Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $7,500
BURLINGAME, San Mateo Co., Cal. Lot 39 Block 9, Occidental Ave.
One - story frame and stucco residence.
Owner—Lester F. Scott.
Architect—Not Given.
Contractor — Gordon C. Hess, 1446 Burlingame Avenue, Burlingame.

Contract Awarded
RESIDENCE Cost, $9,000
SAN MATEO, Santa Clara Co., Calif. Lot 8 Block 15, Sonora Avenue.
Two - story frame and stucco residence.
Owner—Chas. C. Hirschy.
Architect—Not Given.
Contractor—Leadley & Leadley, 207 Second Ave., San Mateo.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. Stanyan and Geary Streets.
Two one-story and basement frame and stucco residences.
Owner and Builder—T. J. Draffin, 690 34th Avenue.
Architect—H. C. Baumann, 251 Kearny Street.

Contract Awarded
RESIDENCE Cost, $34,823
SAN MATEO, Santa Clara Co., Calif. Carolands Tract.
Two-story frame and brick veneer residence and garage.
Owner—Josephine D. Hooker.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—rFank G. Appelbe, 1067 Walker Ave., Oakland.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. 31st Avenue and Rivera Street.
Five one-story and basement frame and stucco residences.
Owner and Builder—C. T. Lindsay, 140 Duboce Ave.
Architect—W. E. Huson, 2808 Pierce Street.

Contract Awarded
RESIDENCE Cost, $7,000
SAN FRANCISCO, Calif. North Point and Webster Sts.
Two-story and basement frame and stucco residence.
Owner—H. A. and M. C. Gardiner, 3520 Broderick St.
Architect—Not Given.
Contractor—Risdon Bros., 1324 Portola Drive.

Plans Being Figured — Bids Close December 12, 11 A. M.
RESIDENCE Cost, $5,500
STOCKTON, San Joaquin Co., Calif.
One-story and part basement frame and stucco residence (five rooms, one bath), split shingle roofing, hardwood floors, linoleum floors in bathroom, gas floor furnace heat.
Owner—L. Biasotti, Stockton.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.
Bids will be received from the following selected list of contractors:
Jack Scott.
B. T. Parsons, Rt. 4, Box 305, Stockton.
Ecker Bros., Rt. 1, Box 15, Stockton.
H. W. Johnson, 1229 W. Magnolia, Stockton.
Jack Toothacre, Rt. 4, Box 47-J, Stockton.
Sam Eyre, 57 W. 10th St., Tracy.

To Be Done By Day's Work
RESIDENCES Cost, $4,000 each
SAN FRANCISCO, Calif. 39th Ave. and Irving St.
Three one-story and basement frame and stucco residences.
Owner & Builder—Bernhardt & Cowen, 924 Taraval St., San Francisco.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4,651
OAKLAND, Alameda Co., Calif. East Mount.
One-story frame and stucco residence (5 rooms); garage.
Owner—J. F. Roberts.
Architect — Chas. M. McCall, 1404 Franklin St., Oakland.
Contractor—Parsons & Williams, 2268 80th Ave., Oakland.

Bids Wanted—To Close Dec. 18
RESIDENCE Cost, $10,000
BURLINGAME HILLS, San Mateo Co., Calif.
Two - story frame and stucco residence (8 rooms, 3 baths), hardwood floors; linoleum baths; gas fired hot air furnace; garage.
Owner—Withheld.
Architect—Wm. H. Rowe, 351 California St., San Francisco.

Bids In—Under Advisement
RESIDENCE Cost, $6,000
WATSONVILLE, Santa Cruz Co., Calif.
Two-story frame and stucco residence (7 rooms, 1 bath), shingle roof, hardwood floors, wood sash, an oil burner heating system will be installed later.
Owner—Mr. Mozingo.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Announcement will be made in the near future

Sub Contracts Awarded
RESIDENCE Cost, $11,000
MENLO PARK, San Mateo Co., Cal. Lot 13, Block 7.
Two-story frame and stucco residence and garage.
Owner—Lee R. Auten.
Architect—Wallace A. Stephen, P.O. Box 185, Menlo Park.
Contractor—D. D. Bohannon, 1182 Market St., San Francisco.
Roofing—R. L. Reaves, Route 1, Box 806, Palo Alto.
Plumbing—Lee & Sharp, 611 Emerson St., Palo Alto.
Electric Wiring — Erskine Electric Works, Middlefield Road and 5th Ave., Redwood City.
Heating and Sheet Metal—Redwood City Sheet Metal Works, 502 Arguello St., Redwood City.
Glass—West Coast Glass Co., 516 High St., Palo Alto.
Lumber — Palo Alto Lumber and Roofing Co., 181 Channing Ave., Palo Alto.
Mill Work—Pacific Mfg. Co., Santa Clara.
Painting—Thomas & Stangl, Box 441, Palo Alto.
Lathing & Plastering—E. J. Silva, R.F.D. 2, Box 86, Menlo Park.

Sub Contracts Awarded
RESIDENCE Cost, $9,000
SAN MATEO, Calif. Lot 16, Blk. 21, Virginia and Park Blvds.
Two-story frame and stucco residence; garage.
Owner—H. J. Newton, care Contractor.
Architect — Higgins & Root, Security Bldg., San Jose.
Contractor—G. W. Williams Co., 315 Primrose Rd., Burlingame.
Lumber—Wisnom Lumber Co., 5th & S. Claremont Sts., San Mateo.
Mill Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.

Contract Awarded
RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Cal. Lot. 14, Blk 12, Valdeflores Dr.
Two-story frame and stucco residence.
Owner—L. R. Bean.
Architect—Not Given.
Contractor—H. T. Holsher, 325 Elm St., San Mateo.

Contract Awarded
RESIDENCE Cost, $6,559
SAN RAFAEL, Marin Co., Calif.
One-story frame and stucco residence; garage.
Owner—George Ankers.
Architect—Conrad T. Kett, 519 California St., San Francisco.
Contractor—Ernest Laxton, 526 Red Hill Ave., San Anselmo.

Sub Contracts Awarded
RESIDENCE Cost, $.....
PIEDMONT, Alameda Co., Calif.
Two-story frame and stucco residence (7 rooms, 3 baths), hardwood floors, plaster walls and ceilings, tile bath, etc.
Owner—Brooks Walker.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor — E. Tranmal, 483 Crescent St., Oakland.
Plumbing — Central Plumbing Shop, 1119 Grove St., Oakland.
Electric Wiring—Paramount Electric Co., 4216 Telegraph Ave., Piedmont.
Heating—Aladdin Heating Corp., 5107 Broadway, Oakland.
Sheet Metal—J. C. Owens, 1616 Carlton St., Berkeley.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Glass—Western Door & Sash, 5th & Cypress Sts., Oakland.
Hardwood Floors—V. Bates, 4059 Waterhouse Road, Oakland.
Brick & Stone Work—O. Reistrup, 3104 Ellis St., Berkeley.
Grading—Ariss-Knapp Co., 961 41st St., Piedmont.
Foundations & Concrete—J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Lumber—Tildens, 400 High St., Oakland.
Mill Work—Sheenan-Ballard Planing Mill Co., 9th & Parker, Berkeley.
Lathing & Plastering—C. H. Burnett & Son, 865 32nd St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Calif.
Two - story frame and stucco residence (8 rooms, 3 baths) steel sash, hardwood floors, tile baths

tile roof, hot air gas furnace, double garage, Spanish style.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley Ave., Oakland.
Plans being figured by a selected list of contractors.

Contract Awarded
RESIDENCE Cost, $7,500
PALO ALTO, Santa Clara Co., Cal. 125 Hawthorne Avenue.
One - story frame and stucco residence and garage.
Owner—M. Sibak, 975 Monterey Blvd. San Francisco.
Architect—Not Given.
Contractor—H. A. Knight, 560 Sierra Ave., Mountain View.

Plans Being Completed
RESIDENCE Cost, $7,600
BERKELEY, Alameda Co., Calif. North Berkeley District.
Two-story frame and stucco residence (6 rooms, 1 bath), shingled roof, hot air gas fired furnace, hardwood floors, tile bath, garage.
Owner—Name Withheld.
Architect—Chas. W. McCall, 1404 Franklin St., Oakland.
Bids will be asked shortly.

Completing Plans — To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, Calif. W. 31st Ave., near Kirkham St.
Six one-story frame and stucco residences; hardwood floors; tile baths; garages.
Owner & Builder—Clarence L. Wold Construction Co., Ltd., 4416 Fulton St.
Architect—C. O. Clausen, 746 46th Ave.

Contract Awarded
RESIDENCE Cost, $13,836
SAN MATEO, Calif. Devon and San Raymundo Roads.
Two-story frame and rustic residence and garage.
Owner—Roy C. Powers.
Architect—Mario C. Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—A. E. Orton, 151 Harriet Ave., Palo Alto.

BIDS WANTED
SAN FRANCISCO.—Until January 6, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under S.F.W.D. Spec. No. 131, for the construction of a ranger's cottage and appurtenant structures at Davis Tunnel, about 5.5 mi. west of Millbrae, San Mateo Co.
Bids will be taken as follows:
(1) Lump sum, constructing cottage; wood frame with stucco exterior finish;
(2) Lump sum, constructing garage; wood frame with stucco exterior finish;
(3) Lump sum, constructing barn; wood frame and corrugated galvanized iron;
(4) Lump sum, constructing electric plant building; wood frame with stucco exterior;
(5) Lump sum, constructing reinforced concrete cesspool;
(6) Lump sum, furnish and install steel water storage tank; 5,000-gal. capacity;
(7) Lump sum, furnish and install electric plant; 1.5 kw. direct current electric plant with conduits and wiring complete.
The contract includes all concrete work and excavation, installation of sewer and drain piping, underground and aerial circuit wiring and certain piping.
Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of $10.

Plans Being Figured
RESIDENCE AND LABORATORY Cost, $.....
BERKELEY, Alameda County, Cal. Spruce Street.
Two - story frame, stucco and reinforced conc. residence and laboratory (4 bedrooms and 3 baths) tile roof, hardwood floors, tile baths, hot air heat, steel sash.
Owner—A. F. Pillsbury.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.
Bids are being received by Mr. Snyder.

Completing Working Drawings
RESIDENCE Cost, $3,600
SONOMA COUNTY, Calif. One-half mile south of Santa Rosa, on Old Petaluma Hill Road.
One - story frame and stucco residence (five rooms) wood burning circulator heater; hardwood floors; tile bath, 2-car garage.
Owner—Ms. E. Brande.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Bids will be asked hortly.

Postponed Indefinitely.
ALTER RESIDENCE Cost, $.....
SEBASTOPOL, Sonoma Co., Calif.
Alterations and additions to residence (new baths, new roof, add additional rooms, etc.).
Owner—George Beck.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Plans will be revised and bids asked later.

Plans Completed — Owner Taking Bids
RESIDENCE Cost, $10,500
REDDING, Shasta Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths), hardwood floors, tile baths, etc.
Owner—Wm. A. Quinlan, Redding.
Architect—Masten & Hurd, 233 Post St., San Francisco.

Completing Working Drawings
RESIDENCE Cost, $12,000
CORTE MADERA, Marin Co., Calif.
Two-story frame and stucco residence (8 rooms, 3 baths), hardwood floors, tile baths, etc.
Owner—W. H. Austin, Corte Madera.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Upon completion of plans, owner

Contract Awarded
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif. 591 Alameda St.
Two-story frame and stucco residence (6 rooms), garage.
Owner—S. J. MacDonald, 579 Alameda St.
Architect—Not Given.
Contractor—F. E. Sherwood, 1359 Marin St.

Plans Being Completed
RESIDENCE Cost, $21,000
SAN FRANCISCO, Calif. Sherwood Forest.
Two-story frame and brick veneer residence (10 rooms, 4 baths), shingle tile roof, hardwood floors, tile baths, etc.
Owner—Dr. Phillip Vill, care Architect.
Architect—Masten & Hurd, 233 Post Street.
Bids will be asked in about two weeks.

Bids Wanted — To Close Dec. 21, 8 P. M.
RESIDENCE Cost, $4,500
LAFAYETTE, Contra Costa Co., Cal. Moraga Road and Brooks Ave.
One-story frame and rustic residence (6 rooms, 1 bath), tar gravel roof, oil furnace, hardwood floors, tile bath, garage.
Owner—Name Withheld.
Architect—George Payton Simonds, 80 Main St., Hayward.

Contract Awarded
RESIDENCE Cont. Pr., $4,790
HAYWARD, Alameda Co., Calif. 40 Main Street.
Two - story frame and rustic residence (6 rooms), garage.
Owner—G. Patton Simonds, 80 Main St., Hayward.
Plans by Owner.
Contractor—F. C. Little, 1960 B St., Hayward.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, Calif. 33rd Ave. and Rivera St.
Two one-story frame and stucco residences.
Owner & Builder—Boyd C. Lindsay, 183 Oxford St., San Francisco.
Architect—Not Given.

15— SCHOOLS

Preparing Plans
GYMNASIUM Cost, $.....
SAN FRANCISCO, Calif. Lowell High School, Hayes and Ashbury Streets.
Two-story reinforced concrete gymnasium.
Owner—City & County of San Francisco.
Architect—Charles Sawyer, City Architect, Room 265, City Hall.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

BIDS WANTED
PALO ALTO, Santa Clara Co., Cal. —Until December 21, 4 p.m., bids will be received by the Board of Education of the Palo Alto Unified School District, 543 Channing Ave., Palo Alto, for furnishing finish hardware for the David Starr Jordan Junior High School.
Plans and specifications obtainable from the office of Birge M. and David B. Clark, 310 University Ave., Palo Alto, architects.

Contract Awarded
SCHOOL Cont. Pr., $26,681
TULELAKE, Siskiyou Co., Calif.
One-story frame school building (6 classrooms), concrete footing and foundation walls; stucco exterior, wood shingle and built-up roofing, plaster interior walls and ceiling, warm air furnace.
Owner — Tulelake School District (Anne Horton, Clerk).
Architect — Howard Perrin, Underwood Bldg., Klamath Falls, Oregon).
Contractor—Brosterhous Constr. Co., Klamath Falls.
Complete bids follow:
Brosterhous Constr. Co., Klamath Falls—(1) work complete, $28,-313; (2) Alternate, deduct for certain omissions, $1,632.
M. W. Cherry, Klamath Falls—(1) $31,280; (2) $1,586.
Chas. Withers, Klamath Falls—(1) $33,000; (2) $1,565.
Karl Gentry, Tulelake—(1) $33,204; (2) $1,675.
Contract awarded subject to approval by the PWA.
A grant of $13,091 has been approved by the PWA.

Sub Contracts Awarded
SCHOOL Cont. Pr., $322,550
PALO ALTO, Santa Clara Co., Calif. Middlefield Road and California Avenue.
Two-story reinforced concrete David Starr Jordan Junior High School to accommodate 1,000; administration office, 27 classrooms, boys' and girls' gymnasium, auditorium to seat 1,000; cafeteria to accommodate 600, and library.

Owner—Palo Alto School District.
Architect — Birge M. and David B. Clark, 310 University Ave., Palo Alto.
Contractor — Carl N. Swenson, 355 Stockton Ave., San Jose.
Lumber — Merner Lumber Co., 795 State Highway, Palo Alto.
Mill—Pacific Manufacturing Co., Santa Clara.
Reinf. Steel — Dick Richards, 3422 Piedmont Ave., Oakland.
Struc. Steel & Ornamental Iron—Independent Iron Works, 821 Pine St., Oakland.
Glass & Glazing—W. P. Fuller & Co., 301 Mission St., San Francisco.
Plastering—Joe Provenzano, 85 No. Williard St., San Jose.
Plumbing & Heating—William F. Serpa, 497 N. 13th St., San Jose.
Electric Wiring—E. F. Burkhart, 444 Emerson St., Palo Alto.
Roofing—R. L. Reaves Roofing Co., Route 1, Box 806, Palo Alto.
Window Hardware — Dalmo Sales Corp., 511 Harrison St., San Francisco.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.

BIDS WANTED

PITTSBURG, Contra Costa Co., Cal.—Until Dec. 22, 5:15 P. M., bids will be received by the Pittsburg Unified School Dist., Armand Stow, Clerk of the Board of Trustees, for the purchase of the one-story fame building located at 454 E Eighth St., Pittsburg.

LOW BIDDER

LOS ANGELES, Calif.—Harry Miller, 1908 W. 75th St., submitted low bid to Los Angeles board of education, at $107,547, for new reinf. concrete assembly building to be erected at Thomas Jefferson High School, 1319 E. 38th St. Morgan, Walls & Clements, Architects; Edwin F. Rudolph, Structural Engineer; E. L. Ellingwood, Mechanical Engineer, and Michael Retinger, Acoustical Engineer.

BIDS WANTED

LOS ANGELES, Calif.—Until Dec. 22, 11 a.m., bids will be received by the University of California at Los Angeles for furniture for the administration building at U. C. L. A. Bidding data may be obtained at the office of the comptroller, 405 Hilgard Ave., Los Angeles, upon deposit of $10.00.

BIDS OPENED

SAN RAFAEL, Marin Co., Calif.—Brown & Lambretti, 275 E. Blythedale Ave., Mill Valley, at $2,221.00, submitted low bid to the City of San Rafael, for construction of concrete bulkheading on the grounds of the San Rafael Grammar School, 4th and E Streets. Plans prepared by Architect N. W. Sexton, deYoung Bldg., San Francisco.

Following are complete bids:

Concrete Bulkhead Work

Brown & Lambretti, Mill Valley	$2,221.00
Bottini Bros., San Rafael	2,288.00
De Luca & Son, S. F.	3,553.00

Fence Work

Anchor Post Fence Co. of Calif., 460 Fifth St., San Francisco	897.00
Standard Fence Co., Oakland	1,034.35

Basement Finish

De Luca & Son, Inc., 1745 Filbert St., S. F.	1,653.00
Miller & Newton, San Rafael	1,728.00

PLANS COMPLETED

TEMPE, Arizona.—Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, have completed plans for the new student activities building to be built in Tempe for Arizona State Teachers' College. Work will be started shortly with WPA labor. Cost, $60,000.

LOW BIDDER

ALHAMBRA, Los Angeles Co., Cal.—Walter E. Burris, 2939 Westview St., Los Angeles, submitted low bid to Alhambra board of education, at $24,618, for construction of Park school auditorium and rehabilitation of present auditorium unit. John Walker Smart, 39 E. Main St., Alhambra, Architect.

NO BIDS RECEIVED — NEW BIDS WANTED

SAN FRANCISCO.—Until Dec. 16, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. 5234, for sinking of eight test holes on the site of the proposed Lowell High School Gymnasium, SW corner of Masonic Ave. and Grove Street.

Specifications obtainable from the office of City Architect Charles H. Sawyer, Room 265, City Hall. No deposit required.

At previous bid opening Dec. 9, no bids were received.

BIDS OPENED

SAN FRANCISCO.—D. J. & T. Sullivan, 1942 Folsom St., at $205.50, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5203, for moving two bungalows from Yerba Buena School, Greenwich St., bet. Webster and Fillmore Streets, to John Swett School, McAllister St., bet. Franklin and Gough Sts.

Complete bids follow:

D. J. & T. Sullivan	$205.50
Hanson Bros.	425.00
Pearson & Johnson	495.00

(All of San Francisco.)

BIDS OPENED

SAN FRANCISCO.—B. F. Shearer Co., 243 Golden Gate Ave., at $621.25, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 5233, for roller type picture screen controlled with a counter weight and beam supports for same for the Girls' High School, Scott and O'Farrell Streets.

Only other bid submitted by Gill-Mann Co., San Francisco, at $1,575.

16—BANKS, STORES AND OFFICES

Preparing Plans

STORE BLDG. Cost, $.....
BERKELEY, Alameda Co., Calif. Hearst Ave. and Ridge Road.
One-story frame store building.
Owner—Henry Schwartz, 13th and Broadway, Oakland.
Lessee—Hagstrom's Food Stores, Inc.
Architect—Not Given.
Bids will be asked in about one week.

Preparing Working Drawings

ALTERATIONS AND ADDITIONS Cost, $5,000
UKIAH, Mendocino Co., Calif. Minetti Block.
Alterations and additions to J. C. Penney store.
Owner—A. Perelli-Minetti, Wallace Ranch, Delano.
Lessee—J. C. Penney Co. (W. B. Cannon, Manager).
Architect—Italo Zanolini, 604 Montgomery St., San Francisco.
Bids will be asked in about two weeks.

Contract Awarded

ALTERATIONS Cost, $46,791
SAN FRANCISCO, Calif. Stockton and Market Sts.
Alter interior and install store fixtures in Roos Bros.' store.
Owner—Roos Bros., Inc., Stockton and Market Sts.
Architect—Williams & Grimes, 251 Post St., San Francisco.
Contractor—Walter Mfg. Co., 5875 Mission St.

Plans Being Completed

ALTERATIONS Cost, $3,500
HEALDSBURG, Sonoma Co., Calif.
Alter store building.
Owner—Frank Gromo, Healdsburg.
Architect—John Easterly, Healdsburg and Santa Rosa.
Bids will be asked within a few days.

Contract Awarded

ALTERATIONS Cost, $.....
SAN FRANCISCO, 2242 Polk St.
Alterations to stores in Avondale Apartments.
Owner—Withheld.
Architect — Angus McSweeney, 604 Mission Street.
Contractor—F. R. Seigrist, 604 Mission St.

Contract Awarded

ALTERATIONS Cost, $7,000
SAN FRANCISCO, Calif. 485 California Street.
Alter office building.
Owner—Capital Co., 625 Market St.
Architect—Not Given.
Contractor—Langfelder & Schuster, 280 Wawona St.

Sub Contracts Awarded

ALTERATIONS Cost, $20,200
BERKELEY, Alameda Co., Calif. Shattuck Square.
Alterations to store building.
Owner—Shattuck Imp. Co., 111 Sutter St., San Francisco.
Architect—Chas. McCall, Atco Bldg., Oakland.
Contractor — J. F. Tulloch, 335 8th St., Oakland.
Plumbing — Charles Knights, 1726 Grove St., Berkeley.
Electric—Matson Electric Equip. Co., 4115 Broadway, Oakland.
Heating—Max Finzel Plumbing Co., 2025 Hopkins St., Oakland.
Tile & Linoleum—Superior Tile Co., 3743 Broadway, Oakland.
Glass—East Bay Glass Co., 621 Sixth St., Oakland.
Structural Steel — Independent Iron Works, 821 Pine St., Oakland.
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley.
Mill—Loop Lumber & Mill Co., 2001 Broadway, Alameda.
Lathing & Plastering—Wm. Makin, 2141 Livingston St., Oakland.

Sub Contract Awarded

STORE Cost, $40,000
OAKLAND, Alameda Co., Calif. 17th Street and Broadway.
One-story and mezzanine floor concrete and steel store building (composition roofing, etc.).
Owner — Jamieson-Towle-Willoughby, Oakland and San Francisco.
Architect—K. E. Ponsford, 900 Creed Road, Oakland.
Contractor — F. A. Muller, 1416 Jefferson St., Oakland.
Lumber—Hogan Lumber Co., 2nd and Alice Sts., Oakland.
As previously reported:
Reinf. Steel—Soule Steel Co., 1750 Army St., San Francisco.
Concrete — Nat Lena, 1174 19th St., San Francisco.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.
Excavation — Ariss-Knapp Co., 961 41st St., Oakland.
Underpinning—D. J. Sueell, 2626 Ivy Dr., Oakland.

Sub Contracts Awarded

OFFICE BUILDING Cost, $24,000
RICHMOND, Contra Costa Co., Calif. S. Lucas Ave., bet. Katherine & Irene Sts.
One-story frame office building; cement plaster exterior.
Owner — California Spray Chemical Corporation, 2082 Center Street, Berkeley.

Architect — James W. Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—John F. Tulloch, 335 8th St., Oakland.
Electric Wiring—Matson Elec. Equip. Co., 4115 Broadway, Oakland.
Heating—Max Finzel Plumbing Co., 2025 Hopkins St., Oakland.
Roofing & Sheet Metal—Central Sheet Metal & Roofing Co., 3246 Ettie St., Oakland.
Tile Work—Superior Tile Co., 3743 Broadway, Oakland.
Glass—East Bay Glass Co., 621 Sixth St., Oakland.
Lumber—Tilden Lumber Co., foot of University, Berkeley.
Mill—Oakland Planing Mill, Inc., 105 Washington St., Oakland.
Painting—Turgeon Painting Co., 2059 Webster St., Oakland.
Lathing & Plastering—Wm. Makin, 2141 Livingston St., Oakland.

Plans Being Prepared
BANKING ROOM Cost, $.....
SAN FRANCISCO. 9th and Market Sts. Balconades Building.
New banking room (heating, ventilating, electrical, banking fixtures, etc.).
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Department of Owner.

Bid Opening Postponed Until Dec. 11, 2 P. M.
OFFICE BLDG., ETC. Cost, $.....
SAN JOSE, Santa Clara Co., Calif. 14th and Santa Clara.
Two-story frame and stucco building (doctor's offices on the first floor; 4-room apartment on second floor) hot air heat; tile and built-up gravel roof; steel sash; hardwood floors in apartment; linoleum floors in offices.
Owner—Mr. and Mrs. J. Pugle.
Architect — Chas. McKenzie, Twohy Bldg., San Jose. •

17— THEATRES

Contract Awarded
THEATRE Cost, $25,000
WALNUT CREEK, Contra Costa Co., Calif.
One-story Class C concrete theatre building (to seat 700).
Owner—Withheld.
Operated by E. P. Laws, Turlock.
Architect—A. A. Cantin, 64 Pine St., San Francisco.
Contractor—John Q. Renfrow, 1154 57th Ave., Oakland.

18— WHARVES & DOCKS

BIDS WANTED
REDWOOD CITY, San Mateo Co., Calif.—Until January 4, 3 p.m., bids will be received by the Redwood City Council, B. E. Myers, City Clerk, City Hall, for the construction of a 450-ft. timber wharf, on creosoted piles, with an area of 36,614 sq. ft., and construction of a timber frame transit shed, 100x120 ft., with corrugated iron sides and composition roof, to be built upon the wharf, the substructure to be an integral part of the wharf and having an asphaltic wearing surface floor.

The transit shed will have a capacity of 250 tons per day. An asphaltic wearing surface 2 in. thick will cover the wharf area, and approach ramps 20 ft. wide will be constructed at each end.

Bids will be taken as follows:
(Ia) 1,000 l.f. creosoted piles, 35x49 ft. long;
(Ib) 9,000 do., 50x64 ft.;
(Ic) 12,000 do., 65x74 ft.;
(Id) 14,000 do., 75x100 ft.;
(Ie) 4,000 do., 101x120 ft.;
(II) Lump sum, for deck of wharf, including all caps, stringers, bracing, flooring, paving, iron work, inclines, dolphin (except creosoted piles) and fender system;
(III) Lump sum, transit shed complete (no electric wiring or plumbing);
(IV) 1,000 tons rock riprap in place, for bank slope protection.

Plans and specifications obtainable from the above office upon deposit of $20. Charles Dimmitt, City Engineer.

The completed project will include construction of a spur track, roadway connections, and facilities. A grant of $71,235 has been approved by the PWA, representing 45% of the estimated cost. •

19—MISC. CONSTRUCTION

Contracts Awarded
ALTERATIONS Cost, $12,000
SAN FRANCISCO, Calif. 1470 Pine St.
Alterations to existing building to accommodate radio broadcasting station (broadcasting rooms, studio, offices).
Lessee—KJBS Broadcasting Co.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—Clifton C. Newman, 1269 Vermont St., San Francisco.

Bethlehem Steel Co., 20th and Illinois Sts., awarded contract to construct 245-ft. steel broadcasting tower.

Award Recommended
SWIMMING POOL Cost, $75,000
RENO, Nevada.
Swimming pool (50x150) and wading pool for children (50x50), bathhouse and equipment; Idlewild Park.
Owner—City of Reno (J. B. Reese, City Clerk).
Engineer—C. L. Hill, Reno (city engineer).
Low Bidder—J. C. Dillard, 805 S. Virginia St., Reno.
Complete bids follow:
J. C. Dillard, Reno.....$84,598.59
I. Christensen, Reno..... 85,557.76
Pacific Constr. Co., S. F..... 98,776.20
Rocco Vaninetti, Reno.....108,319.52
A grant of $31,000 was recently approved by the PWA.
City Council has recommended to the PWA that the contract be awarded J. C. Dillard at $84,598. •

Contract Awarded
TRUCKING TABLES Cost, $21,677
SAN FRANCISCO, Calif. Fifth and Berry Streets.
Two trucking tables.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Contractor — Soule Steel Co., 1750 Army St., San Francisco.

Additional Sub Contracts Awarded
ALTERATIONS Cont. Pr., $19,170
SAN FRANCISCO. Sixth Ave. and Geary St.
Alterations to undertaking establishment.
Owner—Ashley & McMullen, Inc., 399 Sixth Avenue.
Architect—Johnson & Wethered, Sir Francis Drake Hotel.
Contractor—Peter Sartorio, 666 Mission Street.
Electric—G. H. Armstrong, 1588 Van Ness Avenue South, San Francisco.
As previously reported:
Grading—Devincenzi Bros. & Co., 150 Collins St., San Francisco.

BIDS WANTED
LOS ANGELES, Calif.—Twentieth Century-Fox Film Corp., 10260 Orton Ave., West Los Angeles, is taking bids for three steel and wood frame sound stages (11-A, 11-B and 16), to be built at the company's studio in West Los Angeles. One of the structures will be 136x215 feet in area and the other two 130x136 feet. Cost, $350,000. Structural Engineer, J. A. Barlow, prepared the plans.

BIDS WANTED
SAN FRANCISCO.—Until Dec. 16, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5258, for removing 34 obsolete lighting standards from various locations and hauling them to the Corporation Yard at 1950 Harrison.

Information obtainable from P. W. King, General Superintendent of the Bureau of Streets, 1950 Harrison St.

BIDS OPENED
SAN FRANCISCO.—San Francisco Elevator Co., 860 Folsom St., at $100.26, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5199, for furnishing and installing an iron hoisting cable on passenger elevator No. 8, County Jail No. 1, and iron governor cable on passenger elevator No. 7, Hall of Justice, both located at Kearny and Washington Streets.

Only other bid submitted by Otis Elev. Co., San Francisco, at $101.85.

BIDS WANTED
SAN FRANCISCO.—Until Dec. 16, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5257, for treating linoleum covered floors in Assessor's office. Work consists of scrubbing floors with cleaner and wax remover, filling holes and applying two coats of lacquer.

Additional information obtainable from the office of R. A. Chisholm, Superintendent of Public Buildings, 484 11th Street.

BIDS OPENED
SAN FRANCISCO, Cal.—J. Harold Johnson, 639 Brannan Street, at $658, submitted low bid to Department of Public Works, City Hall, under Spec. No. 5187, for alterations to Room 336, City Hall. Estimated cost, $1,250. Work consists of lathing and plastering partitions, shelving, benches, miscellaneous plumbing; size of room 17 x 7 feet. Complete bids follow:
J. Harold Johnson.....$658.00
Frank J. Reilly Co..... 871.00
A. M. Hardy..... 875.00
Dept. of Public Works, Bureau of Bldg. Repair..... 889.52
H. L. Peterson Constr. Co.....1013.00
Braas & Kuhn Co.....1098.00
(All of San Francisco.)

20—MISC. SUPPLIES AND MATERIALS

BID CALL CANCELLED
SAN FRANCISCO.—The U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, has cancelled a call for bids, to have been opened December 12, 3 p.m., under Bid No. 868-37-94, for furnishing 12 steel anchor buoys, 30x54 inches.

BIDS OPENED
SACRAMENTO, Sacramento Co., Calif.—Lord & Bishop, Native Sons Bldg., Sacramento, at $1,100, submitted low bid to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid. No. 1105-37-115, for furnishing and delivering 400 tons of Oroville cobbles f.o.b. truck along the easterly bank of Sacramento River at Colusa Weir, approximately 2.5 mi. upstream from Colusa.

Harrison & Harrison, Oakland, at $1,352, discounts 3% 10 days, 2% 20 days, 1% 30 days, submitted the only other bid.

BIDS OPENED

GLENDALE, Los Angeles Co., Cal.—Bids for furnishing western red cedar, southern yellow pine or Douglas fir poles were opened by the Glendale City Council. The items were:

(1) 200 40-ft. poles;
(2) 100 50-ft. poles;
(3) 10 55-ft. poles;
(4) 500 60-ft. poles;
(5) 8 65-ft. poles;
(6) 6 70-ft. poles;
(7) 5 75-ft. poles;
(8) 3 80-ft. poles.

The bids were:

General Electric Co.—(1) $17.65; (2) $24.80; (3) $28.85; (4) $34.55; (5) $39; (6) $45.70; (7) $54.30; (8) $66.50; total, $24,628.85; 45 days by rail; shipping point, Spokane; cedar.

Graybar Electric Co.—(1) $21.90; (2) $30.52; (3) $35.54; (4) $38.47; (5) $43.81; (6) $49.09; (7) $55.67; (8) $62.17; total, $28,122.28; 30 days by rail; shipping point, Everett; cedar.

J. H. Baxter Co.—(1) $18.82; (2) $26.46; (3) $30.77; (4) $35.08; (5) $43.94; (6) $50.20; (7) $55.96; (8) $61.02; total, $25,373.52; delivery start 30 days by rail; shipping point, Long Beach; fir or cedar.

General Electric Co.—(1) $24.15; (2) $36.55; (3) $43.35; (4) $55.85; (5) $66.30; (6) $74.20; (7) $84.80; (8) $96.40; total, $38,532.30; delivery start 10 days; shipping point, Shreveport; pine.

Joslyn Co.—(1) $17.25; (2) $26.80; (3) $34.43; (4) $44; (5) $49.90; (6) $59.10; (7) $70.55; (8) $82.95; total, $29,829.70; delivery to begin in 4 to 5 weeks by rail; shipping point, Winnfield, La.; pine.

Texas Creosoting Co.—(1) $19.52; (2) $30.59; (3) $41.55; (4) $48.81; (5) $57.93; (6) $64.82; (7) $74.09; (8) $102.77; total, $33,314.62; delivery to begin in one week; shipping point, Houston, Tex.; pine.

Pan-Pacific Piling & Constr. Co.—(1) $22.40; (2) $29.88; (3) $33.96; (4) $37.80; (5) $41.93; (6) $46.55; (7) $51; (8) $55.20; total, $27,742.94; delivery start in 14 days; delivery point, Wilmington; fir. Strike condition prices.) Alternate: (1) $20.80; (2) $28.13; (3) $30.96; (4) $34.50; (5) $37.38; (6) $41.65; (7) $45.75; (8) $49.60; total, $25,458.89; delivery start in 21 days; delivery point, Wilmington; fir (normal conditions).

H. A. Browning—(1) $20.04; (2) $28.70; (3) $32.65; (4) $37.50; (5) $42.30; (6) $48.65; (7) $53.65; (8) $58.30; total, $27,099.95; delivery start 30 days; shipping point, Wilmington; fir; all rail; 1% 10 days. Alternate: (1) $18.10; (2) $25.95; (3) $29.50; (4) $33.25; (5) $37.95; (6) $44.70; (7) $49.60; (8) $54.20; total, $24,117.40; delivery start 40-45 days; shipping point, Wilmington; fir; rail and water; 1% 10 days.

Chas. R. McCormick—(1) $22.75; (2) $34.20; (3) $40.20; (4) $44.15; (5) $50.55; (6) $57.40; (7) $64.15; (8) $78.05; total, $31,755.70; delivery, 45 days; shipping point, St. Helens; fir; rail and water. Alternate: (1) $24.10; (2) $34.80; (3) $41.55; (4) $45.55; (5) $51.40; (6) $58.80; (7) $65.50; (8) $81.55; total, $32,826.65; delivery, less than 45 days; shipping point, St. Helens; fir; all rail. 20

CONTRACT AWARDED

GRAND COULEE DAM, Wash.—Hardie-Tynes Mfg. Co., Birmingham, Ala., at $1,454,141.21 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 701, for furnishing twenty sets of gates and conduit linings, each set to consist of one 102-inch paradox gate, one 102-inch ring-follower gate, and one set of conduit linings for installation in the outlet works at the Grand Coulee Dam, Columbia Basin Project.

CONTRACTS AWARDED

SACRAMENTO, Calif.—Perkins Gravel Co., 1846 37th St., Sacramento at $1.30 on Item (1) and the Sacramento Rock & Sand Co., 16th and A Sts., Sacramento, at $2.05 on Items (2a) and (2b) and at $1.90 on (2c), $1.75 on (3) and $1.75 on (4) submitted the lowest bids received and will be awarded contracts by the Constructing Quartermaster, Sacramento Air Depot, under Bid No. 6870-37-4, for furnishing:

(1) 1,500 tons road gravel;
(2) (a) 65 tons graded gravel, ¼-in. to No. 10;
(b) 105 tons ⅜-in. to No. 10;
(c) 285 tons 1-in. to ½-in.;
(3) 50 tons concrete sand;
(4) 100 tons coarse aggregate.

Complete bids follow:

Perkins Gravel Co., Sacramento: (1) $1.30; (2a) $2.05; (2b) $2.05; (2c) $1.90; (3) $1.75; (4) $1.75.

Sacramento Rock & Sand Co., Sacramento: (1) $1.35; (2a) $2.05; (2b) $2.05; (2c) $1.90; (3) $1.75; (4) $1.75.

Pacific Coast Aggregate Co., Sacramento: (1) $1.35; (2a) $2.05; (2c) $2.05; (2c) $1.90; (3) $1.75; (4) $1.75.

Del Paso Rock Products Co. Sacramento: (1) no bid; (2a) $2.05; (2b) $2.05; (2c) $1.90; (3) $1.75; (4) $1.75.

Sacramento Bldg. Materials Co.: (1) no bid; (2a) $2.05; (2b) $2.05; (2c) $1.90; (3) $1.75; (4) $1.75.

Mucke Sand & Gravel Co., Sacramento: (1) no bid; (2a) $2.05; (2b) $2.05; (2c) $1.90; (3) $1.75; (4) $1.75.

American Fuel & Materials Co., Sacramento: (1) no bid; (2a) $2.05; (2b) $2.05; (2c) $1.90; (3) $1.75; (4) $1.75.

BIDS OPENED

SAN FRANCISCO, Calif.—Ready-mix Concrete Co., Ltd., Carolina and Mariposa Sts., at $12.50 per c.y., discount 2% 20 days, delivery in two days, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, under Bid No. 868-37-95, for furnishing 400 c.y. Class A transit-mixed concrete, f.o.b. Fort Funston.

John Cassaretto, at $13 per c.y., discount 2% 20 days, delivery in 3 days, submitted the only other bid.

CONTRACT AWARDED

SACRAMENTO.—Sacramento Rock & Sand Co., 16th and A Sts., Sacramento, and the Perkins Gravel Co., Sacramento, at $7 per c.y., less a discount of 2% 10th prox., submitted identical bids to Major Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, Old Post Office Terminal Bldg., under Bid No. 6870-37-7, for furnishing 120 c.y. of ready mixed concrete.

Contract was awarded by lot to the Sacramento Rock & Sand Co.

BIDS OPENED

SAN FRANCISCO.—Following bids received by F. F. Moran, Assistant Procurement Officer, Forest Service, Phelan Bldg., under Bid No. 953, for furnishing: (1) 120 20-ft. western red cedar, Class 6, butt treated poles; and (2) 25 25-ft. do:

James L. Hall Co., S.F.—(1) $338.75, (2) $81.75, f.o.b. Tacoma; (1) $331.25, (2) $82.50, f.o.b. Bellingham; (1) $407.50, (2) $102, f.o.b. Portland.

Howard W. Baxter Co., S. F.—(1) $481, (2) $81.25, f.o.b. Bellingham.

McCormick Supply Co., S. F.—(1) $462.50, (2) $122.50, f.o.b. Portland.

Maydwell & Hartzell, S. F.—(1) $400, (2) $100, f.o.b. East Milwaukee, Oregon.

General Electric Supply Co., S. F.—(1) $325, (2) $81.25, f.o.b. Spokane.

J. H. Baxter Co., S. F.—(1) $375, (2) $85.25, f.o.b. Seattle.

Graybar Electric Co., S. F.—(1) $368.75, (2) $87.50, f.o.b. Everett; (1) $466.24, (2) $103, f.o.b. Livermore.

Chas. R. McCormick Co., S. F.—(1) $3.25 each, (2) $4.35 each, f.o.b. Milwaukie.

For RENT, SALE or TRADE

30-H.P. Tractors with Bulldozers
60-H.P. Tractors with Bulldozers
75-H.P. Diesel Tractors with Bulldozers
8 and 12-Yd. Le Tourneau Carryalls

Bulldozers
Rooters
Busters

Tampers
Compressors
Jackhammers

White 5-Yd. Dump Trucks

3-8 Yd. "P. & H." Gasoline Power Shovel
3-4 Yd. Diesel "Speeder" Shovels
Portable Kohler Electric Light Plants
Portable Air Compressors from 85 Cu. Ft. to 315 Cu. Ft.
Caterpillar Diesel Driven

BAY EQUIPMENT CO.

255 Bayshore Blvd. SAN FRANCISCO, CALIF.
ATwater 1717-1718

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SACRAMENTO. — Until December 18, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-120, for furnishing approximately 25 cylinders of oxygen and 12 cylinders of acetylene.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

FORT MASON. — Until December 21, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-193, for furnishing 2,025 lbs. of scale solvent for cleaning water circulating systems of Diesel and gas engines and other heat exchange units.

Solvent is for shipment to the Quartermaster, Philippine Department, Manila.

Specifications obtainable from the above office.

SACRAMENTO. — Until December 22, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-127, for furnishing gasoline and Class "D" lubricating oil for delivery to government cars at various points in northern California.

Specifications obtainable from the above office

FORT MASON. — Until December 18, 2 p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-192, for furnishing 736 cloth window shades, delivery baskets, and chamois skins.

Specifications obtainable from the above office.

SACRAMENTO. — Until December 17, 2 p.m., bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, Old Post Office Terminal Bldg., Sacramento, under Bid No. 6870-37-6, for furnishing coal tar creosote treated, 8-lb. absorption railroad ties, as follows:

(1) 4450 cross ties, 7x8 in. x 8 ft. long;
(2) 80 cross ties, 7x8 in. x 8 ft. 6 in. long, sawed four sides;
(3) 60 switch ties, sawed four sides, 7x8 in. x 9 ft. long;
(4) 42 do., 7x8 in. x 9 ft. 6 in. long;
(5) 34 do., 7x8 in. x 10 ft. long;
(6) 26 do., 7x8 in. x 10 ft. 6 in. long;
(7) 18 do., 7x8 in. x 11 ft. long;
(8) 25 do., 7x8 in. x 11 ft. 6 in. long;
(9) 18 do., 7x8 in. x 12 ft. long;
(10) 25 do., 7x8 in. x 12 ft. 6 in. long;
(11) 25 do., 7x8 in. x 13 ft. long;
(12) 34 do., 7x8 in. x 13 ft. 6 in. long;
(13) 25 do., 7x8 in. x 14 ft. long;
(14) 10 do., 8 in. thick x 12 in. wide on top x 15 ft. 6 in. long.

Specifications obtainable from the above office.

FORT MASON. — Until December 14, 11 a.m. (date postponed from Dec. 13, previously reported), bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-50, for furnishing electric material, including outlet boxes, wire, utility boxes, connectors, bushings, conduit, fixtures, switches, etc.

Delivery f.o.b. Bldg. No. 59, Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from the above office.

FORT MASON. — Until December 14, 10 a.m. (date postponed from December 13, previously reported), bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-49, for furnishing Douglas fir lumber and millwork.

Delivery f.o.b. Bldg. No. 59, Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Dec. 14, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-97, for furnishing 175,819.6 lbs. reinforcing steel bars.

Delivery fob Fort Funston.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Dec. 14, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868 - 37 - 96, for furnishing gas proof closures.

Delivery fob Fort Funston.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Dec. 22, 10 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-51, for furnishing two new vacuum pumps, horizontal, wet vacuum type, etc.

Delivery fob Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until December 18, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1701, for furnishing pipe, pipe fittings, and drinking fountains for the term January 1 to April 30, 1937.

Specifications obtainable from the above office.

TREASURY DEPARTMENT

SAN FRANCISCO. — Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous supplies for use on WPA projects, as follows:

December 14, 10 A. M.

BID NO. 2993—500 tons concrete mix aggregates; f.o.b. Lakeside Drive, north of Oak St., Oakland.

December 15, 10 A. M.

BID NO. 2983—Steel pipe and fittings; f.o.b. Lombard Park, Greenwich and Hyde Streets, San Francisco.

BID NO. 2981—Sheet copper, fly screen, drawn brass, galvanized sheet iron, etc.; f.o.b. Zoological Gardens, Sunset near Skyline, San Francisco.

BID NO. 2982—Corrugated galvanized metal pipe and band couplers; f.o.b. road from Grizzly Peak Blvd., near Golf Clubhouse to the head of Shasta Road, Berkeley.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous supplies for use on WPA projects, as follows:

December 14, 10 A. M.

BID NO. 2968—Millwork and blackboards; f.o.b. Stony Brook Sch., junction Stonybrook and Palomares Road, Hayward.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., for the rental of equipment for use on WPA projects, as follows:

December 15, 10 A. M.

BID NO. 2964—One 1½-ton truck; f.o.b. vicinity of Eureka, Humboldt County.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous supplies for use on WPA projects, as follows:

DECEMBER 14, 10 A .M.:

BID NO. 2974: 320 l.f. clay sewer pipe, 21-in. dia.; fob Powell and Landregan Sts., Emeryville;

BID NO. 2973: Corrugated metal pipe and band couplers; fob Golden Gate Bridge Lighting, Ft. Baker;

BID NO. 2979: 175 tons base rock, 72 tons rock chips, 242 sacks cement, 6 drums putty, and 20 M. common red brick; fob Mayfield Library Site, Wellesley St. near California, Palo Alto.

Specifications obtainable from the above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND. — Until December 22, 2 p.m., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4118, for furnishing new Cletrac parts. Lump sum allowance is to be quoted for used equipment.

Delivery f.o.b. shipping point and/or Glendale.

Specifications obtainable from the above office

GOVERNMENT ISLAND. — Until December 17, 2 p.m., bids will be received by I. M. Stevens, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4125, for furnishing 300 packsacks, No. 10 olive drab duck.

Delivery f.o.b. bidder's shipping point and/or Milwaukee, Wis.

Specifications obtainable from the above office.

GOVERNMENT ISLAND. — Until December 15, 2 p.m., bids will be received by H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4122, for furnishing replacement parts for "Forester Pakezy" type back pack outfits.

Delivery f.o.b. bidder's shipping point and/or Government Island.

GOVERNMENT ISLAND. — Until December 15, 2 p.m., bids will be re-

ceived by Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 4117, for furnishing 92 rubber saw guards.

Delivery f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office

SAN FRANCISCO.—Until December 15, 2 p.m., bids will be received by F. F. Moran, Assistant Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 954, for furnishing six 5,000-gal. capacity fire suppression water tanks, of 16-ga. corrugated galvanized steel, with inverted cone tops, each 9 ft. 3 in. diam., by 10 ft. 3 in. high.

Delivery f.o.b. bidder's shipping point and/or Pacoima.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE. — Until December 15, 10:30 A. M., bids will be received by A. L. Flint, Genral Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3204, for furnishing miscellaneous supplies, including:

Roofing tile, floor tile and base, wicker furniture, lead-sheathed cable, weatherproof wire, tender-brake shoes, armature copper bar bender, armature coil taper, paint cans, cabin-door hooks, fire hose, paints, varnish, lubricating oil and white Portland cement.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Dec. 18, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1696, for furnishing hardware and castings for the term January 1 to June 30, 1937.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Dec. 18, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1695, for furnishing paints, painters' supplies and glass for the term Jan. 1 to June 30, 1937.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Dec. 14, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Sale No. 149, for the sale of the following:

Lot No. 1, located in basement of Civic Auditorium, Hayes and Larkin:

(a) Approx. 2900 lin. yds. 6-oz. oil painted canvas, 29-in. wide, in short lengths.

(b) Approx. 3800 lin. yds. of 6-oz. aluminum painted canvas, 29-inches wide, in short lengths;

(c) Approx. 10,000 lin. yds. 8-oz. oil painted canvas, 36-in. wide, in long lengths, with grommets on both edges.

The above property may be inspected at the point where now located.

Information obtainable from above office.

U. S. BUREAU OF PRISONS

GOVERNMENT ISLAND, Calif.—Until December 14, 2 P. M., bids will be received by H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 4115: Wrenches, screw drivers, pliers, etc.; fob bidder's shipping point and/or Government Island;

BID NO. 4120: 85 dozen hickory falling wedges; fob bidder's shipping point and/or Government Island;

BID NO. 4124: 60 1½-qt. size fire extinguishers, carbon tetrachloride type; fob bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

MET. WATER DISTRICT

LOS ANGELES.—Until Jan. 5, 10 a.m., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing three 6½x10-ft. motor operated regulating slide gates for the Copper Basin reservoir outlet of the Colorado River Aqueduct. Spec. No. 187. Certified or cashier's check for $2000 must accompany bid.

ALAMEDA COUNTY

OAKLAND, Alameda Co., Calif.—Until December 29, 10 a.m., bids will be received by the Alameda County Board of Supervisors, G. E. Wade, County Clerk, for furnishing metal furniture and steel shelving for the Recorder's office.

Plans and specifications obtainable from the Purchasing Agent's office upon deposit of $25.

RECLAMATION BUREAU

BOULDER CITY, Nev.—Until Dec. 28, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 858-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City, two flowmeters for measuring the flow of water through 115,000-h.p. hydraulic turbines for installation in the Boulder power plant.

The apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona bide bidders, to others, $0.25, not returnable.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

GRINDING machine, motor-driven, thread; Mare Island. Sch. 9403; Dec. 11.

COTS, 800, canvas folding; Mare Island & Puget Sound. Sch. 9411; Dec. 15.

ROLLS, 2, balancing; Mare Island. Sch. 9429; Dec. 15.

IRON, foundry, pig, 150 tons; Mare Island. Sch. 9436; Dec. 18.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

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ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
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24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

SAN FRANCISCO.—Until Dec. 16, 2 P. M., bids will be received by P. C. Brown, Procurement Officer, Forest Service, Room 1022 Phelan Bldg., San Francisco, under Bid No. 950, for furnishing one structural steel truss for the Kern River Bridge.

Delivery fob bidder's shipping pt. and/or Bakersfield.

Specifications obtainable from the above office.

CONTRACT AWARDED

SACRAMENTO, Calif. — Lord and Bishop, Native Sons Bldg., Sacramento, at $173,830 awarded contract by the Sacramento City Council for construction of an approach viaduct from Third Street to the I Street bridge over the Sacramento River, to connect with the Jibboom Street viaduct being constructed under supervision of the State Division of Highways.

Complete bids published Nov. 30.

A grant of $72,500 was approved by the PWA to supplement $91,540 in city funds to finance construction.

BIDS WANTED

TILLAMOOK CO., Oregon.—Until December 17, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for construction of a 602-ft. steel viaduct bridge over Necarney Creek on the Oregon Coast Highway approximately 5 miles northwesterly from Nehalem, in Tillamook County.

The work requires approximately 1050 c.y. excavation; 950 c.y. concrete; 110,000 lbs. metal reinforcement; 780,000 lbs. structural steel, and 1260 l.f. concrete handrail.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

NEW BIDS ASKED

SANTA CRUZ CO., Calif.—Until January 7, 2:30 p.m., new bids will be received by the Santa Cruz County Board of Supervisors, H. E. Miller, Clerk, Court House, Santa Cruz, for the construction of a reinforced concrete bridge, 108 ft. long with a 24-ft. roadbed, across Zayante Creek, near Felton Railroad Station, San Lorenzo Road District.

The Board rejected the only bid received December 7—that of Gabarini & Orselli, 2737 Garber Street, Berkeley.

The work involves:

(1) 300 c.y. struct. excav., unclass.;
(2) 362 c.y. class A concrete;
(3) 22 c.y. class S concrete in railing;
(4) 62,000 lbs. reinforcing steel;
(5) 900 l.f. Redwood timber piles, delivered;
(6) 36 piles, driven;
(7) Removal of old structure.

Plans and specifications obtainable from the office of County Surveyor Lloyd Bowman at a charge of $2.00.

LOW BIDDERS

COCONINO CO., Arizona.—Phoenix Tempe Stone Co., P.O. Box 1645, Phoenix, at $84,000, submitted low bid to the Arizona State Highway Commission, Phoenix, for construction of a bridge on the Winslow-Flagstaff Highway, F.A. 81, 2nd reop. (1937), A.F.E. 6671. The work, which is located about 24 miles east of Flagstaff, consists of the construction of a new steel arch bridge over Padre Canyon and new road mix oil surfaced approaches forming a line change about 1 mile in length, and is to be completed on or before May 31, 1937.

The principal items and approximate quantities are:

14,000 c.y. roadway excav.;
1,500 c.y. slides and overbreakage;
4,700 sta. yds. overhaul;
3,400 c.y. miles haul;
4,300 tons aggregate base course;
593 c.y. class A concrete;
78,000 lbs. reinforcing steel;
425,800 lbs. structural steel;
108 l.f. 18-in. CMP;
166 l.f. 36-in. CMP;
384 l.f. road guard;
2,000 tons mineral aggregate;
100 tons cutback asphalt;
1.06 miles processing road mix;
335 tons screenings;
46 tons emulsified asphalt, class A;
1,440 tons salvaging and relaying oil cake;
250 tons salvaging and stockpiling oil cake.

Lee Moor Contracting Co., El Paso, submitted the second low bid at $84,320.00.

BIDS OPENED

SAN FRANCISCO.—Pacific Bridge Painting Co., 624 Sharon Bldg., San Francisco, at $102,131, submitted low bid to the Golden Gate Bridge & Highway District, W. W. Felt, Jr., Secretary, for painting the steel floor structure, steel approach structure, and the high viaduct of the Golden Gate Bridge.

Complete bids follow:

Pacific Bridge Painting Co., San Francisco	$102,131
D. Zelinsky & Sons, S. F.	104,343
H. D. Watson	125,600
R. P. Paoli & Co., S. F.	134,300

Bids referred to the Building Committee and to Chief Engineer Joseph B. Strauss.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS OPENED

SAN FRANCISCO.—Following bids received by P. C. Brown, Procurement Officer, Forest Service, Phelan Bldg., under Bid No. 949, for furnishing one 70-ft. plate girder structural steel span for Kern River bridge, f.o.b. bidder's shipping point and/or Bakersfield:

Judson Pacific Co.—$2,140, f.o.b. S. F. or Emeryville.

Independent Iron Works — $2,442, f.o.b. Oakland; $2,511.50, f.o.b. Bakersfield.

Moore Dry Dock Co.—$2,318, f.o.b. Oakland.

Bethlehem Steel Co.—$2,714, f.o.b. Los Angeles.

Schrader Iron Works—$2,090, f.o.b. San Francisco.

Golden Gate Iron Works—$2,150, f.o.b. San Francisco.

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

KELSO, Washington. — Until December 15, 3 p.m., bids will be received by the U. S. Engineer Office, First Portland District, 306 Custom House, Portland, under Bid No. 698-37-222, for removing sunken dredge hull located in the Cowlitz River at Kelso.

Specifications obtainable from the above office.

BIDS WANTED

SAN FRANCISCO.—Until Dec. 23, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,989, for the construction of timber dolphins at the Third Street Bridge over Islais Creek Waterway. Estimated cost, $2,600.

The work involves construction of two dolphins, removal of one dolphin, and relocation of two navigation lights.

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall, upon deposit of $10.

23— CANALS

BIDS OPENED

YUBA CO., Calif.—Morrison-Knudsen Co., P.O. Box 1518, Boise, at $148,061.85 on Schedule "B", submitted the apparent low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Sacramento, under Bid No. 1105-37-100, for raising and strengthening the existing levee, constructing new levee, and excavating flood channels along the easterly side of the Western Pacific Railroad from the Bear River to Clark Slough and along the north levee of Bear River from Carlin Bridge to South Dry Creek in Yuba County. The work involves a total of 1,357,500 c.y. of embankment.

Bids were taken as follows:

SCHEDULE "A"

Part 1

(1) 735,600 c.y. levee embankment, in place;
(2) 300 c.y. road gravel, in place;
(3) 3 c.y. Class "A" concrete, in place;
(4) 338 ft. corrugated iron pipe, 8-in. diam., No. 16 gage, with necessary 8-in. diam band couplers, in place;
(5) 160 ft. do., 12-in. diam., No. 14 gage, with necessary 12-in. do.;
(6) 226 ft. do., 18-in. diam., No. 14 gage, with necessary 18-in. dia. do.;

(7) 170 ft. do., 24-in. diam., No. 14 gage, with necessary 24-in. dia. do.;
(8) 120 ft. do., 30-in. diam., No. 14 gage, with necessary 30-in. diam. do.;
(9) 106 ft. do., 60-in. diam., No. 10 gage, with necessary 60-in. dia. do.;
(10) 13 each, corrugated iron pipe, drop inlets, 18x24-in., No. 14 gage, in place;
(11) 2 each, corrugated iron cut-off sheets, 49½x50-in., No. 12 gage, to fit 24-in. diam. corrugated iron pipe, in place;
(12) 2 each, do., to fit 30-in. diam do.;
(13) 4 each, do., 31x32-in., No. 12 gage, to fit 12-in. diam. corrugated iron pipe, all in place;
(14) 4 each, do., to fit 18-in. diam. do.;
(15) 2 each, Calco No. 100 automatic drainage gates, 12-in. diam., or equal, in place;
(16) 2 each, do., 18-in. diam., or equal, in place;
(17) One do., 30-in. diam., or equal, in place;
(18) One Calco No. 1001, automatic drainage and slide head gate, 24-in. diam., with 14-ft. gate frame, or equal, all in place;
(19) 160 lbs. reinforcing steel in place.

Part 2:

(1) 522,200 c.y. levee embankment, in place;
(2) 140 c.y. road gravel, in place;
(3) 2 c.y. Class A concrete, in place;
(4) 344 ft. corrugated iron pipe, 24 in. diam., No. 14 gage, with necessary 24-in. diam. band couplers, all in place;
(5) 22 ft. do., 60-in. diam., No. 10 gage, with necessary 60-in. dia. do.;
(6) 45-ft. Armco multiplate culvert, 120-in. diam., No. 78-17, or equal, with necessary fittings, all in place;
(7) 4 each corrugated iron cut-off sheets, 49½x50-in., to fit 24-in. diam. corrugated iron pipe, all in place;
(8) One Calco No. 100 automatic drainage gate, 24-in. diam., or equal, in place;
(9) One Calco 1001 automatic drainage and slide head gate, 24-in. diam., with 14-ft. gate frame, or equal, all in place;
(10) 72 lbs. reinforcing steel, in place.

Part 3:

(1) 99,700 c.y. excavation;
(2) 60 c.y. road gravel, in place;
(3) One c.y. Class A concrete, in place;
(4) 74 ft. corrugated iron pipe, 8-in. diam., No. 16 gage, with necessary 8-in. diam. band couplers, all in place;
(5) 34 ft. do., 24-in. diam., No. 14 gage, with necessary 24-in. dia. do.;
(6) 65-ft. Armco multiplate culvert, 120-in. diam., No. 78-17, or equal, with necessary fittings, all in place;
(7) 2 each, corrugated iron cut-off sheets, 31x32-in., to fit 8-in. dia. corrugated iron pipe, all in place;
(8) 2 each, do., 49½x50-in., to fit 24-in. diam. do;
(9) One Calco No. 101 slide head gate, 8-in. diam., with 4-ft. gate frame, or equal, in place;
(10) One Calco No. 101 slide head gate, 24-in. diam., with 8-ft. gate frame, or equal, in place;
(11) 49 lbs. reinforcing steel, in place;
(12) 3,350 ft. new fence, in place.

SCHEDULE B

Parts 1, 2, and 3 combined:

(1) 1,257,800 c.y. levee embankment, in place;
(2) 99,700 c.y. excavation;
(3) 500 c.y. road gravel, in place;
(4) 6 c.y. Class A concrete, in place;
(5) 412 ft. corrugated iron pipe 8-in. diam., No. 16 gage, with necessary 8-in. diam., band couplers, in place;
(6) 160 ft. corrugated iron pipe, 12-in. diam., No. 14 gage, with necessary 12-in. diam., band couplers, in place;
(7) 226 ft. corrugated iron pipe, 18-in. diam., No. 14 gage, with necessary 18-in. diam., band couplers, in place;
(8) 548 ft. corrugated iron pipe, 24-in. diam., No. 14 gage, with necessary 24-in. diam., band couplers, in place;
(9) 120 ft. corrugated iron pipe, 30-in. diam., No. 14 gage, with necessary 30-in. diam., band couplers, in place;
(10) 128 ft. corrugated iron pipe, 60-in. diam., No. 10 gage, with necessary 60-in. diam., band couplers, in place;
(11) 110 ft. armco multiplate culvert, 120-in. diam., No. 78-17, or equal, with necessary fittings, all in place;
(12) 13 each, corrugated iron pipe, drop inlets, 18x24-in., No. 14 gage, in place;
(13) 2 each, corrugated iron cut-off sheets, 31x32-in., No. 12 gage, to fit 8-in. diam., corrugated iron pipe, in place;
(14) 4 each, corrugated iron cut-off sheets, 31x32-in., No. 12 gage, to fit 12-in. diam., corrugated iron pipe, in place;
(15) 4 each, corrugated iron cut-off sheets, 31x32-in., No. 12 gage, to fit 18-in. diam., corrugated iron pipe, in place;
(16) 8 each, corrugated iron cut-off sheets, 49½x50-in., No. 12 gage, to fit 24-in. diam., corrugated iron pipe, in place;
(17) 2 each, corrugated iron cut-off sheets, 49½x50-in., No. 12 gage, to fit 30-in. diam. corrugated iron pipe, in place;
(18) 2 each, Calco No. 100 automatic drainage gates, 12-in. diam., or equal, in place;
(19) 2 each, Calco No. 100 automatic drainage gates, 18-in. diam., or equal, in place;
(20) One each, Calco No. 100 automatic drainage gate, 24-in. dia., or equal, in place;
(21) One each, Calco No. 100 automatic drainage gate, 30-in. dia., or equal, in place;
(22) One each, Calco No. 101 slide head gate, 8-in. diam., with 4-ft. gate frame, or equal, in place;
(23) One each, Calco No. 101 slide head gate, 24-in. diam., with 8-ft. gate frame, or equal, in place;
(24) 2 each, Calco No. 1001 automatic drainage and slide head gates, 24-in. diam., with 14-ft. gate frame, or equal, in place;
(25) 281 lbs. reinforcing steel, in place;
(26) 3,350 ft. new fence, in place.

Complete total bids follow:

(A) Morrison-Knudsen Co., Boise—A, no bid; B, $148,061.85; levee embankment, $0.0985; excavation, $0.0985.
(B) Martin Day Co., Lincoln, Nebr.—A-1, $86,935; A-2, $61,325.20; A-3, $14,222.90; combined total, A-1, 2 & 3, $162,483.10; B, $154,722.60; levee embankment, $0.105; excavation, $0.095.
(C) Macco Constr. Co., Clearwater—A, no bid; B, $161,819.30; levee embankment, $0.108; excavation, $0.105.
(D) D. McDonald, Sacramento—A-1, $90,581; A-2, $71,337.64; A-3, $12,228.33; A-2 & A-3, $83,597; B, $174,382.97; levee embankment, $0.121; excavation, $0.09.
(E) Gunther & Shirley Co., Los Angeles—A, no bid; B, $182,554.10; levee embankment, $0.125; excavation, $0.125.
(F) Haas, Doughty & Jones, San Francisco—A-1, $98,326.73; A-2, $81,839.13; A-3, $16,397.56; A-2 & A-3, $98,236.69; B, $192,146.97; levee embankment, $0.13; excavation, $0.158.
(G) Boyce & Igo Co., Baton Rouge—A, no bid; B, $203,570; levee embankment, $0.14; excavation, $0.12.
(H) A. Teichert & Son, Inc., Sacramento—A-1, $116,326.70; A-2, $81,886.40; A-3, $16,459.20; A-2 and A-3, $98,345.60; B, $204,266.05; levee embankment, $0.1415; excavation, $0.1125.
(I) Hemstreet & Bell, Marysville—A, no bid; B, $243,705.00; levee embankment, $0.165; excavation, $0.20.
(J) Guy F. Atkinson Co., San Francisco—A, no bid; B, $273,261.28; levee embankment, $0.19; excavation, $0.20.
(K) Harms Bros., Sacramento—A-1, $76,632.50; A-2 and A-3, no bid; B, no bid.
(L) J. P. Immel, Ventura—A-1, no bid; A-2, $65,135.02; A-3, $14,785.82; A-2 & A-3, $79,891.14; B, no bid.
(M) Engineer's Estimate—A-1, $116,149; A-2 and A-3, $82,974; B, $190,303. 23

PLANS BEING COMPLETED

MODESTO, Stanislaus Co., Calif.—Plans and specifications for concrete lining of 46 miles of service ditches, and for piping of ten additional mi., are being completed by Irrigation Engineer Neil M. Cecil of the Modesto Irrigation District.

Application has been filed with the PWA for a grant of 45% of the total cost of the work, which is estimated at $380,000.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO—Sam Bates Co. 1925 Dennison St., Oakland, at $2.98 per hour submitted low bid to the Procurement Office, Treasury Department, 49 Fourth St., San Francisco, under Bid No. 2930, for rental of one 10-ton road roller, 3-wheel, for use on WPA project, fob Wildcat Canyon Rd., 2.5 miles east of Spruce St. and Grizzly Peak Blvd., Berkeley.

Complete bids follow:

Sam Bates Co., Oakland, $2.98, net.

Ariss-Knapp Co., Oakland, $3, net.

W. H. Larsen, Berkeley, $3.20, delivery in one day; net.

J. Catucci, Oakland: $3.3125; net.

Contractors' Machinery Exchange, Oakland, $3.56; net.

Lee J. Immel, Berkeley: $3.60; net.

P. B. Hackley Equipment Co., San Francisco, $3.71; delivery Dec. 9; net.

Walter M. Willett, San Francisco: $4.45; delivery in 3 days; net.

Guerin Bros., San Francisco: $4.50; delivery Dec. 15; net.

Spears Wells Machinery Co., Oakland: $5; delivery in 4 days; net.

All bidders specify immediate delivery unless otherwise noted.

BIDS OPENED

SAN FRANCISCO—Pacific Pumping Co., 329 Tehama St., at $90 per month net, delivery in two days, submitted the only bid received by the Procurment Office, Treasury Dept., 49 Fourth St., under Bid No. 2928, for the rental of one 4-in. vertical sinking pump, electrically driven, for use on WPA project, f.o.b. Aquatic Park and Yacht Harbor, foot of Bancroft Way, Berkeley.

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San

Francisco, under Bid No. 2943, for the rental of one 40-h.p. diesl tractor equipped with bulldozer and power scarifier; fob Wildcat Canyon Road, 2.5 miles east of Spruce Street and Grizzly Peak Blvd., Berkeley:

T. H. Farish, San Francisco, $5 per hour; net.

R. A. Farish, San Francisco, $5 per hour; net.

George Wormersly, $5; net.

Jordan, $5.24; net.

Guerin Bros., San Francisco, $5.50; net.

Cornell Tractor, $5.95; net.

Ariss-Knapp, Oakland, $5.98; net.

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2942, for the rental of one truck, equipped with 1000-gal. water tank and road sprinkler attachment, fob Wildcat Canyon Rd., 2.5 miles east of Spruce St. and Grizzly Peak Blvd., Berkeley:

P. Sutsos, San Francisco, $2.25 per hous; net.

Hayward Bldg. Material Co., Hayward, $2.35; net.

D. C. McCabe, San Francisco, $2.50; net.

Bruno Skibo, Oakland, $2.50; net.

Ariss - Knapp Co., Oakland, $2.95; net.

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2931, for the rental of one flat bed truck, 1½-tons or over, fob Wildcat Canyon Road, 2.5 miles east of Spruce St. and Grizzly Peak Blvd., Berkeley:

Lerer Bros., San Francisco, $0.445 per hour; discount 2% 20 days.

Evans Rental, San Francisco, $0.59 net.

Alexander Bros., $0.59; net.

George E. Riede, $0.75; net.

Bruno Skibo, Oakland, $1.00; net.

Rock & Gravel Trucking Co., Oakland, $1.50; discount 1% 30 days.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2944, for the rental of one concrete mixer, fob Old Stadium, Golden Gate Park:

C. C. W. and H. H. Haun, San Francisco, $85 per month; net.

Chas. H. Nelson, San Francisco, $89 net.

Edward R. Bacon, San Francisco, $110; net.

D. D. McCabe, San Francisco, $120;

Peter J. McHugh, San Francisco, $125; net.

Harron - Rickard, McCone, S. F., $200; net.

BIDS OPENED

SACRAMENTO. — Ajax Dredging Co., 249 First St., San Francisco, submitted low bid to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-117, for furnishing and operating one dragline excavator on bank grading and miscellaneous work at various places along the Sacramento River from Colusa to Knight's Landing.

Bids were taken as follows:

(1) Rate per hour for time dragline bucket is actually at work excavating material;

(2) Rate per hour for time dragline is held idle on the work;

(3) Rate per hour for moving dragline from one job to another;

(4) Cost of delivering dragline to U. S. at Wilson's and for removal therefrom at termination of contract.

Complete bids follow:

Ajax Dredging Co., S. F.—(1) $8; (2) $8; (3) $8; (4) no bid; 70-ft. boom, 125-hp. engine.

T. M. Morgan Paving Co., Sacramento—(1) $9; (2) $6; (3) $9; (4) $300; 60-65-ft. boom, 140-hp. engine.

BIDS OPENED

SACRAMENTO. — Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-116, for the rental of air compressors:

(1) One portable air compressor for use at the Narrows Dam site, for 4 months;

(2) One portable air compressor for use at the North Fork Dam site, for 2 months.

Machinery & Drill Steel Co., S. F.—(1) $210; (2) $230.

Young & Sons Co., Ltd., Berkeley—(1) $325; (2) no bid.

Bay Equipment Co., S. F.—(1) $252; (2) $252.

Contractors' Machinery Exchange, Oakland—(1) $225; (2) $380.

W. H. Cowen, S. F.—(1) $272; (2) $303.

A. Teichert & Son, Sacramento—(1) $175; (2) $175.

P. B. Hackley Equipment Co., S. F.—(1) $165; (2) $195.

Edward R. Bacon Co., S. F.—(1) $252; (2) $275.

Sam Bates Co., Oakland—(1) $205; (2) $205.

C. A. Baker, Sacramento—(1) $249; (2) $275.

Western Machinery Co., S. F.—(1) $198; (2) $209; discount, 1 10 days, ½% 20 days.

George French, Jr., Stockton—(1) $225; (2) no bid.

E. B. Skeels, Roseville—(1) $300; (2) $300.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2946, for the rental of one air compressor, 210 cu. ft. air delivery capacity; fob O'Shaughnessy Extension, Teresita and Encline Streets, San Francisco:

Sam Bates Co., Oakland, $3.57 per hour; net.

Western Machinery Co., San Francisco, $4.37; net.

W. H. Cowen, S. F.; $4.65; net.

Machinery & Drill Steel Co., Inc., San Francisco: $4.95; net.

Bay Equipment Co., San Francisco $5.87.

Edward R. Bacon Co., San Francisco: $6.25; net.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2945, for the rental of one 30- to 40-h.p. diesel tractor, with bulldozer, scraper and scarifier; fob O'Shaughnessy Extension, Teresita and Encline Sts., San Francisco:

Guerin Bros., San Francisco: $5.50 per hour; net.

Trimball: $5.50; net.

R. A. Farrish, San Fancisco: $5.75; net.

BIDS OPENED

SAN JOSE, Santa Clara Co., Cal.—Identical bids at $7,350 were submitted by the Austin Western Road Machinery Co. and the Associated Equipment Co. to the San Jose City Council, John Lynch, City Clerk, for furnishing a new gasoline motor-driven pick-up sweeper.

26— RAILROADS

BIDS OPENED

SAN FRANCISCO, Calif.—General Railway Signal Company, Peoples Gas Bldg., Chicago (E. W. Stone, 315 Park View Terrace, Oakland, local representative), at $1,347,000, submitted low bid to State Department of Public Works, San Francisco Bay Bridge Division, C. H. Purcell, Chief Engineer, San Francisco, for constructing the railway signal and interlocking work of the San Francisco-Oakland Bay Bridge.

The work includes an interlocking plant in San Francisco and an interlocking plant located on the Key System mole in Oakland. The work also includes track circuits with their required line control and power distribution for the operation of cab signals and automatic train control. The track circuit area extends continuously from the San Francisco terminus of the bridge railway to a point on the Key System tracks approximately 2500 feet west of the Southern Pacific Company right-of-way. The track circuit area also extends eastward along the proposed bridge railway-Southern Pacific connection to a point approximately seven hundred and fifty feet west of the intersection of Twenty-sixth and Thirty-second streets in Oakland.

Bids were taken as follows:

(I)—Work complete, without all-route control;

(II)—All-route control in the San Francisco interlocking plant, lump sum add;

(III)—All-route control in the Oakland interlocking plant, lump sum add;

(1) Line transformer location allowance for increase or decrease;

(2) Double trail track circuit allowance for increase or decrease;

(3) Line control circuit allowance for increase or decrease;

(4) One-unit interlocking high signal allowance for increase or decrease;

(5) Two-unit interlocking high signal allowance for increase or decrease;

(6) One-unit interlocking dwarf signal allowance for increase or decrease;

(7) Two-unit interlocking dwarf signal allowance for increase or decrease;

(8) Single switch layout;

(9) Crossover switch layout;

(10) Pipe connected derail;

(11) Derail layout.

Complete bids follow:

(A) General Railway Signal Co., Chicago.

(B) Union Switch & Signal Co., Swissvale, Penn., and 1101 Matson Bldg., San Francisco.

	(A)	(B)
(I)	$1,347,000	$1,390,000
(II)	6,672	25,000
(III)	14,730	40,000
(1)	935	1,040
(2)	1,320	1,350
(3)	770	890
(4)	1,925	1,960
(5)	2,680	2,500
(6)	1,775	1,840
(7)	2,655	2,375
(8)	3,675	3,330
(9)	5,525	4,130
(10)	490	450
(11)	3,760	3,330

27—FIRE ALARM SYSTEM

BIDS WANTED

SAN MATEO, San Mateo Co., Calif.—Until December 21, 8 p.m., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, City Hall, for the construction of about four miles of overhead fire alarm system, 2500 ft. of underground system, and the installation of 12

fire alarm boxes to be furnished by the city.

Plans and specifications obtainable from the office of City Engineer E. P. Wilsey upon deposit of $5.00. *

28— FIRE EQUIPMENT

BONDS VOTED

RED BLUFF, Tehama Co., Calif.—A bond issue of $15,000, to finance purchase of new fire apparatus, was approved at a special election in Red Bluff recently.

29— STREETS AND HIGHWAYS

NEW BIDS ASKED

SAN FRANCISCO.—Until Dec. 23, 2:30 P. M., new bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,795, for the improvement of the southerly intersection of Barneveld Ave. and Rickard St. and improvement of Rickard St. between Barneveld Ave. and San Bruno Ave.

The work involves:

(1) 140 c.y. grading (excavation);
(2) 1 brick catchbasin, complete;
(3) 25 l.f. 10-inch VCP culvert, in place;
(4) 132 l.f. armored concrete curb;
(5) 142 sq. ft. 2-course concrete sidewalk;
(6) 4,406 sq. ft. asphalt conc. pavement, consisting of a 2-in. asphaltic concrete wearing surface on a 6-in. Class F concrete base.

All bids received Nov. 18 have been rejected. Lowest bid was submitted by E. J. Treacy, Call Bldg., at $1,703.68. *

BIDS WANTED

SACRAMENTO, Cal.—Until Jan. 8 2 P. M., bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento, for grading the landing field on the site of the Army Air Corps Supply Depot, near North Sacramento.

Bids will be taken as follows:

(1) Furnishing all equipment and supplies and performing all labor necessary to do all excavating, transporting, depositing and leveling required for 930,000 c.y. of grading;
(2) Furnishing all equipment and supplies and performing all labor necessary to compact 127,000 c.y. of excavatd material, measured in place after compacting;
(3) Furnishing all equipment and performing all labor necessary to distribute 2600 M. gals. of water for compacting of fill;
(4) Unit prices, to be used in making deductions from or additions to the contract amount for any deviations from the quantities set forth decreasing or increasing the work indicated, and including all labor, supplies and equipment incidental to the completion of each item unless otherwise noted:
  (a) Grading as specified under Item (1) per c.y.;
  (b) Compacting, as specified under Item (2) per c.y.;
  (c) Watering, as specified under Item (3) per M. gals.

Plans and specifications obtainable from the above office upon deposit of $20.00. *

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Los Angeles on December 23:

VII-L.A. - 62 - Azusa, A bet. Azusa Ave. and San Gabriel River Bridge: PLANS (No. of Sheets) 10; (Cost) $1.00; CROSS - SECTIONS (No. of Sheets) 71; (Cost) $7.10; (total) $8.10.

VII-L.A.-158-B, LA, C1C bet. Playa St. and Washington Blvd.: PLANS (No. Sheets) 20; (Cost) $2; CROSS-SECTIONS (No. Sheets) 41; (Cost) $4.10; (total) $6.10.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for the above plans, specifications and prposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS OPENED

SACRAMENTO, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $600 submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, under Bid No. 2320, for the improvement of 41st St. between R and T Streets.

J. R. Reeves, Sacramento, at $650 submitted the only other bid

SAN MATEO—STREET & SEWER IMPROVEMENT—City

SAN MATEO, San Mateo Co., Cal.—Union Paving Co., 618 Call Bldg., San Francisco, at $32,807.05, submitted low bid to the San Mateo City Council, E. W. Foster, City Clerk, for the construction of street and sewer improvements on Second, third, and Ellsworth Avenues.

The work will consist of widening of Second and Third Avenues and Ellsworth St.; also additional sewer facilities on Third and Fifth Aves. It will include grading and removal of existing curbs and gutters; construction of combined concrete curb and gutters, concrete sidewalks, asphaltic concrete wearing surface steel reinforced concrete basement entrance, complete, including moving and replacing steel doors; moving and resetting cast iron electroliers complete, including moving conduit and cable; removing and rebuilding catchbasins; moving and resetting fire hydrants; construction of 2,000 l.f. of 12-in. dia. vitrified clay pipe sanitary sewer, red burnt brick manholes, capped with cast iron frames and covers; construction of 315 l.f. 15-inch concrete pipe storm water sewers and 6-in. concrete base pavement with 2-inch asphaltic wearing surface over sewer trenches.

The work involves:

(A) Construction of combined concrete curb and gutter and concrete gutter adjacent to existing curb, including removal of existing sidewalk and gutter, preparation of subgrade, and all incidental work, per c.y. of Class "A" concrete in place (88 c.y. Class A concrete).

(B) Construction of concrete sidewalk complete, including preparation of subgrade and all incidental work, per sq. ft.; (4,085 sq. ft. sidewalk).

(C) Construction of steel reinforced concrete basement entrances in place complete, including reinforced steel and all incidental work, per c.y. of concrete; (2 c.y. rein. conc.).

D) Moving and resetting steel basement doors; (6 doors).

(E) Moving existing electroliers, including construction of new concrete bases and moving back of existing conduit and cable, including all incidental work; (25 electroliers).

(F) Furnishing and installing 1¼" conduit ells complete; (50 l.f.).

(G) Furnishing and installing 1¼" electric conduit, per l.f.; (100 l.f.)

(H) Furnishing and installing electric cable per l.f.; (300 l.f.).

(I) Constructing red burnt brick catchbasins, capped with cast iron frame and grating, including removal of existing catch basins and connection to existing storm drain; (6 catchbasins)

(J) Moving existing hydrants and resetting same, including gate valves and all incidental work; (7 hydrants).

(K) Construction of red burnt brick manholes, capped with cast iron frames and covers; (7 manholes)

(L) Construction of 12" diam. vitrified clay pipe sanitary sewer, including excavation, backfill and all incidental work, per l.f.; (2,000 l.f. 12" diam. sewer).

(M) Construction of 18" diam. concrete pipe storm drain, per l.f.; (315 l.f. of storm sewer).

(N) Replacing existing pavement over 12" sanitary sewer, per sq. ft.; (1,000 sq. ft. of pavement).

(O) Asphaltic concrete pavement, complete in place, per ton; (1,820 tons).

(P) Removal of existing asphaltic concrete surface, per sq. ft.; (15,000 sq. ft. of surface).

Total bids follow:

(I)—Union Paving Co., San Francisco—$32,807.05.
(II)—W. J. Tobin, San Francisco—$34,368.60.
(III)—Leo F. Piazza, San Jose—$38,177.45.
(IV)—E. J. Treacy, San Francisco—$39,728.90.
(V)—A. G. Raisch, San Francisco—$41,015.35.
(VI)—Eaton & Smith, San Francisco—$41,113.10.
(VII)—Peninsula Paving Co., San Francisco—$41,160.00.

Unit bids follow:

	(I)	(II)	(III)	(IV)	(V)	(VI)	(VII)
(A)	$18.50	$16.00	$16.50	$20.20	$18.00	$20.00	$20.00
(B)	.23	.16	.27	.14	.15	.16	.20
(C)	50.00	20.00	27.00	25.00	40.00	50.00	100.00
(D)	20.00	20.00	25.00	30.00	15.00	130.00	50.00
(E)	18.00	150.00	200.00	116.00	151.00	200.00	125.00
(F)	1.00	1.00	1.35	1.00	1.00	1.00	2.00
(G)	.30	1.00	.81	.30	.60	.75	1.00
(H)	.30	.45	.60	.30	.45	.60	1.00
(I)	65.00	80.00	67.50	75.00	90.00	100.00	100.00
(J)	50.00	50.00	135.00	100.00	75.00	100.00	75.00
(K)	50.00	90.00	80.00	110.00	90.00	100.00	100.00
(L)	1.50	1.76	1.50	3.20	3.80	2.00	2.00
(M)	2.50	2.00	2.00	3.00	6.00	2.70	3.00
(N)	.40	.35	.35	.40	.30	.30	.30
(O)	5.00	5.50	6.60	5.10	5.18	5.70	6.40
(P)	.02	.05	.03	.05	.06	.05	.10

A grant of $19,898 was recently approved by the PWA.
E. P. Wilsey, City Engineer. *

BIDS OPENED

NEVADA COUNTY, Cal.—Pacific States Construction Co., 708 Call Bldg., San Francisco, at $118,588 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento for about 2.5 mi. grading and surfaceabout 2.5 miles grading and surfacing with plant-mixed surfacing, medium curing type, on crusher run base, in Nevada County, between Donner Grade and the east end of Donner Lake.

The work involves:
(1) 134 sta. clearing and grubbing;
(2) 1,600 M. gals water;
(3) 30,000 c.y. roadway excav., unclassified;
(4) 1,800 c.y. struc. excav.;
(5) 700 c.y. ditch and channel excavation;
(6) 18,000 c.y. imported borrow;
(7) 325,000 sta. yds. overhaul;
(8) 134 sta. finishing roadway;
(9) 10,500 tons crusher run base;
(10) 30 tons liq. asphalt, SC-2 (prime coat);
(11) 145 tons sand (prime coat);
(12) 5,100 tons mineral aggregate (plant-mix surf.);
(13) 250 tons liq. asphalt, ROMC-4 or ROMC-5 (plant-mix surf.);
(14) 21.5 tons liq. asphalt, ROMC-3, ROMC-4, or ROMC-5 (seal coat);
(15) 190 tons stone screenings (seal coat);
(16) 135 tons liq. asphalt, SC-3 or SC-4 (road-mix surf. treatment);
(17) 22,500 sq. yds. preparing, mixing and shaping shoulders;
(18) 7 c.y. class A portland cement concrete (strucs.);
(19) 800 lbs. bar reinf. steel (strucs.);
(20) 46 c.y. rubble masonry (headwalls);
(21) 50 c.y. dry rubble (retaining walls);
(22) 70 l.f. 8-in. CMP;
(23) 1,116 l.f. 18-in. CMP;
(24) 504 l.f. 24-in. CMP;
(25) 58 l.f. 30-in. CMP;
(26) 20 l.f. 36-in. CMP;
(27) 1,274 l.f. 8-in. perf. metal pipe underdrains;
(28) 250 c.y. rock filling material;
(29) 384 l.f. exist. pipe culverts removed, cleaned and relaid;
(30) 370 l.f. exist. pipe culverts removed, cleaned and salvaged;
(31) 890 l.f. laminated guard railing;
(32) 60 each, guide posts;
(33) 74 each, culvert markers;
(34) 14 each, exist, guide posts and culvert markers removed and salvaged;
(35) 60 each, monuments.

Total bids follow:
(A) Pacific States Const. Co., San Francisco, $118,588.00.
(B) A. Teichert & Son, Inc., Sacramento, $120,634.00.

Unit bids follow:

	(A)	(B)
(1)	$35.00	$30.00
(2)	1.50	2.00
(3)	.85	1.00
(4)	1.50	2.10
(5)	1.00	1.25
(6)	.70	.85
(7)	.01	.005
(8)	7.00	5.00
(9)	2.40	2.30
(10)	21.00	30.00
(11)	3.00	3.50
(12)	3.30	2.60
(13)	24.00	22.00
(14)	28.00	35.00
(15)	4.00	5.00
(16)	24.00	22.00
(17)	.10	.06
(18)	35.00	35.00
(19)	.10	.10
(20)	15.00	20.00
(21)	8.00	10.00
(22)	1.25	1.25
(23)	2.00	2.00
(24)	3.00	2.75
(25)	4.00	3.50
(26)	6.00	5.25
(27)	1.00	1.25
(28)	3.00	4.50
(29)	1.00	1.00
(30)	.60	.85
(31)	1.25	1.15
(32)	2.50	3.00
(33)	2.50	3.00
(34)	.50	1.00
(35)	3.00	3.50

CONTRACT AWARDED

LUALUALEI, T. H.—Moses Akiona, 1143 Gulick Ave., Honolulu, at $23,474, awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8156, for the construction of roads and irrigation systems at the Naval Radio Station, Lualualei.

BIDS WANTED

COCHISE CO., Arizona.—Until December 22, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Benson-Douglas Highway (Bisbee Streets), F.A. 11-B (1937); A.F.E. 8003. The work, which is located within the city limits of Bisbee, consists of resurfacing and widening about 1/3 of a mile of existing pavement with cut-back asphaltic plant mix, and is to be completed on or before April 30, 1937.

The work involves:
425 c.y. roadway excav.;
315 c.y. structural excav.;
126 c.y. class A concrete;
12,500 lbs. reinf. steel;
One lump sum bulkhead handrail;
3,800 sq. ft. concrete sidewalk;
925 ft. single curb;
755 ft. single curb;
755 l.f. special road guard;
1,000 lin. ft. treated timber header boards;
1,570 sq. yds. grading for oil cake;
1,400 tons plant mix;
90 tons plant mix seal coat;
64 tons cut-back asphalt.

Plans and specifications may be obtained at the office of the State Highway Department, 17th Ave. and Jackson St., Phoenix. Certified or cashier's check for 5% of the proposal must accompany each bid. T. S. O'Connell, State Highway Engineer.

CONTRACT AWARDED

HUMBOLDT COUNTY, Calif.—N. M. Ball Sons, 852 Carmel, Albany, at $152,342 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 5.2 miles of grading and surfacing with gravel base and screened gravel and an existing concrete bridge to be widened in Humboldt County, between Beatrice overhead and Eureka.

LOW BIDDERS

COCONINO COUNTY, Arizona—G. Clay Gates, Thermopolis, Wyo., at $18,122.40 submitted low bid to the Bureau of Public Roads, 247 New Post Office Bldg., Phoenix, for placing metal plate guard rail on Sections A, B, C, D, and E, of the Cameron-Desert View Approach Rd.

SANTA BARBARA COUNTY—0.3 MI. GRADING—(STATE)

SANTA BARBARA COUNTY, Cal.—C. O. Sparks and Mundo Engr. Co., 2309 E Olympic Blvd., Los Angeles, at $12,137.70 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.3 mile of grading within the grounds of the proposed State Teachers' College in the City of Santa Barbara.

The work involves:
(1) 41,000 c.y. rdwy. excav., unclass.;
(2) 15.5 sta. finishing rdwy.;
(3) 860 c.y. struc. excav.;
(4) 56 l.f. 8-in. CMP;
(5) 198 l.f. 18-in. CMP;
(6) 120 l.f. 30-in. CMP;
(7) 390 l.f. 36-in. CMP;
(8) 1 each spillway assembly;
(9) 4 each guide posts;
(10) 12 c.y. Class A Portland cement concrete (struc.);
(11) 1,400 lbs. bar reinf. steel;
(12) 2 each drop inlet frames and covers.

Note: The State will furnish CMP band couplers, drop inlet frames and covers and embankment protectors, etc., as more explicitly set forth in the special provisions .

Total bids follow:
(A) C. O. Sparks and Mundo Engr. Co., Los Angele, $12,137.70.
(B) C. G. Willis & Son and Charles Willis, Los Angeles, $13,939.70.
(C) Dimmitt & Taylor, Los Angeles, $14,020.20.
(D) Western Motor Transfer, Inc., Santa Barbara, $14,736.68.
(E) O'Neal & Smith, North Long Beach, $15,627.20.
(F) A. S. Vinnell Co., Los Angeles, $16,175.40.
(G) Parish Bros., Los Angeles, $16,-971.00.
(H) Guerin Bros. San Francisco, $17-520.80.
(I) C. R. Butterfield, San Pedro, $17-777.40.
(J) Granfield-Farrar & Carlin, San Francisco, $19,754.70.
(K) Robert D. Paterson, Santa Barbara, $19,805.90.
(L) L. A. Brisco, Aroyo Grande, $21-257.80.
(M) R. E. Campbell, Los Angeles, $21,467.60.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1)	$ .23	$ .275	$ .27	$ .32	$ .32	$ .335	$ .34	$ .37	$ .37	$ .42	$ .44	$ .43	$ .44
(2)	7.00	10.00	20.00	8.00	10.00	25.00	20.00	10.00	20.00	15.00	7.00	15.00	40.00
(3)	1.50	1.00	1.50	1.00	1.00	.75	1.50	1.20	1.00	1.50	.80	1.50	1.50
(4)	.60	.40	.50	.10	.75	.25	1.00	.50	.40	.35	.40	.80	.50
(5)	.70	.60	.90	.16	.90	.55	1.00	.60	.75	.45	.50	1.25	.70
(6)	1.20	1.50	1.00	.22	1.25	.70	1.00	1.00	1.00	.70	.65	1.50	1.25
(7)	1.30	1.75	1.20	.40	1.50	1.00	1.50	1.50	1.25	.75	.80	2.00	1.50
(8)	10.00	6.00	10.00	15.00	15.00	15.00	10.00	10.00	8.00	15.00	2.00	15.00	10.00
(9)	4.00	3.00	3.00	3.00	3.00	4.00	2.00	2.50	4.00	2.50	2.00	2.00	3.00
(10)	25.00	40.00	32.00	22.00	30.00	50.00	30.00	30.00	40.00	30.00	30.00	55.00	40.00
(11)	.10	.10	.10	.08	.10	.10	.06	.06	.10	.08	.06	.10	.07
(12)	10.00	4.00	5.00	5.00	5.00	20.00	5.00	10.00	7.50	15.00	2.00	15.00	8.00

to Grand Canyon National Park, Coconino County, requiring approximately 16,610 ft. of metal plate guard rail.

The low bids follow:

G. C. Gates, Thermopolis	$18,122.40
Pearson & Dickerson Contractors, Inc., Prescott	18,877.50
Lee Moor Cont. Co., El Paso	19,968.20
Engineer's estimate	16,780.00

Complete bids will be published shortly.

AWARD RECOMMENDED

LOS ANGELES CO., Cal.—Award of a contract to George K. Thompson, 2404 W 7th St., Los Angeles, at $120,875.40, for grading 1,363 miles of Section C of Route 61, the Angeles Crest National Forest Highway, Angeles National Forest, Los Angeles County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

AWARD RECOMMENDED

YAVAPAI & COCONINO COS., Arizona.—Award of a contract to Lee Moor Contracting Co., 807 Bassett Tower, El Paso, Texas, at $47,381.80, for 1.872 miles of grading on Section K of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai and Coconino Counties, Arizona, has been recommended by District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads.

BIDS WANTED

STATE OF OREGON.—Until December 17, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction, as follows:

Coos County—Empire-Marshfield Section of Empire-Marshfield Secondary Highway; 2.86 mi. of resurfacing and oil mat surface treatment. Requires approximately 4,100 c.y. of crushed rock or crushed gravel and 30,200 sq. yds. oil mat surface treatment.

Harney County—Burns Rock Production Project on Central Oregon and John Day-Burns Highways. Furnishing 5,600 c.y. crushed gravel in stockpile.

Lake County—Chalk Cliff-Paisley Section of Fremont Highway; 9.84 mi. of grading, gravel surfacing and road mix oil surfacing. Requires approximately 79,000 c.y. excavation, 30,000 c.y. pit-run gravel surfacing materials, and 104,000 sq. yds. road-mix surfacing.

Lake and Harney Counties—Valley Falls-Cinder Butte Rock Production Project on Lakeview-Burns and Fremont Highways. Furnish 39,000 c.y. crushed rock and crushed gravel in stockpile.

Wheeler County — Fossil-Kinzua Junction Section of John Day Highway; 4.10 mi. of grading, surfacing and oil mat surface treatment, and furnishing 1,500 c.y. crushed rock in stockpile. Requires approximately 100,000 c.y. excavation, 18,000 c.y. talus topping materials, 5,700 c.y. crushed rock, and 48,000 sq. yds. oil mat surface treatment.

Yamhill County—Rex Hill-Newberg Section of West Side Pacific Highway; 1.92 miles of grading, 1.41 mi. of Portland cement concrete pavement, and 0.51 mile of asphaltic concrete pavement. Requires approximately 32,000 c.y. excavation, 13,400 c.y. crushed rock in base, shoulders and surfacing, 21,000 sq. yds. oil mat surface treatment, 18,300 sq. yds. Portland cement concrete pavement, and 7,000 sq. yds. asphaltic concrete pavement.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

BIDS OPENED

SAN JOSE, Santa Clara Co., Calif. —Union Paving Co., 618 Call Bldg., San Francisco, at $51,800.59, submitted low bid to the San Jose City Council, John J. Lynch, City Clerk, for the paving and resurfacing of Fourth Street, between Rosa and Reed Streets.

The work involves:

(1) 4,895 c.y. excavation;
(2) 5,934 sq. ft. removal of existing asphaltic surface;
(3) 281 sq. ft. removal of existing cement concrete pavement;
(4) 2 storm water inlets;
(5) 20 l.f. 8-in. vitrified clay storm drain;
(6) 284 l.f. concrete curb;
(7) 42 sq. ft. concrete gutter;
(8) 213 sq. ft. concrete sidewalks;
(9) 4,000 tons asphaltic concrete base course;
(10) 7,359 tons asphaltic concrete surface, Type "A";
(11) 291 tons asphaltic concrete surface, Type "B";
(12) 37,602 sq. ft. crusher run base;
(13) 43,975 sq. yds. paint coat;
(14) 50 tons type "C" surface, conform;
(15) 35 tons type "C" surface, driveway ramps;
(16) 250 tons asphaltic concrete leveling course.
(12a) 37,602 sq. ft. bituminous treated crushed run base (plant-mix surfacing).

Total bids follow:

(A) Union Paving Co., San Francisco		$51,800.59
	alt.	51,800.59
(B) A. J. Raisch, San Jose		59,822.64
	alt.	59,822.64
(C) Leo F. Piazza, San Jose		64,583.24
	alt.	63,455.18
(D) Mills Construction Co., San Francisco		64,023.47
	alt.	64,775.51

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .22	$0.90	$1.15	$1.00
(2)	.02	.03	.03	.04
(3)	10.00	.30	.14	.10
(4)	40.00	50.00	75.00	50.00
(5)	1.00	.75	1.40	1.00
(6)	.70	.60	.72	.60
(7)	.30	.30	.36	.25
(8)	.28	.18	.21	.15
(9)	3.15	4.00	4.15	4.15
(10)	4.25	4.30	4.35	4.55
(11)	4.25	5.00	4.35	4.55
(12)	.08	.07½	.15	.08
(13)	.01	.01½	.03	.02
(14)	5.00	8.50	4.35	5.00
(15)	10.00	9.00	4.35	6.00
(16)	4.25	6.00	4.35	5.50
(12a)	.08	.07½	.12	.10

30—RESERVOIRS & DAMS

CONTRACT AWARDED

COLORADO RIVER PROJ., Tex. —Brown & Root, Inc., 709 Colorado, Austin; and McKenzie Const. Co. San Antonio, jointly, at $5,781,235 awarded contract by the Bureau of Reclamation, H. P. Bunger, Construction Engineer, Austin, under Spec. No. 702, for the construction of the Marshall Ford Dam, Colorado River Project.

The dam will be located at Marshall Ford, about 18 miles above Austin, and will be a concrete structure of the straight-gravity type, 190 feet high, with a crest of about 2,325 feet, and will create a reservoir of about 600,000 acre-feet capacity. An embankment 30 ft. high and 1,100 ft. long will be constructed at the left abutment. The outlet works to be installed for operation in the low dam will consist of 24 tunnels 8 ft. 6 in. in diameter and controlled by paradox gates 102 inches in diameter. The spillway, 730 feet long, will be in the central section of the dam.

Ultimately the height of the dam will be raised to 265 feet, and the reservoir storage increased to about 3,000,000 acre-feet.

31—PIPE LINES & WELLS

BIDS OPENED

SAN MATEO CO., Calif.—Williams Bros. & Haas, Inc., 1104 Merchants Exchange Bldg., San Francisco, at $643,939 on Proposition I, submitted low bid to the Public Utilities Commission, City Hall, for constructing the Crystal Springs Pipe Line No. 2, from Crystal Springs Dam to Burlingame, under Spec. No. W.D. 112.

No bids were received under Proposition II, calling for approximately 22,860 l.f. of 57-in. inside diameter steel cylinder reinforced concrete pipe, together with approximately 1,760 l.f. of 60-in. x ⅜-in. welded steel pipe.

Under Proposition I, a pipe line approximately 4¾ mi. long is to be constructed from the existing outlet tower at the Crystal Springs Dam to a point on the El Camino Real near Burlingame, all in San Mateo County, involving approximately 24,620 l.f. of 60-in. inside diameter welded steel pipe of ⅜-in. plate thickness.

There is also included approximately 660 ft. of 78-in.x½-in. welded steel pipe to be installed in the existing outlet tunnel at Crystal Springs Dam; welded steel pipe of other sizes for connections at each end of the line; completion of the existing outlet tower; all excavation, backfill, paving; and all other structures or appurtenances.

The proposed pipe line will be in streets or roads for approximately 2 miles and the remainder of the line will be in either private right of way or private property.

The greater portions of the line will be laid in trench. Certain short lengths, totaling about 700 feet, will be supported above the ground on piers, where physical conditions make this necessary.

The work involves:

PROPOSITION 1

(1) 24,620 l.f. furnishing and laying 60-in.x⅜-in. welded steel pipe;
(2) 345 l.f. furnishing and laying 48-in.x⅜-in. do.;
(3) 660 l.f. furnishing and laying 78-in.x½-in. do. in tunnel;
(4) 62,000 lbs. furnishing and installing steel pipe specials not included in other items.
(5) 530 each, furnishing and installing beveled courses for curved sections in 60-in.x⅜-in. welded steel pipe;
(6) 18 each, do. in 48-in.x⅜-in. welded steel pipe;
(7) 100 l.f. furnishing and erecting 60-in.x⅜-in. welded steel standpipe;
(8) 828,000 sq. ft. applying bituminous enamel protective coating and lining to steel pipe;
(9) 397,000 sq. ft. felt wrapping on steel pipe;
(10) 7 each, furnishing and installing 60-in. flexible couplings;
(10a) 2 each, furnishing and installing 36-in. flexible couplings;
(10b) 2 each, furnishing and installing 8-in. flexible couplings;
(11a) 26 each, furnishing and installing manholes on steel pipe;
(11b) Does not apply to Proposal 1;
(12) 4,500 lbs. furnishing and installing saddle nozzles;
(13) 17,000 lbs. furnishing and installing steel companion flanges;
(14) 4,600 lbs. furnishing and installing miscellaneous steel work attached to pipe;
(15) 49,000 lbs. furnishing and installing miscellaneous steel work not attached to pipe;
(16) 3 each, furnishing and installing 6-in. gate valves for 150-lb. pressure;

(17) 19 each, furnishing and installing 6-in. gate valves with bevel gears, for 150-lb. pressure;
(18) 18 each, furnishing and installing 8-in. gate valves for 150-lb. pressure;
(19) 6 each, furnishing and installing 8-in. gate valves with bevel gears, for 150-lb. pressure;
(20) 2 each, furnishing and installing 12-in. gate valves;
(20a) 2 each, furnishing and installing 30-in. gate valves;
(20b) 2 each, furnishing and installing 36-in. gate valves;
(21) 19 each, furnishing and installing 6-in. vacuum valves;
(22) 5 each, furnishing and installing 8-in. vacuum valves;
(23) 24 each, furnishing and installing air release valves;
(24) 33,000 lbs. furnishing and installing steel castings in tower, other than flanges;
(25) 2 each, furnishing and installing 8-in. water meters;
(26) 22,000 lbs. furnishing and installing cast-iron pipe, gate valve covers, flanges, and fittings;
(27) 4,000 lbs. furnishing and installing corrugated metal pipe culverts;
(28) 2,700 lbs. furnishing and installing steel castings not covered by other items;
(29) 6,000 lbs. furnishing and installing bolts, nuts, and washers;
(30) 1,500 lbs. install fittings furnished by the City to be riveted or welded to pipe;
(31) 160,000 lbs. install large gate valves and Venturi meter furnished by the City;
(32) 7,000 lbs. install miscellaneous metal work furnished by the City;
(33) 24,000 c.y. Class 1 earth excavation for pipe trenches up to 12-ft. depth;
(34) 70 c.y. Class 1 earth excavation for pipe trenches below 12-ft. depth;
(35) 37,000 c.y. Class 2 earth excavation for pipe trenches;
(36) 900 c.y. earth excavation for footings and structures;
(37) 400 c.y. additional rock excavation;
(38) 8,400 c.y. bench excavation, unclassified;
(39) 250 c.y. constructing earth embankments;
(40) 4,000 c.y. sand backfill for excavations;
(41) 60 each, remove, repair and/or replace sewer laterals;
(42) 300 l.f. furnishing and installing 6-in. sewer pipe;
(43) 260 c.y. Class A concrete;
(44) 190 c.y. Class B concrete;
(45) 30 bbls. extra cement;
(46) 65,000 lbs. reinforcing steel;
(47) 17 MFBM furnishing and installing Redwood timber;
(48) 4 MFBM furnishing and installing Douglas fir timber;
(49) 15,300 lbs. furnishing and installing structural steel;
(50) 3,500 lbs. furnishing and installing ladders, supports for floor gratings and gate at entrance to bridge;
(51) 650 sq. ft. furnishing and installing steel floor gratings;
(52) 2,000 sq. yds. painting miscellaneous structures;
(53) 650 l.f. furnishing and installing 6-in. drain tile;
(54) 65,000 sq. ft. repavement;
(55) Lump sum, constructing Venturi meter building.

Total bids follow:

(A) Williams Bros. & Haas, Inc., 1104 Merchants Exchange Bldg., S. F. $643,939.00
(B) Emsco Derrick & Equipment Co., Los Angeles 655,480.52
(C) R. G. Clifford, S. F. 655,990.42
(D) Union Paving Co., S. F. 708,865.00

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 13.84	$ 11.71	$ 12.08	$ 13.50
(2)	14.83	12.48	11.51	20.00
(3)	26.03	26.03	21.00	30.00
(4)	.15	.1075	.134	.20
(5)	35.00	49.30	30.00	80.00
(6)	35.00	30.00	35.07	100.00
(7)	15.00	33.24	13.47	30.00
(8)	.08	.0675	.04	.05
(9)	.04	.03125	.02	.04
(10)	80.00	91.41	151.03	100.00
(10a)	40.00	48.92	89.03	50.00
(10b)	9.00	9.20	19.75	30.00
(11a)	160.00	165.00	155.73	180.00
(11b)	.....	.....	.....	.....
(12)	.35	.37	.378	.60
(13)	.20	.235	.256	.40
(14)	.25	.225	.25	.15
(15)	.14	.165	.156	.08
(16)	40.00	39.40	21.80	50.00
(17)	90.00	76.45	84.40	100.00
(18)	67.00	56.10	62.01	80.00
(19)	110.00	93.15	104.69	200.00
(20)	190.00	135.84	141.88	180.00
(20a)	1400.00	1275.00	1646.42	2500.00
(20b)	1800.00	1650.00	1646.42	3000.00
(21)	200.00	147.00	164.49	200.00
(22)	290.00	215.00	270.71	130.00
(23)	45.00	41.00	41.91	50.00
(24)	.25	.33	.20	.25
(25)	750.00	725.00	785.10	1000.00
(26)	.15	.17	.217	.20
(27)	.15	.14	.156	.20
(28)	.25	.27	.306	.30
(29)	.20	.22	.306	.25
(30)	.12	.10	.139	.08
(31)	.05	.07	.042	.06
(32)	.06	.10	.128	.10
(33)	1.50	2.00	3.50	1.50
(34)	2.00	3.00	5.00	5.00
(35)	.70	1.44	1.20	1.30
(36)	1.20	2.00	2.50	5.00
(37)	3.00	5.00	3.50	10.00
(38)	.60	.75	1.20	.90
(39)	1.00	.50	1.00	1.50
(40)	1.00	2.70	1.50	1.50
(41)	20.00	20.00	20.00	20.00
(42)	.75	1.72	.70	1.00
(43)	20.00	30.00	35.00	25.00
(44)	20.00	25.00	28.00	25.00
(45)	2.50	4.00	3.00	4.00
(46)	.06	.06	.07	.06
(47)	100.00	100.00	110.00	120.00
(48)	70.00	70.00	90.00	100.00
(49)	.05	.10	.172	.15
(50)	.12	.32	.22	.25
(51)	1.20	4.00	2.01	1.50
(52)	.30	.30	.30	.65
(53)	.20	1.62	.70	.30
(54)	.25	.35	.26	.25
(55)	1500.00	3500.00	2200.00	3000.00

N. A. Eckart, general manager and chief engineer.

32— SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

LOS GATOS, Santa Clara Co., Cal. —A. Cantardo, Los Gatos, at $1,070, submitted low bid and awarded contract by the Los Gatos Town Council, Donna M. Winning, Town Clerk, for the construction of a reinforced concrete sludge tank to be built in connection with the sewage disposal plant of the City of Los Gatos.

Complete bids follow:

A. Cantardo, Los Gatos.....$1,070.00
A. Tonelli, Los Gatos..... 1,138.94
Gabarini & Orselli, Berkeley.. 1,817.00

Raymond W. Fisher, Porter Bldg., San Jose, Engineer.

33— WATER WORKS

PERMITS ISSUED

SACRAMENTO. — Permits to appropriate water issued by the Division of Water Resources, Department of Public Works, during November, 1936:

4833, Application 8440 (Siskiyou Co.)—Issued to William E. Gump, San Francisco, Calif., Nov. 6, 1936, for 5 c.f.s. from Rush Creek, for mining and domestic purposes.

4834, Application 7781 (Sierra Co.)—Issued to Lewis F. Johnson and A. J. Sells, San Francisco, Calif., Nov. 7, 1936, for 7 c.f.s. from Deacon Long Ravine, for mining purposes. Estimated cost, $1,000.00.

4840, Application 8714 (Tehama Co.) —Issued to U. S. Lassen Volcanic National Park, Mineral, Calif., Nov. 23, 1936, for 8 c.f.s. from Battle Creek, for power purposes. Estimated cost, $8,000.00.

4842, Application 8750 (Stanislaus Co.)—Issued to Oakdale Irrigation District, Oakdale, Calif., Nov. 23, 1936, for 4.5 c.f.s. from Stanislaus River, for domestic purposes and irrigation of 1700 acres. Estimated cost, $1700.

4845, Application 8722 (Sutter Co.) —Issued to A. C. Middleton, San Francisco, Calif., Nov. 23, 1936, for 1,471.47 c.f.s. from Borrow Pit of East Levee of Sutter By-Pass, for irrigation of 117.5 acres. Estimated cost, $2,000.00.

APPLICATIONS FILED

SACRAMENTO. — Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during November, 1936:

8825 (Santa Barbara Co.)—Horace O. Ensign, Newport Beach, Calif., for 0.06 c.f.s. from Springs Tributary to Schoolhouse Canyon, to be diverted for irrigation, stock and domestic purposes on 3½ acres.

8826 (Siskiyou Co.)—J. L. Corbett, Hilt, Calif., for 50,000 g.p.d. from Bumblebee Creek Tributary to Beaver Creek, thence Klamath River, to be diverted for mining, milling and domestic purposes. Estimated cost, $2000.

8828 (San Mateo Co.)—County of San Mateo, care County Engineer, Redwood City, Calif., for 0.5 c.f.s. from Pescadero Creek Tributary to Pacific Ocean to be diverted for recreational and fire protection. Estimated cost, $5000.

8830 (Sutter Co.)—Sutter Basin Improvement Co., Robbins, Calif., for 13.48 c.f.s. from a drainage ditch tributary to Sutter By-Pass to be diverted for irrigation purposes on 539.3 acres. Estimated cost, $2000.

8831 (Trinity Co.)—C. C. Brown, Redding, Calif., for 15 c.f.s. from Deadwood Creek tributary to Trinity River to be diverted for mining purposes. Estimated cost, $1000.

8833 (San Diego Co.)—California Water & Telephone Co., San Francisco, Calif., for 6.9 c.f.s. and 5000 ac. ft. from Tia Juana River tributary to Pacific Ocean to be diverted for irrigation and domestic purposes on 4400 acres. Estimated cost, $350,000.

8834 (Lake Co.)—Indian Valley Mutual Water Company, 315 Montgomery St., San Francisco, Calif., for 185,700 ac. ft. from North Fork Cache Creek tributary to Cache Creek, thence Sacramento River, to be diverted for irrigation and domestic purposes on 60,000 acres.

8835 (Trinity Co.)—U. S. Trinity National Forest, Weaverville, Calif., for 0.055 c.f.s. from Manzanita Creek tributary to Trinity River to be diverted for domestic purposes. Estimated cost, $1914.

8838 (Amador Co.)—Sierra Mountain Water Company, 2216 22nd St., Sacramento, California, for 300,000 ac. ft. per annum from Cosumnes River tributary to Mokelumne River to be diverted for power purposes. 13360 total horsepower to be developed.

8839 (Amador Co.)—Sierra Mountain Water Co., 2216 22nd St., Sacramento, Calif., for 300,000 ac. ft. per annum from Cosumnes River tributary to Mokelumne River to be diverted for municipal purposes

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until December 21, 11 A. M., bids will be received by the Santa Clara Coun-

ty Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose for the construction of a water supply system at the County Almshouse at Milpitas, involving about 1,500 ft. of 6-inch cast iron pipe.

Specifications obtainable from the office of County Surveyor Robt. D. Chandler. *

BIDS WANTED

SAN FRANCISCO.—Until January 4, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1709, for furnishing and installing chlorine and ammonia equipment for the Tesla Chlorinating Plant, H. H. W. S., in San Joaquin County.

Plans and specifications obtainable from the above office.

BIDS WANTED

SAN FRANCISCO.—Until December 26, 3 p.m., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, under S.F.W.D. Spec. No. 129, for laying of a 6-in. cast-iron main in 30th Ave., from Moraga Street southerly.

The work involves:

(1) 440 l.f. excav. and backfill for 6-in. pipe, trench 17 in. wide by 36 in. deep;
(2) 10 c.y. additional excavation and backfill;
(3) 90 sq. ft. additional pavement removal and replacement;
(4) 440 l.f. installing cast-iron bell and spigot pipe;
(5) 1,000 lbs. installing fittings, gate valves, etc.
(6) 53 l.f. making joints;
(7) 800 sq. ft. repavement

Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of $5.00. N. A. Eckart, Chief Engineer

BIDS WANTED

SAN FRANCISCO.—Until December 26, 3 p.m., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, under S.F.W.D. Spec. No. 130, for laying 4-in. cast-iron mains in Normandie Terrace between Broadway and Vallejo Streets.

The work involves:

(1) 320 l.f. excav. and backfill for 4-in. pipe, trench 17 in. wide by 36 in. deep;
(2) 10 c.y. additional excavation and backfill;
(3) 20 sq. ft. additional pavement removal and replacement;
(4) 320 l.f. installing 4-in. bell and spigot cast-iron pipe;
(5) 1,100 lbs. installing fittings, gate valves, etc.
(6) 30 l.f. making joints;
(7) 110 sq. ft. repavement;
(8) 12 ¾-in. screw taps installed;
(9) 250 ft. ¾-in. copper pipe installed.

Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of $5.00. N. A. Eckart, Chief Engineer

BIDS WANTED

LOS ANGELES.—Until December 23, 2 p.m., bids will be received by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for the installation of the San Pedro-Terminal Island Water Supply Line, P.W.A. Docket 1929-R, Unit No. 89-A, Spec. X-76.

The items are:

(a) 418 tons at a price per ton for the delivery of approx. 4400 ft. of 20-in. and 400 ft. of 12-in. cast-iron pipe, cast-iron pipe fittings, gate valves, from the department's San Pedro Pipe Yard, located at 950 West First St., San Pedro, to trench side;
(b1) 4400 ft. excavation of trench for 20-in. main, price per ft.;
(b2) 400 ft. excavation of trench for 12-in. main, price per ft.;
(c1) 4210 ft. placing 20-in. pipe in trench, fitting up and fauling joints, installing gate valves, etc., per ft.;
(c2) 380 ft. placing 12-in. pipe in trench, etc., price per ft.;
(d1) 190 ft. installing 20-in. cast-iron pipe within 30-in. steel pipe, under R. R. and R. R. tracks, per ft.;
(d2) 20 ft. installing 12-in. pipe in 20-in. pipe under R.R., etc., price per ft.;
(e) 1465 ft. removing and transporting existing 10-in. and 8-in. cast iron pipe from trench to department's San Pedro Pipe Yard, located at 950 West First St., San Pedro, per ft.;
(f) 4800 ft. backfilling and disposing of surplus excavated material on graded streets and easements, per lin. ft.

Specifications may be obtained from the Purchasing Agent at the above address upon deposit of $10 per set. Certified check or bidder's bond for 10% must accompany each proposal.

34— PARKS AND PLAYGROUNDS

BIDS WANTED

ANAHEIM, Orange Co., Calif.—Until December 30, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Anaheim.

Drawings and specifications may be obtained from the above office and from the Custodian of the Building.

BIDS REJECTED

RENO, Nevada.—Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids for seeding and planting the grounds of the U. S. Post Office at Reno.

Plans will be revised and new bids asked shortly.

BIDS OPENED

SEBASTOPOL, Sonoma Co., Calif.—Santa Rosa Nursery, 205 Santa Rosa Ave., at $278, submitted low bid to Treasury Department, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Sebastopol.

Complete bids follow:

Santa Rosa Nursery, Santa Rosa..$278
Calif. Nursery Co., Niles..... 524
Walter A. Hoff Landscape Organization, Palo Alto..... 677

35— TUNNELS

BIDS WANTED

ALAMEDA-CONTRA COSTA Cos., Cal.—Until December 18, 11 A. M., bids will be received by the Board of Directors of Joint Highway District Number 13, in the Supervisors' Chambers, Hall of Records, Fifth & Broadway, Oakland, for the completion of ventilation, mechanical, and electrical equipment in the Broadway Low Level Tunnel, Schedule E.

Plans and specifications obtainable from the office of Chief Engineer Wallace B. Boggs, 1448 Webster St., Oakland, upon deposit of $50.00, of which $40 will be returnable.

BIDS OPENED

ALAMEDA-CONTRA COSTA Cos., Cal.—R. G. Clifford, 215 Market St., San Francisco, at $5.95 per barrel, total $29,750 submitted low bid to the Board of Directors of Joint Highway District No. 13, for completion of grouting in tunnels around concrete lining already installed in the Broadway Low Level Tunnel, Schedule "B", involving 5,000 barrels of cement.

Case Const. Co., Alhambra, at $18.35 per bbl., total, $91,750, submitted the only other bid.

Bids referred to the PWA.

Wallace B. Boggs, chief engineer.

PLANNED

LOS ANGELES. — Lloyd Aldrich, City Engineer, is completing preliminary designs for a tunnel to connect Hill St. with Castelar St., east of Sunset Blvd. The proposed tunnel will be about 1200 ft. in length, 20 ft. in height, with a 44-ft. roadway, and 6-ft. walk on each side. The west portal will be located east of the intersection of Hill and Temple Sts., and the east portal will be east of Sunset Blvd., requiring the construction of the tunnel under Sunset Blvd., thus providing a quick route for traffic from the downtown district to connect with North Figueroa St., Figueroa St. Bridge, and routes to the north and northwest. A report will be presented to the City Council within the near future. The ler, Engineer of Design; R. W. Stewwork is being done by Merrill Butart, Chief Bridge Engineer, and H. H. Winter, Assistant.

BIDS OPENED

ALAMEDA-CONTRA COSTA Cos., Calif.—Fred J. Early, Jr., 369 Pine St., San Francisco, at $498,862.50, submitted low bid to the Board of Directors of Joint Highway District No. 13, under Schedule "C," for the completion of air ducts, paving, etc., of the Broadway Low Level Tunnel.

Bids were taken as follows:

(1) For completion tunnel construction remaining to be completed after concrete arch ring tunnel lining is constructed and grouting is completed, including portions of electrical equipment;
(2) 459,000 lbs. reinforcing steel.

Complete bids follow:

Fred J. Early, Jr., San Francisco—(1) $467,880; (2) $0.0675 per lb.; total, $30,982.50; grand total, $498,862.50.

George Pollock, Sacramento, and R. G. Clifford, San Francisco—(1) $566,093; (2) $0.06 per lb.; total. $27,540; grand total, $593,633.

Wallace B. Boggs, Chief Engineer.

BIDS OPENED

SAN FRANCISCO.—Robert Garcia Well Drilling & Pump Co., 2045 University Ave., Palo Alto ,at $6,515 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,990 for making final test borings on the Parker Avenue slide, between Turk and Anza Streets.

The work involves:

(1) 2,500 l.f. test borings (1 ft. to 75 ft. deep, 6-in. dia.);
(2) 300 l.f. test borings (75 ft. to 150 ft. deep, 6-in. dia.);
(3) 700 l.f. 2-in. pipe casings (permanent).

Complete bids follow:

Robert Garcia Well Drilling and Pump Co., Palo Alto: (1) $2.25; (2) $2.50; (3) $0.20; total, $6,515.

Wm. Allingham Co., San Francisco (1) $4.50; (2) $5; (3) $0.18; total, $12,876. *

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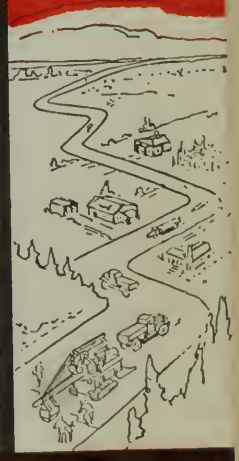

ecember 19, 1936

Vol. XIX—No. 52

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Vol. XIX SAN FRANCISCO, CALIF., DECEMBER 19, 1936 No. 50

Building Permits Continue Uptrend Despite Strike; S. F. May Set December Record

San Francisco building permit figures for the first ten days of December indicate that the total for the month will be above the average for 1936 and higher than any month in 1935 with the exception of August.

"The expected slump in building during the last three months due to strike conditions has not come about," S. J. Rosenblum, head clerk of the Central Permit Bureau, stated, in releasing the 10-day totals.

"With the exception of the first week of December building has continued at a fast pace throughout the supposed slow period. Figures also indicate that there has been no seasonal let-down."

Permits for frame dwellings during the first ten days of the month costing $241,000 in the aggregate together with the $800,000 permit for the Furniture Exchange building at Tenth and Market Streets have brought the total to more than a million dollars. Should only $150,000 worth of construction be started during the balance of December, the month's total still will exceed every month of 1935 with the exception of August in which permits for work costing $1,940,917 were issued.

The month's total, to date, is within $600,000 of the August, 1936, figure and in excess of the September total. That such a showing is being made in the third month of the widespread strike situation indicates a healthy condition in the construction field, builders state.

The fear that residential building was dropping off due to the lack of permits issued during the early part of December was allayed last week when permits were issued for more than forty dwellings costing between $3,000 and $10,000.

The total of $241,000 worth of permits issued for frame dwellings during December compares favorably with the totals for the full months of September, October and November for the same type of construction. The figures for those months are: September $510-250; October, $613,200, and November, $552,830.

Indications are that this will be the largest December since 1930 in frame construction. In that year the total was $490,740, slightly more than double the present 10-day figure. Should the present trend continue the month may exceed that figure and establish a six-year record.

The building permit total for all types of construction, already over the million dollar mark, is within $100,000 of the December, 1935, figure and undoubtedly will surpass it. It more than doubles the December, 1934, figure of $421,973.

Hopes are expressed in some quarters that December will be the record month of the year based on the possibility that permits may be issued for the Golden Gate Bridge Toll Plaza and the World's Fair Exhibit Palaces.

REA to Provide $490,000 Loan for Washington Project

Rural Electrification Administration has allotted $490,000 to two cooperatives in Washington for construction of a Diesel generating plant and 413 miles of rural distributing lines.

One allotment of $290,000 is made to the Spokane County Rural Electric Co-operative of Plaza, Washington, for constructing a 900-kw. generating plant, Diesel-driven, and 205 miles of lines. The other is to the Whitman Rural Electric Cooperative for constructing 208 miles of lines. Power will be purchased from the Spokane County Cooperative.

BIDS JAN. 5 ON SANTA CRUZ COURTHOUSE

Three Jobs In County On Market To Involve $400,000 Expenditure

Bids for constructing a court house and jail building in Santa Cruz will be received by the county board of supervisors January 5, Architect Albert F. Roller announced yesterday. The contract is one of three for new public buildings in Santa Cruz County to be let shortly aggregating $400,000.

The county building will be financed with PWA aid, the cost being estimated at about $190,000. It will be a three-story concrete structure to house county offices and courts and will contain a 30-cell jail.

Plans will be issued to contractors shortly also for the $50,000 first unit of a new city hall in Santa Cruz. Drawings have been completed by Architect C. J. Ryland.

Bids are being taken December 28 by the Watsonville school directors for construction of a $150,000 elementary school building, also a PWA-financed project. The new school is dsigned by Architect A. W. Story.

FRESNO EXCHANGE ENLARGES QUARTERS

Additional space to accommodate expanding activities of the Fresno Builders' Exchange has been obtained by leasing premises adjoining the headquarters at 1837 Merced Street. More than 125 firms and individuals are members of the Fresno Exchange, according to Harry Cayford, secretary-manager. With the annexation of more floor space the exchange will be able to provide headquarters for the Federal Housing Administration, Fresno district inspector of the State Contractors' License Bureau and other agencies connected with the industry.

SACRAMENTO PLANS $190,000 STREET WORK

City To Start Immediately On Initial Units Of Improvements

City Manager James S. Dean of Sacramento announces a street improvement program contemplating an ultimate expenditure of $190,000, of which $50,000 will be contracted in the near future.

The projects include the widening of Fifth Avenue from Sacramento to Stockton Boulevards, a three-lane pavement on Folsom Boulevard from Fifty-third Street to the city limits, the straightening of an S turn on H Street at Forty-third Street, and the arrangement of streets adjacent to the Southern Pacific Station to facilitate the flow of traffic onto the I Street Bridge.

Dean said plans and specifications for the paving of Folsom Boulevard have been drawn and approved by the state department of public works. The job involves paving for approximately fifteen blocks at an estimated cost of $20,000. Curbs and gutters will not be laid, as this cost would be borne by the adjoining property owners in case of further development.

The Fifth Avenue project, estimated to cost $150,000 upon its completion, will be started with the widening and paving of the avenue from Thirty-eighth to Thirty-ninth Streets at a cost of $15,000.

Kern Contractors Propose Agreement On Wage Scale

Kern County contractors through a committee of the Bakersfield Builders' Exchange, have approved a wage scale and closed shop agreement to be presented to the Kern County Building Trades Council proposing its enactment by both parties for a period of one year. The contractors' committee is headed by W. T. Drury.

Following is the proposed hourly scale of wage rates:

Brick layers	$1.50
Carpenters	1.12½
Concrete Labor	.75
Common Labor	.62½
Lathers	1.25
Plasterers	1.50
Plumbers	1.25
Steam Fitters	1.25
Tile Setters	1.12½
Brick Layers Helpers	.87½
Cement Finisher	1.12½
Concrete Mixerman	1.00
Electrical Worker	1.25
Painters	1.12½
Plasterers Hod Carriers	1.10
Roofers	1.10
Sheet Metal	1.25

Construction Recovery Boosts Factory Payrolls; Many Allied Industries Benefit

ings average $26.15, a gain of 10 per cent over 1935.

Blast furnaces, rolling mills and steel works were employing 3,432 men last month, a gain of 18 per cent from 1935. The weekly payroll was $104,303, an increase of 28 per cent. Individual earnings were up 8 per cent to $30.39 a week.

Logging, saw and planing mills showed the largest total employment for any reporting group with 9,444 on the payroll, to whom was distributed $240,670 a week, an increase of 14 per cent over last year. Individual earnings in this group averaged $25.48 a week, a gain of 11 per cent.

Brick, tile and terra - cotta producers employed 3,145 men in November, a gain of 26 per cent since November, 1935. The weekly payroll of $69,315 was up 42 per cent from last year. Average earnings had increased 13 per cent to $22.04 a week.

Figures in the table below are taken from the state labor bureau report to show gains in employment and earnings for factory workers in those groups identified with construction:

Average weekly payrolls in California manufacturing plants supplying materials and equipment to the construction industry are from 14 per cent to 71 per cent greater than they were a year ago in the same establishments, according to the November survey of the State Bureau of Labor Statistics. Smaller gains are shown in the comparative number of employes and the average earnings of employes.

The factories dependent upon new construction for the larger volume of their business show by their reports generally a much greater gain in payrolls than the average for all state industries. Average increase in number of employes for all establishments is 7.6 per cent, total weekly payrolls, 17.5 per cent, average weekly earnings, 9.2 per cent.

The largest gain in employment in the construction industry group is shown by structural and ornamental metal shops. Reporting units were employing 1,972 men in November this year, a gain of nearly 55 per cent and the weekly payroll was $51,576, a gain of 71 per cent. Individual weekly earn-

EMPLOYMENT INCREASES, NOV., 1935 TO NOV., 1936

	Employes	Weekly Payrolls	Weekly Earnings
All Industries	+ 7.6%	+17.5%	+ 9.2%
Blast Furnaces, Steel Works	+18.6%	+28.4%	+ 8.3%
Heating, Plumbing, Refrigeration	+15.6%	+17.9%	+ 2.0%
Foundry, Forge Products	+26.9%	+41.6%	+11.6%
Machinery, Machine Tools	+24.1%	+36.8%	+10.3%
Electrical Machinery and Supplies	+ 7.9%	+29.9%	+20.4%
Brass, Bronze and Copper Products	+23.5%	+34.8%	+ 9.2%
Structural and Ornamental Metal	+54.9%	+71.7%	+10.8%
Logging, Saw and Planing Mills	+ 2.3%	+14.4%	+11.8%
Brick, Tile, Terra Cotta	+26.1%	+42.6%	+13.1%
Cement, Linme, Plaster, Quarry Products	+21.5%	+28.3%	+ 5.6%

Guy Atkinson Bids $1,181,544 To Construct Exhibit Palace Group For 1939 Exposition

Guy F. Atkinson, San Francisco, submitted the low bid of $1,181,544 to the San Francisco Public Utilities Commission yesterday, for the construction of the twelve exhibit palaces for the 1939 World's Fair.

Atkinson's bid on Propositions H and H-1 which called for the construction of twelve palaces and certain utility buildings estimated to cost about $4,000. His bid on Proposition H - 1 which provided for strap and pin construction rather than the regular rod and block type, was $1,199,032. Bids also were placed by Clinton Construction and MacDonald & Kahn Company, Ltd., for the entire job.

The bids were called under eight propositions making it possible to award contracts to several companies. Barrett and Hilp was the only company to bid on the smaller propositions.

The work to be done consists of constructing twelve one-story wood frame buildings and several small utility structures. The palaces are to be built on pile foundations and have wood floor and roof construction; roof to be supported on timber trusses and to be covered with felt and asphalt.

The buildings will not be finished under the present contract. They will have wood flooring, wood sheathing and roofing installed, but no finish work or decorations will be installed either inside or out. Contracts for the decorating of the palaces will be let at a later date.

With only the contract for the ferry terminal to be let, the PWA building program for the 1939 exposition is now virtually complete. Bids for the present contract have been referred to the Public Utilities Commission and the PWA.

DEALER SALES REGULATED BY U. S. WAGE ACT

Many Industries Recognize the Terms of Walsh-Healy Law In Bidding

Secretary of Labor Perkins has issued a new regulation governing the administration of the Walsh-Healey Act which provides that when dealers fulfill contracts for government purchases subject to the act by direct shipment from the manufacturer rather than from their own stocks, they are acting as the manufacturers' agents, and that the regulations will apply to the dealer and also to the manufacturer.

The text of the order is: "Whenever a dealer, to whom a contract within the act and regulations has been awarded, causes a manufacturer to deliver directly to the government the material, supplies, articles or equipment required under the contract, such dealer will be deemed the agent of the manufacturer in executing the contract. As the principal of such agent, the manufacturer will be deemed to have agreed to the stipulations contained in the contract."

Industry appears, in general, to be willing to conform to the requirements of the act. As of November 28, 234 separate contracts falling within the Walsh - Healey limitations had been awarded for a great variety of products.

Included in the list of successful bidders and, therefore, of conformers with the act are many large concerns: General Electric, Westinghouse, Endicott Johnson, Standard Oil of Indiana, Sinclair Refining, Colgate - Palmolive - Peet, du-Pont, Atlas Powder, Allis-Chalmers, American Bridge and the Aluminum Company of America, were among them.

At present, two industries, the auto builders and the machine tool builders, appear to be unwilling to come under the restrictions of the act.

When recently the Resettlement Administration tried to buy 28 trucks, the truck builders split their bids so as to bring the offers below the $10,000 deadline; on re-advertisement, they declined to bid except on one item, also under $10-000. The contract was finally divided among the various bidders so that no one became subject to the restriction. Subsequent truck purchases have been made through local dealers. Secretary Perkins' new ruling will doubtless affect this practice.

The Navy is reported to be worried about the refusal of machine tool builders to bid. With private orders already booked up well into the future, this industry feels little need of government contracts.

Power Case Retrial Delays PWA-Financed Construction Projects

Action of the Supreme Court Monday in returning for retrial a case involving constitutionality of PWA loans and grants for municipal power plants will delay indefinitely the construction of many contemplated projects, it is expected. No work in Northern California is affected, however, since the Lodi hydro - electric development was abandoned by the municipality several weeks ago. A temporary restraining order obtained by the Pacific Gas & Electric Company in this instance was dissolved by agreement between the city and the utility.

In Nevada the Winnemucca project has been delayed by a similar order obtained by the Western States Utilities Company. The city was awaiting the Supreme Court decision in order to proceed with a water and power system for which PWA has allotted two grants approximating $90,000.

Fifty-one projects are held up by court action which it had been hoped to settle through a decision on the issue tried in the Duke Power Company case, remanded to the trial court by the Supreme Court's ruling. PWA loans and grants involved approximate $50,089,891.

The power company appealed from a ruling upholding the government's authority to make loans and grants financing public utilities that compete with existing private systems. The Supreme Court, however, without passing on the issue raised, found that the case had been improperly tried and ordered it re-submitted to the lower courts.

FIVE ARCHITECTS GIVEN CERTIFICATES

Provisional certificates were approved for five northern California architects at a recent meeting of the State Board of Architectural Examiners, Northern District.

Those approved were: E. Boyter, 1720 Leavenworth St.; Ralph N. Pollock, 536 Broderick St.; William Diest, 1019 Leavenworth St.; Ernest R. Duckering, 564 Bayview Ave., Pacific Grove, and Arthur B. Gallion, 1800 San Antonio Ave., Berkeley.

E. T. THURSTON NAMED TO CITY POSITION

Eugene T. Thurston, Oakland structural engineer, has been appointed superintendent of city buildings by Oakland City Council.

Mr. Thurston is a graduate of the University of California and former president of the San Francisco Section of the American Society of Civil Engineers. His salary will be $230 a month.

TUNNEL BOARD CLAIMS $341,000 FROM SIX CO'S.

Cross-Complaint Filed In Action To Settle Broadway Bore Losses

Joint Highway District No. 13 yesterday filed suit in U. S. District Court in San Francisco against Six Companies of California, Inc., asking judgment for $341,557, the aftermath of the contractor's decision to abandon work on the Broadway low-level tunnel in Oakland last May. The contractor has a suit pending against the district asking $3,259,696 claimed to be due in progress payments for work completed and for losses incurred on the job.

In denying responsibility for the contractor's loss the district holds that Six Companies proceeded with work and accepted more than $1,-000,000 in progress payments after the district had refused an extension of time and did not claim a breach of contract until heavy penalties for delay had been assessed.

The cross-complaint in which the district asks $341,557 breaks that figure down into three components, largest of which is $216,500 in penalties at $500 a day which the Six Companies allegedly incurred.

Contracts newly entered into for completion of the tunnel, which was 71 per cent complete when Six Companied halted work, total $552-568, which the district claims the company owes it. But the district concedes that it owes the company $490,452 in unpaid progress payments, so that figure was deducted from the $552,568, leaving $62,-116 as that part of the total sued for which represents cost of completing the work.

The third part of the money sought, $62,941, represents the cost of watchmen and insurance since the Six Companies quit work, cost of completing specifications before new bids were asked, and the cost of advertising for the new bids.

IMPROVEMENT BONDS SOUGHT FOR TRACT

Marysville City Council contemplates recommending a $50,000 bond issue for financing improvements in a proposed subdivision near the city's junior college in order to establish a needed addition to the residential area. Local businessmen already have pledged $20,000 to underwrite the project, but are seeking municipal assistance to finance an estimaetd $70,-000 improvement program.

Chas. A. Worden, civil engineer, has estimated street paving, sidewalks, sewers, etc., would cost $41-201, without provision for a water system. A committee reporting to the council advised that additional dwellings were needed urgently to accommodate the city's growing population.

425,000 HOMES '37 FORECAST BY STATISTICIAN

60% Increase Over Current Year Program Indicated In Survey

That 425,000 new homes may be built in the United States during 1937, an increase of perhaps 60 to 65 per cent over 1936, is the prediction of William C. Bober, head of the Johns-Manville statistical research department.

Mr. Bober, a keen analyst of the building situation, says:

"We can probably take for granted that 1937 will be a year of continuing recovery, the home shortage is a fact, mortgage money exists in a super-abundance for safe prospects at a rate of interest that is lower than in our great building boom days of the past, rents are rising and so are incomes, as to building costs — — they will work higher."

The survey is significant in that the statistician has not set himself up as an all-seeing oracle and has frankly labelled his guesses. He points out that because of a woeful lock of statistics in many parts of the building field, no estimate can be entirely accurate and warns that these figures are preliminary and should be taken as such. It is also important to note that he has taken into consideration every conceivable angle in arriving at the final determination.

In dealing with one totally unpredictable circumstance which may have a bearing on the volume of construction he says: "In case fear of inflation should become a much more pronounced factor than at present, this figure of 425,000 houses may become much higher as cash seeks refuge in real estate."

Before predicting the number of homes to be built during the coming year, Mr. Bober made a careful analysis of homes constructed during 1936, which in view of our highly inadequate building figures, may be roughly estimated at 260,-

Geo. Maurer Low On $75,000 Job At Mare Island

Low bid for erecting a dispensary building at the Mare Island Navy Yard was submitted to the public works officer there yesterday by George J. Maurer Co., Piedmont, at $75,180.

Seven bids were received as follows:

Geo. J. Maurer Co., Piedmont	$75,180
Villadsen Bros., Oakland	76,800
B. A. Howkins, San Francisco	79,221
A. Nelson, Inc., San Francisco	80,637
Robt. McCarthy, San Francisco	87,738
F. C. Amoroso & Sons, S. F.	87,997
L. Dioguardi, Sebastopol	88,800
E. T. Lesure, Oakland	93,239

A. V. Saph, Jr., Heads Structural Engineers Of Northern California

A. V. Saph, Jr., was elected president of the Structural Engineers Association of Northern California at the annual meetting. He will succeed John B. Leonard, former Superintendent of the Department of Building Inspection, who is retiring from the board of directors.

J. J. Gould was elected vice-president of the Association, the position formerly held by Wm. Adrian. Harold M. Engle was elected to the board of directors to replace William H. Popert, retiring director and chairman of the publicity committee.

The other members of the board are Jesse Rosenwald and William Adrian, who has another term to serve as a director.

At the final business meeting of the association held at the Engineer's Club, December 8, Hyman Rosenthal reported that the membership had risen during the year from 88 members to 112. Included in this figure are eight junior members. They were initiated into the association following the passage of a resolution to allow young men who have completed their college requirements but have not obtained their state certificates to belong as junior members.

A resolution was approved providing means of raising funds to send a delegation to Sacramento during the coming session of the legislature to investigate bills of interest to the structural engineers.

Modify Design of Alamogordo Dam To Increase Storage

Secretary of the Interior Harold L. Ickes has approved a change in the plan of the Alamogordo Dam of the Carlsbad Federal Reclamation project, to increase its height by seven feet to 142 feet.

This dam, now under construction on the Pecos River near Fort Sumner, New Mexico, will supplement the old McMillan Reservoir, which is leaky and inadequate, in the irrigation water supply system of the project.

The increased height of Alamogordo Dam, an earth and rockfill structure, will provide a reservoir capacity of 157,000 acre-feet, an increase of 43,000 acre-feet over the original plan.

The Hallett Construction Co. of Crosby, Minn., is constructing the dam under a contract with the Bureau of Reclamation. The orginal contract called for payment to the contractor of $1,132,547 for completion of the dam. Under the change order the net increase in the amount under the contract will be $175,188.10.

SUPERVISORS VOTE $50,000 TRANSIT FUND

Utilities Commission Authorized To Plan For Bridge Terminal Connection

By a unanimous vote the San Francisco Board of Supervisors yesterday approved an appropriation of $50,000 from the Municipal Railway operative fund to finance preparation of plans and specifications for a rapid transit system and studies of certain Market St. Railway feeder lines.

The ordinance was sponsored by Utilities Manager Edward G. Cahill who told the board that the appropriation was necessary at this time to allow his department to work with the toll bridge authority in designing a bridge railway terminal which would accommodate a subway connection.

Included in the appropriation is $7500 to finance an investigation of Market Street Railway lines adjacent to the proposed subway with the aim of discovering their worth to the city.

In approving the appropriation several members of the board stated that their vote did not indicate approval of any portion of the rapid transit problem which has been before the board for several months except the actual appropriation for the study. The subject of rapid transit will come before the supervisors at a later date at which time the various proposed systems will be investigated.

Speaking in favor of the appropriation, Edward G. Cahill stated that its passage placed the city in better position to receive federal aid for the subway project. An application for a grant of $6,775,000 from the PWA is now on file in Washington awaiting further action following the defeat of the grant several months ago.

BERKELEY RENTS UP, REALTORS ANNOUNCE

Shortage of desirable properties has resulted in an increase in rents of Berkeley dwellings on an average of 20 per cent, according to a survey by the Berkeley Realty Board. Another increase of 10 per cent in the near future is predicted.

A. Ormsby Donogh, former board president, reported "there is practically not a rentable empty house in the city."

BAKERSFIELD DIRECTORS RAISE INITIATION FEE

Bakersfield Builders' Exchange directors have approved an increase in the membership application fee to $50, according to D. J. Turner, secretary. The present fee is $25. The increase will be effective January 15.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2523	Liebman	Owner	4500
2524	Liebman	Owner	3500
2525	Liebman	Owner	3500
2526	Liebman	Owner	4500
2527	Liebman	Owner	4500
2528	Liebman	Owner	3500
2529	Liebman	Owner	3500
2530	Liebman	Owner	4500
2531	Liebman	Owner	3500
2532	Sommer	Moore	11000
2533	Arnott	Owner	4000
2534	Arnott	Owner	4000
2535	Arnott	Owner	3000
2536	Arnott	Owner	3500
2537	Stoneson	Owner	4000
2538	Arnott	Owner	3000
2539	Arnott	Owner	3000
2540	Stoneson	Owner	5000
2541	Meyer	Owner	4000
2542	Meyer	Owner	4600
2543	Meyer	Owner	4000
2544	Meyer	Owner	3800
2545	Meyer	Owner	3800
2546	Day	Owner	7000
2547	Pacific	Wilhelm	2600
2548	Anza	Rousseau	4500
2549	Sbarboro	Owner	9000
2552	Bay	Owner	5000
2553	Bay	Owner	3000
2554	Bay	Owner	5000
2555	Yow	Owner	19000
2556	Blum	Bay	4000
2557	Linsey	Bay	5000
2558	Jacobs	Owner	2500
2559	Heally	Bay	5000
2560	Cazenave	Rene	2750
2561	Adams	Prout	5000
2563	Standard	Owner	3500
2564	Standard	Owner	3500
2565	Standard	Owner	3500
2566	Standard	Owner	3500
2567	Standard	Owner	3500
2568	Carraro	Owner	3450
2569	Carraro	Owner	3450
2570	Cammaro	Owne	3450
2571	Carraro	Owner	3450
2572	Carraro	Owner	3450
2573	Drake	Gettins	4000
2574	Nelson	Owner	4000
2575	Christensen	Owner	4000
2576	Reimer	Sharman	8000
2577	Costello	Owner	4000
2578	Lee	Yick	1000
2579	Wolter	Owner	6000
2580	Larritai	Owner	1000
2581	Doelger	Owner	5000
2582	Elvin	Elvin	2000
2583	Pedersen	Johnson	11000
2584	S F	Owner	1500
2585	Darling	Strate	6000
2586	Jossi	Ravaglish	3500
2587	Gellert	Standard	6500
2588	Smith	Owner	1000
2589	Carlisle	——	4000
2590	Driscoll	Owner	3000
2591	Doelger	Owner	4000
2592	Haight	Q R S	1000
2593	Gellert	Standard	6500
2594	Los	Moore	1500
2595	Mitchell	Phoenix	1000
2596	Ritz	Pasqualetti	1760
2597	Cresta	Baker	5000

DWELLING
(2523) E ROSSI 73 N Anza. Two-story and basement frame dwelling.
Owner and Builder — Ben Liebman, 3319 Fillmore Street.
Plans by Irvin W. Goldstine, 1200 Oak Street. $4500

DWELLING
(2524) 7 ROSSI 199 N Anza. Two-story and basement frame dwelling.
Owner and Builder — Ben Liebman, 3319 Fillmore Street.
Plans by Irvin W. Goldstine, 1200 Oak Street. $3500

DWELLING
(2525) E ROSSI 285 N Anza. Two-story and basement frame dwelling.
Owner and Builder — Ben Liebman, 3319 Fillmore Street.
Plans by Irvin W. Goldstine, 1200 Oak Street. $3500

DWELLING
(2526) E ROSSI 122 N Anza. Two-story and basement frame dwelling.
Owner and Builder — Ben Liebman, 3319 Fillmore Street.
Plans by Irvin W. Goldstine, 1200 Oak Street. $4500

DWELLING
(2527) E ROSSI 96 N Anza. Two-story and basement frame dwelling.
Owner and Builder — Ben Liebman, 3319 Fillmore Street.
Plans by Irvin W. Goldstine, 1200 Oak Street. $4500

DWELLING
(2528) E ROSSI 148 N Anza. Two-story and basement frame dwelling.
Owner and Builder — Ben Liebman, 3319 Fillmore Street.
Plans by Irvin W. Goldstine, 1200 Oak Street. $4500

DWELLING
(2529) E ROSSI 235 N Anza. Two-story and basement frame dwelling.
Owner and Builder — Ben Liebman, 3319 Fillmore Street.
Plans by Irvin W. Goldstine, 1200 Oak Street. $3500

DWELLING
(2530) E ROSSI 173 N Anza. Two-story and basement frame dwelling.
Owner and Builder — Ben Liebman, 3319 Fillmore Street.
Plans by Irvin W. Goldstine, 1200 Oak Street. $4500

DWELLING
(2531) E ROSSI 260 N Anza. Two-story and basement frame dwelling.
Owner and Builder — Ben Liebman, 3319 Fillmore Street.
Plans by Irvin W. Goldstine, 1200 Oak Street. $3500

DWELLING
(2532) 2519 BROADWAY. Three-story frame dwelling.
Owner—Herbert Sommer, care Architect.
Contractor—Moore & Madsen, 557 Market St.
Architect—Gardner Dailey, 210 Post St. $11,000

DWELLING
(2533) E. CECILIA, 277 S RIVERA. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $4000

DWELLING
(2534) SE RIVERA AND CECILIA. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $4000

DWELLING
(2535) E. CECILIA, 90 S RIVERA. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $3000

DWELLING
(2536) E. CECILIA, 214 S RIVERA. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $3500

DWELLING
(2537) NE SHAWNEE AND CAYUGA. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $4000

DWELLING
(2538) E. CECILIA, 28 S RIVERA. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $3000

DWELLING
(2539) E. CECILIA, 245 S RIVERA. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 633 Taraval.
Architect—Not Given. $3000

DWELLING
(2540) E. LAGUNITAS, 103 S OF SLOAT BLVD. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $5000

DWELLING
(2541) NE FOWLER, 101 JUANITA WAY. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. $4000

DWELLING
(2542) NW TERESITA BLVD., 101 SW JUANITA WAY. Two-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. $4,600

DWELLING
(2543) NW TERESITA, 233 SW OF JUANITA WAY. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. $4000

DWELLING
(2544) N. TERESITA BLVD., 263 SW JUANITA WAY. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr

DWELLING
(2545) NW TERESITA, 288 SW OF JUANITA WAY. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. $3800

DWELLING
(2546) S. MARINA BLVD., 123 E BAKER. Two-story and basement frame dwelling.
Owner—Florence and Carl Day, 1845 Franklin.
Contractor—Not selected.
Architect—Albert Farr, 68 Post St. $7000

ALTERATIONS
(2547) E. HARRISON, 46 N 19TH ST. Alter platform.
Owner—Pacific Foundry Co., 19th & Treat Sts.
Contractor—A. H. Wilhelm, 666 Mission St.
Architect—Not Given. $2600

DWELLING
(2548) N. BEACH, 175 E AVELA. One-story and basement frame dwelling.
Owner—Anza Home Bldg. Co., 321 Kearny St.
Contractor—Oliver M. Rousseau, 321 Kearny.
Architect—Albert H. Larsen, 333 Kearny St. $4500

DWELLING
(2549) E. DIVISADERO, 61 S VALLEJO. Two-story and basement frame dwelling.
Owner—Sbarboro & Jorgensen, 2225 North Point.
Architect—John Ahnden, 822 39th Ave. $9000

DWELLING
(2550) E. 16TH AVE., 73 S Ortega. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given. $5000

DWELLING
(2551) W 30th AVE. 175 N Rivera. One - story frame dwelling and basement.
Owner and Builder—Bay Cities Bldg. Co., 160 Russ Street.
Architect — C. O. Clausen, 746 46th Avenue. $4,000

DWELLING
(2552) E STANYAN 310 N Turk St. One - story frame dwelling and basement.
Owner and Builder—Bay Cities Bldg. Co., 160 Russ Street.
Architect — C. O. Clausen, 746 46th Avenue. $5,000

DWELLING
(2553) W 30th AVE. 200 N Rivera. One - story frame dwelling and basement.
Owner and Builder—Bay Cities Bldg. Co., 160 Russ Street.
Architect — C. O. Clausen, 746 46th Avenue. $3,000

DWELLING
(2554) E STANYAN 337 N Turk. One - story frame dwelling and basement.
Owner and Builder—Bay Cities Bldg. Co., 160 Russ Street.
Architect — C. O. Clausen, 746 46th Avenue. $5,000

ALTERATIONS
(2555) 824-32 GRANT AVE. Alter store and apartments.
Owner—Wong Yow, 135 8th Street, Oakland.
Architect—N. W. Sexton, 1602 de-Young Bldg. $19,000

DWELLING
(2556) W 30th AVE. 150 N Rivera. One - story frame dwelling and basement.
Owner—J. J. Blum, care contractor. tor.
Contractor—Bay Cities Building Co., 160 Russ Street.
Architect — C. O. Clausen, 746 46th Avenue. $4,000

DWELLING
(2557) E STANYAN 257 N Turk. One - story and basement frame dwelling.
Owner — M. A. Linsey, Gough and Hayes Streets.
Contractor—Bay Cities Building Co., 160 Russ Street.
Architect — C. O. Clausen, 746 46th Avenue. $5,000

ALTERATIONS
(2558) 2284 MISSION Street. Alter flats.
Owner—Albert Jacobs Est. Co., 101 Washington Street.
Architect—Not Given. $2500

DWELLING
(2559) E STANYAN 284 N Turk St. One - story and basement frame dwelling.
Owner—Matilda Heally, % contractor.
Contractor—Bay Cities Building Co., 160 Russ Street.
Architect — C. O. Clausen, 746 46th Avenue. $5,000

FLATS
(2560) N CALIFORNIA 113 West Laurel. Two-story frame flats.
Owner—John Cazenave, 3434 California Street.
Contractor — Gaston Rene, 582 27th Avenue. $2,750

DWELLING
(2561) NW COR. CLARENDON & Stanyan. Two - story and basement frame dwelling.
Owner—Wm. F. Adams, % contractor.
Contractor—J. Prout, 2530 Fillmore.
Architect — Maybeck, Howard and White, Russ Bldg. $5,000

DWELLING
(2563) S KIRKHAM 83 W 29th Ave. One - story and basement frame dwelling.
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(2564) W 23d AVE. 275 S Kirkham. One - story and basement frame dwelling.
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(2565) S KIRKHAM 58 W 29th Ave. One - story and basement frame dwelling.
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(2566) W 34rd AVE. 250 S Kirkham. One - story and basement frame dwelling.
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(2567) E 29th AVE. 100 N Judah St. One - story and basement frame dwelling.
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. $3500

DWELLING
(2568) S UNDERWOOD 475 E Lane. One - story and basement frame dwelling.
Owner and Builder—G. Carraro, 750 Felton.
Architect—Not Given. $3,450

DWELLING
(2569) E UNDERWOOD 400 E Lane. One - story and basement frame dwelling.
Owner and Builder—G. Carraro, 750 Felton.
Architect—Not Given. $3,450

(2570) S UNDERWOOD 500 E Lane. One - story and basement frame dwelling.
Owner and Builder—G. Carraro, 750 Felton.
Architect—Not Given. $3,450

DWELLING
(2571) S UNDERWOOD 425 E Lane. One - story and basement frame dwelling.
Owner and Builder—G. Carraro, 750 Felton.
Architect—Not Given. $3,450

DWELLING
(2572) S UNDERWOOD 450 E Lane. One - story and basement frame dwelling.
Owner and Builder—G. Carraro, 750 Felton.
Architect—Not Given. $3,450

SERVICE STATION
(2573) NE OCEAN and Alemany. Steel service station.
Owner—John Drake, premises.
Contractor—H. T. Gettins Co., 268 13th Street.
Architect—Not Given. $4,000

DWELLING
(2574) W 25th AVE. 112 S Ocean. One - story and basement frame dwelling.
Owner & Builder—Fernando Nelson, & Sons, 2901 19th Ave.
Architect—Not Given. $4,000

DWELLING
(2575) W 27th AVE. 225 S Lawton. One - story and basement frame dwelling.
Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect — C. O. Clausen, 746 46th Avenue. $4,000

FLATS
(2576) W BRODERICK 125 North Greenwich Sts. Two-story frame flats.
Owner—F. Reimer, % contractor.
Contractor—Thos. L. Sharman, 3700 Broderick St.
Architect—Not Given. $8,000

DWELLING
(2577) S CABRILLO 30 W 28th Ave. One - story and basement frame dwelling.
Owner and Builder—Michael Costello, 821 34th Ave.
Architect—Not Given. $4,000

ALTERATIONS
(2578) 900 GRANT AVENUE. Alter store.
Owner—Suey Lee, Prem.
Contractor—Frank Yick, 670 Washington.
Architect—Not Given. $1000

DWELLING
(2579) W. MAYWOOD, 462 S YERBA BUENA. One - story and basement dwelling.
Owner—Paul A. Wolter, Jr., 190 Maywood Drive.
Architect—Not Given. $6000

ALTERATIONS
(2580) 69 SHIPLEY. Alter flats.
Owner—J. Larrital, 3669 20th St.
Architect—Not Given. $1000

DWELLING
(2581) SW 16th AVE and ORTEGA AVE. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah.
Architect—Not Given. $5000

ALTERATIONS
(2582) 168-74 RUSS ST. Alter dwelling.
Owner—Ethel B. Elvin, 1244 30th Ave.
Contractor—Arthur Elvin, 1244 30th Ave.
Architect—Not Given. $2000

FLATS
(2583) NE CASA WAY, 142 NW RETIRO WAY. Two-story frame flats.
Owner—L. Pedersen, 1750 Bay St.
Contractor—P. P. Johnson, 1750 Bay.
Architect—Not Given. $11,000

ALTERATIONS
(2584) NW MISSION & BEALE. Alter lofts.

Owner—San Francisco Invest. Corp., Clunie Bldg.
Architect—Geo. E. Ralph, 110 Sutter. $1500

DWELLING
(2585) E. WOODLAND, 650 S PARNASSUS. Two-story and basement frame dwelling.
Owner—Dr. H. Darling, 909 Hyde.
Contractor—Adolf Strate, 190 Moneta Way.
Architect—Richard Neutra, 251 Kearny St. $6,000

DWELLING
(2586) W. HARRISON, 400 S PRECITA. One-story and basement frame dwelling.
Owner—J. Jossi, 3278 Harrison.
Contractor—C. Ravaglish, 100 Hamilton.
Architect—Not Given. $3500

FLATS
(2587) E. GUERRERO, 292 S 15TH ST. Two-story frame flats.
Owner—Carl Gellert, 1500 Judah.
Contractor—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. $6500

DWELLING
(2588) W. NEVADA, 75 S TOMKINS. One-story and basement frame dwelling.
Owner—Paul Smith, 418 Nevada.
Architect—Not Given. $1000

ALTERATIONS
(2589) 135 POST ST. Alter stores.
Owner—A. Carlisle & Co., Inc., 135 Post St.
Contractor—Segregated Contracts.
Engineer — W. H. Ellison, Pacific Bldg. $4000

ALTERATIONS
(2590) 423-25 29TH ST. Alter flats.
Owner—Michael Driscoll, 115 28th St.
Architect—Not Given. $3000

DWELLING
(2591) E. 34TH AVE., 25 N LAWTON. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah St.
Architect—Not Given. $4000

ELECTRIC SIGN
(2592) 1702 HAIGHT ST. Electric sign.
Owner—Haight Theatre, Prem.
Contractor—QRS Neon Corp., Ltd., 690 Potrero.
Architect—Not Given. $1000

FLATS
(2593) E. GUERRERO, 265 S 15TH ST. Two-story and basement frame flats.
Owner—Carl Gellert, 1500 Judah.
Contractor—Standard Bldg. Co., 1500 Judah.
Architect—Not Given. $6500

ALTERATIONS
(2594) N.W. CALIFORNIA AND DRUMM. Alter office building.
Owner—Los Altos Co., 16 California.
Contractor—Moore & Madsen, 557 Market St.
Architect—E. B. Lee, 255 California. $1500

ALTERATIONS
(2595) 106 6TH ST. Alter hotel.
Owner—E. H. Mitchell Heirs, 520 6th St.
Contractor—Phoenix-Simpton Co., 520 6th St.
Engineer — Norman B. Green. 55 Montgomery. $1000

ALTERATIONS
(2596) NW. TAYLOR AND EDDY STS. Alter hotel.
Owner—Ritz Hotel, Prem.
Contractor—Joseph A. Pasqualetti, 1745 Filbert St.
Engineer—W. H. Ellison, 712 Pacific Bldg. $1760

STORE
(2597) W MISSION, 61 N GENEVA. Two-story frame store.
Owner—Cresta Bros., 5098 Mission.
Contractor — Baker & Wagner, 86 Fairfield.
Architect—Not Given. $5000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1881	Romley	Owner	1000
1882	Retail	Smith	1200
1883	Wallace	Peterson	14000
1884	Pulse	Shapero	10000
1885	Hanks	Fox	1828
1886	Fisher	Johnson	2000
1887	Robertson	Owner	4300
1888	Watson	Casqueiro	3000
1889	Hassid	Tiegland	6400
1890	Atkins	Jensen	2000
1891	Milholland	Elliott	1950
1892	Hakala	Owner	3000
1893	Fagan	Jensen	1500
1894	Radke	Owner	4000
1895	Brasch	Owner	5000
1896	Hunt	Dahl	6000
1897	Gamma	Armstrong	5600
1898	Hubbard	Owner	5000
1899	Boomer	Owner	10000
1890	Weaver	Fox	1244
1891	Rogers	Owner	3100
1892	Oppenheimer	Bernard	14000
1893	Dixon	Dixon	1000
1894	Madena	Mohr	5500
1895	Scammell	Owner	5300
1896	Pond	Pond	2950
1897	Kane	Owner	7800
1898	Triplett	McCall	4650
1899	White	Owner	4500
1900	Cauffield	Ghiselli	2000
1901	Wilken	Alameda	2800
1902	Swanson	Waldman	4000
1903	Montague	Haller	6500
1904	Drue	Wilson	3000
1905	Hollidge	Owner	3500
1906	Bardwell	Owner	5500

APARTMENTS
(1880) 927 BAY VIEW AVE., OAKLAND. Two-story 23-room apts.
Owner and Builder—W. E. McChesney, 1315 San Luis Ave., Oakland.
Architect—Not Given. $14,000

ALTERATIONS
(1881) 859 WILLOW ST., OAKLAND. Alterations and repairs.
Owner and Contractor—S. T. Romley, 853 Willow St., Oakland.
Architect—Not Given. $1,000

ALTERATIONS
(1882) 1105 E 12th ST., OAKLAND. Alterations.
Owner—Retail Grocers Assn. 361 17th St., Oakland.
Contractor—Ashley Smith, 3027 Capp St., Oakland.
Architect—Not Given. $1200

RESIDENCE
(1883) 90 INVERLEITH TERRACE, PIEDMONT. Two-story 7-room residence and garage.
Owner—Mr. and Mrs. M. R. Wallace, 340 Pine St., San Francisco.
Architect—Miller & Warnecke, 1700 Financial Center Bldg.
Contractor—Olaf Peterson, 3626 Rhoda Ave. $14,000

RESIDENCE
(1884) 238 SANDRINGHAM ROAD, PIEDMONT. Two-story 8-room frame residence and garage.
Owner—Harry H. Pulse, care 2014 Shattuck Ave.
Architect — John B. Anthony, 2014 Shattuck Ave.
Contractor—S. M. Shapero, 2014 Shattuck Ave. $10,000

ALTERATIONS
(1885) 128 GREENBANK AVENUE, PIEDMONT. Alterations.
Owner—Mrs. Beatrice Hanks, 128 Greenbank Ave.
Contractor—Fox Bros., 1478 University Ave.
Architect—Not Given. $1828

DWELLING
(1886) 3558 72nd AVE., OAKLAND. One-story 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor—E. Johnson, 450 Oakes Blvd., San Leandro. $2 000
Also garage, $125.

DWELLING
(1887) W MAGELLAN ROAD 181 N Snake Road, OAKLAND. Two story 5-room dwelling.
Owner and Contractor—Fitch Robertson, 16 Hillcrest Circle, Berkeley.
Architect—Not Given. $4300
Also one-story garage, $200.

DWELLING
(1888) 2754 74th AVE., OAKLAND. One-story 5-room dwelling.
Owner—Kenneth Watson, 2648 78th Ave., Oakland.
Contractor—A. Casqueiro, 2648 78th Ave., Oakland.
Architect—Not Given. $3000

DWELLING
(1889) 20 NORTHGATE, OAKLAND. One-story 6-room frame dwelling.
Owner—Mrs. Hassid, 1622 Santa Barbara, Berkeley.
Contractor—C. M. Teigland 4607 Harbor Drive, Berkeley.
Architect—F. Confer, Berkeley. $6400

ALTERATIONS
(1890) 2452 BANCROFT WAY, BERKELEY. Alterations.
Owner—Mr. Atkins, 2452 Bancroft Way, Berkeley.
Contractor—Jensen & Pedersen, 3443 Adeline St., Berkeley.
Architect—Not Given. $2,000

ADDITION
(1891) 6139 OCEAN VIEW DRIVE, OAKLAND. Addition.
Owner—H. L. Milholland, 6139 Ocean View Dr., Oakland.
Contractor—W. H. Elliott, 6015 Contra Costa Road, Oakland.
Architect—Not Given. $1950

DWELLING
(1892) 1710 TENTH ST., BERKELEY. One-story six-rom frame dwelling and garage.
Owner and Builder—Ernest Hakala, 1710 10th St., Berkeley.
Architect—Not Given. $3,000

ALTERATIONS
(1893) 3106 GUIDO ST., OAKLAND. Alterations and additions.
Owner—Elizabeth Fagan, 3106 Guido St.
Contractor—H. K. Jensen, 2757 Rawson St.
Architect—Not Given. $1500

DWELLING
(1894) 5242 MASONIC AVE., OAKLAND. One-story 6-room dwelling.
Owner & Builder—G. A. Radke, 5725 Shattuck Ave.
Architect—Not Given. $4000
Also 1-story shed, $100.

DWELLING
(1895) 140 HERMOSA AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—M. P. Brasch, 1600 Mountain Blvd.
Architect—Not Given. $5000

DWELLING
(1896) 900 CARLSTON AVE., OAKLAND. Two-story 6-room dwelling.
Owner—Mrs. Eloise M. Hunt, 220 Highland Ave.

Contractor—E. W. Dahl, 2901 56th Ave.
Architect—Not Given. $6000

ADDITIONS
(1897) 2710 CHANNING WAY, BERKELEY. Additions.
Owner—Gamma Delta Gamma, Premises.
Contractor—J. R. Armstrong, 1311 Fleet Road.
Architect—Ray Keefer, Oakland. $5,600

DWELLING
(1898) 527 GRIZZLY PEAK, BERKELEY. Two-story 6-room frame dwelling.
Owner & Builder—J. F. Hubbard, 5412 Proctor Ave., Oakland.
Architect—Not Given. $5000

DWELLING
(1899) 5300 ESTATES DR., OAKLAND. Two-story 9-room dwelling.
Owner and Builder—Ralph J. Boomer, 5700 Merriewood Dr.
Architect—W. C. Clifford, 310 Locust St., San Francisco. $10,000

ALTERATIONS
(1900) 2910 BROADWAY, OAKLAND. Alterations.
Owner—Chester N. Weaver Co., 2910 Broadway.
Contractor—Fox Bros., 1478 University Ave., Berkeley.
Architect—Not Given. $1244

DWELLING
(1891) 2215 65th AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Mack Rogers, 2223 65th Ave.
Architect—Not Given. $3100
Also 1-story garage, $125.

STORES
(1892) 7300 - 02 - 06 - 08 FOOTHILL BLVD., OAKLAND. One-story stores.
Owner — Arthur C. Oppenheimer, Prem.
Contractor—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.
Architect—Kent & Hass, San Francisco. $14,000

ALTERATIONS
(1893) 1844 5th AVENUE, OAKLAND. Alterations.
Owner—W. W. Dixon, 1844 5th Ave.
Contractor—Dixon & Roth, 1844 5th Ave.
Architect—Not Given. $1000

DWELLING
(1894) 5325 YUBA AVE., OAKLAND Two-story 7-room dwelling.
Owner—Frank Madena, Prem.
Contractor—H. B. Mohr, 420 Mitchell Ave., San Leandro.
Architect—Not Given. $5500

DWELLING
(1895) 2483 CORDOVA ST., OAKLAND. Two-story 6-room dwelling.
Owner & Builder—J. W. Scammell, 3161 Fruitvale Ave.
Architect—Not Given. $5300
Also 1-story garage, $150.

DWELLING
(1896) 2210 BONAR, BERKELEY. One-story 5-room frame dwelling.
Owner—J. K. Pond, 1056 Ardmore Ave., Oakland.
Contractor—C. P. Pond, 13th and Webster, Oakland.
Architect—Not Given. $2950

DWELLING
(1897) 430 KENTUCKY, BERKELEY. Two-story 6-room frame dwelling and garage.
Owner and Builder—Gould Kane, 1665 Thousand Oaks.
Architect—B. R. Hardman. $7800

DWELLING
(1898) 2950 EL MONTE ST., OAKLAND. One-story 5-room dwelling.
Owner—S. R. Triplett.
Contractor—Parsons & Williams, 2262 80th Ave., Oakland.
Architect—Chas. McCall, 1404 Franklin St., Oakland. $4650

DWELLING
(1899) 5626 AMY DR., OAKLAND. One-story 5-room dwelling.
Owner and Builder—R. C. White, 3557 Kempton Ave., Oakland.
Architect—Not Given. $4500

ALTERATIONS
(1900) 6300 MOUNTAIN BOULEVARD, OAKLAND. Addition & alterations.
Owner—Mrs. B. Cuffield, 3024 Fruitvale Ave., Oakland.
Contractor—M. Ghiselli, 1312 Fountain St., Alameda.
Architect—Not Given. $2,000

(1901) 4426 YGNACIO AVE., OAKLAND. One-story 5-room two-family dwelling.
Owner—Martha Wilken, 4424 Ygnacio Ave., Oakland.
Contractor—Alameda Home Builders, 1535 Everett Ave., Oakland.
Architect—Not Given. $2800

(1902) 1595 76th AVE., OAKLAND. One-story 5-room dwelling.
Owner—J. Swanson.
Contractor—A. E. Waldman 3192 McKillop Road, Oakland.
Architect—Not Given. $4,000

DWELLING
(1903) 5926 MARGARIDO DRIVE, OAKLAND. Two - story 7-room dwelling.
Owner—Roy H. Montagne.
Contractor—Paul H. Haller, 6221 Buena Vista Ave., Oakland.
Architect—Not Given. $6,500

DWELLING
(1904) 3858 ENOS AVE., OAKLAND. One-story 5-room dwelling.
Owner—Harlen Drue, 3854 Enos Ave. Oakland.
Contractor—C. J. Wilson, 1515 Hopkins St., Oakland.
Architect—Not Given. $3,000

DWELLING
(1905) 200 BEAUFOREST DRIVE, OAKLAND. Two - story 4-room dwelling.
Owner and Contractor—G. M. Hollidge, 736 Brooklyn Ave., Oakland
Architect—Not Given. $3,500

(1906) 123 SONIA ST., OAKLAND. One-story 6-room dwelling.
Owner and Builder—Chas. E. Bardwell, Jr., 5910 Acacia Ave., Oakland.
Architect—Not Given. $5,500
Also 1-story garage, $200.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
188	Petterson	Lindgren	18070
189	Pac	Monson	1249
190	Ella	Concrete	9500
191	Riemer	Sharman	10700
192	May	Marshall	13358.50
193	Cohn	Milton	9500.00

FLATS
(188) LOT 16 BLK 1138, Francisco Heights. Two-story and basement frame flats.
Owner—Walter A. Petterson, 374 11th St., Oakland.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—Albin C. Lindgren, 346 Lowell St., San Francisco.
Filed, Dec. 11, '36. Dated, Nov. 23, '36.
Rrough frame up.....$4517.50
Brown coated 4517.50
Completed 4517.50
Usual 35 days..... 4517.50
TOTAL COST, $18,070.00
Bond, $9000. Sureties, C. E. Reinhart and Otto Anderson. Limit, 120 days. Plans and Spec. filed.

PARTITIONS, ETC.
(189) 140 NEW MONTGOMERY. Cafeteria partitions and painting.
Owner—Pacific Tel. & Tel. Co., Premises.
Architect—Not Given.
Contractor—O. Monson, as Monson Bros., 19th and Vermont Sts.
Filed Dec. 14, '36. Dated Oct. 14, '36.
75% upon completion.
25% 40 days after.
TOTAL COST, $1,249.00
Bond, $1249. Surety, Pacific Indemnity Co. Limit, 12 days. Plans and specifications filed.

FLATS
(191) W. BRODERICK, 155 S LOMBARD. Two-story frame flats.
Owner—H. R. Riemer, 1746 8th Ave.
Architect—Not Given.
Contractor—Thos. R. Sharman, 1800 Quesada, San Francisco.
Filed Dec. 15, '36. Dated Dec. 10, '36.
Roof on $2675
Brown coat plaster..... 2675
Completion 2675
Usual 35 days..... 2675
TOTAL COST, $10,700.00
Bond, $5,500. Sureties, Joseph Cruise and T. L. Sharman. Limit, 120 days. Plans and specifications filed.

DWELLING
(192) S. MARINA BLVD., 187 E FILLMORE. Two-story and basement frame dwelling.
Owner—Margarita B. May, 1808 Pacific Ave.
Architect—Francis E. Lloyd, 360 Pine.
Contractor—Frank S. Marshall, 909 Ashbury.
Filed Dec. 16, '36. Dated Dec. 15, '36.
Framing $3339.62
Brown coat 3339.62
Completion 3339.62
Usual 35 days.....balance
TOTAL COST, $13,358.50
Plans and specifications filed.

SERVICE STATION
(193) SE COR. 19th and KIRKHAM STS. Service station.
Owner—Ella Cohn.
Contractor—W. Bryan Milton, 589 Haddon Rd.
Architect—Not Given.
25% Concrete found. & grading.
25% Steel building.
25% completion.
25% Final city inspection, plus 5 days.
TOTAL COST, $9,500.00
Bond, $9500. Surety, Amer. Surety Co. of N. Y. Limit, 90 days. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
No.	Owner	Contractor	Amt.
185	Wallace	Peterson	13669

DWELLING
(185) LOT 178, UPPER PIEDMONT ESTATES, PIEDMONT. Two-story frame dwelling.
Owner—M. R. Wallace, 340 Pine St., San Francisco.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Olaf Peterson, 3626 Rhoda Ave., Oakland.
Filed Dec. 15, '36. Dated Dec. 10, '36.
Frame up $3383
Plastered in and out..... 3383
Completion 3383
Usual 35 days..... 3384
1 yr. from date completion.... 136
TOTAL COST, $13,669
Bond, $13,669. Surety, Glenns Falls Indemnity Co. Limit, 110 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Owner Taking Sub-Bids
APARTMENTS Cost, $16,000
OAKLAND, Alameda Co., Cal. Bayview and 9th Ave.
New apartment building (23 rooms).
Owner and Builder—W. E. McChesney, 1315 San Luis Ave., Oakland.
Architect—R. C. Schuppert, 1530 Wellington Ave., Oakland.

Contract Awarded
APARTMENTS Cost, $22,000
SAN MATEO, San Mateo Co., Calif. Lot 13 Blk C, Auroya.
New apartment building.
Owner—R. N. Faukner, 412 Hurlingham Ave., San Mateo.
Architect—Not Given.
Contractor—Daley Bros., 789 El Camino Real, San Mateo.

Owner Taking Sub-Bids
APARTMENTS Cost, $.....
SAN FRANCISCO. Henderson and Anza Streets.
New three-story apartment building.
Owner and Builder—Herman C. Hogrefe, 359 24th Avenue.
Architect—Conrad T. Kett, 519 California Street.

Bids Opened
APARTMENT HOUSE Cost, $16,000
WILLOW GLEN, Santa Clara Co.
One- and part 2-story stucco apartment building (eight 3-rm. apts.), tile baths, hardwood floors, shake roof, wood sash, warm air heat.
Owner—Winninger Estate.
Architect—Edw. W. Kress, 402 First National Bank Bldg., San Jose.
Low Bidder—N. J. Nielsen, 1270 Iris Court, San Jose.
The bids were:
N. J. Nielsen, San Jose.....$20,438
Wm. Schwartz, San Jose..... 22,740
Bids referred to the FHA.

Contract Awarded
ADDITION Cont. Pr., $6,702
SAN JOSE, Santa Clara Co., Calif.
Two-story stucco addition to existing apartment building (four 3-room apts.), tile baths, hardwood floors, warm air heat, shake roof, wood sash.
Owner—Mrs. Herbert C. Bean.
Architect—Edw. W. Kress, 402 First National Bank Bldg., San Jose.
Contractor—Rader & Altenbach, 416 S. Sixth St., San Jose.

3— CHURCHES

Low Bidder
CHURCH Cost, $15,000
TURLOCK, Stanislaus Co., Calif.
One - story and basement church (chapel, social hall, and kitchen), hot air heat, maple and pine floors; refrigeration units.
Owner—Swedish Baptist Church.
Architect — G. N. Hilburn, 1213 I St., Modesto.
Low Bidder—D. G. Niel, 177 Colombia St., Turlock.

Planned
CHURCH Cost, $.....
SANTA CRUZ, Calif.
New church building.
Owner—First Presbyterian Church
Architect—Not Selected

CONTRACT AWARDED
TAFT, Kern Co., Calif.—Trewhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno, awarded contract for erection of a new edifice in Taft for the First Methodist Church; Rev. Robert A. Young, pastor.

4— FACTORIES & WAREHOUSES

BIDS WANTED
SANTA MONICA, Los Angeles Co., Cal.—H. A. Klabunde and Structural Engineer Harold P. King, 105 Broadway, Santa Monica, are taking general bids for a warehouse, garage and and office building (188x400-ft.) to be built on Lincoln Blvd., Santa Monica, for Roberts Public Markets.

Contract Awarded
BUILDING Cost, $125,000
SAN FRANCISCO. Tenth and Bryant Streets.
Two-story and basement reinforced concrete bottling and canning plant.
Owner—San Francisco Brewing Co., 10th and Bryant Sts.
Engineer—W. E. Murray, 908 Hayes Street.
Contractor—Cahill Bros., 206 Sansome Street.

Contract Awarded
WAREHOUSE Cost, $12,000
MODESTO, Stanislaus Co., Calif.
One-story steel & stucco warehouse and office (14,000 sq. ft.) concrete floors, heating system and refrigeration plant, steel sash.
Owner—Slodene Brothers.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor — Wendell L. Thompson, 436 James St., Modesto.

Sub Contract Awarded
BUILDING Cost, $125,000
SAN FRANCISCO. Tenth and Bryant Streets.
Two-story and basement reinforced concrete bottling and canning plant.
Owner—San Francisco Brewing Co., Tenth and Bryant Sts.
Engineer—W. E. Murray, 908 Hayes Street.
Contractor — Cahill Bros., 206 Sansome Street.
Grading—San Francisco Grading Co., 6565 3rd St.
D. J. & T. Sullivan, Inc., 1940 Folsom St., are now removing existing buildings on site.

5— FLATS

Contract Awarded
FLATS Cost, $9,000
SAN FRANCISCO, Calif. Broderick and Greenwich.
Two-story frame and stucco flat building.
Owner—F. Reimer, care Contractor.
Architect—Not Given.
Contractor — Thomas R. Sharman, 3700 Broderick St.

Contract Awarded
FLAT BUILDINGS Cost, $7,000 ea.
SAN FRANCISCO, Calif. Guerrero and 15th Streets.
Two two-story frame and stucco flat buildings.
Owner—Carl Gellert, 1500 Judah St.
Architect—Not Given.
Contractor—Standard Bldg. Co., 1500 Judah St.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $5,000
SAN FRANCISCO, Calif. NE Ocean and Allemany Blvd.
Steel service station.
Owner—John Drake, Prem.
Architect—Not Given.
Contractor—H. T. Gettins Co., 268 13th St.

Plans Being Prepared
GARAGE AND SHOWROOM Cost, $15,000
WOODLAND, Yolo Co., Calif.
Frame, stucco and brick garage and show room (90x90), composition roof, steel sash.
Owner—Layton Knaggs, Woodland.
Architect—W. E. Coffman, Forum Bldg., Sacramento.

Contract Awarded
SERVICE STATION Cost, $.....
NE ALEMANY BLVD. AND OCEAN AVENUE.
Gasoline service station.
Owner—The Texas Company, Hearst Bldg.
Architect—Not Given.
Contractor—H. T. Gettins Co., 268 13th St., San Francisco.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
MARE ISLAND.—Ray Oil Burner Co., 401 Bernal, San Francisco, at $9,330, awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8376, for automatic equipment to convert four 300-hp. oil-fired boilers now installed at the Mare Island Navy Yard, to full automatic control and operation for both natural gas and fuel oil.

BIDS OPENED
MARE ISLAND. — Otis Elevator Co., 1 Beach St., San Francisco, at $2,263, submitted low bid to the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8380, for converting two combination electric freight and passenger elevators located in Building No. 390 at the Mare Island Navy Yard, from car switch to push-button control, including safety devices and accessories.
San Francisco Elevator Co., at $2,372.70, submitted the only other bid.

BIDS WANTED
SAN GABRIEL, Los Angeles Co., Calif.—Until January 5, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding, planting, etc., of the grounds of the U. S. Post Office at San Gabriel.
Specifications obtainable from the above office and from the Custodian of the Building at San Gabriel.

BIDS WANTED

MARE ISLAND, Calif.—George J. Maurer Co., 50 York Drive, Piedmont, at $75,180 submitted low bid to the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8192, for construction of a dispensary building at the Navy Yard.

Work includes concrete construction, steel, iron and bronze work, roofing, asbestos shingles, and sheet metal work, metal studding, furring and lathing, plastering, marble and tile work, terrazzo, cork composition tile flooring, metal covered doors and frames and hollow metal frames, carpentry and joinery, hardware, refrigerated drinking fountains, plumbing, heating and electrical work.

Bids were taken as follows:

(1) Work complete;
(2) Work complete based on installation of wood jambs and trim instead of hollow metal;
(3) Work complete, based on installation of sash string balances in lieu of sash weights and chains.

Complete bids follow:

Geo. J. Maurer Co., Piedmont	(1)	$75,180
	(2)	74,080
	(3)	75,060
Villadsen Bros., Oakland	(1)	$76,800
	(2)	75,400
	(3)	76,650
B. A. Howkins, S. F.	(1)	$79,221
Deduct	(2)	1,200
Add	(3)	100
A. Nelson, Inc., S. F.	(1)	$80,637
	(2)	81,224
	(3)	79,424
Robt. McCarthy, S. F.	(1)	$87,738
Deduct	(2)	150
	(3)	.....
F. C. Amoroso & Sons, San Francisco	(1)	$87,997
Deduct	(2)	1,200
	(3)	.....
L. Dioguardi, Sebastopol	(1)	$88,800
	(2)	87,400
	(3)	.....
E. T. Lesure, Oakland	(1)	$93,239
Add	(2)	435
Add	(3)	83

NO BIDS RECEIVED

OAKLAND, Calif.—No bids were received by the Treasury Department, C. J. Peoples, Director of Procurement, Section of Space Control, Washington, D. C., for sale of the old Post Office Bldg. and site located at Broadway, Seventeenth and Franklin Sts., Oakland.

CONSTRUCTION DELAYED

LOS ANGELES, Cal.—LeRoy Barton, assistant to the Secretary of the Treasury, this week stated construction work on the new U. S. Post Office and Court House in Los Angeles would probably get under way at an early date. According to Barton, the delay has been caused because a small part of the necessary $6,000,000 for construction work has not yet been allocated. George A. Fuller Co., Munsey Bldg., Washington, D. C., submitted the low bid.

BIDS WANTED

SAN FRANCISCO.—Until January 16, 10 a.m., bids will be received by the Signal Officer, 9th Corps Area, Presidio of San Francisco, under Proposal No. 1084 SC 37-2, for furnishing and installing one complete pneumatic tube system in Headquarters Bldg., 9th Corps Area, Presidio.

Work includes a complete pneumatic tube system of 2¼-in. diam. tubing, necessary compressor, two substations, carriers, and all incidental fittings, etc.

Specifications obtainable from the above office.

Lieut.-Col. Leland H. Stanford, Contracting Officer.

SACRAMENTO—QUARTERMASTER BUILDINGS—(GOVT)

SACRAMENTO. — Meyer Constr. Co., 735 Portola Drive, San Francisco, at $88,612, submitted low bid to Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento, for construction of the Quartermaster's Warehouse, Warehouse Annex, Maintenance Building, and Garage, on the site of the Army Air Corps Supply Depot, near North Sacramento.

All construction will be of reinforced concrete, walls, floors, and roofs; brick interior partitions; metal sash; gas radiators.

The warehouse and maintenance building will each be 181 x 41 feet, one-story.

Warehouse annex will be L-shaped 21 feet wide, 41 feet on one side and 61 feet on the other.

Garage includes repair shop, 32 x 124 feet, one-story, and two detached sheds, open on one side, each 163x 20 feet.

Bids were taken as follows:

(1) Work complete, one Quartermaster's warehouse, one warehouse annex, one maintenance building, and one garage.
(2) Add to or deduct from Item 1, if the rubbed smooth finish is omitted on all gate posts and quoins and bases of all buildings, and the exposed aggregate finish as specified is substituted.
(3) Add to Item 1, if one interior bay is added to the Q.M. warehouse;
(4) Add to Item 1, if two interior bays, one in each row of sheds, are added to the sheds of the Q.M. garage;
(5) Add to or deduct from Item 1, if the five-ply tar built-up roofing on all the buildings is omitted and five-ply asphalt built-up roofing is substituted.
(6) Unit prices, to be used in making deductions from or additions to the contract amount provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material complete in place unless otherwise noted.
(a) Earth excavation, per c.y.;
(b) Rock excavation, per c.y.;
(c) Wet excavation, per c.y.;
(d) Type A concrete, including forms, per c.y.;
(e) Type B concrete, including forms, per c.y.;
(f) Reinforcing steel, per ton;
(g) Brick in walls, per M.

The bidders were:

(A) Meyer Constr. Co., San Francisco; begin in 10 days and complete in 365 days.
(B) Peterson & Steinbrenner, Sacramento; begin in 7 days and complete in 180 days.
(C) A. Nelson, Inc., San Francisco.
(D) L. F. Dow Co., Los Angeles; begin in 30 days and complete in 120 days.
(E) Azevedo Constr. Co., Sacramento; begin in 10 days, complete in 300 days.
(F) Robert E. McKee, Los Angeles; begin in 10 days and complete in 300 days.
(G) Villadsen Bros., Oakland; begin in 10 days and complete in 260 days.
(H) Campbell Constr. Co., Sacramento; begin in 10 days, complete in 100 days.
(I) C. L. Wold Constr. Co., San Francisco; begin in 10 days; complete in 250 days.
(J) Midstate Constr. Co., Fresno; begin in 10 days; complete in 320 days.
(K) Holdener Constr. Co., Sacramento; begin in 10 days, complete in 300 days.
(L) Chas. H. Dorfman, Los Angeles; begin in 10 days, complete in 240 days.
(M) H. W. Robertson, Sacramento; begin in 10 days, complete in 300 days.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1)	$ 88,612.00	$99,359.00	$ 99,997.00*	$101,656.00*	$101,730.00	$102,700.00	$103,000.00	$103,184.00	$107,754.00	$108,111.00	$110,550.00	$112,690.00*	$119,883.00
(2)	3,168.00†	200.00†	1,400.00†	1,200.00†	100.00†	80.00†	500.00†	1,400.00§	500.00§	1,500.00†	100.00§	500.00†	1,000.00§
(3)	1,537.00†	1,825.00†	2,500.00†	2,100.00†	1,890.00†	1,850.00†	1,850.00†	1,964.00†	1,059.00†	2,250.00†	2,000.00†	1,685.00†	2,100.00†
(4)	1,356.00†	2,105.00†	2,400.00†	2,400.00†	1,760.00†	1,950.00†	1,900.00†	2,050.00†	1,803.00†	2,250.00†	1,800.00†	1,630.00†	2,300.00†
(5)	1,000.00§	2,310.00§	50.00§	200.00†	1,000.00§	1,000.00§	1,000.00§	2,600.00§	500.00§	2,500.00§	1,200.00§	2,300.00§	2,400.00§
(6a)	1.00	1.00	1.00	1.50	2.00	.90	1.00	1.50	.85	1.50	1.00	2.00	1.00
(6b)	2.00	2.00	5.00	3.00	4.00	4.00	4.00	2.50	1.15	5.00	2.50	10.00	5.00
(6c)	2.00	2.00	3.00	2.00	2.50	3.00	2.50	5.00	1.25	7.50	2.00	4.00	5.00
(6d)	14.50	14.60	16.00	20.00	18.00	18.00	17.00	17.00	17.60	24.00	15.00	19.00	11.00
(6e)	15.00	15.20	18.00	22.00	20.00	19.00	20.00	21.00	19.00	26.00	17.00	22.00	12.00
(6f)	90.00	95.00	140.00	120.00	120.00	100.00	110.00	100.00	85.00	120.00	100.00	90.00	80.00
(6g)	45.00	38.00	45.00	45.00	45.00	45.00	40.00	50.00	60.95	45.00	45.00	30.00	40.00

* Original bid modified by telegram. † Add. § Ded.

All bids referred to the Quartermaster General, Washington, D. C., for award.

(1025) 1st report Nov. 16, 1936.

Contract Awarded

POINT ST. GEORGE, Del Norte Co., Calif.—American Electric Constr. Co., 462 Bryant St., San Francisco, at $889, awarded contract by the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8308, for furnishing and installing water pump enclosures; new AC motors in place of the present DC motors on water pumps; and wiring for motors and lights at the U. S. Naval Direction Finder Station, Point St. George (Crescent City).

Engineer's estimate, $900.

BIDS OPENED

FAIRBANKS, Alaska. — Henry L. Grohne, 2594 N Water St., Decata, Ill., at $8,456, submitted low bid to District Engineer, Eighth Dist., 232 Federal Office Bldg., San Francisco, for changes in first floor and post office screen in the post office at Fairbanks.

Complete bids follow:

Henry L. Grohne, Decata, Ill.	$8,456
Chas. A. Schick, Fairbanks	9,100
McDonald Const. Co., St. Louis	9,459

BIDS WANTED

SAN DIEGO, Calif.—Until Dec. 22, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8397, for furnishing and installing at the Naval Operating Base (Air Station), San Diego, (a) two refrigerating machines (air-cooled); (b) air coolers in two existing cold storage rooms; (c) all necessary piping between refrigerating machines and coolers; and (d) electric plant; and (e) installation accessories.

Plans and specifications obtainable from the above office upon deposit of $10.

BUILDING MATERIALS APPROVED

SAN DIEGO, Cal.—Treasury Department has approved the following building material and equipment awards for the construction of the Coast Guard Air Station at San Diego. M. H. Golden, 531 Bank of America Bldg., San Diego, general contractor: Brass pipe, American Brass Co., and Phelps-Dodge Copper Products Co.

BUILDING MATERIALS APPROVED

MARTINEZ, Contra Costa Co., Cal. —Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at Martinez. George Petersen, 1841 Bancroft Ave., San Leandro, general contractor: Angle radiator valves⅛ J. P. Marsh Corp.; inserts, Grinnell Co.

BUILDING MATERIALS APPROVED

BREMERTON, Wash. — Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at Bremerton. MacDonald Building Co., 1517 South Tacoma Way, Tacoma, general contractors: Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Halsey W. Taylor Co.; indirect water heater, U. S. Radiator Corp.; wrought iron pipe, Reading Iron Co.; pressure reducing valve on water supply, Mueller Co.; water softener, McKays Co.; oil burner Ray Burner Co.; boiler, Kewanee Boiler Corp.; tube radiators, wall radiators and air valves for radiators, American Radiator Co.; air valves for ends of steam mains, American Radiator Company.

BUILDING MATERIALS APPROVED

LOS ANGELES, Calif. — Treasury Department has approved the following building material and equipment awards for the construction of the Federal Jail at Los Angeles. R. E. McKee, 1128 Central Bldg., Los Angeles, general contractor: Zinc coated sherardized conduit, Walker Bros.; motor switches, Westinghouse Elec. & Mfg. Co.; unit coolers, Refrigeration Engrg.; brine pumps, Gardener-Denver Co.; condenser circulating pump, Gardner-Denver Co.

CONTRACT AWARDED

LOS ANGELES, Calif.—William Gelfan, 646 S. La Brea Ave., awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc., in the U. S. Quarantine Station at Los Angeles.

BLDG. MATERIALS APPROVED

SELMA, Fresno Co., Calif.—Treasury Dept. approved following building material and equipment awards for the construction of the U. S. Post Office at Selma. Wickes Engineering & Construction Co., 1441 Bluff St., Des Moines, Iowa, general contractors; Hanger, Grabler Mfg. Co.

AWARD RECOMMENDED

SAN FRANCISCO. — Acme Floor Co., 1051 Mission St., at $234, submitted low bid and recommended for award of contract by H. N. Krenkel, Supply Officer, U. S. Marine Hospital, 14th Ave. and Lake St., for furnishing and installing new oak floors in seven rooms of Bldg. No. 9.

Complete bids follow:

Acme Floor Co.	$234.00
Nick Hemminga	285.00
Ace & Square Deal Floor Co.	287.00
Derrickson Floor Co.	302.40
Western Hardwood Floor Co.	328.00
Higgins Co.	392.00

BIDS OPENED

SAN PEDRO, Calif. — The Globe Wernick Co., Washington, D. C., at $3,438.65, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal counters and shelving at the U. S. post office at San Pedro.

Complete bids follow:

The Globe Wernick Company, Washington, D. C.	$3,438.65
The General Fireproofing Co., Washington, D. C.	3,604.20
Peerless Steel Equipment Co., Baltimore, Md.	3,620.00
Art Metal Const. Co., Washington, D. C.	4,655.00

It was previously reported in error that above bid opening had been postponed until December 30.

BIDS WANTED

LA JOLLA, San Diego Co., Calif.—Until Jan. 6, 1937, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the U. S. post office at La Jolla.

Specifications obtainable from the above office and from the Custodian of the Building at La Jolla.

To Be Done By Day's Work

SERVICE BLDG. Cost, $46,000
SONORA, Tuolumne Co., Calif.
One-story and basement frame and stucco service building (royal shingle roof, linoleum floors, hot air heating system, etc.).
Owner—U. S. Forest Service.

Plans prepared by the Architectural Department of the Forest Service, Phelan Bldg., San Francisco.

Work will be done by the Forest Service and the WPA.

LOW BIDDER

SAN DIEGO, Cal.—C. R. Greaves, 2911 33rd St., San Diego, at $2,986.93, submitted low bid to the 11th Naval District, under Spec. 8296, for painting buildings at Naval Radio Station, Challos Hgths., San Diego. Recommendation was made that contract be awarded low bidder.

CONTRACT AWARDED

LODI, San Joaquin Co., Calif.—Chamberlin Metal Weather Strip Co., Inc., Detroit, Mich., at $541, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing insect screens in the U. S. post office at Lodi.

BIDS WANTED

SAN PEDRO, Los Angeles Co., Cal. —Until December 30, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for metal counter unit in the U. S. P. O. and Custom House at San Pedro.

Specifications obtainable from the above office and from the Custodian of the Building at San Pedro.

BIDS WANTED

PEARL HARBOR, T. H. — Until February 3, as previously reported, bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8350, for the construction of a steel floating dry dock, the ARD 2, 446 ft. long and 68 ft. beam, to accommodate destroyers and submarines, to be located at Pearl Harbor.

Plans and specifications obtainable from the above office upon deposit of certified check for $300, payable to the Chief of the Bureau of Yards & Docks.

NOTE: The deposit for plans was previously reported incorrectly.

BIDS WANTED

LOS ANGELES, Calif.—Until February 2, 1:30 p.m., bids will be received by the Veterans' Administration, Room 764, Arlington Building, Washington, D. C., for construction of additional buildings and utilities at the Veterans' Administration Facility, Los Angeles.

Work consists of one Male Domiciliary Barrack Building No. 212 (approx. 880,000 c.f.), one Male Domiciliary Barrack Building No. 213 (approx. 880,000 c.f.), one Male Domiciliary Barrack Building No. 214 (approx. 725,000 c.f.), one Male Domiciliary Barrack Building No. 215 (approx. 725,000 c.f.), one Female Domiciliary Barrack Building No. 220 (approx. 520,000 c.f.), etc.; also, work includes, roads, walks, grading and drainage, excavation, reinforced concrete, cut stone, slate stair treads, marble work, terrazzo, floor and wall tile, compressed asphalt tile, waterproofing, metal work, steel stairs, steel cabinets and shelving, tile and built-up roofing, metal studs, metal lathing, plastering, carpentry, acoustical treatment, insulation, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevators, outside service connections and distribution systems, etc. Separate bids will be received for (I) General Construction; (II) Plumbing, Heating, and Electrical Work; and (III) Electric Elevators.

Plans and specifications may be obtained from the Construction Service, Room 764, Arlington Building, Washington, D. C., and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit is necessary.

BIDS OPENED

MARE ISLAND—Forney Engineering Co., Dallas, Texas, at $9,482, submitted low bid to the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8376, for automatic equipment to convert four 300-hp. oil fired boilers now installed at the Mare Island Navy Yard, to full automatic control and operation for both natural gas and fuel oil.

Complete bids follow:

Forney Engineering Co., Dallas $9,482.00
E. A. Cornely, Inc., S. F. 9,613.39
Ray Oil Burner Co., S. F.
(Bureau's design) 10,250.00
(Bidder's design) 9,585.00
Scott Co., Oakland 17,134.00

December 14, 1936.

Contract Awarded

RADIO BUILDING Cont. Pr., $17,730
HICKAM FIELD, T. H.
Radio building, including utilities. (Spec. 397-16).
Owner—U. S. Government.
Plans prepared under the supervision of Captain H. B. Nurse, Constructing Quartermaster, Hickam Field.
Contractor—E. E. Black, Ltd., P.O. Box 2303, Honolulu.

8— CLUB BUILDINGS

Bids In—Held Under Advisement

NIGHT CLUB
SAN FRANCISCO, Calif.
Complete new night club in existing building; lounge room and cocktail bar.
Architect—Wm. H. Rowe, 351 California St., and Resing & McGuiness, 488 Pine St.

9— HOSPITALS

Plans Being Figured — Bids Close January 12, 2 P. M.

HOSPITAL WARDS Cost, $300,000
PATTON STATE HOSPITAL, San Bernardino Co., Calif.
Two one-story reinforced concrete ward buildings (Group 16, for infirm females, and Group T for infirm males), clay tile roofing.
Owner—State of California, Department of Institutions.
Architect — George B. McDougall, State Architect, Public Works Bldg., Sacramento.
Bids will be taken as follows:
(1) General work;
(2) Electrical work;
(3) Plumbing work;
(4) Heating and Ventilating work.
Alternate bids affecting each segregation will be received for omission of each of two wings.
Plans and specifications obtainable from the State Architect's office upon deposit of $25.

CONTRACT AWARDED

TEHAMA CO., Cal.—Cox Electric Co., Red Bluff, at $3,994 submitted the only bid received by C. H. Dodd, contractor, care of the Clerk of the County Board of Supervisors, Court House, Red Bluff, for furnishing electric light fixtures and furniture for the Tehama County Hospital at Red Bluff.

Contract awarded subject to approval by the PWA.

W. E. Coffman, Forum Bldg., Sacramento, architect.

Plans Being Figured—Bids Close January 2.

WARD BUILDINGS Cost, $84,000
SPRINGVILLE, Tulare Co., Calif.
Four frame and stucco ward buildings (one 36-bed womens' and children's ward bldg., 10,312 sq. ft., and three 10-bed units for general tubercular patients, 7,008 sq. ft.) reinforced concrete foundations; cement plaster exterior; pine and linoleum floors; tile floors in lavatories; steel tube electric wiring; trim pine interior, steam heat, hardwall plaster, signal call system, boiler for heating plant, ducts and conduits for steam and hot water transmission; clay tile roofing on the women's and childrens' unit; shingle roofing on the 3 smaller units.
Owner—Tulare-Kings Counties Joint Tubercular Sanitarium (Norman C. Wolff, Recording Secretary) Springville.
Architect — Ernest Kump, Rowell Bldg., Fresno.

A grant of $37,800 has been allotted by the PWA.

Plans and specifications obtainable from the office of the architect.

Plans Being Figured—Bids Close January 4, 10 A. M.

ADDITION Cost, $35,000
AUBURN, Placer Co., Calif.
One-story reinforced concrete ward addition to county hospital (80-bed ward) composition roofing, steel sash, steam heating system.
Ower—County of Placer.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

Bids will be opened by the Placer County Board of Supervisors, Court House, Auburn.

Plans and specifications obtainable from the office of the architect upon deposit of $10.00.

10— HOTELS

Sub-Contracts Awarded

ALTERATIONS Cost, $20,000
HANFORD, Kings Co., Calif.
Remodeling Hanford Hotel Bldg. for furniture store.
Owner—N. Abrams Est., San Francisco.
Lessee—Hanford Furniture Co. (Morris Levi, Proprietor).
Architect—Not Given.
Contractor—Frank Brown, Hanford.
Masonry—E. G. Westlake, 415 S Douty St., Hanford.
Concrete—N. Zandoni.
Plastering—Joe Costa, 423 W Florinda St., Hanford.
Millwork—Gurnee Planing Mill, 400 W 7th St., Hanford.
Roofing—Valley Lumber Co., H and Mono St., Fresno.
Reinforcing and Structural Steel, and Ornamental Iron—Kyle & Co., 346 G St., Fresno.
Plumbing and Sheet Metal—Harlock-Clow Co., 214 N Irwin St., Hanford.
Electric Wiring—Abbott Elec. Store, 213 W 7th St., Hanford.

12— POWER PLANTS

FUNDS ALLOTTED

WHITMAN CO., Wash. — Rural Electrification Administration has allotted a loan of $200,000 to the Whitman Rural Electric Cooperative, Colfax, for the construction of 208 mi. of distributing lines to serve 680 customers in Whitman County.

Power will be purchased wholesale from the new Diesel generating plant of the Spokane County Rural Electric Cooperative.

FUNDS ALLOTTED

SPOKANE & WHITMAN COS., Wash.—Rural Electrification Administration has allotted a loan of $290,000 to the Spokane County Rural Electric Cooperative, Plaza, Washington, for construction of 205 miles of rural distributing lines and a 900-kw. generating plant, to serve 600 customers in Spokane and Whitman Counties.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

To Prepare Plans

ADDITION Cost, $.....
DELANO, Kern Co., Calif.
Jail addition (two cells).
Owner—City of Delano.
Architect—Office of Edward J. Symmes, Haberfelde Bldg., Bakersfield.

Sub Contracts Awarded

ALTERATIONS Cost, $13,446
COLUSA, Calif.
Alterations to Colusa County Courthouse.
Owner—County of Colusa.
Architect—Not Given.
Contractor—Ralph J. Sharp, 310 Cedar St., Pacific Grove.
Plumbing, Heating & Sheet Metal—Frank Stowell, 128 Main Street, Colusa.
Electric Wiring — Langlais Electric Co., 218 Forest St., Pacific Grove.
Tile Work—Thomas H. Price Co., 90 Vine St., San Jose.
Window Shades & Linoleum — McLean's, 37 S. Sutter St., Stockton.
Iron Grille Work—Hellwig Iron Wks., 407 Vine St., San Jose.
Mill Work—Electric Planing Mill Co., 545 S. Monroe St., Stockton.
Painting—Gaylord V. Kilgore, Rt. 1, Box 406, Monterey.
Lathing & Plastering—F. E. Overhulse, Box 1095, Carmel.

PLANNED

LOS ANGELES, Calif.—State Finance Director Stockburger, during a conference with county supervisors this week, tentatively agreed to raze the old Times building and other structures to the south and north of the present state office building in return for a clear title to the property. The state proposes adding two eight-story wings to the north side of the present office bldg., the two units to cost approximately $500,000. Plans will be prepared by State Architect George B. McDougall, Public Works Building, Sacramento.

SITE SELECTED

LOS ANGELES, Calif.—The state has completed negotiations for the purchase of property on the northwest corner of First and Hill Sts. as the site for a new building to house Southern California offices of the California Department of Public Works. The construction of a two-story structure, probably of reinforced concrete, is contemplated. State Architect Geo. B. McGougall, Public Works Bldg., Sacramento, will prepare the plans.

Bids Wanted—To Close January 5, 2 P. M.

COURT HOUSE AND JAIL Cost, $192,000
SANTA CRUZ, Santa Cruz Co., Cal. Front Street.
Three-story and basement reinforced concrete, fireproof court house and jail; concrete floors; metal lath and plaster partitions; linoleum floor covering; steam heat; (jail, 30 cells; office bldg., 120x 85 ft.)
Owner—County of Santa Cruz.
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Structural Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.

A grant of $85,310 has been approved by the PWA.

Plans and specifications obtainable from the office of the Architect upon deposit of $50.00.

Bids Opened

EXHIBIT PALACES Cost, $1,025,000

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Twelve one-story buildings (over 600,000 sq. ft.), and temporary utility buildings. Buildings are to be built with pile foundations; wood floor and roof construction; roof supported on trusses covered with felt and asphalt; wood flooring, wood sheathing and roofing installed, but no finish work inside or outside except which is shown or specified.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush Street, San Francisco.

Architect — San Francisco Bay Exposition Architectural Commission (George Kelham, Chairman), 585 Bush St.

Bids were taken as follows:

Prop. A—For construction of Building No. 5 only.

Prop. B—For constructing Building No. 6 only.

Prop. C.—For constructing Buildings Nos. 6A, 7 and 7A only.

Prop. D—For constructing Buildings Nos. 8, 8A and 9 only.

Prop. E—For constructing Buildings Nos. 11 and 12 only.

Prop. F—For constructing Buildings Nos. 13 and 14 only.

Prop. G—For constructing and maintaining 3 sets or groups for temporary utility buildings (4 PWA signs), 3 PWA inspectors' offices and field office combined.

Prop. H—For constructing Buildings Nos. 5, 6, 6A, 7, 7A, 8, 8A, 9, 11, 12, 13, 14, and utility buildings.

All propositions were taken under two alternates, using either rod and block or strap and pin construction.

Low Bidder—Guy F. Atkinson Co., 658 Russ Bldg., San Francisco, submitted low bid on both alternative propositions at $1,181,544.00 and $1,199,032.00.

Complete bids follow:

Guy F. Atkinson	Prop. (H)	$1,181,544
	Alt.	1,199,032
Clinton Construction Co.	Prop. (H)	.....
	Alt.	1,234,000
MacDonald & Kahn Co., Ltd.	Prop. (H)	1,390,000
	Alt.	1,363,631
*Barrett & Hilp	Prop. (A)	166,723
	Prop. (B)	166,723
	Prop. (G)	4,000

*Percentage reduction for combined propositions: Two Propositions, 3½%, Three Propositions, 3½%.

Contract Awarded

ADDITION Cont. Pr., $3,799

TUOLUMNE, Tuolumne Co., Calif.

Stage addition to Memorial Hall (brick walls).

Owner—County of Tuolumne (C. A. Dambacher, Clerk).

Architect—Frank V. Mayo, 108 East Miner St., Stockton.

Contractor—W. Buck & Son, 718 W. Oak St., Stockton.

Complete bids follow:

W. Buck & Son, Stockton	$3,799.50
H. H. Henning, Stockton	4,120.00
F. J. Harrington, Stockton	4,350.00

BIDS WANTED

SAN LUIS OBISPO, Calif.—Until December 21, 2 p.m., bids will be received by the County of San Luis Obispo, Gwen Marshall, County Clerk, for marble work in the Court House building, known as Unit No. 2 of the San Luis Obispo County Court House, Monterey and Osos Sts.

Plans prepared by Architects Walker & Eisen, 437 S. Hill St., Los Angeles.

Plans and specifications obtainable from the County Clerk's Office and from the office of the Architects upon deposit of $50.00.

Contract Awarded

TOLL PLAZA AND BUILDING Contract Price, $216,000

SAN FRANCISCO. Golden Gate Bridge.

Toll plaza and building, exclusive of the toll-registering equipment (1-story wood frame bldg., built-up asphalt roofing, linoleum floors, electric and steam heat, steel sash), comprising administration and maintenance offices and 14 toll-collection booths.

Owner—Golden Gate Bridge District, 111 Sutter Street.

Architect — Irving F. Morrow, de-Young Building.

Engineers—Strauss & Paine, 111 Sutter Street.

Contractor—Barrett & Hilp, 918 Harrison Street.

BIDS OPENED

PALO ALTO, Santa Clara Co., Cal.—Geo. B. Moore, 531 Stanford Ave., Palo Alto, at $16,620, submitted low bid to the City of Palo Alto Board of Public Works, City Clerk's office, City Hall, 439 Ramona St., for construction of an Animal Shelter. The plans were prepared by Architect H. C. Collins, Deckeroak Building, Palo Alto.

Bids were taken with following additions: (1) Bricking in a tub; (2) Yard walls in hollow tile; (3) Cement blocks; (4) Wire fence; (5) Window screens; (6) Name panels; (7) Receiving room tile wall.

Complete bids follow:

Geo. B. Moore, Palo Alto		$16,620
	(1)	47
	(2)	1,300
	(3)	1,100
	(4)	315
	(5)	55
	(6)	45
	(7)	15
W. P. Goodenough, Palo Alto		$18,808
	(1)	45
	(2)	1,355
	(3)	1,685
	(4)	314
	(5)	53
	(6)	125
	(7)	10
E. J. Schmaling, Palo Alto		$19,347
	(1)	47
	(2)	1,340
	(3)	1,701
	(4)	320
	(5)	58
	(6)	129
	(7)	11
A. Nelson, Inc., S. F.		$20,765
	(1)	50
	(2)	1,767
	(3)	1,851
	(4)	450
	(5)	153
	(6)	100
	(7)	15

REJECTION RECOMMENDED

ALAMEDA-CONTRA COSTA Cos., Calif.—The Board of Directors of Joint Highway District No. 13 has recommended to the PWA that all bids for the completion of construction of ventilating buildings, including portions of electrical equipment, of the Broadway Low Level Tunnel, Schedule "D," be rejected, and the district be permitted to do the work by day labor.

K. E. Parker Co., 135 South St., San Francisco, at $45,892, submitted low bid December 9.

Wallace B. Boggs, Chief Engineer.

BIDS OPENED

ALAMEDA, Alameda Co., Calif.—Airport Sheet Metal Works, 4339 E. 14th St., Oakland, at $1,162 on 26-gauge galvanized iron, and at $1,673 on copper gutter drain, submitted low bids to the Alameda City Council, D. E. Dyer, City Clerk, for repairing the gutters around the roof of the City Hall.

Complete bids follow:

Airport Sheet Metal Works, Oakland—galvanized iron, $1,162; copper, $1,673.

Melrose Sheet Metal Works, Oakland—galvanized iron, 26-gauge, $1,860; 22-gauge, $1,895; copper, $2,385.

Charles Smith, Alameda—galvanized iron, $1,806; copper, $2,304.50.

Bids referred to City Engineer George Sperbeck.

Plans Being Prepared

CITY & COUNTY BUILDING Cost, $65,000

TAFT, Kern Co., Calif.—Center St. and County Highway.

One-story Spanish type city and county building (161x239 ft), to house fire department (dormitory to accommodate 15 firemen, dining and recreation rooms, kitchen, showers, etc.), police department, sheriff's office, county probation office, jail (6 cell blocks, matron's quarters, detention rooms), courtroom, justice of the peace and constable's offices, and welfare offices.

Owner—County of Kern and City of Taft (E. C. Emmons, mayor).

Architect—Office of Edward J. Symmes, Haberfelde Bldg., Bakersfield.

Plans Being Prepared

CITY HALL Cost, $60,000

SANTA CRUZ, Santa Cruz Co., Calif. Church and Locust Streets.

One- and two-story reinforced concrete City Hall (second and third units), to house offices of city engineer, building and plumbing inspectors, council chamber, and police court and committee chambers.

Owner—City of Santa Cruz (C. D. Hinkle, Mayor).

Architect—C. J. Ryland, Box 790, Monterey.

The city will file application with the PWA for a grant of 45% and a loan of 55% of the cost. Plans and specifications for construction of the first unit, housing the mayor's offices, water department, police department, and jail, are awaiting approval of the PWA, and bids will be called shortly.

14— RESIDENCES

Sub Contracts Awarded

RESIDENCES Cost, $13,155

SANTA CLARA, Calif. W. View St. and N. California St.

Four one-story frame and stucco bungalows; four one-story frame garages.

Owner—John E. Kinney.

Architect — Albert W. Burgren, 30 Woodland Ave., San Francisco.

Contractor—Raymond W. True, 465 View St., Mountain View.

Plumbing—George W. Sohler, 550 California St., and Victor Schurra, 1349 Snow St., Mountain View.

Electric Wiring—Pritchett Electric Co., 147 Castro St., Mountain View.

Heating & Sheet Metal—George Bagley, Redwood City.

Glass, Lumber & Mill Work—Minton Lumber Co., 599 Front St., Mountain View.

Hardwood Floors—Aronsen Floor Co., Box 272-A, Mountain View.

Brick & Stone Work—C. Mezzapelli, 343 Hawthorne St., Palo Alto.

Painting—B. Fisher, Mountain View.
Lathing & Plastering—Wm. C. Davis, 544 Hope St., Mountain View.

Plans Being Figured—Bids Close December 24, 4 P. M.
RESIDENCE Cost, $.....
TURLOCK, Stanislaus Co., Calif.
One-story frame and stucco residence (7 rooms, 2 baths) shingle roof, hardwood floors, tile baths, oil furnaces, steel sash, etc.
Owner—A. T. Powell.
Architect—G. N. Hilburn, Bomberger Bldg., Modesto.

Contract Awarded
RESIDENCE Cost, $13,358
SAN FRANCISCO. Marina Blvd. and Fillmore Street.
Two - story and basement frame and stucco residence.
Owner—Margareta B. May, 1808 Pacific Avenue.
Architect—Francis E. Lloyd, 360 Pine Street.
Contractor — Frank S. Marshall, 909 Ashbury Street.

Bids Wanted — To Close December 28, 5 P. M.
RESIDENCE Cost, $5,000
MENLO PARK, San Mateo Co., Cal.
One-story California ranch house, hardwood floors, tile baths, etc.
Owner—Name Withheld.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Following are figuring plans:
A. E. Orton, 151 Harriet Ave., Palo Alto.
Vance M. Brown, 1226 Middlefield Rd., Palo Alto.
Schilder & Da Mant, 137 Donohue St., Palo Alto.

Bids Wanted — To Close January 4, 5 P. M.
RESIDENCE Cost, $7,000
SAN MATEO CO., Belle Monti Country Club Tract, near Belmont.
Two-story frame California ranch house, tile and shake roof, hardwood floors, tile baths, gas floor furnace, etc.
Owner—Name Withheld.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Following are figuring plans:
A. E. Orton, 151 Harriet Ave., Palo Alto.
Vance M. Brown, 1226 Middlefield Rd., Palo Alto.
Schilder & Da Mant, 137 Donohue St., Palo Alto.

Preparing Preliminary Plans
RANCH HOUSE Cost, $.....
NEAR EUGENE, Oregon.
Two-story frame modern ranch house (10 rooms), swimming pool, tennis courts, guest house on 1,500-acre ranch; also cattle corrals, stables, hog houses, etc.
Owner—Name Withheld.
Architect—Richard J. Neutra, 251 Kearny St., San Francisco.

Contract Awarded
RESIDENCE Cost, $9,000
BURLINGAME HILLS, San Mateo Co., Calif.
One-story frame and stucco residence (8 rooms, 3 baths), Colonial style, shake roof, hot air furnace, wood sash, hardwood floors, tile baths, plaster walls and ceilings, detached garage.
Owner—R. Dean.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Herman T. Holsher, 325 Elm St., San Mateo.

Plans Completed — Owner to Take Bids
RESIDENCE Cost, $.....
BURLINGAME HILLS, San Mateo Co., Calif.
Two-story frame and stucco residence, some brick veneer, shake roof, quarry tile in bathroom and kitchen, California Colonial style, detached garage.
Owner—Name withheld, care Architect.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 123 Sonia Street.
One-story frame and stucco residence (6 rooms); garage.
Owner & Builder—Chas. E. Bardwell, Jr., 5910 Acacia Ave., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. 5926 Margarido Drive.
Two-story frame and stucco residence (7 rooms); garage.
Owner—Roy H. Montague.
Architect—Not Given.
Contractor — Paul H. Haller, 6221 Buena Vista Avenue.

Contract Awarded
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Calif. 2950 El Monti St.
One-story frame and stucco residence.
Owner—S. R. Triplett.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Contractor—Parsons & Williams, 2262 80th Ave., Oakland.

Preparing Preliminary Plans
DUPLEX RESIDENCES Cost, $24,000
BAYWOOD PARK, San Mateo Co., Calif.
Two two-story frame and stucco duplex residences (5 rooms each apt.), Calif. Monterey style, shake roof, rustic siding, tile baths, hardwood floors, gas warm air furnace.
Owner—Name withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Bids In—Under Advisement.
RESIDENCE Cost, $.....
PIEDMONT, Alameda Co., Calif. St. James Wood.
Two - story frame and stucco residence.
Owner—Withheld.
Architect—Miller and Warnecke, Financial Center Bldg., Oakland.
Announcement will be made shortly.

To Be Done By Day's Work
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Calif.
Two - story frame and brick veneer residence (9 rooms and 2 baths) shake roof, hardwood floors, tile baths, plaster walls and ceilings, gas fired warm air heating system, garage.
Owner and Builder—Ralph J. Boomer, 5700 Merriewood Dr., Oakland.
Architect—Walter C. Clifford, 310 Locust St., San Francisco.

Contract Awarded
RESIDENCE Cost, $21,000
WOODLAND, Yolo Co., Cal. West Keystone St. and Hollister Road.
Two - story frame and stucco residence (90x60-ft.) Spanish type.
Owner—H. Lee Wilson.
Architect—Not Given.
Contractor—J. G. Motroni, Box 537, Woodland.

Contract Awarded
RESIDENCE Cost, $7,000
SAN FRANCISCO, Calif. Woodland and Parnassus Aves.
Two-story and basement frame and stucco residence.
Owner—Dr. H. Darling, 909 Hyde St.
Architect—Richard Neutra, 251 Kearny St.
Contractor—Adolf Strate, 190 Moneta Way.

Contract Awarded
FLATS Cost, $12,500
SAN FRANCISCO, Calif. Casa Way and Retiro Way.
Two-story frame and stucco flat building.
Owner—L. Pedersen, 1750 Bay St.
Architect—Not Given.
Contractor—P. P. Johnson, 1750 Bay St.

Sub Contracts Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO. Bay and Hyde Streets.
Two-story and basement frame and stucco residence.
Owner—J. M. Hamill, care Architect.
Architect—W. W. Wurster, 260 California St.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St.
Mill—Davis Hardwood Co., Bay and Mission Sts., San Francisco.
Heating—Aladdin Heating Corp., 5107 Broadway, Oakland.
Stairs—E. D. Philbrick Co., 41 Sheridan St., San Francisco.
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.

Contract Awarded
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Calif. 238 Sandringham Road.
Two-story frame and stucco residence (8 rooms).
Owner—Harry H. Polse, care Architect.
Architect—John B. Anthony, 2014 Shattuck Ave.
Contractor—S. N. Shapero, 2014 Shattuck Ave.

Contract Awarded
RESIDENCE Cost, $8,000
SAN JOSE, Santa Clara Co., Calif. 682 S. 13th St.
One-story frame and stucco residence (6 rooms).
Owner—Dr. L. S. Whitaker, St. Claire Bldg., San Jose.
Architect—Not Given.
Contractor—H. L. Wold, 1130 N. 2nd St., San Jose.

Plans Being Prepared — To Take Segregated Bids
RESIDENCES Cost, $.....
CARMEL, Monterey Co., Calif.
Three 1-story residences (6 rooms, 2 baths each), frame and stucco constr., shake roof, oak floors, double hung windows, central heating plant, etc.
Owner—Mr. Catherwood, Carmel.
Architect—Milton Latham, Carmel.
Mr. Latham is interested in receiving written estimates on and catalogs of inexpensive hot air furnaces and plumbing fixtures.

Bids In—Held Under Advisement
RESIDENCE Cost, $4,000
SAN BRUNO, San Mateo Co., Calif.
One-story frame and stucco residence (5 rooms), Monterey style, gas hot air furnace, hardwood floors, tile baths, garage.
Owner — Mr. Wolbert, care Architect.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Announcement will be made shortly.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO, Calif. NW Clarendon and Stanyan Sts.
Two-story frame and stucco residence.
Owner—Wm. F. Adams, care Contractor.

Architect — Maybeck, Howard & White, Russ Bldg.
Contractor—J. Prout, 2530 Fillmore St.

Plans Completed
RESIDENCE Cost, $8,000
BURLINGAME, San Mateo Co., Cal. Hillside Drive.
Two-story and basement frame residence (7 rooms, 2 baths), modern style, hardwood interior finishes, teakwood floors, gas and hot air furnace, wood sash, pressed wood in baths.
Owner—Nelson Jones.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Owner will take bids shortly.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
SAN FRANCISCO, Calif. Maywood and Yerba Buena Drive.
One-story and basement frame and stucco residence, garage.
Owner & Builder—Paul A. Wolter. Jr., 190 Maywood Drive.
Architect—Not Given.

Preparing Preliminary Plans
RESIDENCE Cost, $4,500
WALNUT CREEK, Contra Costa Co., Calif.
One-story frame and stucco residence (5 rooms, 1 bath), hardwood floors, tile bath, etc.
Owner—Name Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Figured — Bids Close December 23, 2 P. M.
RESIDENCE Cost, $7,600
BERKELEY, Alameda Co., Cal. No. Berkeley District.
Two-story frame and stucco residence (6 rooms, 1 bath), shingled roof, hot air gas fired furnace, hardwood floors, tile bath, garage.
Owner—Name Withheld.
Architect — Chas. W. McCall, 1404 Franklin St., Oakland.
Following are figuring plans:
Albert A. Haskell, 255 Ridgway Ave.
Olaf Petersen, 3626 Rhoda Ave.
Bertram Booth, 375 Euclid Ave.
(All of Oakland.)

Bids Wanted — To Close December 23 5 P. M.
RESIDENCE Cost, $.....
ROSS, Marin Co., Calif.
Two-story frame residence, gas heat, oak floors, wood sash, composition roof, wood exterior, four baths.
Owner—Moya Del Pino, Ross.
Architect—Gardner A. Dailey, 210 Post St., San Francisco.
Following are figuring plans:
H. H. Larsen, 64 S. Park Ave., San Francisco.
A. F. Mattock Co., 212 Clara St., San Francisco.
Charles Stockholm & Sons, 235 Montgomery St., San Francisco.
Otis H. Smith, 201 San Anselmo Ave., San Anselmo.

Bids In—Held Under Advisement
RESIDENCE Cost, $.....
SAN RAFAEL, Marin Co., Calif.
Two-story frame and stucco residence (6 rooms), garage, hardwood floors, tile bath, modernistic style.
Owner—Louis Becker.
Architect — William I. Garren, 233 Post St., San Francisco.

Sub Contracts Awarded
ALTERATIONS Cost, $4,500
PIEDMONT, Alameda Co., Calif. 209 Carmel Avenue.
Alterations to residence.
Owner — J. B. Johnson, 209 Carmel Ave., Piedmont.
Architect — A. Froberg, 1955 Webster St., Oakland.
Contractor—Charles W. Nielsen, 849 Athens Ave., Oakland.
Roofing—C. E. Vincent, 2362 Courtland Ave., Oakland.
Plumbing—Madden Plumbing & Htg. Co., 3121 San Pablo Avenue, Oakland.
Electric Wiring—Calif. Electric Co., Ltd., 1125 Oak St., Oakland.
Heating & Sheet Metal—Ideal Heating Co., 5506 San Pablo Avenue, Oakland.
Tile Work—Rigney Tile Co., 3012 Harris St., Oakland.
Door Glass & Sash—Western Door & Sash Co., Fifth and Cypress Sts., Oakland.
Hardwood Floors — Rex Floor Co., 2468 65th Ave., Oakland.
Lumber & Mill Work—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.
Painting—Turgeon Painting Co., 2059 Webster St., Oakland.
Lathing & Plastering—Frank M. Calusen, 3124 Chestnut St., Oakland.
(All of Oakland.)

Bids In—Held Under Advisement
RESIDENCE Cost, $8,000
SAN MATEO, San Mateo Co., Calif. San Mateo Park.
One-story frame and stucco residence (6 rooms, 2 baths), gas hot air heating system, Spanish style, hardwood floors, tile baths, garage.
Owner—Name withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Announcement will be made shortly.

Contract Awarded
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 1488 Hamilton Avenue.
Two - story frame and stucco residence and garage.
Owner—M. I. Jankowsky, 1475 Hamilton Ave., Palo Alto.
Architect—Hertska & Knowles, 369 Pine St., San Francisco.
Contractor—Aro & Okerman, Box 433 Palo Alto.

Contract Awarded
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Cal. 20 Northgate Street.
One - story frame and stucco residence (96 rooms).
Owner—Mrs. Hassid, 1622 Santa Barbara St., Berkeley.
Architect—F. Confer, 3149 Claremont Ave., Berkeley.
Contractor—C. M. Teigland 4607 Harbor Drive, Berkeley.

Bids Rejected—Plans Being Revised
RESIDENCE Cost, $6,000
WATSONVILLE, Santa Cruz County, Calif.
Two - story frame and stucco residence (7 rooms, 1 bath) shingle roof, hardwood floors, wood sash, an oil burner heating system will be installed later.
Owner—Mr. Mozingo.
Architect—Chas. E. Butner, 51 Maple Street, Salinas.
New bids will be asked shortly.

Owner Taking Bids
DUPLEX RESIDENCE Cost, $10,000
SAN FRANCISCO, Calif. Jones St., near Union St.
Two and one-half story duplex residence; one apartment of 2 rooms and bath and one apartment of 4 rooms and bath; flat composition roof, wood and metal sash, hardwood floors, tile baths, oil burning furnace, garages.
Owner—Fred W. Kolb, Monadnock Bldg., San Francisco.

Preparing Working Drawings
RESIDENCE Cost, $5,000
LAFAYETTE, Contra Costa County.
One - story frame and stucco residence (4 rooms), shingle roof, oil heating system, linoleum in bath, wood sash, wall board interior finish, garage.
Owner—F. M. Munson.
Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.
Bids will be asked in about two weeks.

Sub Contracts Awarded
RESIDENCE Cont. Pr., $12,273
SAN FRANCISCO. Green and Divisadero Streets.
Two - story and basement frame and stucco residence and garage.
Owner—Gunther W. Nagel, 2341 Vallejo Street.
Architect — Houghton Sawyer, 337 17th St., Oakland.
Contractor—Moore & Roberts, 693 Mission St.
Excavations—Max Rosenberg, 58 Merlin St., San Francisco.
Sheet Metal—Atlas Heating & Ventilating Co., 557 Fourth St., San Francisco.
Stairs—Ed. Philbrick, 41 Sheridan St., San Francisco.
Lumber—Smith Lumber Co., 4th and Channel Sts., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,000
MARIN CO., Calif. Lot 59, Bayside Acres.
Two-story and basement frame and stucco residence (six rooms, one bath), composition shingle roof, hot air oil burning furnace, plaster walls and ceilings, wood sash, tile wainscoting in bath, cement floor in basement and storeroom, hot water heater, garage.
Owner—George H. Alpers, San Francisco.
Architect—Johnson & Wethered, 730 Sir Francis Drake Hotel, San Francisco.
Contractor — Leibert & Trobock, San Rafael.

Preparing Preliminary Plans
RESIDENCE Cost, $7,000
ANTIOCH, Contra Costa Co., Calif.
Two-story frame and stucco residence (6 rooms, 1 bath), composition roof, plaster walls and ceilings, wood sash, hardwood floors, tile bath, modern style, garage.
Owner—Dr. Nivius, care Architect.
Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.

Plans Being Figured
RESIDENCE Cost, $7,500
STOCKTON, San Joaquin Co., Calif. Oxford Manor.
Two - story frame and stucco residence (7 rooms, 2 baths and lavatory), tile baths, hardwood floors, gas furnace, steel sash, tile roof.
Owner—D. G. Miller.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.
New bids are being taken on the work and will close in about one week.

Contract Awarded
RESIDENCE Cost, $13,500
SAN MATEO, San Mateo Co., Calif. Lot 13 Blk 15, Parrott Drive and Harvard Street.
Two - story frame and stucco residence.
Owner—L. E. Rodgers, 243 Irving St., San Mateo.
Architect—Not Given.
Contractor—Henry Voelker, 805 Winchester St., San Mateo.

Contract Awarded
RESIDENCES Cost, $4,500 each
ALAMEDA, Calif.
Four one-story frame and rustic residences, brick veneer finish, hardwood floors, tile baths, garages.

Owner—James F. Peck, care Architect.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—Herman Hewelcke, 990 Grosvenor St., Oakland.

Contract Awarded
RESIDENCE Cost, $6,300
VALLEJO, Solano Co., Calif.
One-story frame and stucco residence, garage.
Owner—W. R. Stephens, Vallejo.
Architect—Jas. T. Narbett, 462 31st St., Richmond.
Contractor—A. Erickson, 1304 Sutter St., Vallejo.

Owner Taking Bids
RESIDENCE Cost, $6,000
VALLEJO, Solano Co., Calif.
One-story frame and stucco residence (5 rooms, 1 bath), tile roof, hardwood floors, tile bath, floor furnace, garage.
Owner—R. B. Watson, 426 Wilson Ave., Vallejo.
Architect—Jas. T. Narbett, 462 31st St., Richmond.

To Be Done By Day's Work
RESIDENCE Cost, $4,500
RICHMOND, Alameda Co., Calif.
One-story frame and stucco residence (5 rooms, 1 bath), tile and composition roof, hardwood floors, tile bath, garage.
Owner & Builder—Fred Flowers, Richmond.
Architect—Jas. T. Narbett, 462 31st St., Richmond.

To Be Done By Day's Work
RESIDENCES Cost, $4,500 each
SAN FRANCISCO, Calif. Cecilia & Rivera Streets.
Six one-story and basement frame and stucco residences.
Owner & Builder—Jas. Arnott & Son, 633 Taraval St.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, Calif. Teresita Blvd. and Juanita Way.
Four two-story and basement frame and stucco residences.
Owner & Builder—Meyer Bros., 735 Portola Dr., San Francisco.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $13,500
SAN FRANCISCO, Calif. 2519 Broadway.
Three-story frame and stucco residence.
Owner—Herbert Sommer, care Architect.
Architect—Gardner Dailey, 210 Post St., San Francisco.
Contractor—Moore & Madsen, 557 Market St.

To Be Done By Day's Work
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, Calif. Rossi and Anza Streets.
Nine two-story and basement frame and stucco residences.
Owner & Builder—Ben Liebman, 3319 Fillmore St., San Francisco.
Plans By: Irvin W. Goldstine, 1200 Oak St., San Francisco.

Plans Being Figured
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Cal. Claremont Circle.
Two-story frame and stucco residence (7 rooms, 2 baths), shake roof, hardwood floors, tile baths, gas fired hot air furnace; Colonial style.
Owner—H. C. Stover.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Plans being figured by one contractor only.

BIDS OPENED
RESIDENCE Cost, $5,500
STOCKTON, San Joaquin Co., Calif.
One-story and part basement frame and stucco residence (five rooms, one bath), split shingle roofing, hardwood floors, linoleum floors in bathroom, gas floor furnace heat.
Owner—L. Biasotti, Stockton.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.
Low Bidder—Jack Toothacre, Rt. 4, Box 47-J, Stockton.
Complete bids follow:
Jack Toothacre, Stockton.....$5,989
H. W. Johnson, Stockton..... 5,995
Jack Scott, Stockton..... 6,034
Ecker Bros., Stockton..... 6,070
B. T. Parsons, Stockton..... 6,235

To Be Done By Day's Work
RESIDENCE Cost, $8,500
BERKELEY, Alameda Co., Cal. 430 Kentucky Street.
Two - story and basement frame and stucco residence and garage.
Owner and Builder—Gould Kane, 1665 Thousand Oaks, Berkeley.
Architect—B. R. Hardman, 2068 Allston Way, Berkeley.

Contract Awarded
ADDITION Cost, $6,500
BERKELEY, Alameda Co., Calif. 2710 Channing Way.
Addition to residence.
Owner—Gamma Delta Gamma, 2710 Channing Way.
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.
Contractor — J. R. Armstrong, 1311 Fleet Road, Berkeley.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 900 Carlston Ave.
Two-story frame and stucco residence (6 rooms); garage.
Owner—Eloise M. Hunt, 220 Highland Ave., Oakland.
Architect—Not Given.
Contractor—E. W. Dahl, 2901 56th Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $8,500
PALO ALTO, Santa Clara Co., Cal.
One - story frame and stucco residence and garage.
Owner—Como Montgomery, 537 Hamilton Ave., Palo Alto.
Architect—Not Given.
Contractor—W. F. Klay, Deckeroak Bldg., Palo Alto.

Contract Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO, Calif. Forest Hills.
Two-story frame and stucco residence (7 rooms, 2 baths), hardwood floors, tile baths, canvas walls, garage.
Owner—W. Withers.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—J. Filippo, 231 Bosworth St., San Francisco.

15— SCHOOLS

Bond Election Planned
SCHOOL Cost, $100,000
FOWLER, Fresno Co., Calif.
Academic building (10-room) and auditorium to seat 650.
Owner—Fowler Elementary School District (W. T. Dice, Clerk).
Architect—Chas. H. Franklin, 416 T. W. Patterson Bldg., Fresno.
Application has been filed with the PWA for a grant of $45,000.
A bond election will be held to vote the balance of the funds.

LOW BIDDER
BRAWLEY, Imperial Co., Calif.—Pinkerton & Jameson, 118 E Sixth St., Corona, at $76,500 submitted low bid to Brawley Union High School District for the erection of a two-story reinforced conc. science bldg. on the high school site in Brawley, a PWA project. Architect H. L. Gogerty, 6272 Yucca St., Hollywood.

BOND ELECTION
KERN CO., Calif.—Lost Hills Sch. District will hold an election December 18 at which time it is proposed to vote bonds in the sum of $63,000, proceeds to be used to finance the construction of a new reinf. concrete school building. Perrine & Mackie, 908 Western Pacific Bldg., Los Angeles, architects.

CONTRACT AWARDED
TRACY, San Joaquin Co., Cal.—L. Ubels, Box 181, Ripon, at $872, was awarded contract by the Tracy Elementary School District, for alterations and additions to the South Elementary School building.
Complete bids follow:
L. Ubels, Ripon.....$ 872.00
C. L. Few, Modesto..... 990.00
Tornell Co., Tracy..... 1,022.50

To Ask Bids Shortly
SHOWER & LOCKER ROOMS Cost, $.....
MODESTO, Stanislaus County, Calif. (Roosevelt School).
One - story frame and stucco girls' shower and locker room building (57x70 feet) reinforced concrete foundations and floors, composition roofing, cement plaster.
Owner—Modesto City Board of Education (E. D. Abbott, Secretary) 14th and I Sts., Modesto.
Architect—John J. Donovan, 950 Parker St., Berkeley.
Approximately $14,000 is available for construction at this time.
A call for bids probably will be issued within one week.

BONDS INVALID
LINDSAY, Tulare Co., Calif. — Bonds voted by the Lindsay School District, to finance part of the cost of a new one-story steel and concrete building, to be erected at Lincoln junior high school site at Lindsay, are illegal because of a technical error in election procedure, and another bond election will be held to approve the $60,000 issue, according to Assistant District Attorney Leroy McCormick.
Cost of the PWA project is $116,000. A PWA grant in the sum of $52,200 has been authorized for the work.
Architect, H. L. Gogerty, Hollywood.

BIDS OPENED
CROCKETT, Contra Costa Co., Cal.—Karl S. Koller, Crockett, at $73,398, submitted the low bid to the Carquinez Grammar School District for the reconstruction of the center portion of the Carquinez Grammar School.
Engineers for the project are Dewell & Earl, 55 New Montgomery St., San Francisco.
Complete bids follow:
(1) Karl S. Koller, Crockett.....$73,398
(2) A. Nelson, Inc., San Francisco 74,937
(3) Monson Bros., San Francisco 76,200
(4) C. L. Wold Construction Co., San Francisco..... 77,471
(5) Fred J. Early, Jr., San Francisco 84,740
(6) B. A. Howkins & Co., San Francisco 88,824
PWA approved a grant of $40,201.
Bids will be referred to the PWA.

Bonds Voted
RECONSTRUCT AUDITORIUM
Cost, $96,000
CROCKETT, Contra Costa Co., Calif.
Reconstruction of auditorium at John Swett High School.
Owner—Crockett School District.
Architect—H. H. Guterson, 526 Powell St., San Francisco.
Egineer—Dewell and Earl, 55 New Montgomery St., San Francisco.

PWA has granted $133,526, representing 45% of the estimated cost of labor and materials for reconstruction of both auditorium and academic building.

Crockett School District on Dec. 11, voted bonds in the amount of $85,000 toassist in financing reconstruction of the buildings.

Bids will be asked in one week.

Bonds Voted.
RECONSTRUCTION
Cost, $200,000
CROCKETT, Contra Costa Co., Cal.
Reconstruction of Academic Building at John Swett High School.
Owner—Crockett School District.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Engineer—Dewell and Earl, 55 New Montgomery St., San Francisco.

PWA has granted $133,526, representing 45% of estimated cost of labor and materials for reconstruction of both Academic Building and Auditorium.

Crockett School District on Dec. 11 voted bonds in the amount of $85,000 to assist in financing reconstruction of the buildings.

Bids will be asked in one week.

Contract Awarded
ALTERATIONS Cont. Price, $8,592
ARDEN, Sacramento Co., Calif.
Alterations to classrooms and new steam heating system (new roof ceilings, windows, repairing plaster walls; repainting and refinishing rooms).
Owner — Arden Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—Lawrence Const. Co. 5372 Ninth Ave., Sacramento.

Bids were takenas follows:
(I) Work complete;
(Alt. 1) Add if two porches are added
(Alt. 2) Add if bus garage is added;
(Alt. 3) Deduct if motion picture booth is omitted;
(Alt. 4) Deductif kichen is omitted
(Alt. 5) Add if two classroms, cloak, rok roms are remodeled.
(Alt. 6) Deduct if heatig plant is omitted;
(Alt. 7) Deduct if 2 classrooms are not altered and all alteration work on roofs, porches, towers, etc., is omitted;
(Alt. 8) Deduct if new cross corridors only is omitted;
(Alt. 9) Deduct if interior finish of library is omitted.

Complete bids follow:
(A) Lawrence Const. Co. Sacramento
(B) Peterson & Steinbrenner, Sacramento.

	(A)	(B)
(I)	$11,327	$12,323
(Alt. 1)	508	464
(Alt. 2)	1,388	891
(Alt. 3)	317	358
(Alt. 4)	978	690
(Alt. 5)	590	498
(Alt. 6)	3,878	4,165
(Alt. 7)	5,509	7,358
(Alt. 8)	951	900
(Alt. 9)	489	383

Contract awarded on a basic bid of $11,327 accepting alternates 3, 4, 8 and 9.

PLANS COMPLETED
LOS ANGELES, Calif.—Architect Richard M. Bates, Jr., 3670 Wilshire Blvd., Los Angeles, announces that bids will be called for about December 18 by the Lowell Joint School District of Los Angeles and Orange counties for construction of a one-story reinf. concrete auditorium and repairs to classroom building at Lowell School, located three miles west of La Habra, a PWA project. Cost, $70,000.

BIDS REJECTED
KERN COUNTY, Cal.—Semitropic School District, Jess Arant, Clerk, rejected all bids for the construction of a one-story concrete school building in Kern County. Plans and specifications have been revised by Architect Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield, and have been approved by the State Division of Architecture. New bids will be asked shortly.

Following are complete bids:

R. Hodgson & Sons, 510 Second St., Porterville		$25,900
Alternate	(1)	23,500
	(2)	18,490
H. J. Hendricks, Bakersfield		26,000
Alternate	(1)	24,824
	(2)	14,448
J. A. Greenough, Bakersfield		26,447
Alternate	(1)	25,296
	(2)	18,423
Henry Eissler, Bakersfield		$ .....
Alternate	(1)	24,000
	(2)	18,500
Opperman & Co., Bakersfield		28,324
Alternate	(1)	25,692
	(2)	19,278
L. H. Hanson & Son Fresno		29,200
Alternate	(1)	26,900
	(2)	22,280

CONTRACTS AWARDED
SAN RAFAEL, Marin Co., Calif.—City of San Rafael awarded following contracts for concrete bulkhead work, etc.. on the grounds of the San Rafael Grammar School, 4th & E Streets. Plans prepared by Architect N. W. Sexton, deYoung Bldg., San Francisco.

Concrete Bulkhead and Sidewalk
F. J. Main, Fairfax $1,900
Yard Surfacing
F. J. Main, Fairfax ..... $ 500
Metal Fence
Anchor Post Fence Co. of Calif., 460 5th St., S. F. ..... $ 897

All bids for basement finishing work were rejected because of lack of available funds.

Planned
ADMINISTRATION BLDG. $6,500
VALLEJO, Solano Co., Calif. NW El Dorado and Ohio Streets.
New school administration building.
Owner—Vallejo Unified School District (Elmer L. Cave, Superintendent of Schools).
Architect—Not Given.

LOW BIDDER
ANAHEIM, Orange Co., Calif.—L. R. Wilson, Box 1193, Santa Ana, submitted low bid to Anaheim Union High School District, at $67,574 (accepting main bid with deductions under Alternates B, E and F), for a one-story Class A, reinf. concrete gymnasium to be erected at the Anaheim high school. Architect, T. C. Kistner, 814 Architects' Bldg., Los Angeles.

Preparing Heating & Ventilating Plans
SCHOOL Cost, $.....
EL CERRITO, Contra Costa Co., Cal.
New Junior High School.
Owner — Richmond Union High School District (Walter T. Helms, Supt. of Schools), Richmond.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Engineer—Leland & Haley, 58 Sutter St., San Francisco.

Engineers Leland & Haley are preparing plans for a heating and ventilating system for the new school.

CONTRACT AWARDED
SAN FRANCISCO.—B. F. Shearer Co., 243 Golden Gate Ave., at $621.25, awarded contract by the Department of Public Works, City Hall, under Spec. No. 5233, for roller type picture screen controlled with a counter weight and beam supports for same for the Girls' High School, Scott and O'Farrell Streets.

Contracts Awarded
RECONSTRUCTION Cost, $40,000
LIVERMORE, Alameda Co., Calif.
Reconstruction of the Livermore Elementary School.
Owner—Livermore School District.
Architect—H. H. Meyers, 2024 Central Ave., Alameda.
Structural Engineer—N. B. Green, 55 New Montgomery St., San Francisco.
Reinforcing Steel—Herrick Iron W'ks 1729 Campbell St., Oakland.
Structural Steel — Independent Iron Works, 821 Pine St., Oakland.

Work is being done with WPA labor.

CONTRACT AWARDED
ALHAMBRA, Los Angeles Co., Cal.—Steed Bros., 5 S. Stoneman Ave., Alhambra, awarded contract by the Alhambra board of education at $26,147 (subject to PWA approval) for construction of the Park school auditorium and rehabilitation of the present auditorium unit. John W. Smart, 39 E Main St., Alhambra, architect.

BOND ELECTION
OROSI, Tulare Co., Calif.—Orisi Union High School District will hold a bond election on January 8, 1937, in the amount of $30,000, proceeds to finance construction of a four-room addition to the Orosi High School. Preliminary plans prepared by Architect Fred Swartz, Brix Bldg., Fresno.

Planned
ADDITION Cost, $22,000
BAKERSFIELD, Kern Co., Calif.
Addition of four new classrooms to the Horace Mann Grammar Sch.
Owner—Horace Mann Grammar Sch. District.
Architect — Charles H. Biggar, 554 Haberfelde Bldg., Bakersfield.

CONTRACTS AWARDED
LOS ANGELES, Cal.—H. F. Miller, 1908 W 75th St., awarded contract by Los Angeles board of education at $116,918 (accepting addition under alternate which provides for demolition of existing academic buildings), for construction of a new reinforced concrete assembly building at Thos. Jefferson high school, 1319 East 38th Street. Architects, Morgan, Walls & Clements; Structural Engineer, Edwin F. Rudolph, Mechanical Engineer, E. L. Ellingwood and Acoustical Engineer, Michael Rettinger.

CONTRACT AWARDED
ANAHEIM, Orange Co., Cal.—L. R. Wilson, Box 1193, Santa Ana, awarded contract by Anaheim Union High School District at $67,574 (accepting main bid with deductions under Alternates B, E, and F) for a Class A reinforced concrete gymnasium to be erected at the Anaheim high school. Architect, T. C. Kistner, 814 Architect's Bldg., Los Angeles.

BIDS WANTED
TUCSON, Ariz.—Until December 29, 11 a.m., bids will be received by the University of Arizona at the office of Roy Place, architect, 11 E. Pennington St., Tucson, for the construction of a women's steel dormitory on the

University of Arizona campus, a PWA project. Plans and specifications may be obtained from the architect upon deposit of $25. Cost, $480,000.

Bonds Sold
ADDITION Cost, $20,000
SOLEDAD, Monterey Co., Calif.
Addition of two classrooms and enlarging auditorium (frame and stucco construction).
Owner — Mission Grammar School District.
Architect—Chas. E. Butner, 51 Maple St., Salinas.
Application has been filed with the PWA for a grant of 45% of the cost. A bond issue of $12,000 was sold December 7.

CONTRACT AWARDED
SAN FRANCISCO.—D. J. and T. Sullivan, 1942 Folsom St., at $205.50 awarded contract by the Department of Public Works, Room 251, City Hall under Spec. No. 5203, for moving two bungalows from Yerba Buena School Greenwich St. bet. Webster and Fillmore Streets, to John Swett School, McAllister Street bet. Franklin and Gough Streets.

NEW BIDS WANTED
LOS ANGELES, Calif.—Until December 29, 2 p.m., new bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a one-story reinf. concrete auditorium to be built at San Gabriel Avenue school, 8626 San Gabriel Ave., South Gate. W. J. Saunders, Architect; Aaron J. Smith, Structural Engineer, and O. W. Ott, Mechanical Engineer.

Bids Wanted — To Close January 5, 8:30 P. M.
RECONSTRUCT AUDITORIUM Cost, $115,000
CROCKETT, Contra Costa Co., Calif.
Reconstruction of auditorium and East cloister at John Swett High School.
Owner—Crockett School District.
Engineer—Dewell & Earl, 55 New Montgomery St., San Francisco.
PWA has granted $133,526, representing 45% of the estimated cost of labor and materials for reconstruction of both auditorium and academic building.
Crockett School District, on December 11, voted bonds in the amount of $85,000 to assist in financing reconstruction of the buildings.
Bids will be opened in the office of the School Board, John Swett Union High School.

Bids Wanted—To Close January 5th, 8 P. M.
RECONSTRUCTION Cost, $46,800
ALAMEDA, Alameda Co., Calif. Alameda Ave. bet. Oak and Walnut.
Reconstruct auditorium at the Porter School.
Owner—Alameda City School Dist.
Architect—Henry A. Minton, Underwood Bldg., San Francisco.
Structural Engineers — L. H. Nishkian, 525 Market St., and James Hamill, 381 Bush St., San Francisco.
PWA has approved grant of $21,060 to assist in financing and plans have been approved by State Division of Architecture.

BIDS OPENED
SAN FRANCISCO. — Wm. Allingham Co., 1257 Folsom St., at $21.60 per day, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. 5234, for sinking of eight test holes on the site of the proposed Lowell High School Gymnasium, SW corner of Masonic Ave. and Grove Street.
Only other bid submitted by J. B. Rogers & Co., San Francisco, at $35 per day.

16—BANKS, STORES AND OFFICES

Contract Awarded
OFFICES, ETC. Cost, $750,000
LOS ANGELES, Cal. Sunset Blvd. between Gower St. and El Centro Avenue.
Five-story Class A reinforced concrete office bldg. (40x120-ft.) 2-story studio bldg. (88x130-feet) music hall (85x135-ft.) to accommodate 1000 persons; air conditioning systems; passenger and freight elevators.
Owner—Columbia Broadcasting Co., 5939 Sunset Blvd., Los Angeles.
Architect—Wm. Lescaze, 211 E. 48th St., New York City, and Earl T. Heitschmidt, 808 Subway Terminal Bldg., Los Angeles.
Contractor—Wm. Simpson Const. Co. Architects' Bldg., Los Angeles.

Plans Being Prepared
BUSINESS BLDG. Cost, $.....
CARMEL, Monterey Co., Calif.
One-story frame and stucco business building (50x120).
Owner—Withheld.
Architect—Milton Latham, Carmel.

To Be Done By Day's Work
ALTERATIONS Cost, $20,000
SAN FRANCISCO, Calif. 824 Grant Ave.
Alterations to stores and apartments.
Owner—Wong Yow, 135 8th St., Oakland.
Architect—N. W. Sexton, 1602 de-Young Bldg.

Contract Awarded
MARKET BLDG. Cost, $22,000
RIVERSIDE, Calif. Main and 12th Sts.
One-story reinforced concrete market building (75x130 ft.), bond beams and front elevation beam with span of 68 feet, brick filler walls. composition roof, steel sash, concrete floors, accordion steel doors. mezzanine.
Owner—Elvin E. Webb
Architect—Not Given.
Contractor—T. C. Prichard, 5260 Magnolia Ave., Riverside.

To Be Done By Day's Work
ALTER RESTAURANT, ETC. Cost, $75,000
SAN FRANCISCO, Calif.
Alterations to the Cliff House and construction of museum adjoining same.
Owner & Builder—Whitney Brothers, 4800 Cabrillo St.
Architect—Not Given.
Construction will start the early part of next year.

Sub Contracts Awarded
MARKET Cont. Pr., $20,305
SACRAMENTO, Sacramento Co., Cal. Ninth and S Streets.
One - story frame and stucco drive-in market building, cement slab on ground floor (90x115 ft.).
Owner—Herman T. Davis.
Architect—Chas. F. Dean. California State Life Bldg., Sacramento.
Contractor—Peterson & Steinbrenner, 1116 O St., Sacramento.
Roofing—F. A. Clark, Rt. 1, Box 1888, Sacramento.
Sheet Metal—Frank Z. Ahl Sheet Metal Works, Inc., 2116 P St.
Glass—T. E. Cain, Inc., 2416 J St.
Iron Grille Work—Palm Iron Works, 15th and S Sts.
Lumber—Capital Lumber Co., P.O. Box 1176.
(All of Sacramento.)
As previously reported:
Electrical & Plumbing — Luppen & Hawley, 3126 J St., Sacramento.
Painting—R. Berrey.
Plastering—E. Summers, 3710 McKinley, Sacramento.

Contract Awarded
STORE BUILDING Cost, $6,000
SAN FRANCISCO, Calif. Mission St. and Geneva Ave.
Two-story frame store building.
Owner—Cresta Bros., 5098 Mission St.
Architect—Not Given.
Contractor — Baker & Wagner, 86 Fairfield St.

Completing Working Drawings
ALTERATIONS Cost, $25,000
MERCED, Merced Co., Calif.
Alterations and additions to 3-story bank and store building (complete renovation of 3rd floor; installation of elevators; heating and cooling systems; redecoration of building).
Owner—Judge Shafer, Merced.
Architect—H. H. Winner, Wordsworth Ave., Ross.
Lessee—First National Bank, Merced.

Contract Awarded
ALTERATIONS Cost, $3,500
RICHMOND, Alameda Co., Calif.
Alterations to store building.
Owner—Mr. Travalini.
Architect—Jas. T. Narbett, 462 31st St., Richmond.
Contractor—E. J. Freethy, 224 16th St., Richmond.

Contract Awarded
STORE Cost, $10,000
VISALIA, Tulare Co., Calif. Main St. and Encina Ave.
One-story reinf. concrete store bldg. (30x116 ft.).
Owner—Luke Bianco, 225 W. Main St., Visalia.
Architect—Judson Steele, Visalia.
Contractor—Thomas Penner, Fresno.

Bids Opened
STORE Cost, $.....
STOCKTON, San Joaquin Co., Calif. Pacific Avenue.
One - story reinforced concrete store building to contain four stores (4,000 sq. ft.).
Owner—N. Flor.
Architect—Peter Sala, 2130 N. Commerce St., Stockton.
Low Bidder—George Roek, 830 N. Pacific Ave., P.O. Box 783, Stockton.
Complete bids follow:
George Roek, Stockton.....$15,199
W. J. Scott, Stockton..... 15,498
Sam Eyre, Stockton..... 15,908
L. S. Peletz, Stockton..... 16,775
J. C. Meyers, Stockton..... 16,955

BIDS OPENED
OFFICE BLDG., ETC. Cost, $——
SAN JOSE, Santa Clara Co., Calif. 14th tnd Santa Clara.
Two-story frame and stucco building (doctor's offices on the first floor; 4-room apartment on second floor) hot air heat; tile and built-up gravel roof; steel sash; hardwood floors in apartment; linoleum floors in offices.
Owner—Mr. and Mrs. J. Pugle.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.
Low Bidder—M. W. Reese, 1210 Minnesota Ave., San Jose.
The low bids follow:
M. W. Reese, San Jose.....$ 9,870
W. H. Schwartz, San Jose..... 10,100
Henry Bolwin, San Jose..... 10,126

Contract Awarded
ALTERATIONS Cost, $5,400
BURLINGAME, San Mateo Co., Calif. 1296 Burlingame Ave.
Alterations to Downyflake Coffee Shop: enlarge to seat 102: mezzanine, offices, rest rooms, new counter stools and booths; air-conditioned.

Owner—Sam B. Rosenberg, Burlingame.
Plans by: Mangrum-Holbrook Co., 1233 Mission St., San Francisco.
Contractor—Mooney & MacDonald, 1473 Burlingame Ave., Burlingame.

Heating and Ventilating Bids Being Taken.
ALTERATIONS Cost, $25,000
EXETER, Tulare Co., Calif.
Alterations and additions to present bldg. for new branch bank (new bank fixtures, heating, plumbing, ventilating, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by the Construction Department of Owner.
About twelve days will be allowed for figuring the plans.

Plans Being Prepared
MERCANTILE BLDG. Cost, $30,000
MONTEREY, Monterey Co., Calif. Del Monte Avenue.
One-story and mezzanine mercantile building.
Owner—E. B. Gross, Monterey.
Architect—C. J. Ryland, Monterey & Carmel.

Planned
DRIVE-IN MARKET Cost, $35,000
PLACERVILLE, Eldorado Co., Calif. Bedford Ave. and Main St.
New drive-in market (40x100-ft.) and super service station.
Owner—Rudolph Volz.
Architect—Not Given.
Lessee Service Station—Richfield Oil Company.
Excavating contract has been let to J. R. Reeves, P. O. Box 1072, Sacramento.

Contract Awarded
STORE BLDG. Cost, $15,000
STOCKTON, San Joaquin Co., Calif. North Wilson Way.
One-story brick store building.
Owner—Anora A. Robinson.
Architect—Not Given.
Contractor—Lewis & Green, Bank of America Bldg., Stockton.

Contracts Awarded
ALTERATIONS Cost, $25,000
LODI, San Joaquin Co., Calif.
Alterations to the Farmers & Merchants Bank Bldg. (air conditioning, sound proofing, durable floors, rearrangement of counters, new vault, exterior and interior marble work).
Owner—Farmers & Merchants Bank, Lodi.
Architect—W. W. Harper, 251 Kearny St., San Francisco.
Contractor—Hieb Bros., 425 N. Sacramento St., Lodi.
Vault—Hermann Safe Co., Howard & Main Sts., San Francisco.
Electric Fixtures—Thomas Day Co., 51 Shipley St., San Francisco.
Marble — Vermont Marble Co., 525 Market St., San Francisco.
Bank Counters and Cabinet Work—Ostlund & Johnson, 1901 Bryant St., San Francisco.
Bronze—McNeill-Steinberg Mfg. Co., 36 Clyde St., San Francisco.
Acoustical Treatment — Western Asbestos Co., 675 Townsend St.
Air Conditioning—Edward B. Ward & Co., 270 Fremont St.

17— THEATRES

Sub Contract Awarded
THEATRE Contr. Pr., $48,573
NAPA, Napa Co., Calif. Franklin & Third Streets.
One-story Class C steel frame Uptown Theatre Building (to seat 1,300).
Owner — Realty Finance Corporation, 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 64 Pine St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Excavations—R. B. Mollison, 621 Porter St., Vallejo.

BIDS WANTED
LOS ANGELES, Calif.—Until Dec. 28, 12 Noon, bids will be received by Architect C. A. Balch, 1914 South Vermont Ave., for two buildings to be erected on the northwest corner of Pico and La Cienega Blvds., for the Pacific States Theaters, Inc. The work consists of a reinforced concrete building to contain a 900-seat theatre with mezzanine lounge and rest rooms, foru store rooms and a bank to be occupied by the Bank of America and a wood frame and stucco building containing 2 store rooms. Site 130x213-ft.

Additional Sub Contracts Awarded
THEATRE Cont. Pr., $36,695
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120 feet), air conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichman, 321 Bush Street, San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Glass—Habenicht & Howlett, 529 Clay St., San Francisco.
Trusses—Arch Rib Truss Co., 1434 N. Genesee St., Los Angeles.
Misc. Iron—Kyle & Company, West's Lane, Stockton.
As previously reported: Reinforced steel, Dick Richards, 3422 Piedmont Ave., Oakland; plaster, Thomas F. Scollan Co., 2919 T St., Sacramento; steel sash contract awarded to Detroit Steel Products Co., 111 Sutter Street, San Francisco; marquise frame to Mortenson Const. Co., 19th and Indiana Sts., San Francisco; lumber, cement and concrete aggregates to Diamond Match Co., Chico.

19—MISC. CONSTRUCTION

NOTICE OF SALE
PLUMAS CO., Calif.—Until December 15, 3 p.m., bids will be received by F. W. Haselwood, District Engineer, Division of Highways, Redding, for the sale of the following buildings:
Building No. 1—5-room dwelling, 24x30 ft.
Building No. 2—4-room dwelling, 24x30 ft.
Building No. 3—4-room dwelling, 24x30 ft.
Building No. 4—2-room dwelling, 12x24 ft.
Building No. 5—4-room dwelling, 20x24 ft.
Building No. 6—3-room dwelling, 18x24 ft.
Building No. 7—3-room dwelling, 18x24 ft.
Building No. 8—3-room dwelling, 18x24 ft.
Building No. 9—3-room dwelling, 18x24 ft.
Building No. 10—3-room dwelling, 18x24 ft.
Building No. 11—3-room dwelling, 18x20 ft.
Building No. 12—3-room dwelling, 22x24 ft.
Houses Nos. 1 to 5, inclusive, are located on the property of J. N. Stephan. Houses Nos. 6 to 12, inclusive, are located on the property of H. Hollye. All are at site of Free Camp No. 28, about one mile east of Virgilia, Plumas County.
Building No. 13—2-story bunkhouse, 19 ft. 6 in. x 38 ft.
Building No. 14—2-story bunkhouse, 19 ft. 6 in. x 38 ft.
Building No. 15—2-story bunkhouse, 19 ft. 6 in. x 38 ft.
Houses 13, 14 and 15 are located at Rich, Plumas County, on property of Gust Berg. These three structures are connected by passageways.
All buildings are of frame construction, with corrugated iron, or composition, roofing.
All buildings may be inspected at points indicated, or by getting in touch with the Camp Superintendent at Construction Camp No. 30, which is located about 4 miles east of Pulga, Plumas County.

CONTRACT AWARDED
OLEUM, Contra Costa Co., Calif.—Alcorn Combustion Co., Philadelphia, at $58,192, awarded contract by the Union Oil Co. for furnishing a double end sloping roof fired tubular heater for Unit 67 at the Oleum Refinery.

CONTRACT AWARDED
SAN FRANCISCO, Calif.—J. Harold Johnson, 639 Brannan Street, at $658, awarded contract by the Department of Public Works, City Hall, under Spec. No. 5187, for alterations to Room 336, City Hall. Estimated cost, $1,250. Work consists of lathing and plastering partitions, shelving, benches, miscellaneous plumbing; size of room, 17x7 feet.

PLANNED
LOS ANGELES, Cal.—Approval by the voters of Los Angeles of Charter Amendment 1-A Dec. 8 has paved the way for the acquisition by the water and Power Department of the electrical lines of the Los Angeles Gas and Electric Corp. for a total of $46,340,000, the appraised valuation of the corporation's electrical properties Some form of bonds will be issued to provide funds for the purchase, probably revenue bonds to be repaid from the earnings of the department's sale of electrical energy. The purchase will involve much labor and material to effect the consolidation of the two systems but offcials of the water and power department expect that once the corporation's lines have been acquired and placed in operation that many economies will be possible. They have estimated savings will enable them to establish a $1,250,000 rate reduction.

CONTRACT AWARDED
SAN FRANCISCO.—San Francisco Elevator Co., 860 Folsom St., at $100.26, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 5199, for furnishing and installing an iron hoisting cable on passenger elevator No. 8, County Jail No. 1, and iron governor cable on passenger elevator No. 7, Hall of Justice, both located at Kearny and Washington Streets.

BIDS OPENED
SAN FRANCISCO.—A. Quandt & Sons, 374 Guerrero St., at $375, submitted low bid to the Public Utilities Commission, Room 287, City Hall, for waterproofing and painting exterior walls and foundations of the Crystal Springs Pump Station.
Complete bids follow:

A. Quandt & Sons	$375
J. A. Moore	397
A. E. Gorden Painting Co.	495
Aristo Painting Co.	785

Bids In—Held Under Advisement
ADDITION & ALTERATIONS Cost, $35,000
SAN FRANCISCO. 777 Valencia St.
Additions and alterations to existing mortuary building (new chapel, slumber rooms, lobby, offices, service rooms).
Owner—Gantner & Mason, 777 Valencia Street.
Architect — Chas. F. Strothoff, 2274 15th Street.
An announcement will be made shortly.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SAN FRANCISCO.—Until December 21, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-102, for furnishing 40 survey markers and one pattern for the markers.

Delivery f.o.b. Room 121, Custom House, San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until December 21, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-99, for furnishing one propeller shaft and one dredge pump shaft for the U. S. Dredge, A. Mackenzie.

Delivery f.o.b. San Francisco.

Specifications obtainable from the above office.

FORT McDOWELL.—Until December 24, 11 a.m., bids will be received by the Quartermaster, Fort McDowell, under Bid No. QM 536-37-19, for furnishing 12,000 gals. asphalt emulsion, steel conduit, wire, tape, fuses, body plug attachments, and hacksaw blades, etc.

Delivery f.o.b. Pier No. 1, Fort Mason.

Specifications obtainable from the above office and from the office of the San Francisco General Depot, Fort Mason.

SAN FRANCISCO.—Until December 22, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-100, for furnishing 6,000 lbs. white cotton rags, 1,200 lbs. colored cotton rags, and 3,000 lbs. white cotton waste.

Delivery f.o.b. San Francisco waterfront.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until December 21, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-103, for furnishing 900 ft. high grade plow steel wire rope.

Delivery f.o.b. Pier 3½, San Francisco waterfront.

Specifications obtainable from the above office.

SAN FRANCISCO.Until Dec. 22, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-104, for furnishing four lavatories, 8 water closets, and four urinals.

Delivery fob Fort Funston.

Specifications obtainable from the above office.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Dec. 21 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. 928-37-195, for furnishing flue and vent pipe, fittings, roofing, paint, sheet steel, portland cement, crushed rock, river sand, ponderosa pine lumber, Douglas fir lumber and Redwood lumber, etc.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Dec. 22, 11 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. W 6616-37-52, for furnishing sinks, lavatories, and toilet bowls.

Delivery fob Fort Baker.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Dec. 22, 11 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. 928-37-196, for furnishing 200 lin. yds. cotton duck.

Specifications obtainable from the above office.

FORT LEWIS, Wash.—Until Dec. 22, 10 a.m., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-24, for furnishing barbed wire, single steel gates, common nails, pipe, staples, steel, screws, outlet boxes and covers, cable, etc.

Specifications obtainable from the above office.

FORT PECK, Montana.—Until January 5, 11 a.m., bids will be received by the U. S. Engineer Office, 707 Postal Telegraph Bldg., Kansas City, Mo., for furnishing mechanical operating machinery for 16 spillway gates; electrical equipment for spillway substation, and for spillway gate operating machinery, for the Fort Peck Dam, on the Missouri River about 25 miles southeast of Glasgow, Mont.

Specifications obtainable from the above office upon deposit of $50.

SACRAMENTO, Cal.—Until Dec. 21 2 P. M., bids will be received by Maj. A. W. Parker, Constructing Quartermaster, Sacramento Air Depot, Old Post Office Terminal Bldg., Sacramento, for the rental of two grading units, each consisting of one tractor, 75-h.p. caterpillar type, and one 12-yard scraper, carryall type, for use for grading purposes at the site of the new Army Corps Supply Depot near North Sacramento.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE. — Until December 23, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3205, for furnishing miscellaneous supplies and equipment, including: Structural Steel Channels, Steel Rotating Shelving Units, Insulation-shearing Machine, Vacuum Cleaner, Motor Track Cars, Commutator Undercutter, Commutator Truing Device, Paint Cans, Enamel, Chromo Green, White Lead, Shellac, Lacquer, Turpentine, Volatile Mineral Spirits (Paint Thinner), Linseed Oil, Alcohol, Creosote Oil, Lard Oil, Cup Grease, Sulphuric Acid, Aluminum Sulphate, Rosin, Roofing Felt, and Corkboard.

Specifications obtainable from the above office and from the Assistant Purchasing Officer, The Panama Canal, Fort Mason, San Francisco.

EAST BAY UTILITY DIST.

OAKLAND. — Until December 23, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 6th St., Oakland, under Proposal No. 825, for furnishing 10,000 l.f. of 6-in. cast-iron pipe.

Specifications obtainable from the above office.

The date of opening bids was previously reported incorrectly as December 25.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

DECEMBER 21, 10 A. M.:

BID NO. 3037: 1315 pieces reinforcing steel bars; fob 7th and G Sts. Petaluma;

BID NO. 3036: Malleable steel rods, plates, washers, blocks, etc.; fob Frazier Bridge near Ukiah;

BID NO. 3039: 70,000 FBM Oregon pine lumber; fob 1155 Page St., San Francisco.

DECEMBER 22, 10 A. M.:

BID NO. 3035: Junction boxes, cable, conduit, etc.; fob Nicholl Pk., 33rd St. and McDonald Avenue, Richmond;

BID NO. 3038: 316 rolls 19-in. salvage edge mineral surface capsheet roofing; fob Fruitridge School, Sacramento County;

BID NO. 3042: 500 sacks portland cement; fob 7th and G Sts., Petaluma.

DECEMBER 23, 10 A. M.:

BID NO. 3028: 6,000 l.f. welded steel pipe, cement lined; fob East Bay Municipal Utility District Yard, 6th and Harrison Sts., Berkeley.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Dec. 23, 10 A. M., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for rental of equipment for use on WPA projects as follows:

BID NO. 3030: One 1½-ton truck, capable of transporting 25 men and to be used to haul men and materials to and from jobsites; fob Redding;

BID NO. 3031: One 1½-ton truck, capable of transporting 25 men and to be used to haul men and materials to and from jobsites; fob Red Bluff.

Specifications obtainable from the above office.

CALIFORNIA STATE

SACRAMENTO. — Until December 30, 3 p.m., bids will be received by R. H. Stalnaker, Equipment Engineer, Division of Highways, 1805 34th St., Sacramento, for the sale of the following equipment:

At Equipment Dept. Shop, 1805 34th St., Sacramento:

CHC 3567 Truck—3½-ton, FWD chassis, pneu. tires, Mod. CU6, 1930.

CHC 105 & 106—Snow Plow; Western "V" type, for motor-graders.

CHC 90 Snow Plow; Baker Mod. 17, speed type, for CU6 FWD truck.

CHC 208 Drill; for rock; Cochise; Jack-hammer type.

CHC 235 Drill; for rock; Gardner-Denver; Jack-hammer type.

CHC 415 Grader; Austin 8 Mammoth Jr., L.W., S. rubber tires.

Two Pumps—3-in. Vertical-Drive; Centrifugal type, also shafting and miscellaneous pump accessories.

Two Motors—5 hp, A.C. Electric; 3-phase, 60-cycle, 220-v., 1800 r.p.m., also miscellaneous accessories.

One Switch; float type; G. E., CR 2931—MDL 550-v.

Approx. 73 Fire Extinguishers — 1-quart capacity, hand operated.

Lot Motorcycle tools — Miscellaneous, for shop use.

At Division of Highway's Yard, 1200 S. Wilson Way, Stockton:

CHC 170 Kettle for Asphalt—110-gallon, 2-wheel, rubber-tired, with pump and spray.

CHC 395 Grader, 8-ft. Gallon, L.W., S. rubber tires.

CHC 395 Grader, 8-ft. Gallon, L.W., S. Rubber tires.

CHC 435 Grader, 8-ft. Gallon, L.W., S. Rubber tires.

CHC 436 Grader, 8-ft. Gallon, L.W., S. Rubber tires.

CHC 437 Grader, 8-ft. Gallon, L.W.,

On West Side of State Highway, immediately South of Stanislaus River Bridge — South of Ripon:

Structural Steel — "I" Beam; 22 ft. long, 24 in. deep, 3-in. flanges.

Structural Steel—Channel 30 feet long, 15 in. deep, 3.3 flanges.

The above equipment may be inspected at points indicated on any working day between the hours of 9:00 A.M. and 5:00 P.M.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakand, as follows:

DECEMBER 21, 2 P. M.:

BID NO. 4140: 300 dozen 1-gal. canteens, 4,000 caps with washers, and 3,000 composition cap washers; fob bidder's shipping point;

BID NO. 4139: 60 galv. iron boxes, with hinged cover; fob bidder's shipping point and / or Government Island;

BID NO. 4137: Electric headlight parts; fob bidder's shipping pt.;

BID NO. 4121: 175 dozen axe handles, single and double bitted; fob bidder's shipping point and/ or Government Island.

DECEMBER 23, 2 P. M.:

BID NO. 4146: 500 5-gal. man-pack water bags; fob bidder's shipping point and / or Government Island.

JANUARY 5, 2 P. M.:

BID NO. 4144: 200 hand eyelet paper punches; fob bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND. — Until December 22, 2 p.m., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4150, for furnishing 40,000 ft. 1½-in. special light weight, cotton jacketed rubber-lined hose.

Delivery f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Until December 22, 2 P. M., bids will be received by I. M. Stevens, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4158. for furnishing 24 tree calipers, 50-in., 2 clamp nut; fob bidder's shipping point and/or Laconia, N. H.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

DECEMBER 21, 2 P. M.:

BID NO. 4154: 1250 ft. CMP culvert and 27 band couplings; fob bidder's shipping point and/or Lemon Cove;

BID NO. 4151: 656 ft. CMP culvert and 26 band couplings; fob bidder's shipping pt. and/or Thorne, Nevada.

BID NO. 4153: 12 wall hand sets, and 24 desk hand sets, telephones; fob bidder's shipping pt. and/or Government Island;

BID NO. 4152: 2,000 ft. armored cable, BXL No. 14, 2 conductor; fob bidder's shipping point and/ or Willows.

DECEMBER 22, 2 P. M.:

BID NO. 4143: Ripper boots and detachable boot points; fob bidder's shipping point and/or Del Rosa;

BID NO. 4155: Lavatories, water closets, kitchen sink, laundry trays, bath room fixtures, etc.; fob bidder's shipping point and/ or Susanville.

JANUARY 5, 2 P. M.:

BID NO. 4156: 20,000 ft. No. 14 outside twisted pair, solid conductor drop telephone wire; fob bidder's shipping point and /or Government Island.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE. — Until December 28, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3207, for furnishing miscellaneous supplies and equipment, including: Steel Bars, Twist Drills, Stone Drills, Dies, Taps, Auger Bits, Coil Chain, Cap Screws, Escutcheon Pins, Brass Washers, Automobile Jacks, Steam Flushing & Cleaning Device (Automobile Steamer) & Cleaning Compound, Paint - Spraying Equipment, Commutator-Stone Holder, Telephone Cable, Bare Copper Wire, Receptacles, Sockets, Locks, Cupboard Catches, Cupboard Turns, Sash Fasteners, Refrigerator Casters, Handrail Brackets, Shelf Brackets, Door Stops, Paper-Towel Holders, Brass Drills, Cold Chisels, Wood Chisels, Diamond-Point Glass Cutters, Grindstones, Oil Cans, File Handles, and Methyl Chloride Gas.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE. — Until December 30, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3206, for furnishing Southern Yellow Pine or Douglas Fir lumber, timbers, and moulding.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

oline engine-driven air compressor unit for H. H. W. S.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Jan. 4, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1712, for furnishing one gasoline engine-driven double drum hoist for H.H.W.S.

Specifications obtainable from the above office.

EAST BAY UTILITY DIST.

OAKLAND, Alameda Co., Calif.—Until December 25, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal No. 825, for furnishing 10,000 l.f. of 6-in. cast-iron pipe.

Specifications obtainable from the above office.

RECLAMATION BUREAU

MINIDOKA, Idaho.—Until December 30, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 859-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Minidoka, Idaho, two 2,000-kv-a., 2300 to 19,050 /33,000 Y-volt, 60-cycle, three-phase, oil-insulated, self-cooled transformers; two 34,500-volt, three-phase, 60-cycle, 600-ampere, oil circuit breakers; and eighteen 34,500-volt, 600-ampere, single-pole, single-throw, outdoor-type, hook-stick-operated, disconnecting switches; for the Minidoka power plant, Minidoka project, Idaho. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

SANTA CRUZ COUNTY

WATSONVILLE, Santa Cruz Co., Calif.—Until December 22, 7:30 p.m., bids will be received by the Watsonville City Council, M. M. Swisher, City Clerk, City Hall, for furnishing 2,000 l.f. 6-in. centrifugal cast-iron bell and spigot pipe, Class 150, and 3,000 l.f. 4-in. centrifugal cast-iron bell and spigot pipe, Class 150, in 16-ft. or 18-ft. lengths.

Delivery f.o.b. Watsonville via truck.

Specifications obtainable from the above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Jan. 4, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1711, for furnishing one portable gas-

SELF-LOCK ROOSHOR ADJUSTABLE
CUT LABOR COSTS
with
ROOSHORS AND
ROOS COLUMN CLAMPS
W. J. BURKE & CO. Northern California Distributors
200 Davis Street Phone DOuglas 8590 - San Francisco

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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28.—Fire Equipment
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30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
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35.—Tunnels

21— BRIDGES

BIDS WANTED

KING CO., Washington.—Until December 26, 10 a.m., bids will be received by the Board of County Commissioners of King County, Earl Millikin, Clerk, Court House, Seattle, for the repair of the Mercer Island Bridge, involving driving additional piles and rebuilding the substructure of the existing swing span and its approaches.

Plans and specifications obtainable from the County Engineer.

BIDS WANTED

TUOLUMNE CO., Calif.—Until December 30, 2 p.m., bids will be received by the Tuolumne County Bd. of Supervisors, C. A. Dambacher, Clerk, Courthouse, Sonora, for the construction of a multi-plate arch bridge over Woods Creek at Sawmill Flat, Tuolumne County.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

SAN FRANCISCO.—Pacific Bridge Painting Co., 624 Sharon Bldg., San Francisco, at $102,131 awarded contract by the Golden Gate Bridge & Highway District, W. W. Felt, Jr., Secretary, for painting the steel floor structure, steel approach structure, and the high viaduct of the Golden Gate Bridge.

Jos. B. Strauss, Chief Engineer.

BIDS WANTED

TUOLUMNE CO., Calif.—Until December 30, 2 p.m., bids will be received by the Tuolumne County Bd. of Supervisors, C. A. Dambacher, Clerk, Court House, Sonora, for the construction of an I-beam bridge over Blanket Creek at Pease Ranch, Tuolumne County.

Plans and specifications obtainable from the above office.

BIDS WANTED

TUOLUMNE CO., Calif.—Until December 30, 2 p.m., bids will be received by the Tuolumne County Bd. of Supervisors, C. A. Dambacher, Clerk, Court House, Sonora, for the construction of a concrete T-beam bridge on Rock River about 2 miles south of Keystone, Tuolumne Co.

Plans and specifications obtainable from the office of the County Clerk.

CONTRACT AWARDED

STANISLAUS CO., Calif.—Harold C. Geyer, Box 822, 574 Main Street, Monterey, at $14,768, submitted low bid and awarded contract by the Stanislaus County Board of Supervisors, Modesto, for the construction of a wooden pile and wooden deck bridge, 600 ft. long and 20 ft. wide, across the San Joaquin River at the end of Las Palmas Ave., Patterson.

Complete bids follow:

Harold C. Geyer, Monterey	$14,768
Harry Brown, Modesto	16,448
Bundeson & Lauritzen, Pittsburg	20,980
Orselli & Garbarini, Berkeley	21,600
C. A. Lauritzen, Antioch	21,992
F. Kaus, Stockton	23,500
John Hachman, Stockton	24,460
Engineer's Estimate	17,775

George D. Macomber, County Surveyor.

BIDS WANTED

SAN FRANCISCO.—Until December 21, 2 p.m., bids will be received by F. F. Moran, Assistant Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 957, for furnishing structural Douglas fir lumber for the Kern River Bridge.

Delivery f.o.b. bidder's shipping
Specifications obtainable from the above office.
point and/or Bakersfield.

BIDS OPENED

SAN FRANCISCO.—Following bids received by P. C. Brown, Procurement Officer, Forest Service, Phelan Bldg., under Bid No. 950, for furnishing one structural steel truss for the Kern River Bridge, f.o.b. bidder's shipping point and/or Bakersfield:

Golden Gate Iron Works—$11,500 f.o.b. S. F.; weight, 195,000 lbs.; ¼% 10 days.

Independent Iron Works—$11,970; f.o.b. Oakland; $12,341, f.o.b. Bakersfield; weight, 206,000 lbs.; discount, ½% 10 days.

Ingalls Iron Works—$12,140, f.o.b. Birmingham; $13,140, f.o.b. Bakersfield; weight, 112 tons.

Bethlehem Steel Corp.—$13,240, fob L. A.; $13,930, f.o.b. Bakersfield; weight, 230,000 lbs.; no discount.

Herrick Iron Works—$13,300, f.o.b. Oakland; $13,676, f.o.b. Bakersfield; weight, 220,000 lbs.; ½% 10 days.

BIDS WANTED

SAN FRANCISCO.—Until December 30, 2:30 p.m., lump bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,955, for the reconstruction and repair of the Sixth Street bridge over Channel Street Waterway. Estimated cost, $2,650.

The work involves removal of debris, closing streets, constructing new timber deck and bulkhead, including new railway, traffic gate, bearing plates, and painting.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of $10.

CAPITAL CITY TITLE COMPANY

J. C. PALEN.
Manager

914 Seventh Street
Sacramento :: California

22— DREDGING HARBOR WORKS, EXCAVATION

CONTEMPLATED

ALAMEDA, Calif. — City Council has appointed a special committee to study possibilities for creating a municipal yacht harbor. The committee is composed of Larry Knight, Leo Postal, J. A. Cassidy, C. F. Benham, D. M. Henderson, City Manager Schwannenberg and City Engineer Sperbeck.

BIDS WANTED

YERBA BUENA SHOALS, Cal.—Until December 28, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Customhouse, San Francisco, under Bid No. 868-37-108, for excavation of test pit on Yerba

The work involves about 55 c.y. of Buena Fairsite.
excavation.

Specifications obtainable from the above office.

BIDS OPENED

PEARL HARBOR, T. H.—Hawaiian Dredging Co., Honolulu, at $195,570, submitted the only bid received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8360, for construction of reinforced concrete fleet moorings at the 14th Naval District, Pearl Harbor.

23— CANALS

BIDS WANTED

SHOSHONE PROJECT, Wyoming.—Until January 11, 10 a.m., bids will be received by the Bureau of Reclamation, Cody, Wyoming, Walter F. Kemp, Construction Engineer, under Spec. No. 716, for the construction of earthwork, canal lining, and structures, Station 27 to Station 340, Heart Mountain Canal, Heart Mountain Division, Shoshone Project, Wyoming.

The work is located near Cody, and the principal items of work involved are:

(1) 583,500 c.y. all classes of excavation for canal;
(2) 4,100 c.y. do. for structures;
(3) 13,500 sta. c.y. overhaul;
(4) 54,200 c.y. compacted embankment;
(5) 8,000 sq. yds. preparing rock foundations for concrete lining;
(6) 4,850 sq. yds. trimming earth foundations for concrete lining;
(7) 26,800 c.y. backfill about structures;
(8) 4,120 c.y. concrete in structures;
(9) 1,540 c.y. concrete in canal lining;
(10) 350 sq. yds. dry-rock paving;
(11) Placing 1,232,000 lbs. reinforcement bars;
(12) Erecting 31 MFBM timber in bridge;
(13) Constructing 1,800 l.f. 6-in. diam. sewer-pipe drains;
(14) Laying 400 l.f. of 18-in. and 24-in. diam. concrete pipe;
(15) Installing 3,500 lbs. gates and other metalwork.

Work shall be commenced within 30 calendar days and completed within 350 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, at Cody, Wyoming; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $1.50 per copy, not returnable.

STRATFORD, Kings Co., Calif.—Brown Materials Co., Huron, at $13,000 awarded contract by Tulake Lake Canal Co. for cement work and piling, construction of a new cement weir in Kings River two miles south of Stratford. The structure will be 120 ft. long and 14 ft. high.

LOW BIDDER

YAKIMA PROJECT, Wash.—J. A. Terteling & Sons, Box 1406. Boise, Idaho, at $374,409 submitted low bid to the Bureau of Reclamation, Chas. E. Crownover, Construction Engineer Roza Div., Yakima Project, Yakima, under Spec. No. 711, for construction of earthwork, bench flume, canal lining, and structures, Station 102 to Station 197 plus 77.68, Yakima Ridge Canal, Roza division, Yakima Project, Washington.

The principal items of work involved are:

(1) 270,000 c.y. all classes of excavation for canal;
(2) 63,500 c.y. do. for structures;
(3) 5,000 sta.c.y. overhaul;
(4) 5,200 c.y. compacted embankment;
(5) 8,000 sq. yds. preparing foundations for concrete lining and concrete bench flume in rock excavation;
(6) 30,000 sq. yds. trimming canal section in earth for concrete lining and concrete bench flume;
(7) 50,800 c.y. backfill about structures;
(8) 4,710 c.y. concrete in structures;
(9) 2,480 c.y. concrete in canal lining;
(10) 8,350 c.y. concrete in bench flume;
(11) 25 sq. yds. dry-rock paving;
(12) 70 sq. yds. grouted paving;
(13) Placing 3,026,000 lbs. reinforcement bars;
(14) Erecting 4 MFBM timber in bridge;
(15) Constructing 9,570 l.f. 6-in. and 8-in. diam. sewer-pipe drains;
(16) Installing 54,150 lbs. gates and other metalwork.

Work shall be commenced in 30 calendar days and completed within 500 calendar days after date of receipt of notice to proceed.

24—STREET LIGHTING SYSTEMS

BIDS OPENED

SAN FRANCISCO. — R. Flatland, 1899 Mission St., at $11,243, submitted low bid to the Public Utilities Commission, City Hall, under Electrical Power Bureau Contract No. 20, for the construction of a street lighting system on Taylor St., bet. Market and Post Sts.

The work involves:

(1) Erection of 50 standards;
(2) 100 transformers;
(3) 10,300 ft. primary cable;
(4) 100 luminaries;
(5) 3,800 ft. 1½-in. black conduit.

Complete bids follow:

R. Flatland	$11,243
H. C. Reid & Co.	11,630
Elec. Power Bureau	12,500
Abbett Elec. Co.	12,689
Spencer Elec. Co.	12,992

BIDS OPENED

SAN FRANCISCO. — The Electric Power Bureau, 425 Mason St., San Francisco, at $2,425, submitted low bid to the Public Utilities Commission, City Hall, under Electrical Power Bureau Contract No. 18, for the construction of a street lighting system on Anza St. from Parker Ave. to Arguello Blvd. The work involves:

(1) 9 electrollers, complete;
(2) 1,050 ft. 1½-in. primary cable;
(3) 3,000 ft. primary cable;
(4) 4 pull boxes.

Complete bids follow:

Electric Power Bureau	$2,425
George F. Breyer	2,759
Spencer Electric Co.	2,794
R. Flatland	3,250

CONTRACT AWARDED

SAN FRANCISCO. — R. Flatland, 1899 Mission St., at $11,243 awarded contract by the Public Utilities Commission, City Hall, under Electrical Power Bureau Contract No. 20, for the construction of a street lighting system on Taylor St. between Market Street and Post Street.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

MENDOCINO CO., Calif. — Bruno Skibo, 464 Van Buren, Oakland, at $6 per day submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., under Bid No. 2965, for the rental of one 1½-ton truck for use on WPA projects, fob vicinity of Boonville.

Lerer Bros., San Francisco, at $7.97 per day, discount 2% 20 days, submitted the only other bid.

CONTRACT AWARDED

FORT MASON, Cal.—L. N. Giorgi, 2055 Greenwich St., San Francisco, at $2.75 per hour submitted low bid and awarded contract by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-48, for rental of three 5-c.y. dump trucks for hauling dirt fill at Letterman General Hospital, Presidio of San Francisco. The trucks will be required for approximately 12 days each.

Complete bids follow:

L. N. Giorgi, San Francisco, $2.75.
Chas. W. Beguhl, Millbrae, $2.825.
Max Rosenberg, San Francisco, $2.83⅓.
Devincenzi & Haskins, San Francisco: power loading, $3.45; hand loading, $2.95.
George D. Paul, Oakland, $3.45.
K. I. Dowdy, San Francisco: $3.11⅔.
E. Longwell, S. F.: $4.50.

BIDS OPENED

SAN FRANCISCO.—Guerin Bros., 2145 20th Ave., San Francisco, at $3.50, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., under Bid No. 2970, for the rental of one 12-ton road roller, for use on WPA projects, f.o.b. Golden Gate Park Drives, 24th Ave. and Fulton St., San Francisco.

Complete bids follow:

Guerin Bros, San Francisco—$3.50.
P. B. Hackley Equipment Co., San Francisco—$3.69.
Contractors' Machinery Exchange, Oakland—$4.00.
Chas. L. Harney, San Francisco—$4.70.

All bids net.

BIDS OPENED

SACRAMENTO.—R. W. Seitz, receiver for Freighters, Inc., 15 East Weber St., Stockton, at $15 per hour, total $600, submitted only bid received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-119, for the rental of a tow boat.

BIDS REJECTED

SAN JOSE, Santa Clara Co., Calif.—City Council has rejected all bids received December 7 for furnishing a new gasoline motor-driven pick-up sweeper.

Identical bids at $7,350 were submitted by Austin Western Road Machinery Co. and the Associated Equipment Co.

BIDS REJECTED

OAKLAND, Cal.—The City Council has rejected all bids received Dec. 8 for the rental of concrete mixers and air compressors for use on WPA projects. Equipment will be secured in the open market.

CONTRACTS AWARDED

OAKLAND, Cal.—Contracts for the rental of dump trucks for use on WPA projects have been awarded by the Oakland City Council as follows:

T. P. Dears—$0.688.
D. G. Braine—$0.67 and $0.69 (two trucks).
Frank C. Braine—$0.70.
Mario Gori,—$0.75.
D. M. Lerer—$0.79.
R. A. Ward—$0.80.
A. L. Green—$0.60.

COMPLETE BID LISTING

YAKIMA, Wash.—P. A. Terteling & Sons, Box 1406, Boise, at $196,390 on Sched. 1, and at $178,019 on Sched. 2, total, $374,409, submitted low bid to the Bureau of Reclamation, Yakima, as previously reported, for construction of earthwork, bench flume, canal lining and structures, Station 102 to Station 197 plus 77.68, Yakima Ridge Canal, Roza Division, Yakima Project, Wash., under Spec. No. 711. Charles E. Crownover, construction engineer.

Complete bids follow:

J. A. Terteling & Sons, Boise: (1) $196,390; (2) $178,019; total, $374,409.
Gunther & Shirley Co. and J. P. Shirley, Los Angeles: (1) $225,237; (2) $262.905.
Morrison - Knudsen Co., Boise: (1) $225,826; (2) $196,483.
Guy F. Atkinson, San Francisco: (1) $276,390; (2) $165,458.

BIDS OPENED

SANTA CLARA CO., Calif.—Maud D. Smith, at $1.80 per hour, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3006, for the rental of one flat bed truck, 2½-ton capacity, f.o.b. County Corporation Yard, Gilroy, for use on WPA projects.

Complete bids follow:

Maud D. Smith—$1.80.
P & H Constr. Co.—$1.92.
P. Earl Stewart—$1.95.
Evans Auto Rental, S. F.—$2.15.

27—FIRE ALARM SYSTEM

EXTRA WORK AUTHORIZED

SACRAMENTO.—Gamewell Co., 7 Front St., San Francisco, has been authorized by the City Council to install 22 new additional fire alarm boxes to be paid for as extra work under a contract awarded November 2 for installing a fire and police alarm system. Contract price was $177,140. The extra work is estimated at $34,170.

28— FIRE EQUIPMENT

BIDS REJECTED

MARTINEZ, Contra Costa Co., Cal.—The City Council has rejected all bids received for furnishing a 500-gal. pumper for the Fire Department. Specifications will be revised and new bids called at a later date.

Complete bids published December 4th.

Raymond B. Johnson, City Clerk.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

NEVADA COUNTY, Cal.—Pacific States Const. Co., 708 Call Building, San Francisco, at $118,588 awarded contract by State Division of High-

ways, C. H. Purcell, State Highway Engineer, Sacramento, for about 2.5 miles grading and surfacing with plant-mixed surfacing, medium curing type, on crusher run base, in Nevada Co., between Donner Grade and the east end of Donner Lake.

CONTRACT AWARDED

SANTA BARBARA CO., Calif.—C. O. Sparks & Mundo Engineering Co., 2309 E. Olympic Blvd., Los Angeles, at $12,137.70, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.3 mile grading within the grounds of the proposed State Teachers' College in the City of Santa Barbara.

BIDS OPENED

SAN FRANCISCO.—Thomas Gallagher, 313 28th St., at $0.21 per sq. ft., total $1,050, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,950, for the improvement of sidewalk on the northerly half of Balboa St., between Third Ave. and 12 ft. east, and in 45 other locations, involving approximately 5,000 sq. ft. of one-course concrete sidewalk.

The other bids were:

M. Bertolino—$0.22 per sq. ft.; total, $1,100.

E. J. Treacy—$0.28 per sq. ft.; total, $1,400.

CONTRACT AWARDED

SACRAMENTO. — A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at $5,695.34, awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, under Bid No. 2320, for the improvement of 41st Street, between R and T Streets.

CONTRACTS AWARDED

RENO, Nevada.—Isbell Constr. Co., 1300 E. Fourth St., Reno, awarded contract by the United Air Lines, R. W. F. Schmidt, engineer, for grading and surfacing the landing field at the Reno airport. Work will involve moving approximately 150,000 c.y. of dirt in the leveling, and placing 180,000 c.y. of crushed rock and gravel.

California Corrugated Culvert Co., 5th and Parker Sts., Berkeley, at approximately $30,000 awarded contract for furnishing asphaltic treated drain pipes, involving about 24,000 ft. of 8-in. perforated drain pipe and 2,000 ft. of 42-in. culvert pipe.

CONTRACT AWARDED

SAN MATEO, San Mateo Co., Cal. —Union Paving Co., 618 Call Bldg., San Francisco, at $32,807.25 awarded contract by San Mateo City Council, E. W. Foster, City Clerk, for the construction of street and sewer improvements on Second, Third and Elsworth Avenues.

A grant of $19,808 has been allotted by the PWA.

CONTRACT AWARDED

LEWIS CO., Washington.—Lucich & Co., Rainier Bldg., Seattle, at $136,941, awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 1.325 miles grading on the Mt. Rainier National Park Stevens Canyon Highway, Lewis County.

COMPLETE BID LISTING

COCONINO CO., Arizona.—G. Clay Gates, Thermopolis, Wyoming, at $18,122.40, as previously reported, submitted low bid to the Bureau of Public Works, 247 New Post Office Bldg., Phoenix, for placing metal plate guard rail on Sections A, B, C, D and E, of the Cameron-Desert View Approach Road to Grand Canyon National Park, Coconino County, requiring 16,780 l.f. metal plate guard rail.

G. Clay Gates, Thermopolis, Wyo.—(1) $1.08 per l.f.; total, $18,122.40.

Pearson & Dickerson, Prescott—(1) $1.25; total, $18,877.50.

Lee Moor Contr. Co., El Paso—(1) $1.19; total, $19,968.20.

Lewis Bros., Phoenix—(1) $1.24; total, $20,807.20.

H. J. Hagen, Globe—(1)$1.31; total, $21,981.80.

All-Arizona Engr. & Constr. Co., Clifton—(1) $1.34; total, $22,485.20.

Ken Hodgman, Phoenix—(1) $1.36; total, $22,820.80.

Phoenix-Tempe Stone Co., Phoenix—(1) $1.38; total, $23,156.40.

Fisher Constr. Co., Phoenix — (1) $1.72; total, $28,861.60.

Bennett & Taylor, L. A.—(1) $1.75; total, $29,365.

Engineer's Estimate—(1) $1.00; total, $16,780.

BIDS WANTED

IMPERIAL CO., Calif.—Until January 7, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 10.1 mi. grading and surfacing with plant-mixed surfacing in Imperial County, between Sandia and Alamo River.

The work involves:

(1) 780 M. gals water;
(2) 26,000 c.y. roadway excav., uncl.;
(3) 58,000 sta. yds. overhaul;
(4) 2,250 c.y. struc. excav.;
(5) 70 c.y. remove concrete;
(6) 531 sta. finishing roadway;
(7) 10,300 tons gravel base;
(8) 126 tons liq. asphalt, MC-2 (prime coat);
(9) 20,800 tons mineral aggregate (plant-mix surf.);
(10) 830 tons liq. asphalt, MC-5 or MC-extra heavy (plant-mix surf.);
(11) 17,500 lbs. bar reinf. steel (structures);
(12) 201 c.y. Class A portland cement concrete (structures);
(13) 80 l.f. 42-in. standard reinf. conc. pipe;
(14) 1,130 l.f. 12-in. CMP;
(15) 1,024 l.f. 18-in. CMP;
(16) 84 l.f. 30-in. CMP;
(17) 170 l.f. 30-in. CMP siphons;
(18) 262 l.f. remove pipe culverts;
(19) 200 l.f. laminated guard railing;
(20) 215 l.f. remove guard railing;
(21) 40 each, culvert markers;
(22) 52 each, culvert markers move and reset.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the Special Provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Diego.

30—RESERVOIRS & DAMS

BIDS WANTED

BONNEVILLE DAM, Oregon.—Until December 22, 3 p.m., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-37-191, for furnishing and delivering 40 sections of structural steel frames for use on the Bonneville main dam fishway collecting system at Bonneville.

Alternate bids will be received for delivery as follows:

Alternate "A": Equipment f.o.b. cars at factory shipping point for shipment on Government bills of lading; 14 frames to be delivered within 60 calendar days, and the balance within 80 calendar days.

Alternate "B": Equipment f.o.b. cars at North Bonneville, Washington; 14 frames to be delivered within 70 calendar days, and the balance within 90 calendar days.

Specifications obtainable from the above office.

BIDS OPENED

LOS ANGELES, Calif. — Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, at $169,283.95 submitted low bid to the Los Angeles County Board of Supervisors, for furnishing welded steel pipe and appurtenances for the outlet work of San Gabriel Dam No. 1.

The items are:

(1) 2133 ft. 123-in. ID 19/32-in. plate;
(2) 93 ft. 123-in. ID 1½-in. plate;
(3) 1099 ft. 96-in. ID 1½-in. plate;
(4) 48 ft. 96-in. ID 1½-in. plate;
(5) 1128 ft. 51-in. ID ⅜-in. plate;
(6) 50 ft. 51-in. ID ¾-in. plate;
(7) 17 ft. 30-in. ID ⅝-in. plate;
(8) 8 ft. 60-in. ID ⅝-in. plate;
(9) 5 ft. 75-in. ID ⅝-in. plate;
(10) 52 ring girders, welded to 123-in. ID steel pipe;
(11) 26 ring girders welded to 96-in. ID steel pipe;
(12) 26 ring girders welded to 51-in. ID steel plate;
(13) 22 anchor rings welded to 123-in. ID steel pipe;
(14) 18 anchor rings welded to 96-in. ID steel pipe;
(15) 22 anchor rings welded to 51-in. ID steel pipe;
(16) One fabricated tee 51-in. IDx51-in. ID;
(17) One cast steel saddle nozzle, 30-in. ID welded to pipe;
(18) One cast steel elbow, 30-in. ID;
(19) 2 fabricated bend 51-in. ID ⅝-in. plate;
(20) One fabricated bend, 123-in. ID 19/32-in. plate;
(21) 2 pipe reducers, 129-in. IDx123-in. ID, 19/32-in. plate;
(22) One pipe reducer 102-in. IDx96-in. ID ½-in. plate;
(23) 2 Venturi tubes, 40 ft. long, 114-in. IDx123-in. ID;
(24) One Venturi tube, 40 ft. long, 87-in. IDx96-in. ID;
(25) One Venturi tube, 40 ft. long, 42-in. IDx51-in. ID;
(26) 4 cast steel manholes, Type A, welded to pipe;
(27) 2 cast steel manholes, Type B, welded to pipe;
(28) 3 cast steel manholes, Type C, welded to pipe;
(29) One cast steel manhole, Type D, welded to pipe;
(30) 2 cast steel saddle nozzles, Type A, welded to pipe;
(31) 4 cast steel saddle nozzles, Type B, welded to pipe;
(32) 5 cast steel saddle nozzles, Type C, welded to pipe;
(33) 2 cast steel saddle nozzles, Type D, welded to pipe;
(34) 5 cast steel saddle nozzles, Type E, welded to pipe;
(35) 16 cast steel saddle nozzles, Type F, welded to pipe;
(36) One cast steel saddle nozzle, Type G, welded to pipe;
(37) One cast steel saddle nozzle, Type H, welded to pipe;
(38) 4 cast steel companion flanges welded to 30-in. ID pipe; aggregate net wt. approx. 1560 lbs. (per lb.);
(39) 2 cast steel companion flanges welded to 51-in. ID pipe, ¾-in. plate, aggregate net wt. approx. 1620 lbs. (per lb.);
(40) 6 cast steel flanges welded to 5-in. ID pipe, ¾-in. plate, aggregate net wt. approx. 4860 lbs. (per lb.);
(41) One cast steel companion flange welded to 60-in. ID pipe, aggregate net wt. approx. 1020 lbs. (per lb.);
(42) One cast steel companion flange welded to 75-in. ID pipe, aggregate net wt. approx. 1660 lbs. (per lb.);
(43) 116,600 sq. ft. application of primer and centrifugally cast enamel to thickness of ⅛-in. on inside of pipes, incl. the supplying of materials.

Total bids follow:

(A) Western Pipe & Steel Co., $169,-283.95.

(B) Southwest Welding & Mfg. Co., Alhambra, $242,121.02.

(C) Consolidated Steel Corp., Ltd., Los Angeles, $358,585. For any and all items on which bidder receives notice to proceed in sufficient time to make delivery of the complete item or items by June 30, 1938, deduct 12½%; same to make delivery by Jan. 1, 1938, deduct 25%. For purposes of comparison: Delivery by June 30 1938, amount, $313,736; delivery by Jan. 1, 1938, $268,918.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 33.35	$ 47.30	$ 57.53
(2)	90.10	154.20	148.20
(3)	21.40	33.20	39.25
(4)	68.85	119.00	132.65
(5)	11.40	13.90	19.76
(6)	24.80	28.90	42.60
(7)	11.70	11.66	30.42
(8)	31.20	28.60	62.18
(9)	49.20	33.20	96.42
(10)	193.00	270.80	783.55
(11)	101.00	186.20	546.84
(12)	23.00	71.50	157.44
(13)	52.00	97.00	215.37
(14)	47.00	79.20	174.91
(15)	27.00	34.25	91.48
(16)	209.00	315.70	719.84
(17)	255.00	238.00	455.84
(18)	264.00	273.00	446.36
(19)	130.00	246.80	541.36
(20)	992.00	1234.00	2380.29
(21)	1560.00	2385.00	3390.40
(22)	1136.00	1588.40	3571.98
(23)	3705.00	6033.00	12,328.35
(24)	2380.00	3763.00	9054.93
(25)	880.00	1590.00	4193.94
(26)	123.00	227.00	295.08
(27)	131.00	214.00	355.29
(28)	130.00	195.00	314.10
(29)	146.00	221.00	479.13
(30)	24.00	23.70	47.50
(31)	22.00	22.20	47.05
(32)	22.00	21.70	47.75
(33)	30.00	43.25	85.87
(34)	35.00	40.20	72.52
(35)	34.00	39.20	63.11
(36)	35.00	45.40	123.86
(37)	90.00	73.10	136.22
(38)	.19	.18	.41
(39)	.18	.15	.48
(40)	.16	.14	.37
(41)	.20	.16	.39
(42)	.19	.16	.32
(43)	.095	.09	.125

31—PIPE LINES & WELLS

LOW BIDDERS

EVERETT, Wash.—Western Pipe & Steel Co., 444 Market St., San Francisco, at $1,257,366 on all-steel pipe, submitted low bid to the Everett City Council, S. Frank Spencer, Commr. of Public Works, for construction of Sections 1, 2, and 3 of the Sultan River Pipe Line Project No. 3, involving construction of a pipeline from Portal No. 4 to Reservoir No. 2 and from Reservoir No. 2 to Soundview Pulp Co.

The work will involve the following quantities of pipe, as well as all fittings and specials:

(1) 38,613 ft. of 52-in. x 5/16-in. steel pipe;

(2) 39,086 ft. of 48-in. x ¼-in. steel pipe;

(3) 8,561 ft. of 48-in. x 5/16-in. steel pipe;

(4) 14,888 ft. of 48-in. x ⅜-in. steel pipe;

(5) 303 ft. of 48-in. x 7/16-in. steel pipe;

(7) 120 ft. of 30-in. x ¼-in. steel pipe.

Alternate bids will be received on about 27,186 ft. of 52-in. centrifugally spun reinforced concrete pipe in lieu of similar amount of 52-in. x 5/16-in. steel pipe.

A PWA grant of $585,000 was recently approved to aid in financing construction of the improvements and additions to the waterworks system, total cost of which is estimated at $1,300,000.

The low bids follow:

Western Pipe & Steel Co., San Francisco—On all-steel pipe, $1,257.366.

Emsco Derrick & Equipment Co., Los Angeles—On all-steel pipe, $1,-372,440.

Emsco Derrick & Equipment Co., Los Angeles—On concrete and steel pipe, $1,342,631.

Granville Paine, City Engineer.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BOND ELECTION PLANNED

PLACERVILLE, Eldorado Co., Cal.—The city council plans to call a bond election in January to vote on a bond issue of $40,000 to assist in financing construction of a sewage disposal plant and main sewers.

Application has been filed with the PWA for a grant of 45% of the total estimated cost.

Harry N. Jenks, 2701 Benvenue, Berkeley, consulting engineer. Clifton Wildman, City Engineer.

BIDS OPENED

NEWPORT BEACH, Orange Co., Calif.—Gogo & Rados, 10,024 S. Figueroa St., Los Angeles, at $388,973, submitted low bid to the Newport Beach City Council for the construction of a sewer system, including vitrified clay pipe sewer mains, three underground sewage pumping stations and a disposal plant.

Complete total bids follow:

Gogo & Rados, Los Angeles..$388,973.00
A & B Constr. Co., Hynes.... 418,324.50
Claude Fisher Co., Ltd., R. A. Wattson, and Macco-Robertson, Ltd., Los Angeles, jointly, at..... 434,887.84

Plans for the disposal plant were designed by the Currie Engineering Co., Andreson Bldg., San Bernardino. The plant is designed to serve a population of 25,000 and consists of 2 concrete circular Imhoff tanks and a separate sludge digestion tank.

The PWA has allocated $152,000 toward financing the project; the balance of the funds to be furnished by the city which recently voted a bond issue of $300,000.

The work involves:

(1) Lump sum, Sewage Pumping Station No. 1 and appurtenances thereto;

(2) Lump sum, Sewage Pumping Station No. 2 and appurtenances thereto;

(3) Lump sum, Sewage Pumping Station No. 3 and appurtenances thereto;

(4) Lump sum, Cast Iron Pipe Siphon No. 1, consisting of one 10-in. diam. pipe and 14-in. dia. pipe, as shown on Plan No. 401, Sheet 20;

(5) Lump sum, 10-in. Cast Iron Pipe Siphon No. 2, as shown on Plan No. 401, Sheet 10;

(6) Lump sum, 6-in. Cast Iron Pipe Siphon No. 3, as shown on Plan No. 401, Sheet 22;

(7) 1,870 l.f. 30-in. extra strength, vit. clay pipe sanitary sewer;

(8) 5,130 l.f. 30-in. vit. clay pipe sanitary sewer;

(9) 2,710 l.f. 27-in. vit. clay pipe sanitary sewer;

(10) 3,380 l.f. 24-in. vit. clay pipe sanitary sewer;

(11) 9,660 l.f. 21-in. vit. clay pipe sanitary sewer;

(12) 4,300 l.f. 18-in. vit. clay pipe sanitary sewer;

(13) 340 l.f. 12-in. vit. clay pipe sanitary sewer;

(14) 3,800 l.f. 10-in. vit. clay pipe sanitary sewer;

(15) 4,990 l.f. 8-in. vit. clay pipe sanitary sewer;

(16) 1,900 l.f. 14-in. class 250 cast iron pipe, flexible joints, discharge line from disposal plant to outfall;

(17) 3,390 l.f. 10-in. class 150 cast iron pipe sanitary sewer, including fittings;

(18) Lump sum, 10-in. class 150 cast iron pipe sewer, highway crossing at Sta. 59 plus 75;

(19) Lump sum, 8-in. class 150 cast iron pipe sewer, highway crossings at Sta. 19 plus 00, sheet 8, and Sta. 74 plus 25;

(20) 200 l.f. 8-in. class 150 cast iron pipe sewer force main, including fittings;

(21) Lump sum, reinf. cem. concr. box sanitary sewers, Sta. 165 plus 02, sheet 14, and Sta. 73 plus 29;

(22) 70 c.y. class E cem. concr. pipe envelope;

(23) 109 each brick manholes;

(24) 1 each, brick flush tank, including ¾-in. water service connection;

(25) 20,000 c.y. roadway embankment;

(26) 47,000 sq. ft. rock and oil surfacing;

(27) 94 l.f. 24-in. corr. iron culvert pipe;

(28) 40 l.f. 36-in. reinf. cem. concr. culvert;

(29) Lump sum, demolition of Imhoff tanks Nos. 1 and 2;

(30) 1,500 l.f. 2-in. galv. iron water pipe, including fittings;

(31) 3,500 tons furnishing and placing crushed rock for sewer foundation;

(32) 80 l.f. 6-in. vit. clay pipe house connection sewers;

(33) 250 ft. type A vit. clay pipe sewer chimney;

(34) Lump sum, sewage disposal plant and appurtenances thereto, complete.

R. L. Patterson, City Engineer.

BIDS WANTED

SAN MARINO, Los Angeles Co., Cal.—Until January 13, 8 P. M., bids will be received by the San Marino City Council for constructing a sanitary sewer system complete in Pasqualito Drive, El Molino Place, and portions of El Molino Ave., Huntington Drive, Granada Ave., Wilson Ave., Winthrop Road, Plymouth Rd., and other streets anad rights of way approximately 8510 l.f. of sewer, in accordance with plans and specifications prepared by Harold A. Barnett, City Engineer, 35 S. Raymond Ave., Pasadena. Copies may be obtained from the engineer upon deposit of $5. Certified check or bond for 10% must accompany each bid.

The work will involve:

8510 ft. 8-in. vit. sewer;
27 standard manholes;
2 drop manholes;
7 flush tanks;
313 8x6 wye branches;
19 8x6 tee branches;
38 ft. vit. chimney pipe;
1½ yds. of concrete for chimneys, 1:2:4 mix;
75 ft. ¾-in. galv. iron water pipe to flush tank;
4200 lbs. G-K jointing compound;
Dry jute caulking material;
545 l.f. dirt resurfacing;
6308 l.f. 1-in. oil macadam resurf.;
1657 l.f. 2-in. oil macadam resurf.;
545 l.f. trench to be excavated and backfilled by hand labor;

MISCELLANEOUS DATA:

Average depth of trenches, 8.3 ft.; Maximum depth of trenches, 13.7 ft.

The contractor will be required to deposit with the city $1600 for repaving of trenches.

WASCO, Kern Co., Calif.—Until December 28, 10 a.m., bids will be received by the Board of Directors of the Wasco Public Utility District, Wasco, for the construction ot a sewage collection system.

The work involves: (length of pipe to be measured from center to center of manhole):

(1) 20,367 ft. 6-in. citrified clay pipe sewer, standard strength, including bends;
(2) 35,620 ft. 8-in. vitrified clay pipe sewer, standard strength;
(3) 14,483 ft. 10-in. vitrified clay pipe sewer, standard strength;
(4) 1550 ft. 10-in. vitrified clay pipe sewer, extra strength;
(5) 1962 ft. 12-in. vitrified clay pipe sewer, standard strength;
(6) 650 ft. 12-in. vitrified clay pipe sewer, extra strength;
(7) 11,003 ft. 15-in. vitrified clay pipe sewer, standard strength;
(8) 4287 ft. 15-in. vitrified clay pipe sewer, extra strength;
(9) 1111 8x6 wye branches, including caps;
(10) 263 10x6 wye branches, including caps;
(11) 78 12x6 wye branches, including caps;
(12) 51 15x6 wye branches, including caps;
(13) 185 manholes;
(14) 11 drop manholes;
(15) 20 flushing manholes;
(16) 3 lamp holes;
(17) 1385 ft. ¾-in. galvanized iron pipe for 20 connections;
(18) 3287 lin. ft. cutting and replacing pavement on 7th St., from Broadway to Palm Ave.;
(19) Cutting and replacing pavement consisting mostly of oil and desert mix over balance of sewers where any pavement exists.

Plans and specifications obtainable from the office of Koebig & Koebig, 820 Rosan Bldg., Los Angeles, engineers.

Funds for the project will be provided by a PWA grant of $61,363 and the sale of $75,000 in bonds. The complete project, which will include the sewage collection system, outfall sewer, and sewage disposal plant, is estimated to cost $135,435.

BIDS WANTED

SAN JOSE, Santa Clara Co., Calif.—Until December 28, 8 p.m., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for furnishing sanitary vitrified clay sewer pipe and vitrified clay outfall sewer pipe, required for construction of extensions to the San Jose sanitary sewer and collection system. The construction is being done by day labor as a WPA project.

The pipe to be furnished includes:
(1) 76,136 l.f. 6-in. vitrified clay pipe;
(2) 27,703 l.f. 8-in. do.;
(3) 14,189 l.f. 10-in. do.;
(4) 5,029 l.f. 12-in. do.;
(5) 4,824 l.f. 15-in. do.;
(6) 2,567 l.f. 18-in. do.;
(7) 12,830 l.f. 21-in. do.

Cost of the pipe is estimated at $64,000. Total estimated cost of the project, including labor furnished by WPA, is $645,922.

Specifications obtainable from the office of City Engineer W. L. Popp.

33— WATER WORKS

CONTRACT AWARDED

SACRAMENTO, Cal.—Fred Harry Eaton, N. Cleveland and Park Ave., Woodland, at $4,639 awarded contract by Major Arthur W. Parker, Constructing Quartermaster, Sacramento, for drilling and testing two gravel wall wells 250 feet deep on the site of the Army Air Corps Supply Depot near North Sacramento.

BIDS WANTED

SAN JOSE, Santa Clara Co., Calif.—The San Jose Water Works, 374 W. Santa Clara St., San Jose, is receiving bids for furnishing 10,000 ft. ¾-in., Type K, soft annealed, copper water service tubing, in 50-ft. coils.

Information obtainable from the above office.

BIDS OPENED

SAN FRANCISCO.—General Engineering & Drydock Co., 1100 Sansome St., at $1,255 each, total $10,040, submitted low bid to T. A. Brooks, Purchaser of Supplies, under Bid No. 1698, for furnishing eight valve-operating mechanisms for the San Francisco high pressure water system.

Connor Mfg. Co., at $1,855 each, total $14,840, submitted the only other bid.

METROPOLITAN WATER DISTRICT UTILITIES

December 16, 1936.

BIDS OPENED

SAN BERNARDINO & RIVERSIDE COS., Calif.—E. C. Nickel, 912 Micheltorena St., Los Angeles, at $28,937, on Schedule 1, and A. L. Gabrielson, 3316 Corner Ave., Riverside, at $9,987.08, on Schedule 2, submitted low bids to the Metropolitan Water District, Los Angeles, under Spec. No. 179, for the construction of sewer, water supply, and fire protection systems.

Work is located near Gene pumping plant, approximately 17 miles northeast of Earp, San Bernardino County, and near Hayfield pumping plant, approximately 35 miles east of Indio, Riverside County. The work to be contracted for comprises the furnishing and installing of vitrified clay sewer pipe, open joint clay spreading tile, cast iron and galvanized steel water pipe, valves, fittings, and fire hydrants and the construction of septic tanks, manholes, and a concrete water tank.

The work involves:

SCHEDULE 1

Constructing a sewer system, domestic water supply system, and fire protection system near Gene pumping plant.

(1) 4,560 c.y. excavation, all classes;
(2) 30 c.y. compacted embankment for pipe support;
(3) 280 c.y. gravel backfill for leaching system;
(4) 300 c.y. concrete in manholes, boxes, pipe supports, and pipe incasement;
(5) 39 M brick masonry for manholes;
(6) 6,100 l.f. furnishing and installing 8-in. vitrified clay sewer pipe;
(7) 600 l.f. furnishing and installing 4-in. vitrified clay sewer pipe;
(8) 1,800 l.f. furnishing and installing 6-in. drain tile for leaching system;
(9) 13,700 lbs. furnishing and installing 8-in. cast-iron pipe for sewer system;
(10) 85,000 lbs. furnishing and installing 6-in. cast-iron pipe for fire protection system;
(11) 3,900 lbs. furnishing and installing 4-in. cast-iron pipe for fire protection system;
(12) 50,000 lbs. furnishing and installing 3-in. cast-iron pipe for domestic water supply system;
(13) 1,200 l.f. furnishing and installing 1-in. galvanized steel water pipe;
(14) 1,000 lbs. welded steel pipe supports;
(15) 7,850 lbs. cast-iron manhole frames and covers;
(16) 600 lbs. steel manhole steps;
(17) 10 hydrants, furnishing and installing fire hydrants;
(18) Furnishing and installing sectionalizing valves for domestic water supply system and fire protection system, risers and blow-off valves for domestic water supply system, and cut-off valves for supply lines to houses, lump sum.
(19) Constructing septic tank, lump sum;
(20) Furnishing and installing miscellaneous material, including Redwood covers and boxes, metal plugs, etc., lump sum;

SCHEDULE 2

Constructing a sewer system, a domestic water supply system, and a fire protection system near Hayfield pumping plant.

(21) 1,800 c.y. excavation, all classes;
(22) 280 c.y. gravel backfill for leaching system;
(23) 10 c.y. concrete in manholes, boxes, and pipe incasement;
(24) 1.2 M brick, brick masonry for manholes;
(25) 950 l.f. furnishing and installing 6-in. vitrified clay sewer pipe;
(26) 650 l.f. furnishing and installing 4-in. vitrified clay sewer pipe;
(27) 1,800 l.f. furnishing and installing 6-in. drain tile for leaching system;
(28) 11,000 lbs. furnishing and installing 6-in. cast-iron pipe for fire protection system;
(29) 7,000 lbs. furnishing and installing 4-in. cast-iron pipe for fire protection system;
(30) 36,000 lbs. furnishing and installing 3-in. cast-iron pipe for sewer system and domestic water supply system;
(31) 450 l.f. furnishing and installing 1-in. galvanized steel water pipe;
(32) 360 l.f. furnishing and installing ¾-in. galvanized steel water pipe;
(33) 350 pounds cast - iron manhole frames and covers;
(34) 20 lbs. steel manhole steps;
(35) 5 hydrants, furnishing and installing fire hydrants;
(36) furnishing and installing sectionalizing valves for domestic water supply system and fire protection system, risers and blow-off valves for domestic water supply system, and cut-off valves for supply lines to houses;
(37) Constructing septic tank, including installation of pumps;
(38) Constructing domestic water tank;
(39) furnishing and installing miscellaneous material, including redwood covers and boxes, metal plugs, etc.

Complete total bids on each schedule follow:

	Sch. 1	Sch. 2	Total
(A) E. C. Nickel, Los Angeles	$28,937.00	$.....	$.....
(B) A. L. Gabrielson, Riverside	29,417.90	9,987.08	39,404.98
(C) M. G. Torson Constr. Co., Long Beach	39,550.50	.....	.....
(D) G. E. Kerns, Long Beach	.....	11,868.50	.....
(E) Bennett & Taylor, Los Angeles	39,798.50	17,657.50	57,456.00
(F) W. E. Hall, Alhambra	54,934.66	24,959.40	79,894.06
(G) Case Constr. Co., Alhambra	57,385.75	23,986.30	81,372.05

BIDS OPENED

LAKE CO., Calif. — Commercial Sheet Metal Works, 1808 S. San Pedro St., submitted low bid to the U. S. Indian Irrigation Service, Los Angeles, at $147, for furnishing and erecting one steel frame pump house at Wilton Rancheria, Sacramento County, under Invitation No. 0354. The other bids were:

Reno Sheet Metal Works, Los Angeles—$250; ½ of 1%, 20 days.

Independent Iron Works, Oakland —$329.50.

BIDS OPENED

SUN RIVER PROJECT, Montana. —E. C. Powell, Missoula and Chateau, Montana, at $21,798, submitted low bid to the Bureau of Reclamation, Fairfield, Montana, A. W. Walker, Superintendent, Sun River Project, under Spec. No. 856-D, for the construction of earthwork and structures for open drains, Greenfield's division, Sun River Project.

The work is located near Fairfield, and the principal items of work involved are:

(1) 305,000 c.y. excavation for drains;
(2) 700 c.y. excavation for structures;
(3) 12,000 c.y. backfill about structures;
(4) 75 c.y. concrete in structures;
(5) Placing 12,000 lbs. reinforcement bars;
(6) Laying 3,160 l.f. 15-in. and 24-in. corrugated metal pipe.

Work shall be commenced within 30 calendar days and completed within 210 calendar days after date of receipt of notice to proceed.

Total bids follow:

E. C. Powell, Missoula and Chateau	$21,798
Lobnitz Bros., Inc., Wolf Point, Mont.	24,196
J. L. McLaughlin, Great Falls	29,679
Tomlinson & Arkwright, Great Falls	30,791
Giant Constr. Co., Portland	31,443
T. G. Rowland, Salt Lake City	31,469
J. C. O'Connor, Butte	31,995
Barnard Cutiss Co., Minneapolis	32,972
Lease & Leigland, Great Falls	39,317
Martin C. Wunderlich, Jefferson City	44,630

BIDS WANTED

SAN FRANCISCO.—Until December 22, 3 p.m., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, under S.F.W.D. Spec. No. 130, for laying 4-in. cast-iron mains in Normandie Terrace between Broadway and Vallejo Streets.

The work involves:

(1) 320 l.f. excav. and backfill for 4-in. pipe, trench 17 in. wide by 36 in. deep;
(2) 10 c.y. additional excavation and backfill;
(3) 20 sq. ft. additional pavement removal and replacement;
(4) 320 l.f. installing 4-in. bell and spigot cast-iron pipe;
(5) 1,100 lbs. installing fittings, gate valves, etc.;
(6) 30 l.f. making joints;
(7) 110 sq. ft. repavement;
(8) 12 ¾-in. screw taps installed;
(9) 250 ft. ¾-in. copper pipe installed.

Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of $5.00. N. A. Eckart, Chief Engineer.

BIDS OPENED

BEVERLY HILLS, Los Angeles Co., Cal.—Bids for construction of improvements to the municipal water works distrbution system, PWA Project No. 1510-D, were opened by the Beverly Hills city council Dec. 8. Tne items were:

PALO ALTO—STREET IMPROVEMENT—(CITY)

PALO ALTO, Santa Clara Co., Cal. —Palo Alto Road Materials Co., 465 California St., Palo Alto, at $37,945.-81 (Alt. C, bituminous treated surfacing, plant mixed) submitted low bid to the Palo Alto Board of Public Works, City Hall, for asphaltic concrete pavement on Hamilton Ave. from Ramona to Middlefield Road, nd on Alma Street from California St. to El Carmelo Ave., a 20-ft. reinforced concrete culvert type span over Matadero Creek and storm water sewers in Bryant St. from Forest treet to Embarcadero.

The PWA has recently approved a grant of $20,070 to aid in financing the project, cost of which is estimated at $44,500.

The work involves:

1) 74,000 sq. ft. macadam base removal and replacement;
(2) 191,240 sq. ft. roadway, gutter, curb and sidewalk excavation and grading;
(3) 4,000 l.f. portland cement concrete curbing;
(4) 16,800 sq. ft. portland cement concrete gutter;
(5) 5,200 sq. ft. portland cement concrete sidewalk;
(6) 19 each, special portland cement concrete sidewalk corners;
(7) 2,945 c.y. quarry or pit-run rock base:
(8a) 2,850 tons asphaltic concrete State Standard type "B" surface.
(8b) 2,850 tons bituminous treated surfacing (plant mixed).
(8c) 1,900 tons rock asphalt.
(8) 2,850 tons asphaltic concrete;
(9) lump sum, reinforced concrete bridge with wing walls and retaining walls, 20-ft. span, 60-ft. wide;
(10) 2,135 l.f. 12-in., 16-gauge, corrugated galvanized iron pipe;
(11) 10 each, storm water inletbasins
(12) 5 each, brick manholes;
(13) 2,550 sq. ft. 6-in. portland cement concrete paving;

The estimated quantities of materials in the bridge follow:

a) 335 c.y. excavation;
b) 235 c.y. Class A portland cement concrete;
(c) 7 c.y. Class F portland cement concrete;
(d) 44,500 lbs. bar reinf. steel.

Total bids follow:

(A) Palo Alto Road Materials Co., Palo Alto, (Alt. A) $....; (Alt. B) $.....; (Alt. C) $37,945.81.
(B) Leo F. Piazza, San Jose, (Alt. A) $47,079.07; (Alt. B) $41,379.07; (Alt. C) $41,569.07.
(C) A. J. Raisch, San Jose, (Alt. A) $44,706.05; (Alt. B) $45,418.55; (Alt. C) $42,568.55.
(D) Hanrahan Co., San Francisco, (Alt. A) $57,855.65; (Alt. B) $55,-860.65; (Alt. C) $54,530.65.
(E) Peninsula Paving Co., San Francisco, (Alt. A) $58,283.90; (Alt. B) (Alt. C) $.....

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .015	$ .01	$ .025	$ .025	$ .04
(2)	.019	.023	.02	.035	.06
(3)	.50	.50	.48	.75	.50
(4)	.26	.30	.36	.38	.35
(5)	.155	.16	.15	.22	.20
(6)	32.00	34.75	35.00	45.00	50.00
) 7)	1.25	1.30	1.50	1.75	1.60
(8a)	.....	6.00	4.75	5.50	5.40
(8b)	.....	4.00	5.00	4.80	.....
(8c)	5.25	6.10	6.00	6.50	.....
(9)	6776.00	6500.00	6615.00	10000.00	6800.00
(10)	1.80	2.18	1.75	2.50	2.50
(11)	35.00	40.00	40.00	60.00	60.00
(12)	57.00	52.50	60.00	100.00	75.00
(13)	.20	.26	.24	.26	.30

The City Council has recommended to the PWA that the contract be awarded the Palo Alto Road Materials Co. at $37,945.81. The PWA recently allotted $20,070 to aid in financing cost of the project.

MARIPOSA COUNTY—TUNNEL CONSTRUCTION—Govt.

MARIPOSA CO., Calif.—Shofner & Gordon, 1807 N. Main St., Los Angeles, and Hinman Bros. Constr. Co., New Hotel Rosslyn, Los Angeles, jointly, at $392,718, submittea low bid to the Bureau of Public Roads, Federal Office Bldg., San Francisco, for construction of approximately 0.504 mi. of tunnel and portal cut, Section A5, Route 3, the Big Oak Flat Road, Yosemite National Park, Mariposa County.

The work involves:

(1) 0.6 A. clearing;
(2) 0.6 A. grubbing;
(3) 2,450 c.y. unclass. excav.;
(4) 168 c.y. do., for structures;
(5) 175 lbs. structural steel;
(6) 621 c.y. Class A cement stone masonry;
(7) 702 c.y. hand laid rock embankment;
(8) 2,167 l.f. tunnel excavation;
(9) 170 l.f. adit excavation;
(10) 180 c.y. cnamber excavation.
(11) Timbering (force account).

Total bids follow:

(A) Shofner & Gordon, and Hinman Bros. Constr. Co., Los Angeles	$392,718.00
(B) Case Construction Co., Alhambra	443,895.85
(C) Walsh Constr. Co., Los Angeles	533,191.40
(D) Bodenhamer Constr. Co., Oakland	574,845.00
(E) Engineer's Estimate	272,100.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$750.00	$500.00	$250.00	$100.00	$500.00
(2)	400.00	200.00	580.00	50.00	300.00
(3)	3.00	4.00	2.80	3.00	1.50
(4)	5.00	9.45	4.50	3.00	2.50
(5)	.20	.25	.60	.20	.10
(6)	30.00	22.50	28.00	14.00	20.00
(7)	10.00	4.00	4.20	6.00	4.00
(8)	159.00	187.00	228.00	250.00	110.00
(9)	40.00	19.00	23.00	35.00	45.00
(10)	10.00	10.00	8.50	7.00	7.00
(11)	5000.00	5000.00	5000.00	5000.00	5000.00

ITEM A-1
(a) 6500 ft. 6-in. cast iron pipe;
(b) 9900 ft. 8-in. do;
(c) 1600 ft. 12-in. do;
(d) 22 fire hydrants;
(e) 23 6-in. valves;
(f) 38 8-in. valves;
(g) 16 12-in. valves;
(h) 150 ¾-in. service cocks;
(i) 10 -in. service cocks.

ITEM A-2
(a) 2500 ft. concrete application to steel pipe line;
(b) 500 ft. surfacing.

ITEM B-1
(a) 1255 c.y. excav., includ. hauling;
(b) 2000 c.y. excav., no hauling;
(c) lump sum, tank erected;
(d) coal tar enamel substituted.

ITEM B-2
(a) 1500 c.y. excav., includ. hauling;
(b) 40 c.y. concrete walls;
(c) 30 c.y. masonry walls;
(d) lump sum, tank erected.

ITEM B-2 (Alternate)
(a) 2800 c.y. excav., includ. hauling;
(b) 30 c.y. concrete walls;
(c) 40 c.y. masonry walls;
(d) lump sum, tank erected.

ITEM C
(1) concrete puping chambers;
(2) 2 pumping units;
(3) 2 venturi registers;
(4) all electrical work;
(5) compressor and blower;
(6) all piping.

The bids were:

Marko Matick: Item A1 (a) $3125; (8) $17,622; (c) $4144; (d) $2420; (e) $736; (f) $1748; (g) $612; (h) $750; (i) $50. Item A2: (a) $4992; (b) $265. Item B1: (a) $4500; (b) $1400; (c) $19,760; (d) $950. Item B2: (a) $1,-294.50; (b) $1003; (c) $277.80; (d) $12,432. Item B2 (alternate): (a) $2416; (b) $1008; (c) $277.80 (d) $15,-550. Deduct B2 (d) $300 from B2 (d) is tank is made 16 ft. high and set 1 foot deeper. Item C: (1) $4273; (2) $2004; (3) $1247; (4) $1125; (5) $161; (6) $400.

R. H. Travers: Item A1: (a) $2.35 per l.f.; (b) $2.67 per l.f.: (c) $4.31 per l.f.; (d) $139.50 each; (e) $37.50 each; (f) $50 each; (g) $102 each; (h) $5 each; (i) $6.50 each. Item A2: (a) $470 per l.f.; (b) 30c per sq. ft. Item B1: (a) $2.50 per c.y.; (b) $2.40 per c.y.; (c) $20,979 lump sum; (d) $1100. Item B2: (a) $2.25 per c.y.; (b) $32.50 per c.y.; (c) $16 per c.y.; (d) $14,964 lump sum. Item B2 (alternate): (a) $2.75 per c.y.; (b) $32.50 per c.y.; (c) $16 per c.y.; (d) $19,700 lump sum. Item C: (1) $2250; (2) $1540; (3) $1492; (4) $3400; (5) $610; (6) $3930.

Contracting Engineers, Inc. (Ernest Levine): Item B1: (a) $1050; (b) $1800; (c) $23,389; (d) $950. Item B2: (a) $1350; (b) $1200; (c) $450. Item B2 (alternate): (a) $2520; (b) $1200; (c) $450; (d) $18,109. B2 (d) deduct 300 from B2 (d) if tank is made 16-ft. high and set 1 foot deeper. Item C: (1) $1000; (2) $1700; (3) $1000; (4) $1500; (5) $400; (6) $6,-630.

Hoagland Engr. & Const. Co.: Item B1 (a) 80c per c.y.; (b) 95c per c.y.; (c) $22,400; (d) $200. Item B2: (a) $1.50 per c.y.; (b) $35 per c.y.; (c) $15 per c.y.; (d) $7270. B2 (d) deduct $300 from B2 (d) if tank is made 16-ft. high and set 1 ft. deper. Item C: (1) $1140; (2) $1600; (3) $1,-000; (4) $2500; (5) $550; (6) $4960.

W. J. Tobin: Item A1: (a) $1.60 per l.f.; (b) $1.90 per l.f.; (c) $3.40 per l.f.; (d) $145 each; (e) $32.50; (f) $50 (g) $100; (h) $4 each; (i) $5 each. Item A2: (a) $2.25 per l.f.; (b) 25c per sq. ft.

Fred W. Weber: Item A1: (a) $1.53 per l.f.; (b) $1.74 per l.f.; (c) $3.08 per l.f.; (d) $134.70 each; (e) $38.25 each; (f) $55 each; (g) $108.75 eacn; (h) $4.80 each; (i) $5.75 each. Item A2: (a) $1.93 per l.f.; (b) 40c per s.f.

Western Pipe & Steel Co. of Calif.:

ALAMEDA COUNTY—0.4 MI. GRADING, ETC.—(State)

ALAMEDA COUNTY, Cal.—Jones & King, Jackson St., Hayward, at $8,435 submitted low bid to the State Division of Highways, J. H. Skeggs, District Engineer, San Francisco, for about 0.4 mile grading and widening existing roadbed with plant-mixed surfacing, in Alameda County on Castro Hill.

The work involves:
(1) 25,000 gals. water, in place;
(2) 5,600 c.y. roadway excav., unc.;
(3) 21 sta. finishing roadway;
(4) 900 tons crusher run base, in place;
(5) 760 tons mineral aggregate, in place (plant-mixed surf.);
(6) 40 tons liquid asphalt, MC-5, in place (plant-mixed surfacing);
(7) 2.5 tons liquid asphalt, MC-2, in place (prime coat);
(8) 3 tons liquid asphalt, MC-3, in place (seal coat);
(9) 30 tons screenings, in place (seal coat);
(10) 80 l.f. guard railing moved and reset.

Total bids follow:
(A) Jones & King, Hayward, $8,435.
(B) E. A. Forde, San Anselmo, $10,-365.50.
(C) W. H. Larson, Oakland, $10,454.
(D) Independent Const. Co., Oakland $11,360.00.
(E) Frank Embleton, Berkeley, $11,-975.00.
(F) Lee J. Immel, Berkeley, $12,087.-37.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$2.00	$2.00	$2.00	$1.50	$2.00	$2.00
(2)	.49	.60	.65	1.00	.75	1.00
(3)	10.00	8.00	10.00	6.00	5.00	5.00
(4)	2.30	2.85	2.50	2.00	2.75	2.50
(5)	2.70	3.50	3.50	3.40	4.50	3.76
(6)	14.50	18.00	15.00	15.00	20.00	15.00
(7)	23.00	25.00	28.00	25.00	40.00	25.00
(8)	23.00	25.00	28.00	25.00	40.00	25.00
(9)	2.75	3.50	3.00	25.00	3.50	3.24
(10)	.65	.75	1.00	.50	.75	.50

MONTEREY CO.—CASTRO CANYON BRIDGE—(State)

MONTEREY COUNTY, Cal.—E. T. Lesure, 87 Ross Circle, Oakland, at $42,517.75 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a steel beam bridge with concrete deck across Castro Canyon, about 35 miles south of Monterey, consisting of one 51-ft. span, two 50-ft. spans, and two 42-ft. spans.

The work involves:
(1) 3 sta. clearing and grubbing;
(2) 1,600 c.y. structure excavation;
(3) 46,000 lbs. bar reinf. steel;
(4) 490 c.y. Class A portland cement concrete;
(5) 193,000 lbs. struc. steel;
(6) 520 l.f. timber railing;
(7) 57 l.f. copper seal strips;
(8) 1 lot misc. items of work.

Total bids follow:
(A) E. T. Lesure, Oakland, $42,517.75.
(B) Alfred H. Vogt Co., Inc., San Francisco, $43,552.00.
(C) Peter McHugh, San Francisco, $43,681.75.
(D) F. O. Bohnett, Campbell, $44,-512.00.
(E) Lindgren & Swinerton, Oakland, $45,737.00.
(F) R. R. Bishop, Long Beach, $46,-521.00.
(G) F. C. Amoroso & Sons, San Francisco, $51,147.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$300.00	$100.00	$250.00	$400.00	$200.00	$3000.00	$1100.00
(2)	3.50	7.00	3.00	3.50	5.00	1.50	6.00
(3)	.07	.055	.056	.065	.055	.07	.07
(4)	29.00	25.00	29.00	26.00	29.00	27.00	30.00
(5)	.08	.075	.088	.10	.09	.083	.085
(6)	2.50	2.00	1.20	1.50	2.00	1.50	2.00
(7)	.75	1.00	.75	1.00	1.00	1.00	2.00
(8)	900.00	1000.00	3000.00	1000.00	1250.00	900.00	1868.00

INYO COUNTY—17.6 MI. GRADING—(State)

INYO COUNTY, Calif. — Peninsula Paving Co., 9 Main St., San Francisco, at $168,125.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 17.6 miles grading in Inyo County between 3.5 miles east of Saline Valley Road and Panamint Sink.

The work involves:
(1) 292 sta. grader work;
(2) 214,000 c.y. rdwy. excav. unclass.
(3) 290,000 sta. yds. overhaul;
(4) 1,000 c.y. struc. excav.;
(5) 100 c.y. ditch excavation;
(6) 11,000 c.y. imported borrow;
(7) 1,000 l.f. 18-in. CMP;
(8) 300 l.f. 24-in. do;
(9) 350 l.f. 30-in. do;
(10) 100 l.f. 36-in. do;
(11) 130 l.f. 48-in. do;
(12) 54 each culvert markers;
(13) 291 each monuments complete in place.

NOTE: The state will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Total bids follow:
(A) Peninsula Paving Co., San Francisco, $168,125.50.
(B) Morrison-Knudsen Co., Inc., San Francisco, $186,809.00.
(C) D. W. Thurston, Los Angeles, $197,254.75.
(D) A. Teichert & Son, Inc., Sacramento, $217,728.50.
(E) Isbell Const. Co., Reno, $219,-905.50.
(F) Basich Bros., Torrance, $238,749.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$10.00	$33.00	$30.00	$17.50	$40.00	$150.00
(2)	.68	.76	.81	.91	.88	.78
(3)	.01	.015	.01	.01	.02	.015
(4)	3.00	2.00	1.50	3.00	2.00	3.00
(5)	1.50	1.00	1.10	3.00	2.00	2.00
(6)	1.00	.66	.68	.75	.82	1.50
(7)	.60	.40	.60	.75	.75	1.00
(8)	.75	.50	1.00	.90	.75	1.25
(9)	.75	.60	1.25	1.10	.75	1.50
(10)	.80	1.00	2.10	1.25	1.00	1.75
(11)	1.00	1.50	2.80	1.75	1.50	2.00
(12)	3.50	3.00	3.00	4.00	3.50	3.50
(13)	4.00	6.00	3.75	5.00	4.00	5.00

Item B1: (a) 60c per c.y.; (b) $1 per c.y.; (c) $20,850; (d) $590. Item B2: (a) $2.50 per c.y.; (b) $20 per c.y.; (c) $20 per c.y.; (d) $7400. B2 (a) deduct $400 from B2 (d) if tank is made 16 ft. high and set 1 ft. deeper.

Chicago Bridge & Iron Co.: Item B1: (a) 60c per c.y.; (b) 37c per c.y.; (c) $21,090; (d) $660. Item B2: (a) $1.29 per c.y.; (b) $23.65 per c.y.; (c) $23.65 per c.y.; (d) $8685. B2 (d) deduct 5350 from B2 (d) if tank is made 16 ft. high and set 1 ft. deeper.

The bids were referred to Taylor & Taylor, consulting engineers, 725 S. Spring St., Los Angeles. 3

BIDS WANTED

SAN FRANCISCO.—Until December 22, 3 p.m., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, under S.F.W.D. Spec. No. 129, for laying of a 6-in. cast-iron main in 30th Ave., from Moraga Street southerly.

The work involves:

(1) 440 l.f. excav. and backfill for 6-in. pipe, trench 17 in. wide by 36 in. deep;
(2) 10 c.y. additional excavation and backfill;
(3) 90 sq. ft. additional pavement removal and replacement;
(4) 440 l.f. installing cast-iron bell and spigot pipe;
(5) 1,000 lbs. installing fittings, gate valves, etc.;
(6) 53 l.f. making joints;
(7) 800 sq. ft. repavement.

Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of $5.00. N. A. Eckart, Chief Engineer.

BIDS REJECTED

OAKLAND, Alameda Co., Calif.—The East Bay Municipal Utility District, John Kimball, Secretary, has rejected all bids received under Spec. No. L.S. 187, for furnishing and erecting a 1,000,000-gal. steel storage tank at the Berkeley View Terrace site.

34— PARKS AND PLAYGROUNDS

BIDS WANTED

SAN GABRIEL, Los Angeles Co., Calif.—Until January 4, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the United States Post Office at San Gabriel.

35— TUNNELS

BIDS WANTED

AMADOR COUNTY, Cal.—Bids are being received by the China Garden Mining Co., J. F. O'Neil, Superintendent. Pioneer Station (near Jackson) for construction of about 200 feet of mining tunnel, 5x7-ft., in dicrite.

Information obtainable from Mr. O'Neil.

CONTRACT AWARDED

ALAMEDA-CONTRA COSTA Cos., Calif.—R. G. Clifford, 215 Market St., San Francisco, at $5.95 per bbl., total $29,750, awarded contract by the Bd. of Directors of Joint Highway District No. 13, for completion of grouting in tunnels around concrete lining already installed in the Broadway Low Level Tunnel, Schedule "B," involving 5,000 bbls. of cement.

Complete bids published December 7.

Wallace B. Boggs, Chief Engineer.

REJECTION RECOMMENDED

ALAMEDA-CONTRA COSTA Cos., Calif.—The Board of Directors of Joint Highway District No. 13 has recommended to the PWA that all bids for completion of air ducts, paving, etc., of the Broadway Low Level Tunnel, Schedule "C," be rejected and that the District be permitted to do the work by day labor.

Fred J. Early, Jr., San Francisco, at $498,862.50, submitted the lowest bid received December 9.

Wallace B. Boggs, Chief Engineer.

BIDS WANTED

YERBA BUENA SHOALS.—Until December 28, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Customhouse, S. F., under Bid No. 868-37-107, for seven core borings on Yerba Buena Fairsite, as follows:

(1) 38 l.f. overburden drilling;
(2) 292 l.f. core drilling.

Specifications obtainable from the above office.

CONTRACT AWARDED

SAN FRANCISCO.—Robert Garcia Well Drilling & Pump Co., 2045 University Avenue, Palo Alto, at $6,515 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,900, for making final test borings on the Parker Avenue slide between Turk and Anza Streets.

REJECTION RECOMMENDED

MARIPOSA COUNTY, Cal.—District Engineer C. H. Sweetser, Bureau of Public Roads, Federal Office Bldg. San Francisco, has recommended the rejection of all bids received December 15 for construction of 0.504 mile of tunnel and portal cut, Section A5, Route 3, the Big Oak Flat Road, Yosemite National Park, Mariposa Co.

Shofner and Gordon and Hinman Bros. Const. Co., Los Angeles, submitted the lowest bid at $392,718. Engineer's estimate, $272,100.

YAVAPAI & COCONINO COS., ARIZONA—1.872 Mi. Grading—Govt.

YAVAPAI & COCONINO COS., Arizona.—Lee Moor Contracting Co., 807 Bassett Tower, El Paso, Texas, at $47,381.80, as previously reported, submitted low bid and recommended for award of contract by the Bureau of Public Roads, New Post Office Bldg., Phoenix, for 1.872 miles of grading on Section K of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai and Coconino Counties, Ariz.

The work involves:

(1) 11.5 A. clearing;
(2) 11.5 A. grubbing;
(3) 46,500 c.y. unclass. excav.;
(4) 800 c.y. do. for structures;
(5) 8,400 c.y. do. for borrow;
(6) 351,000 sta. yds. overhaul;
(7) 2,600 l.f. furrow ditches;
(8) 127 c.y. Class A concrete;
(9) 48 c.y. Class D concrete;
(10) 17,000 lbs. reinforcing steel;
(11) 0.16 MFBM untreated timber;
(12) 240 c.y. cement rubble masonry;
(13) 470 l.f. 24-in. C.G.S.M.P.;
(14) 212 l.f. 30-in. do.;
(15) 122 l.f. 36-in. do.;
(16) 48 l.f. 42-in. do.;
(17) 138 l.f. remove, clean and relay existing CMP;
(18) 8 each, right-of-way monuments;
(19) One cattle guard (four-unit);
(20) 2,360 l.f. barbed wire fence;
(21) 1,320 l.f. special fence;
(22) 1,550 l.f. remove exist. fence.;
(23) One Type 1 gate;
(24) 26 each, culvert markers.

Total bids follow:

(A) Lee Moor Contr. Co., El Paso $47,381.80
(B) Geo. W. Orr, El Paso 50,491.44
(C) Fisher Constr. Co., Phoenix 52,313.10
(D) Skousen Bros., Albuquerque, N. M. 54,048.20
(E) Pearson & Dickerson, Prescott 57,712.30
(F) H. J. Hagen, Globe 58,873.50
(G) N. G. Hill Co., Phoenix 63,816.00
(H) Packard Contr. Co., Phoenix 65,296.20
(I) Ernest W. Everly, Albuquerque 66,033.20
(J) All Arizona Engr. & Constr. Co., Clifton 66,113.30
(K) Ken Hodgman, Phoenix 70,303.40
(L) Bennett & Taylor, Los Angeles 76,037.85
(M) Engineer's Estimate 58,941.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1)	$15.00	$60.00	$20.00	$40.00	$100.00	$50.00	$200.00	$50.00	$100.00	$50.00	$100.00	$150.00	$150.00
(2)	10.00	60.00	25.00	40.00	20.00	50.00	200.00	75.00	50.00	50.00	100.00	50.00	75.00
(3)	.62	.55	.62	.66	.70	.75	.65	.75	.87	.85	.92	.93	.73
(4)	1.25	1.25	1.50	2.50	2.00	2.00	1.50	2.50	2.00	2.00	1.50	3.55	1.75
(5)	.25	.55	.40	.33	.60	.40	.60	.50	.40	.60	.75	.97	.50
(6)	.005	.008	.01	.01	.0075	.01	.02	.02	.0075	.009	.005	.0055	.005
(7)	.04	.05	.08	.12	.10	.15	.10	.10	.10	.07	.08	.15	.10
(8)	22.50	26.00	25.00	23.00	25.00	24.00	25.00	35.00	28.00	28.00	27.00	35.25	24.00
(9)	24.50	30.00	26.00	26.00	25.00	25.00	24.00	36.00	30.00	28.00	27.00	30.00	25.00
(10)	.06	.06	.055	.06	.06	.06	.06	.05	.07	.08	.06	.08	.06
(11)	100.00	500.00	100.00	200.00	130.00	200.00	200.00	150.00	100.00	200.00	200.00	150.00	150.00
(12)	17.00	18.00	26.00	16.00	16.00	16.00	22.00	16.00	19.00	18.00	19.00	17.00	19.00
(13)	2.60	2.67	2.65	3.00	2.50	3.00	3.00	2.70	3.70	3.00	4.00	3.75	3.00
(14)	3.30	3.42	3.40	4.00	3.00	4.00	4.00	3.30	4.50	3.70	5.00	4.90	4.00
(15)	5.00	5.00	5.40	5.00	5.00	5.50	5.00	5.30	5.00	5.70	6.00	7.75	6.00
(16)	6.00	7.00	6.15	8.00	6.00	7.00	8.00	6.50	6.00	8.00	7.50	9.00	8.00
(17)	1.25	3.00	1.00	1.50	2.50	1.00	2.00	1.00	1.00	1.50	1.75	2.50	1.25
(18)	3.00	5.00	5.00	5.00	5.00	3.50	3.00	5.00	5.00	4.50	3.00	4.00	3.50
(19)	650.00	650.00	700.00	650.00	800.00	750.00	600.00	700.00	800.00	700.00	550.00	600.00	700.00
(20)	.07	.10	.08	.07	.15	.10	.10	.15	.10	.10	.10	.10	.10
(21)	.15	.30	.25	.25	.45	.20	.20	.20	.16	.20	.12	.14	.20
(22)	.03	.03	.03	.04	.04	.05	.04	.05	.05	.03	.05	.10	.05
(23)	15.00	30.00	20.00	25.00	25.00	25.00	20.00	25.00	15.00	30.00	26.00	20.00	25.00
(24)	2.50	3.00	5.00	2.00	2.50	2.50	3.00	3.50	5.00	2.00	3.00	2.00	2.50

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GATE BRIDGE APPROACH ROAD BIDS CALLED

City To Construct $48,000 Presidio Viaduct Feeder

Bids for the construction of Richardson Avenue, a Golden Gate Bridge feeder street, have been called for December 30 by the San Francisco Board of Public Works. The project is estimated to cost $48,000 by City Engineer John J. Casey.

Richardson Avenue, a portion of State Highway Route No. 2, will run from Broderick and Lombard Streets to Lyon Street near Bay Street at the boundary of the Presidio of San Francisco. It will connect with the bridge approach through the Presidio for which piles are being driven by M. B. McGowan, Inc., at the contract price of $18,513.25. Following the driving of the piles which has been held up due to strike conditions, the superstructure will be constructed by the WPA. Piles for the project were ordered by rail at an additional charge of approximately $2500.

Traffic on Richardson Ave. will continue down Lombard Street to Van Ness Avenue and into the heart of the city. All these streets are part of the State highway system. Money for the project will be appropriated from the State gasoline tax fund.

Richardson Avenue will be a 2-lane highway with an asphaltic concrete surface.

Principal items involved in the work are: 6000 cubic yards excavation; 69,600 square feet asphaltic - concrete pavement; 10,700 sq. ft. 8-in. concrete pavement; 30,200 square feet 6 by 2-in. asphalt- concrete pavement; 1814 lineal feet C. C. pipe sewer of various sizes; relocation of a high pressure hydrant; 43 tons asphaltic concrete binder; 62 tons asphaltic concrete wearing surface, and 18,000 square feet two-course concrete sidewalk.

Plans and specifications for the project may be obtained from the office of City Engineer John J. Casey, Room 351, in the City Hall, upon deposit of $10.00.

Employer Responsible For Registration of Pension Act Eligibles

Under Treasury Department regulations, employers of one or more persons coming under Federal old-age retirement benefits provisions of the Social Security Act are responsible for the filing of applications for an old-age benefit account number on behalf of their employees.

Regulations No. 91 of the Bureau of Internal Revenue provide that employers after January 1 must make periodic reports to the bureau in which the account number of each employee will be listed as the means of assuring proper credit to the employee's account for wages earned and taxes paid.

'Inasmuch as employers will eventually have to make sure that every employee has a Social Security Account Number in order to make required reports to the Treasury, it is evident," the board's statement said, 'that the more employees who file their applications now, the fewer will be the cases in which the employers will have to take action later."

Circumstances under which employers are required to fill out and file applications for employees are defined by Treasury Decision 4704 as follows:

"If an individual who is an employee on the last day of the period covered by any information return (see articles 402 to 405, inclusive, of Regulations 91) has failed to file an application for an account number on Form SS-5, the employer shall file an application for the employee on or before the tenth day after such last day. If an employee has failed to file an application on Form SS-5 prior to the date he attains age 65, or the date he dies before attaining age 65, or the date he leaves the service of the employer, the employer shall file an application for the individual on or before the tenth day after such date."

An employee, according to the Treasury Department's Decision, must advise his employer as to the number of his acount as soon as he receives it.

NEW FIGURES FOR TUNNEL JANUARY 12

Bureau Extends Completion Time In Readvertising Yosemite Job

Contract for constructing a 2,-167-foot tunnel on the Big Oak Flat Road at the north entrance to Yosemite Valley was ordered readvertised yesterday by District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads. Bids received December 15 were rejected as excessive. The low bid was submitted by Shofner & Gordon and Hinman Bros. Construction Co. Los Angeles, at $392,718.

No change has been made in the specifications, but the time for completion has been extended to 325 days. The new bids will be received January 12.

Low bid on the tunnel excavation item was $159 per lineal foot on the previous opening against an engineer's estimate of $110. The Bureau estimates are based on reported costs from two short tunnels completed this year by force account in the vicinity of the proposed bore.

The new tunnel is one of the last links to be constructed in a new road into Yosemite Valley which replaces the existing narrow and winding Big Oak Flat route.

BRIDGE HANDLING 90% OF BAY TRAFFIC

The San Francisco-Oakland Bay Bridge from the day of opening, November 12, through November 30, handled more than ten times the volume of traffic carried by transbay ferries, it is reported by the Toll Bridge Authority. During that period 664,598 vehicles crossed the bridge. Ferry companies carried only 60,340.

The ferries, from November 1, through November 11, carried 296,-065 vehicles, an average of 26,915 daily. After the bridge opening the ferry traffic averaged only 3,180 daily, while the bridge carried an average of 34,978 daily.

COLO. AQUEDUCT HALF COMPLETED; 8,500 EMPLOYED

District Will Deliver Water In 1939 To Los Angeles Metropolitan Area

Marking completion of the first four years of construction on the Metropolitan Water District Aqueduct, progress reports received by General Manager F. E. Weymouth reveal that the 392-mile water supply system is today more than half completed.

Construction of the Colorado River Aqueduct, which will eventually carry a billion gallons of water a day to consumers in the water district, was started in December, 1932. During the past four years 102 miles of tunnels have been excavated, 73 miles of which have been lined with concrete and completed.

In addition to the tunnels, more than 133 miles of canals, conduits, and siphons have been concreted, 4,200,000 cubic yards of earth have been placed and compacted in the building of the aqueduct's terminal reservoir near Riverside, and 150 miles of electric power transmission lines have been erected to carry electrical energy from Boulder Dam to the five metropolitan aqueduct pumping plants now under construction.

December, 1932, brought to a close the years of preliminary investigation and studies on the giant aqueduct project, and during that month the first steps were taken toward actual construction of the water supply system. Because of the desolate region in which the eastern portion of the metropolitan aqueduct is located, it was first necessary to build hundreds of miles of roads, water systems, power and telephone lines, and living facilities to prepare for the army of construction men who were employed on the work.

Employment records of the water district show that since construction was started four years ago on the aqueduct, more than 26,000 men have been directly employed on the work, and approximately 35 million dollars have gone directly into pay checks distributed to these workers—all of whom are residents of the thirteen cities now comprising the Metropolitan Water District.

At the present time 8,500 men are directly employed on the construction of the aqueduct, and officials of the district estimate that another 25,000 workers are employed in manufacturing establishments throughout the nation supplying the materials and equipment used on the big job. Construciton material being used this year will amount to approximately 22,000 carloads.

During the year 1936, the board of directors of the water district has received requests for information relative to annexing to the district from areas totaling approximately 400,000 acres of land extending from Ventura County to the city of San Diego. The board recently ruled that Colorado River Aqueduct water will only be sold to members of the water district, and that outside areas must first be annexed to the district before water can be delivered to them.

Based on present estimates, water district officers believe that the metropolitan aqueduct will be put into operation early in 1939. Comprising the district at the present time are the cities of Anaheim, Beverly Hills, Burbank, Compton, Fullerton, Glendale, Long Beach, Pasadena, San Marino, Santa Ana, Santa Monica, Torrance and Los Angeles.

Year's Building In Fresno Near Annual Record

Building permits issued in Fresno up to December 16 of this year attained the third highest value in the city's history it was announced last week following an analysis of the building figures which revealed the total worth of permits to be $2,105,107.

This is exceeded by the total of $3,095,062 registered in 1925 and $2,690,978 achieved in 1927. The large totals reached in these years were largely the result of several large construction projects including department stores, schools and theatres which were started at that time.

That general building conditions are much better this year is indicated by the fact that permits were issued for 215 single family dwellings costing $852,741, and 19 multi-family dwellings valued at $88.-225. No unusually large projects were begun.

Building men regard the number of permits issued for modernization jobs as particularly impressive. For this purpose, 1,011 permits have been issued to single family dwelling owners for expenditures totalling $213,390, 35 totalling $15,383 for multi - family dwellings, and more than $20,000 in permits for minor improvements.

New building permits thus far this year total 453 for $1,317,781, and permits for alterations total 1,825 for $786,326. April figures exceed those of any other month with a total of $316,660 in permits approved. October was second with 54 new building and 301 alteration permits representing an aggregate of $210,834.

A check of this month's totals showed 90 permits issued for construction valued at $82,372. While several large projects are being planned it is believed unlikely that the total for the balance of the month will be large enough to boost the yearly figure over the 1927 total.

$150,000 BRIDGE RECONSTRUCTION BIDS JANUARY 2

Sutter County Board Offers PWA-Aided Nicolaus Span Contract

Bids for the reconstruction and repair of the Nicolaus Bridge across the Feather River in Sutter County have been called for Jan. 2 by the county board of supervisors. A PWA grant of $73,850 will aid in financing the project which is estimated to cost $150,000. Ed von Geldern, Yuba City consulting engineer, prepared the plans and specifications for the job.

The work will include the replacing of three timber combination spans with one 200-foot and two 169 - foot steel spans. Also two steel deck spans are to be replaced with 80-ft. steel pony trusses. Reinforced concrete floors and curbs are to be constructed and the existing 200-foot combination swing span is to be floored with Redwood plank and mineral asphalt plank wearing surface.

Principal items include: 1,020,-000 pounds structural steel; 101,-150 pounds reinforcing steel; 536 cubic yards Grade A Portland cement and 30,000 FBM Redwood timber. Specifications also call for 5,300 square feet 1-inch mineral surfaced asphalt plank, in place, and 480 lineal feet Douglas fir piling, in place.

Plans and specifications may be obtained from Ed von Geldern, Second and C Streets, Yuba City, upon deposit of $10.00.

FEE EXEMPTION VOTED FOR FLAT OWNERS

An ordinance exempting owners of four to six flat dwellings from paying the apartment house license fee has been passed at second reading by the San Francisco Board of Supervisors and is expected to be approved within two weeks.

The amendment to the ordinance reads: "Expressly excluding from the said definition of an apartment house and the operation of this ordinance four to six flat dwellings."

The change was proposed to the Supervisors following prolonged agitation by owners of small flats for a change in the apartment tax set-up exempting them from tax payments. The tax on apartment houses of less than 20 rooms is $4 per year, and for houses of 29 to 29 rooms, $6 per year.

Since small flats make little demand upon the city for inspection services, the cost of which is covered by the tax funds, and the income from such properties is comparatively small it is believed that the assessment of the tax is unwarranted.

LUMBER INDUSTRY TO SHOW HOMES IN 1,000 CITIES

Nation-wide Demonstration Is Planned To Cultivate A Low-Cost Market

Demonstration of the advantages of all-lumber home construction on a nation-wide scale is to be undertaken in 1937, it was decided last week at a meeting of lumber manufacturers and retailers in Madison, Wisconsin. This group endorsed a program for building model houses next year in 1,000 cities.

"The spring program of the lumber industry will show," acording to Wilson Compton, secretary and manager of the National Lumber Manufacturer's Association, "that modern, well designed, small homes can be built throughout the United States at prices people can afford to pay."

The homes will be built with local labor, at market prices for materials, and as single houses which any one wanting to own a home might arrange to build.

"With modernized methods of financing and new willingness on the part of industry and government to cooperate, it has now become possible," says Dr. Compton, "for practically every employed man in the United States—those in the 71 per cent of the population with incomes of $2000 and under, as well as for those who earn more than $2000 a year—to provide a home for his family.

"The program of the lumber industry comes as a result of serious study. Data accumulated by government departments interested in housing, has been analyzed and the findings used as a basis of judging the needs and wishes of the American people for adequate modern houses."

Each small home unit will parallel one of the three demonstration homes built recently in Washington, D. C., following F.H.A. small house designs "B", "D" and "E" in technical bulletin No. 4. These small homes upon which the attention of lumber dealers of the entire nation has been focused during the past three months were built originally to prove that such houses could be properly constructed in lumber and completed for the figures set by the government estimates.

Meetings of all regional associations of the lumber industry in January and February will be addressed by representatives of the F.H.A., who will explain the requirements covering applications of home builders for insured government mortgage loans. Detailed information about building the low cost houses will be given through the showing of films outlining details of construction and of models of the houses.

$50,000 City Hall Contract Advertised By Santa Cruz

Bid dates for two new building jobs were announced yesterday by Architect C. J. Ryland.

The Santa Cruz City Council will receive proposals for the contract on the first unit of the new city hall on January 18. The city has $54,000 in its own funds and a PWA grant for the job. The building is to be one- and two-stories of reinforced concrete to house the mayor's office, water department, police department and jail.

The new structure is being built on the unit plan in order to pay for it from current revenues and to avoid a bond issue. An early start on the second and third units, estimated to cost about $60,000, is planned. The council has authorized an application to PWA for a 45 per cent grant toward the additional units.

Mr. Ryland also announced that new bids would be received January 5 by the Santa Rita School District in Monterey County for erecting a one-story frame and stucco building. This also is a P W A job for which about $22,000 is available. On a previous bid opening the low bid of F. C. Stolte, San Simeon, at $24,400 was rejected.

HEAVY SENTENCE FOR STATE LAW VIOLATOR

Paul H. Breithaupt, general contractor of Palm Springs, is now serving a term of 150 days on the county road camp detail and his brother, Harry R. Breithaupt, is sought by the authorities on complaint of a violation of the Contractors' License Law made by Inspector Jess Aykroyd of San Diego, it is reported by State Registrar of Contractors Earl S. Anderson.

The charge was conspiracy to violate the provisions of the Contractors' License Law and failure on the part of Paul Breithaupt to secure a license as required by the act.

According to the records in the Registrar's office, a complaint was filed some months ago by Miss F. C. Drummond of Palm Springs against Harry R. Breithaupt, in connection with the method of construction and the use of funds on a $2,910.00 home for herself. Paul Breithaupt, previously licensed by the bureau, actually signed the contract, but used the name of his brother, Harry R. Breithaupt, who was at the time licensed. As the result of the complaint of Miss Drummond, the registrar ordered that the license of Harry Breithaupt be revoked and that the records continue to stand against future issuance of a license to either Harry or Paul Breithaupt.

SANSOME STREET OFFICE BUILDING CONTRACT LET

Lindgren & Swinerton To Start Insurance Company Job In February

Construction is to start in February on the new six-story building for the Insurance Company of North America at 222-230 Sansome Street, it is announced following award of a contract to Lindgren & Swinerton. An existing frame structure on the site is being demolished.

The new building has been designed in the office of George Kelham. It will be six stories in height, constructed so that floors may be added when required. The ceilings are to be treated with acoustical material throughout. Mechanical ventilation is to be installed. The elevator plant will consist of two high-speed cars.

First three floors of the new building are to be occupied by offices of the Insurance Company of North America. Other floors will be leased. Each floor will contain about five thousand square feet.

INSPECTOR ELIGIBLES WIN CITY POSTS

All members of the recently issued eligible list for the position of building inspector, with the exception of 16 members who waived due to the fact that the jobs offered were temporary, will be on the city payroll by December 24, the San Francisco Civil Service Commission announced yesterday.

Lester C. Bush, who headed the list, has been appointed building inspector to fill the only permanent position open at this time.

Frank L. Schultz, Bennett H. Bowley, and Geo. L. Buckingham have been named building inspectors under the emergency appropriation ordinance recently approved by the Board of Supervisors. They will serve until June 30, 1937.

Twelve other men from the list have indicated their willingness to serve as temporary civil engineering inspectors under City Engineer John J. Casey of the Department of Public Works. Of these, five are already at work and the other seven will be placed tomorrow.

They are: Francis H. Stewart, Roy C. Okerman, Henry F. Kay, Ray J. Kotta, David R. Lewis, Philip L. Rezos, Herman G. Koepff, Milton F. Mitchell, Chas. A. Blume, Joseph C. Stuart, Geo. R. Monks, and Melvin Bradlow.

The sixteen men who waived the call or have not answered are permanently employed in other lines at this time and will not accept temporary employment, the Commission stated. Their standing on the list will not be altered in any way in the event that permanent positions are open at a later date.

39,000 WAITING FOR APARTMENTS IN PWA PROJECTS

Two Applicants For Each Unit Available In Low-Rent Housing

Virtually two families have registered for every living unit now under construction in PWA's national slum clearance and low-rent housing program, Howard A. Gray, director of housing, reports.

With approximately 22,000 units to be available, some 39,000 families have signified their desire to live in the 51 PWA housing projects.

Latest reports from the projects show a weekly influx of applications totaling more than 1,000. Although some of the projects have little more than foundations to offer as a prospectus to home-seekers, low-income families have insisted on registering in every one of the 36 cities in the United States in which slum clearance and low-rent housing projects are being constructed.

In New York City, where two projects will furnish homes for not more than 2,000 low income families, and where the project most advanced in construction, Harlem River Houses, is about 16 per cent complete, nearly 20,000 applications have been registered. These 20,000 families from New York City alone would occupy more than 91 per cent of the dwellings in the Federal Government's entire slum clearance program. With applications streaming into the New York projects at the rate of 500 per week, it is not at all hazardous to say that before the homes are ready for tenants, more applications will have been registered at these two project sites than could be accommodated in all the remaining 49 Federal slum clearance and low-rent housing developments in the United States.

In Cincinnati, although superstructures for the $6,500,000 Laurel Homes development are just getting under way, more than 100 applicants have been registered.

In Milwaukee, where construction of the $2,800,000 Parklawn project is 71 per cent complete, 1,432 applications have been registered for the 518 dwelling units which will be available when the project is completed. Hill Creek Homes in Philadelphia, where general construction has just begun, has received bids from over 400 prospective tenants for the 278 dwellings planned.

Techwood Homes, recently completed Atlanta project, has been selecting tenants for its 604 dwelling units from among 3,450 applications. In compliance with the George Healey Act, the tenants in Techwood Homes and all the Housing Division projects must be selected from among the group which cannot, because of a limited income, secure decent housing thru private enterprise.

PRICE AVERAGE AT 6-YR. HIGH

Average prices for building materials reached the highest point since July, 1930, in the week ending December 5, on the U. S. Bureau of Labor Statistics index. The week showed a rise of 0.7 per cent to 88.4 per cent of the 1926 average. Increases were noted during the week in structural steel, yellow pine lath, chestnut, cypress lumber and shingles, Douglas fir sheathing and drop siding, Ponderosa pine, California redwood spruce, butyl acetate, chinawood oil, rosin, gravel, sand, wire nails and cast iron pipe. A decline in prices was shown for floor and wall tile, yellow pine flooring, turpentine and sewer pipe.

CONTRACTOR ON BRIDGE PAVING ERECTING PLANT

Pouring of Concrete In Suspended Span To Start; 860 Men Are Employed

Construction on the Golden Gate Bridge is on a schedule to assure opening of the structure for traffic in May, according to Chief Engineer Joseph B. Strauss. Principal work on the main structure consists in riveting, cable wrapping and preparations for pouring the concrete deck.

The four traveler derricks employed by the Bethlehem Steel Company in the erection of the suspended structure steel have been dismantled, the remainder of the Bethlehem contract consisting of riveting and painting, which will continue for at least another month depending on weather conditions.

The Pacific Bridge company has commenced the erection of forms and reinforcing steel at Pylon Sl. Paving equipment, including tram rails, is being installed on the center span and erection of the concrete tower from the south pier has been completed.

According to the chief engineer the big arch over Fort Winifield Scott will be completed by the end of this week. On the high viaduct of the east approach road through the Presidio painting and the installation of the curb and railing are under way.

Paving operations also are being continued on the south approach span, with the center strip complete and work this week is going forward on the east strip.

Five wrapping machines are working on the cables, four on the west and one on the east tower. A sixth machine was to be installed this week.

Approximately 860 men were employed on the several contracts this week, with an additional 400 workers on the Sausalito lateral approach and other WPA units.

DOUGLAS FIR RAIL ORDERS REACH RECORD

Buyers Establish Huge Backlog Awaiting Restoration Of Water Delivery

Lumber orders for railshipment reported by Douglas fir mill members of the West Coast Lumbermen's Association in the week ending December 12 reached the largest total on record for this class of business. The reported volume was 96,793,055 board feet.

This volume represents, according to lumbermen, an increased rail demand due to the inability of buyers to secure usual water shipments to California and the Atlantic Coast, and also heavy purchases by retailers, distributors, railroads, and industries in the eastern and mid-western sections, chiefly to fill in stocks which are reported as extremely low. Buying for rail shipment has increased in volume consistently since the maritime strike began, the association stated. Some business has also been placed during the strike for water shipments to be moved after waterfront operations are resumed.

As a result of these heavy purchases during the time when shipments were extremely low, the unfilled order file of the industry has increased from 462,818,000 board feet for the week ending October 31, to 694,034,000 board feet for the week ending December 12. Lumbermen estimate the business sold ahead is sufficient to carry the industry on a normal operating program for at least sixty days if ocean shipping were resumed at once. Lumber stocks at mills are reported as extremely low and badly broken by items.

The unemployment situation remains about the same as in the previous week, the association stated, with at least 17,500 employees either totally or partially unemployed as a result of the marine shutdown. Lumber industry payroll losses for seven weeks since the beginning of the strike are estimated at approximately $2,484,000.

No shipments for water delivery were reported by mills for the week ending December 12. In the same week, rail and local shipments reported totaled 67,887,607 board feet, compared to from 100 to 122 million feet during October. The total loss in shipments due to the strike, the association stated, is about the same as the estimated loss in production of 250 million board feet.

Shipments of oil burners for the will be received by the Bureau of first ten months of 1936 totalled 268,578, as compared with shipments of 122,133 units for the same period last year, according to the monthly report of the Bureau of Census.

MORMON FLAT DAM SPILLWAY JOB ADVERTISED

Third Contract In Salt River Project Offered By Bureau

Contract for constructing a spillway at Mormon Flat Dam, Salt River Project, Arizona, is being advertised by the U. S. Bureau of Reclamation. The work is located about 25 miles northeast of Mesa.

Principal items of work include 122,800 cubic yards excavation, all classes; 1,700 cubic yards excavation old concrete; 11,930 cu. yds. concrete; placing 750,000 pounds of reinforcement bars; drilling 9,350 lineal feet of grout and anchor-bar holes; 4,550 lineal feet of sewer-pipe drains; installing 1,543,000 pounds of gates and gate hoists; installing electrical circuits and apparatus.

Other jobs in progress on the Salt River Project are being handled by L. E. Dixon and Bent Bros., Los Angeles, and Case Construction Co., Alhambra, who are constructing spillways at the Horse Mesa Dam, and Barrett and Hilp, San Francisco, and Macco Const. Co., Clearwater, who are constructing the Bartlett Dam.

Both contracts were let last July.

Bids for the Mormon Flat work will be received in Phoenix, January 18, by E. C. Koppner, construction engineer.

CITY OFFICIALS TO ATTEND CONVENTION

Director William H. Worden of the Department of Public Works, City Engineer John J. Casey and a member of the Board of Supervisors will represent San Francisco at the annual convention of the American Road Builders' Association to be held in New Orleans during the week of January 11.

A resolution authorizing their appointment has been presented to the San Francisco Board of Supervisors by the Streets Committee and will be acted on at the next meeting.

In offering the resolution the Committee stated that since all major phases of highway and street construction and maintenance and allied subjects will be discussed at the meeting, and that many important developments in highway financing will be introduced, it will be advantageous to the city to send several officials to meet with other highway experts.

The highway exhibits also offer the most economic method for engineers and officials to inspect and compare the latest developments in equipment and materials used in street construction, it was stated.

$1,000,000 FOR TWO HOSPITALS TO BE REQUESTED

Institutions Director Will Ask Building Fund From Legislature

Requests for funds to build additions at two state hospitals in Northern California costing approximately $1,000,000 will be filed with the budget of the State Department of Institutions for the 1937-39 biennium, it is announced. The buildings are proposed as part of a $6,000,000 institutional building program.

The State Veterans' Home at Yountville, Napa County, is seeking funds for one barracks to house 200 men, a new mess hall to replace one built nearly fifty years ago, and another hospital wing. Residences for a larger staff of physicians and attendants also will be necessary if the hospital population is increased.

The hospital at Agnews in Santa Clara County needs additional facilities, according to the director, although 600 patients are to be transferred to new quarters at Stockton as soon as they are completed. In the new budget an appropration of $150,000 will be requested for building two wards. A new sewage system to cost $20,000 also is sought.

REDWOOD ASSOCIATION SPONSORING CONTEST

California master painters and decorators are being encouraged by the California Redwood Association to experiment in the proper treatment of California Redwood for interior decoration.

At the California Council convention of the International Society of Master Painters and Decorators, Inc., to be held in Fresno, the week of January 17, the redwood industry will offer a cash prize of $25 and a beautiful redwood plaque to the member submitting the best finished panel of California Redwood.

The judging committee will be appointed from a select list of master painters in no way connected with the California Redwood Association.

Convention headquarters will be established in the Hotel Californian at Fresno, where the California Redwood Association will display a series of new panel designs in unfinished redwood, affording painters an opportunity to study the wood in its natural state.

Lawrence L. Witty, sales consultant to the association, will be in charge of the display and other details of the contest. If successful, the program of co-operation with master painters and decorators will be carried on in other state organizations in the redwood trading area.

$500,000 WORK IN FIRST DAYS OF NEW YEAR

Six Public Contracts On Market For Figures January 4th and 5th

Six public contracts on the market for bids in the first week of the new year give Northern California building contractors approximately $500,000 worth of work to figure during the holidays.

Largest of these forthcoming awards is the Santa Cruz County courthouse and jail, for which about $190,000 is available. The building has been designed by Architect A. F. Roller of San Francisco. Bids will be opened by the supervisors January 5.

Bids are to be received on the same day by four other public agencies. Placer County Supervisors will take bids on a hospital addition at Auburn to cost $35,000. Plans are by Architect W. E. Coffman of Sacramento. In the East-bay the Alameda and Crockett school boards each will receive bids on school reconstruction contracts. The Crockett job is part of a program supervised by Structural Engineers Dewell and Earl of San Francisco. It will approximate $90-000. The Alameda work will cost approximately $45,000. L. H. Nishkian and James Hammill are the structural engineers supervising the contract.

Bids will be opened in Washington, January 5, by the Veterans' Administration for construction of a ward building addition to the Livermore Facility.

Architect Norman Coulter of San Francisco has announced January 4 as the date for taking bids in Mendocino City on the PWA-aided gymnasium and auditorium for the Mendocino School. The district has about $16,000 for the contract, including a PWA grant.

UTAH CONTRACTORS CELEBRATE JAN. 16

Intermountain branch of the Associated General Contractors will hold its fifteenth annual dinner dance in Salt Lake City, January 16. The affair will be in the Hotel Utah. A. E. Christensen is chairman of the committee on arrangenents.

NOYES APPOINTED SANTA ROSA MANAGER

Arthur P. Noyes, city engineer for the past nine years has been appointed city manager of Santa Rosa to succeed Fred C. Steiner, who died a month ago. Mr. Noyes was named by unanimous vote of the city council. He will take office immediately.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2598	May	Marshall	13359
2599	Monaco	Soracco	3500
2600	Bernie	Owner	4000
2601	Pacific	Robinson	2000
2602	Garman	Grother	1400
2603	Aslandt	Barrett	3900
2604	Weinstein	Owner	4000
2605	Sanborn	Hamill	3000
2606	Strassburger	Owner	1500
2607	Doelger	Owner	5000
2608	Doelger	Owner	5000
2609	Triguros	Owner	4000
2610	Missa	Sharman	4000
2611	Blasse	Hogrefe	30000
2612	S. F.	Cahill	15000
2613	Standard	Owner	400
2614	Stoneson	Owner	4500
2615	Dittle	Owner	1000
2616	Michael	Owner	4000
2617	Laning	Soule	2000
2618	Perley	Early	1000
2619	Zincand	Owner	3500
2620	Staltz	Larson	1840
2621	Shell	——	4000
2622	Cohn	Owner	1500
2623	McKingle	Owner	1000
2624	Lurie	Cahill	51000
2625	Doelger	Owner	5000
2626	Solagazano	Akard	1000
2627	Wolter	Owner	6000
2628	Blue	Thulin	1350
2629	Stoneson	Owner	4000
2630	Adam	Lindgren	30000
2631	Conaghy	Johnson	2000
2633	Wold	Wold	4000
2634	Wold	Wold	4000
2635	Steiger	Owner	1000
2636	Reade	Moret	1000
2637	Capital	Balboa	2500
2638	Schuster	Johnson	23000

DWELLING
(2598) S. MARINA BLVD., 187 E FILLMORE. Two-story and basement frame dwelling.
Owner—M. B. May, 1808 Pacific.
Contractor—F. S. Marshall, 909 Ashbury.
Architect—F. E. Lloyd, 360 Pine. $13,359

ALTERATIONS
(2599) 3042 BAKER. Alter dwelling.
Owner—A. A. Monaco, Prem.
Contractor—F. A. Soracco, 127 30th St.
Architect—Not Given. $3500

ALTERATIONS
(2600) 771 35TH AVE. Alter flats.
Owner—Mary E. Bernie, 25 California.
Architect—Not Given. $4000

ALTERATIONS
(2601) 1035 FOLSOM. Alter office.
Owner—Pacific Gear & Tool Works, Prem.
Contractor—Robinson & Gillespie, 41 Sheridan.
Architect—Not Given. $2000

ALTERATIONS
(2602) 1052 GEARY. Alter baths.
Owner—J. W. Garman, Travelers Hotel.
Contractor—Grother Bros., 3964 18th St.
Architect—Not Given. $1400

ALTERATIONS
(2603) 1005 MARKET. Alter office.
Owner—Ahlandt & Buck, Prem.
Contractor—Barrett & Hilp, 918 Harrison.
Engineer — W. H. Ellison, Pacific Bldg. $3900

DWELLING
(2604) W. 37TH AVE., 195 N BALBOA. One-story and basement frame dwelling.
Owner—P. Weinstein, 651 37th Ave.
Architect—C. O. Clausen, 746 46th Ave. $4000

ALTERATIONS
(2605) SE. FRONT AND VALLEJO. Alter restaurant.
Owner—R. Sanborn, 1558 29th Ave.
Contractor—R. B. Hamill and P. C. Mayer, 4014 Geary Blvd.
Architect—Not Given. $3000

ALTERATIONS
(2606) SE COR. TAYLOR and Eddy Streets. Alter store.
Owner—I. Strassburger, premises.
Architect—Hertzka and Knowles, 369 Pine Street. $1500

DWELLING
(2607) W 16th AVE. 163 S Lawton. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $5,000

DWELLING
(2608) W 16th AVE. 196 S Lawton. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. $5,000

DWELLING
(2609) NW COR. AVALON and Naples. Two - story and basement frame dwelling.
Owner and Builder—B. Trigueros, 69 Madison.
Architect—Not Given. $4,000

DWELLING
(2610) N JAMESTOWN E Third St. One - story and basement frame dwelling.
Owner—S. Missa, % 3700 Broderick.
Contractor—Thos. R. Sharman, 3700 Broderick Street.
Architect—Not Given. $4,000

APARTMENTS
(2611) NW ANZA and Stanyan Sts. Three-story frame apartments.
Owner—W. F. Blasse, 1370 Washington Street.
Contractor—Herman C. Hogrefe, 359 24th Avenue.
Architect—Conrad T. Kett.
Engineer—Wm. Adrian. $30,000

FOUNDATION
(2612) E JUNIPER 100 S Harrison. Brewery foundation.
Owner—S. F. Brewing Corp., 490 10th Street.
Contractor—Cahill Brothers, 206 Sansome Street.
Engineer—W. E. Murray, 908 Hayes Street. $15,000

SERVICE STATION
(2613) SW COR. CALIFORNIA and Taylor Sts. Service station.
Owner and Builder—Standard Oil Co. 225 Bush Street.
Architect—Not Given. $4,000

DWELLING
(2614) E BEACHMONT 467 Sloat Blvd. One-story and basement frame dwelling.
Owner and Builder—Stoneson Brothers, 1 Sloat Blvd.
Architect—Not Given. $4,500

ALTERATIONS
(2615) 184 CLARA ST. Alter factory.
Owner and Contractor—A. Dittle, 171 Clara Street.
Architect—Not Given. $1,000

DWELLING
(2616) SE WESTGATE DRIVE & UPLAND DRIVE. One-story & basement frame dwelling.
Owner—Michell & Momerer, 762 De Haro.
Architect—Conrad T. Kett, Clunie Building. $4000

DWELLING
(2617) E. NINTH, 80 S MISSION. One-story and basement frame dwelling.
Owner—Paul Laning, 98 8th St.
Contractor — Soule Steel Co., 1750 Army St.
Architect—Not Given. $2000

ALTERATIONS
(2618) 1791 MISSION. Alter dwelling.
Owner—E. A. Perley, 236 Dolores.
Contractor—Fred J. Early, Jr., 369 Pine St.
Architect—Not Given. $1000

DWELLING
(2619) E. 43RD AVE., 75 N ANZA. One-story and basement frame dwelling.
Owner—H. P. Zincand, 667 36th Ave.
Architect—Not Given. $3500

ALTERATIONS
(2620) 4125-31 18TH STREET. Alter stores and dwellings.
Owner—A. Staltz, 4125 18th St.
Contractor—A. R. Larson, 4020 24th Street.
Architect—Not Given. $1840

SERVICE STATION
(2621) SW LINCOLN WAY AND 7TH AVE. Steel service station.
Owner—Shell Oil Co., 100 Bush St.
Contractor—Not Selected.
Architect—Not Given. $4000

ALTERATIONS
(2622) 142 29TH AVE. Alter dwelling.
Owner—G. Cohn, Prem.
Architect—Not Given. $1500

ALTERATIONS
(2623) 808 GUERRERO. Alter apartments.
Owner—W. R. McKingle, Prem.
Architect—Not Given. $1000

OFFICE BUILDING
(2624) E. SANSOME, 44 N PINE. Four-story Class B office building.
Owner—The Lurie Co., 333 Montgomery.
Contractor—Cahill Bros., 206 Sansome.
Architect—W. D. Peugh, 333 Montgomery.
Engineer—F. W. Kellberg, 320 Market. $51,000

DWELLING
(2625) W. 16TH AVE., 229 S LAWTON. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not Given. $5000

ALTERATIONS
(2526) 1159 HOWARD ST. Alter Commercial Building.
Owner — Federico Solagazano, care Contractor.
Contractor—W. C. Akard, 225 Cervantes.
Architect—Not Given. $1000

DWELLING
(2627) SW Cor. FERNWOOD AND RAVENWOOD. Two-story and basement frame dwelling.
Owner—Paul A. Wolter, Jr., 190 Maywood Drive.
Architect—Earl McDonald, 110 Sutter St. $6000

ALTERATIONS
(2628) 3445 CLAY ST. Alter flats.
Owner—Frank Blue, care Contractor.
Contractor—A. L. Thulin, 63 Brady.
Architect—Not Given. $1350

DWELLING
(2629) NE Cor. SHAWNEE AND CAYUGA. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. $4000

ALTERATIONS
(2630) N. BUSH, 24 W ST. GEORGE ALLEY. Alter garage.
Owner—Adam Grant Estate, 114 Sansome.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St.
Architect—D. D. Stone, 381 Bush.
Engineer—C. H. Snyder, 251 Kearny. $30,000

ALTERATIONS
(2631) 500-502 GRANT AVENUE. Alter store and flats.
Owner—John and Mary A. Conaghy, San Lorenzo.
Contractor—Joel Johnson & Son, 1614 Church.
Architect—Resing & McGuinness, 488 Pine St. $2000

FLATS
(2632) N. CALIFORNIA, 112 W. LAUREL. Two-story frame flats.
Owner—John Cazenave, 3434 California.
Contractor—Gaston Rene, 582 27th Ave.
Architect—Not Given. $4500

DWELLING
(2633) W. 31ST AVE., 166 N KIRKHAM. One-story and basement frame dwelling.
Owner—Clarence L. Wold, 4416 Fulton.
Contractor—C. L. Wold Const. Co., 4412-16 Fulton.
Architect—C. O. Clausen, 746 46th Ave $4000

DWELLING
(2634) W. 31ST AVE., 125 N KIRKHAM. One-story and basement frame dwelling.
Owner—Clarence L. Wold, 4416 Fulton.
Contractor—C. L. Wold Const. Co., 4412-16 Fulton.
Architect—C. O. Clausen, 746 46th Ave. $4,000

ALTERATIONS
(2635) 2201 FOLSOM ST. Alter factory.
Owner—Steiger & Kerr Stove & Fdry. Co., Cor. Folsom and 18th Sts.
Architect—Not Given. $1000

ALTERATIONS
(2636) 2351-53 LARKIN ST. Alter dwelling.
Owner—Geo. C. Reade, Russ Bldg.
Contractor—Villa Moret, Inc., 1008 Claus Spreckels Bldg.
Architect—Not Given. $1000

ALTERATIONS
(2637) 631 GREEN ST. Alter theatre.
Owner—Capital Company, 625 Market St.
Contractor—Balboa Paint Co., Inc., 1253 9th Ave.
Architect—Not Given. $2500

DWELLING
(2638) SE YERBA BUENA AND SANTA CLARA. Two-story and basement frame dwelling.
Owner—Karl F Schuster, 762 Fulton.
Contractor—J. Harold Johnson, 666 Mission.
Architect—William G. Merchant, 406 Russ Bldg. $23,000

ALAMEDA COUNTY

1907	Smith	Kulchar	5000
1908	Biles	Armstrong	15000
1909	Holcher	Owner	3800
1910	Pacific	Owner	5000
1911	Heroux	Owner	6200
1912	Johanson	Williams	4300
1913	Davis	Owner	5000
1914	Burts	Mullen	1500
1915	Capital	Capital	4500
1916	Evoy	Bernard	1630
1917	Lacy	Whalin	5900
1918	Trendson	Owner	1800
1919	Home	Gabriel	4000
1920	Waterhouse	Rose	1200
1921	Bernard	Owner	3000
1922	Hovenberg	Ehrman	4000
1923	Fisher	Johnson	4000
1924	Wilford	Monroe	3900
1925	Alkus	Alexander	1500
1926	Bonds	Owner	7000
1927	Fisher	Johnson	3500
1928	Chapel	Waldman	3500
1929	Pfrang	Owner	7000
1930	Stroud	Owner	6000
1931	Heltman	Heltman	2300
1932	Lyon	Owner	3950
1933	Womack	Owner	3500
1934	Porter	Rose	1000
1935	Chambers	Flagg	4000

ALTERATIONS
(1907) 1724 BROADWAY, OAKLAND. Alterations.
Owner—Wm. Smith, 12th and Washington Sts.
Contractor—S. Kulchar, 8th Ave. and E. 10th St.
Architect—Not Given. $5000

DWELLING
(1908) 5919 ACACIA AVE., OAKLAND. Two-story 7-room dwelling.
Owner—E. H. Biles, Prem.
Contractor—J. R. Armstrong, 1131 Fleet Road.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco. $15,000

DWELLING
(1909) 899 GLENDOME CIRCLE, OAKLAND. One-story 5-room
Owner & Builder—E. M. Holcher, 4763 El Centro Ave.
Architect—Not Given. $3800

DWELLING
(1910) 714 CALDWELL RD., OAKLAND. One-story 6-room dwelling.
Owner & Builder—Pacific Gas Appliance Co., 1450 Harrison St.
Architect—Not Given. $5000

DWELLING
(1911) 680 GLENDOME CIRCLE, OAKLAND. Two-story 6-room dwelling.
Owner & Builder—F. A. Heroux, 4763 El Centro Ave.
Architect—Not Given. $6200

DWELLING
(1912) 3879 COOLIDGE AVE., OAKLAND. One-story 5-room dwelling.
Owner—S. Johanson, 1904 100th Ave.
Contractor—C. Jack Williams, 1954 E. 27th St.
Architect—Not Given. $4000
Also frame garage, $300.

DWELLING
(1913) 5316 HILLTOP CRESCENT, OAKLAND. Two-story 6-room dwelling.
Owner & Builder—Lloyd D. Davis, 857 Erie St
Architect—Not Given. $5000

ALTERATIONS
(1914) 1209 WASHINGTON ST., OAKLAND. Alterations
Owner—Burts Shoe Store, Prem.
Contractor — Mullen Mfg. Co., 60 Rausch St., San Francisco.
Architect—Not Given. $1500

ALTERATIONS
(1915) 3900 HOPKINS STREET, OAKLAND. Alterations and additions.
Owner—Capital Co., 1212 Broadway.
Contractor—Capital Co., 625 Market St., San Francisco.
Architect—Not Given $4500

ADDITIONS
(1916) 34 ALTA RD., BERKELEY Additions.
Owner—Chas. Evoy, Prem.
Contractor—W. V. Bernard, 227 San Carlos
Architect—F. L. Confer, 3147 Claremont. $1630

DWELLING
(1917) 1044 CRESTON, BERKELEY. Two-story 5-room frame dwelling and garage.
Owner—Edw. M. Lacy, 3240-A Briggs St., Alameda.
Contractor—Whalin Bros., 2942 23rd Ave., Oakland.
Architect—J. B. Anthony, 2014 Shattuck $5900

ADDITIONS
(1918) 2037 EMERSON, BERKELEY. Additions.
Owner & Builder—E. W. Trendson, Prem.
Architect—Not Given. $1800

DWELLING
(1919) 4444 STEELE ST., OAKLAND. One-story 5-room dwelling.
Owner—Home Loan Security Co., 1447 Franklin St.
Contractor—Walter N. Gabriel, 1447 Franklin St.
Architect—Not Given. $4000

REPAIRS
(1920) N. JOAQUIN MILLER RD., 200 E MT. BLVD., OAKLAND. Fire repairs.
Owner—Lillian F. Waterhouse, 20 Terrace Walk, Berkeley.
Contractor—A. H. Rose, 478 25th St.
Architect—Not Given. $1200

DWELLING
(1921) 2627 NICOL AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—R. B. Bernard, 725 Warfield Ave.
Architect—Not Given. $3000
Also 1-story garage, $200.

DWELLING
(1922) 1424 40th AVE., OAKLAND. One-story 6-room dwelling.
Owner—R. H. Van Hovenberg, 2541 Delmer St.
Contractor—Ehrman & Major, 3307 Champion St.
Architect—Not Given. $4000

DWELLING
(1923) 1527 77TH AVE., OAKLAND. One-story 6-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor — Elmer Johnson, 450 Oakes Blvd., San Leandro.
Architect—Not Given. $4000
Also 1-story garage, $125.

DWELLING
(1924) 950 LEO WAY, OAKLAND. One-story 5-room dwelling.
Owner—F. W. Wilford, Prem.
Contractor—J. W. Monroe, 5538 Claremont Ave.
Architect—C. H .Treichel, 696 Cleveland Ave. $3900
Also 1-story garage, $100.

SERVICE STATION
(1925) 4100 BROADWAY, OAKLAND. One-story steel service station.
Owner—Irving and Betty Alkus, Prem
Contractor—F. D. Alexander, 358 17th St.
Architect—Not Given. $1500

Also 1-story steel comfort station, $500.

DWELLING
(1926) 450 VASSAR, BERKELEY. Two-story 7-room frame dwelling and garage.
Owner & Builder—M. S. Bonds, 583 Spruce.
Architect—Not Given. $7000

DWELLING
(1927) 1516 77TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—C. R. Fisher, 105 Montgomery St., San Francisco.
Contractor—Elmer Johnson.
Architect—Not Given. $3500
Also garage, $125.

DWELLING
(1928) 2125 HAVENSCOURT Blvd., OAKLAND. One-story 5-room dwelling.
Owner—Mr. Chapel, Oakland, Calif.
Contractor—A. S. Waldman, 3192 McKillop Road.
Architect—Not Given. $3500

DWELLING
(1929) 5358 HARBOARD DRIVE, OAKLAND. Two-story 6-room dwelling.
Owner and Builder—C. J. Pfrang, 6300 Claremont Ave.
Architect—Not Given. $7000

DWELLING
(1930) 5647 HARBOARD DRIVE, OAKLAND. Two-story 7-room dwelling.
Owner and Builder—J. A. Stroud, Jr., 370 17th St.
Architect—Not Given. $6000

DWELLING
(1931) 1718 86th AVE., OAKLAND. One-story 5-room dwelling.
Owner—W. W. Heitman, 1741 68th Ave.
Contractor—L. E. Heltman, 1741 68th Ave.
Architect—Not Given. $2300
Also 1-story garage, $75.

DWELLING
(1932) 1018 BANCROFT WAY, BERKELEY. One-story 10-room dwelling.
Owner & Builder—O. T. Lyon, 2303 Spaulding.

DWELLING
(1933) 4624 FAIR AVE., OAKLAND. One-story 5-room dwelling.
Owner and Contractor—Womack & Sons, 1311 E 36th St., Oakland.
Architect—Not Given. $3500

REPAIRS
(1934) 934 28th ST., OAKLAND. Fire repairs.
Owner—Mr. Porter, 934 28th Street, Oakland.
Contractor—A. H. Rose, 478 28th St. Oakland.
Architect—Not Given. $1000

DWELLING
(1935) 4521 FAIRBAIRN AVENUE, OAKLAND. One-story five-room dwelling.
Owner—F. D. Chambers, 1460 Franklin St., Oakland.
Contractor—J. S. Flagg, 3387 Morcom Ave., Oakland.
Architect—Not Given. $4,000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
194	Sommer	Moore	11430

DWELLING
(194) S. BROADWAY, 87 E SCOTT. Two-story and basement frame dwelling.
Owner—Herbert L. Sommer, care of Architect.
Architect — Gardner A. Dailey, 210 Post St., San Francisco.
Contractor — Moore & Madsen, 557 Market St., San Francisco.
Filed Dec. 18, '36. Dated Dec. 7, '36.
75 1st of each month.
25% usual 35 days.
TOTAL COST, $11,430.00
Bond, $11,430. Surety, New Amsterdam Casualty Co. Plans and specifications filed.

SAN FRANCISCO CO. UNDER $1000

ALTER shop, $150: 554 Gough St.; owner, Frank Guylik, % contractor; contractor, A. L. Thulin, 63 Brady St.

ALTER dwelling, $250; 878 30th Ave.; owner, M. Gomez, premises; contractor, F. C. Fisher, 583 29th Avenue.

SIGN, electric, $225; 589 Post St.; owner, Hotel Knickerbocker, 589 Post St.; contractor, Brumfield Sign Co., 965 Folsom St.

ALTER store, $350; S Golden Gate Ave. 137 W Larkin; owner, Lotta P. Rossier, % contractor; contractor, Patterson & Koster Iron Works, 280 13th St.

SIGN, electric, $150; 419 Golden Gate Ave.; owner, Avenue Hotel, 419 Golden Gate; contractor, Novelty Elec. Sign Co., Inc., 66 Washburn.

ALTER restaurant, $800; 24 6th St.; owner, Greninger Est. Co., care contractor, Barrett & Hilp, 918 Harrison St.; engineer, W. H. Ellison, Pacific Bldg.

ALTER falts, $500; 2872 24th Street; owner, H. Tamoney, 2880 24th St.; contractor, Fred J. Early, Jr., 367 Pine St.

SIGN, electric, $115; 2723 Lombard; owner, Ong You, prem.; contractor, A. J. Raymond, Inc., 712 Sansome St.

SIGN, electric, $300; 214 Eddy St.; owner, Ritz Club, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

ALTER hotel, $450; 72 6th St.; owner, Edward Rolkin, Argyle Hotel.

ALTER apts., $125; 3478 18th St.; owner. Father McHugh, Fruitvale and Montana St., Oakland.

ALTER flats, $300; 20 Vicksburg; owner, E. Wegmuller, premises.

SIGN, electric, $250; NE Turk and Polk Sts.; owner, Embassy Coffee Shop, premises; contractor, Washburn.

ALTER dwelling, $800; W Ingalls 200 N Paiou; owner, J. Vanuchi, Ingalls Street.

SIGN, electric, $125; 1023 Mission; owner, Lee Bana, premises; contractor, A. J. Raymond, Inc., 712 Sansome St.

SIGN, electric, $75; SW 7th and Bryant Sts.; owner, Rio rGande Oil Co., premises; contractor, Brumfield Elec. Sign Co., 965 Folsom.

ALTER store, $450; 5530 Geary St.; owner, David Leid, 5530 Geary; contractor, F. M. Kimball, 128 9th Avenue.

ALTER store, $250; 229 Embarcadero owner, American Trust Co., 464 California St.; contractor, L. A. Hinson, 756 4th Ave.

ALTER restaurant, $475; 467 Broadway; owner, D. Giovannini, 463 Broadway; contractor Rome Carpenter Shop, 1659 Powell St.

SIGN, electric, $200; 84 Turk Street; owner, Sportland, premises; contractor, Novelty Eelc. Sign Co., Inc., 66 Washburn.

SIGN, electric, $200; 3320 24th Ave.; owner, President Cleaners, Prem.; contractor, QRS Neon Corp, Ltd., 690 Potrero.

ALTER dwelling, $100; 445 26th Ave.; owner, E. H. Haas, 335 27th Ave.

SIGN, electric, $400; 1370 Harrison; owner, General Controls Company, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.

ALTER dwelling, $75; 304 Precita; owner, Anglo Alexion, Prem.

SIGN, electric, $200; 39 Stockton St.; owner, C. O. Wood, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.

SIGN, electric, $50; 1613 Galvez; owner, De Nikes, Prem.; contractor, Apex Electric Co., 363 Fell St.

INSTALL gas vent, $10; 342 Taylor St.; owner, Mrs. Mary Maloy, 342 Taylor Street; contractor, Grant Sheet Metal Works, 791 McAllister Street.

ALTERATIONS, $90; 678 Guerrero St.; owner and contractor, Frank R. Enos, 678 Guerrero St.

SIGN, electric, $75; 1058 Valencia St.; owner, J. Greenberg, premises; contractor, Pacific Elec. Const. Co., 1496 Mission St.

ALTER stores, $500; SW Cor. Taylor and Eddy Sts.; owner, W. L. Hyman, 68 Post St.; contractor, Mills Const. Co., Russ Bldg.

ALTERATIONS, $70; 230 Niagara Ave.; owner, E. A. Slaughter, 230 Niagara Ave.

ALTER flats, $450; 824 Turk Street; owner, Wm. A. Daugherty, 506 Divisadero; contractor, Dan C. Richardson, 4400 19th St.

ALTER office, $230; 3300 Scott St.; owner, Dr. Clifford Vogt, premises; contractor, Arnold J. Bohr, 1225 Oak St.

ALTER dwelling, $50; 44 Potomac; owner, Mr. Camak, 44 Potomac; contractor, Cortland Sheet Metal Works, 1414 Valencia St.

SIGN, electric, $100; 570 California; owner, Hotel Esquire, premises; contractor, Neon Sign Ser. Co., 1707 Folsom St.

SIGN, electric, $100; 765 Market St.; owner, Green Island Restaurant, premises; contractor, Wonderlite Neon Corp., Ltd., 170 Otis.

ALTER apts., $50; 481 Eddy Street; owner, E. Steinmetz, premises; contractor, Henry Ernst & Sons, 551 Hayes St.

ALTER dwelling, $250; 3925 18th St.; owner, E. Lukianoff, premises; contractor, Dependable Builders and Cabinet Works, 1308 Steiner.

ALTER restaurant, $500; 419 O'Farrell St.; owner, New West Cafe, premises; contractor, F. Yick, 670 Washington.

ALTER store, $500; 408 Grant Ave.; owner, P. Hang How Co., prem.; contractor, F. Yick, 670 Washington Street.

SIGN, electric, $250; 553 Bay Street; owner, Nino Brambillo, premises; contractor, Wonderlite Neon Corporation, Ltd., 170 Otis St.

ALTER apts., $50; 20 Octavia; owner Mr. De Vault, premises; contactor, Henry Ernst & Sons, 551 Hayes St.

ALTER factory, $100; 555 10th St.; owner, Allied Box and Excelsior Co., premises; contractor, S. F. Finelnick & Furnace Const. Co., 1135 Mission St.

SIGN, electric, $100; 2092 Divisadero; owner, Silk Hat Harry's, prem.; contractor, Apex Elec. Co., 363 Fell St.

ALTER dwelling, $300; 31 Holloway Ave.; owner, H. M. Gunderson, 307 Georgia St., Vallejo, Calif.; contractor, Hanson Bros., 5840 Mission.

SIGN, electric, $125; 1016 Taraval; owner, Val's, Prem.; contractor, Apex Electric Co., 363 Fell St.

ALTER flat, $500; 1035-37-39 Franklin; owner, A. E. Igler, 1035 Franklin; contractor, Wm. Reinstro, 3870 24th.

ALTER stores, $980; 2372-74 Mission; owner, W. W. Barclay, care Contractor; contractor, L. Salomon, 1734 Broderick.

ALTER dwelling, $200; 641 Broderick; owner, Max Blum, 772 21st Ave.; contractor, S. F. Dal Parto, 4327 Geary Blvd.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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6.—Garages and Service Stations
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8.—Club Buildings
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13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

To Be Done By Day's Work
APARTMENTS Cost, $15,000
BURLINGAME, San Mateo Co., Cal. Lot 8 Blk 18, El Camino Real.
New apartment building.
Owner and Builder—J. H. Dore, 950 Broadway, Burlingame.
Architect—Not Given.

December 22, 1936

Sub-Contracts Awarded
APARTMENTS Cost, $12,000
MILLBRAE, San Mateo Co., Calif. Broadway.
Apartment building.
Owner and Builder—Schultz Const Co., 1 Hillcrest Drive, Millbrae.
Architect—Not Given.
Roofing—Empire Roofing Co., 4905-A Mission St., San Francisco.
Electric Wiring—Burlingame Electric Co., 219 El Camino Real, Millbrae
Heating and Sheet Metal—Atlas Htg. & Vent. Co., Ltd., 557 Fourth St., San Francisco.
Tile Work—Scott Co., Inc., 243 Minna St., San Francisco.
Window Shades—Uneeda Shade Co., 155 Church St., San Francisco.
Hardwood Floors—White Oak Floor Co., 321 Palomar Drive, Redwood City.
Iron Grille Work—San Mateo Forge, 500 Third St., San Mateo.
Brick and Stone Work—Martin Nelson, 2847 Army St., San Francisco.
Lumber—Millbrae Lumber Co., Millbrae.
Foundations & Concrete—C. C. Sayre 541 26th Ave., San Francisco.
Painting—Bay Region Painters, 1661 Scott St., San Francisco.
Lathing and Plastering—J. J. Powers, 578 20th Ave., San Francisco.
Linoleum—The Emporium, San Francisco.

Completing Plans
APARTMENTS Cost, $175,000
SAN FRANCISCO, Calif. SW Jones and Green Streets.
Ten-story Class B reinf. concrete apartment building; two floors garages; 16 5-room apartments; penthouse with garden; hardwood floors, tile baths, etc.
Owner—Bayshore Realty Co., Marshall Square Bldg.
Architect—H. C. Baumann, 251 Kearny St.

Contract Awarded
APARTMENT Cost, $16,000
BURLINGAME, San Mateo Co., Calif.
Frame apartment building (four 4-room and bath apartments), electric refrigerators, gas furnaces, shingle roof, tile wainscote in baths, hardwood floors, etc.
Owner—Cleveland Smith.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
Contractor—G. W. Williams Co., 315 Primrose Rd., Burlingame.

3— CHURCHES

Plans Being Figured—Closing Date Not Set.
ADDITION & RECON. Cost, $20,000
PORTERVILLE, Tulare Co., Calif.
Addition to church and reconstruction of fire damage.
Owner—First Congregational Church Porterville.
Architect—F. L. Swartz, Brix Bldg., Fresno.

4— FACTORIES & WAREHOUSES

Roofing Sub-Contract Awarded
INDUSTRIAL BLDG. Cost, $20,000
SOUTH SAN FRANCISCO, San Mateo County, Calif.
Three one-story industrial buildings (steel frame, concrete walls and floors, corrugated iron, steel sash, etc.)
Owner—Wildberg Bros. Smelting and Refining Co., South San Francisco.
Engineer—Jesse Rosenwald, 525 Market St., San Francisco.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco.
Structural steel contract awarded Judson Pacific Co., 609 Mission St., San Francisco.
Roofing—Empire Roofing Co., 4905-A Mission St., San Francisco.
Complete sub-contracts published December 3.

Contract Awarded
BOTTLING PLANT Cost, $8,000
FRESNO, Calif. 390 Safford St.
New bottling plant.
Owner—Nehi Bottling Co., 366 Safford St.
Architect—Not Given.
Contractor—Fisher & McNulty, 1226 Fulton St.

Sub Contracts Awarded
WAREHOUSE Cost, $80,000
OAKLAND, Alameda Co., Calif. 5441 E. 14th St.
One-story brick warehouse.
Owner—General Electric Co., 5441 E. 14th St., Oakland.
Architect—Not Given.
Contractor—The Austin Co., 516 18th St., Oakland.
Roofing—J. W. Bender, 1999 Bryant St., San Francisco.
Plumbing—Scott Co., Inc., 243 Minna St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Brick & Stone Work — Remillard-Dandini Co., 569 3rd St., Oakland.
Grading—J. Catucci, 1212 18th Ave., Oakland.
Reinf. Steel—Soule Steel Co., 1750 Army St., San Francisco.
Lumber—E. K. Wood, Frederick and King Sts., Oakland.
Mill Work—National Mill & Lumber Co., 400 High St., Oakland.
Finish Hardware — Maxwell Hardware Co., 1320 Washington St., Oakland.
Concrete—Rhodes & Kennedy, 101 4th St., Oakland.
Steel Rolling Doors—Kinnear Mfg. Co., 361 Brannan St., San Francisco.

Miscellaneous Iron Bids Wanted—To Close December 30, 4 P. M.
PLANT Cost, $2,000,000
OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.
Group of four buildings for glass manufacturing plant (brick and insulux glass construction), concrete foundations, corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.
Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Burtt, vice-president in charge).
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Mgr. of Construction—P. J. Walker Company, Sharon Building, San Francisco.
Mechanical Engineer — A. R. McLaren, 611 Howard St., San Francisco.
Electrical Engineers—Kuchel & Sievers, 468 5th St., San Francisco.

Contract Awarded
RETAIL PLANT Cost, $20,000
HAYWARD, Alameda Co., Cal. Watkins St., bet. B and C Sts.
One-story steel and brick distributing and repair plant (12,000 sq. ft.).
Owner—Peterson Tractor & Equipment Co. of San Francisco, 1175 Howard St., San Francisco.
Architect—Plans by the Engineering Department of Owner.
Contractor—C. S. Schwartz, 8219 Castro Valley Road, Hayward.

Plans Being Figured — Bids Close Jan. 15, 1937, 12 Noon
PACKING PLANT Cost, $150,000
SAN FRANCISCO. SW Mariposa & Carolina Streets.
Four-story flat slab reinforced concrete coffee roasting and packing plant (80x190 ft.), steel sash, sprinkler equipment, structural glass, terra cotta, copper, linoleum floors, steel rolling and jack-knife doors.
Owner—Standard Brands of California (Mr. H. Henke, President), 245 11th St., San Francisco.
Architect—Edw. A. Eames, 216 Pine St., San Francisco.
Structural Engineer—W. H. Ellison, 821 Market Street.
Mechanical Engineer — F. L. Nemec, 821 Market Street.
General bids are being taken from the following selected list of contractors:
Cahill Bros., 206 Sansome St.
P. J. Walker Co., 607 Sharon Bldg.
Barrett & Hilp, 918 Harrison St.
Dinwiddie Construction Co., Inc., 210 Crocker Bldg.
MacDonald & Kahn, Financial Center Bldg.
Lindgren & Swinerton, 225 Bush St.
The Austin Company, 516 18th St., Oakland.
All of San Francisco, unless otherwise noted.

Award Postponed
WAREHOUSE Cost, $.....
SAN FRANCISCO, Calif. Spear and Bryant Streets.
Three-story reinforced concr. warehouse (137x137 ft.), to be built on pile foundation.
Owner—Santa Fe R.R. Co., Kerckhoff Bldg., Los Angeles.
Plans by Construction Department of Owner (M. C. Blanchard, Chief Engineer—Coast Lines).
General bids were taken from the following selected list of contractors:
Lindgren & Swinerton, 225 Bush St.
Cahill Brothers, 206 Sansome St.
Barrett & Hilp, 918 Harrison St.
K. E. Parker Co., 135 South Park.

Anderson & Ringrose, 320 Market Street.
MacDonald & Kahn, Financial Center Bldg.
Clinton Construction Co., 923 Folsom St.
(All of San Francisco.)
Announcement will be made after Jan. 1, 1937, as to contract award or revision of plans. Bids received are held under advisement.

5— FLATS

Completing Working Drawings
FLATS Cost, $18,000
SAN FRANCISCO. Larkin Street nr. Greenwich Street.
Three-story Class C flat building (first floor reinforced concrete, two additional floors frame and stucco; 6 rooms and 2 baths each flat; composition roof, oil burning furnace, wood sash, hardwood floors, tile baths, elevator.
Owner—Withheld.
Architect—Not Given.
Mgr. of Const.—Cyril Doane, 49 Rico Way.
Bids will be asked in about two weeks.

6—GARAGES & SERVICE STATIONS

To Be Done By Day's Work
SERVICE STATION Cost, $9,000
CHICO, Butte Co., Calif. Main St. and Oroville Ave.
Gasoline service station (80x103 ft), six gasoline pumps.
Owner—Standard Stations, Inc.
Plans by Engineering Department of Owner. 6

Planned
SERVICE STATION Cost, $4,000
SAN FRANCISCO, Calif. SW Lincoln Way and 7th Ave.
Steel gasoline service station.
Owner—Shell Oil Co., 100 Bush St.
Plans by Engineering Department of Owner.

Plans Completed
SERVICE STATION Cost, $7,000
PIEDMONT, Alameda Co., Calif. 29 Wildwood Avenue.
Gasoline service station.
Owner—Shell Oil Co., 315 Derby Ave. Oakland.
Plans by L. R. White, 315 Derby Ave. Oakland.

Contract Awarded
SHOP BUILDING Cost, $4,643
SALINAS, Monterey Co., Calif.
One-story shop building addition to Dodge Agency (40x75-ft.) composition roof, Summerbell truss, concrete walls, etc.
Owner—Carl Voss.
Architect—Chas. E. Butner, 51 Main Street, Salinas.
Contractor—Albert Staton, 429 Front Street, Salinas.

Sub Contracts Awarded
MAINTENANCE STATION
Contract Price, $14,922
BAKERSFIELD, Kern Co., Calif.
Group of three buildings (1-story wood frame office building, board and batten exterior, shake roof; 1-story wood frame truck shelter and shed, corrugated galvanized iron wall and roof covering), and fencing, etc.
Owner—State of California.
Architect — George B. McDougall, State Architect, Public Works Bldg., Sacramento.
Contractor—D. A. Loomis, 676 Salem St., Glendale.
Plumbing & Heating—A. E. Abbot, 910 Monterey St., Bakersfield.
Sheet Metal—Emil Brown, 300 E. 9th St., Los Angeles.
Fencing—Standard Fence Co., 3020 San Fernando Rd., Los Angeles.
Glass—Jack Tyre Glass Co., 2039 E. 38th St., Los Angeles.
Electric Wiring—Lou Bowers, Bakersfield.
Misc. Iron—Hopper Machine Works, 2315 M St., Bakersfield.
Lumber & Mill Work—Hayward Lbr. Co., 1431 H St., Bakersfield.
Hardware—Montgomery-Bennett, 326 S. San Pedro St., Los Angeles.
Steel Sash & Reinf. Steel—Soule Steel 6200 Wilmington St., Los Angeles.

Contract Awarded
ALTERATIONS Cost, $30,000
SAN FRANCISCO. Bush St. and St. George Alley.
Alter garage.
Owner—Adam Grant Estate, 114 Sansome St.
Architect—D. D. Stone, 381 Bush St.
Engineer—C. H. Snyder, 251 Kearny St.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St.

7— FEDERAL BUILDINGS

BIDS WANTED
SAN DIEGO, Calif.—Until January 13, 1937, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for special interior lighting fixtures in the U. S. Coast Guard Air Station at San Diego.
Drawings and specifications obtainable from the above office and from the Custodian of the Building, San Diego.

BIDS WANTED
MARSHALL FORD DAM, Texas.—Until January 12, 1937, 10 A. M., bids will be received by the Department of the Interior, Bureau of Reclamation, Washington, D. C., for the construction of an office building, dormitory, one six-room residence, two 5-room residences, five 4-room residences, and four 2-room residences at the Government camp at the Marshall Ford Dam, Colorado River project, about 18 miles northwest of Austin, Texas.
Buildings and residences will be 1-story wood frame construction. Office building (34x68½-ft.) will have seven foot wide porch at the front and both ends. Dormitory (42x112½-ft.) will have screened porch 8-ft. in width on all sides of building. Outside walls of buildings and residences will be covered with wood siding. Roof will be covered with mineral-surfaced, asphalt-prepared shingles over roof boarding. Inside walls and ceilings, except in heater and toilet rooms, of office building and dormitory, will be covered with gypsum wallboard and interior walls and ceilings in residences will be covered with building board.
All floors will be 1x4-inch fir flooring and will be laid over subflooring. A concrete basement will be constructed under one corner of the office building.
Plans and specifications may be obtained from the above office and from the office of the Bureau of Reclamation, John C. Page, Acting Commissioner, Austin, Texas, and from the Bureau of Reclamation at Denver. No deposit required.

Sub Contracts Awarded
POST OFFICE Cont. Pr., $78,240
PORTLAND, Oregon. East Portland Station.
U. S. Post Office building.
Owner—U. S. Government.
Plans by the Treasury Department, Washington, D. C.
Contractor—George Isaacson & Co., Worcester Bldg., Portland.
Structural Steel & Ornamental Iron—Consolidated Railway Equip. Co., ft. of N. Knott St., Portland.
Reinf. Steel—Soule Steel Co., 2727 NW 35th Ave., Portland.
Ornamental Terra Cotta — Gladding McBean & Co., 79 SE Taylor St., Portland.
Granite—McGilvray-Raymond Corp., 3 Potrero Ave., San Francisco.
Brick & Tile—Columbia Brick Works, 1320 SE Water St., Portland.
Plumbing & Heating—H. C. Hastorf, Inc., 735 SE Morrison St., Portland.
Electric Wiring & Fixtures—NePage, McKenny Co., 520 SW Pine St., Portland.
Tile Work — Northwestern Tile & Mantle Works, 3830 NW Halsey, Portland.
Concrete—Pacific Bldg. Material Co., 400 NE Thompson St., Portland.
Roofing & Sheet Metal—J. C. Bayer, 14 SW Market St., Portland.
Hollow Metal Work—Reuter & Sons Metal Products Co., 2230 SE Holgate St., Portland.
Waterproofing — Portland Roofing Co., Couch Bldg., Portland.
Painting—J. E. Brown, 5717 NE 26th Ave., Portland.
Hardware—Yale & Towne Mfg. Co., Stamford, Conn.
Glass & Glazing—W. P. Fuller & Co., 2181 NW Nicolai St., Portland.

LOW BIDDER
FORT DEFIANCE, Arizona.—R. F. Ball Const. Co., Fort Worth, Texas, at $346,480, submitted low bid to the Department of the Interior, Purchasing Office, 18th and F Sts. N.W., Washington, D. C., for construction of the Navajo General Hospital, Fort Defiance, Arizona, approximately 30 miles from the nearest railroad at Gallup, N. M.
The building will be a three-story, native stone building with furred exterior walls, tile partitions, steel joist floor and roof framing. The central portion is approximately 44x246-ft., with three-story wings at each end approximately 33x44 feet. There is a one-story kitchen wing and a one-story boiler room wing at the rear and the boiler room wing, 44x88 feet. The floors are finished generally in terrazzo and linoleum, and the roofs are built-up felt and gravel. Three 85-h.p., high-pressure steam boilers supplying medium and low-pressure steam for sterilizers and for heating, respectively, are included in the contract; also included are kitchen equipment, refrigeration equipment, cold storage equipment, sterilizers, elevator, electric wiring, and plumbing. Native stone for exterior walls will be furnished to the contractor at the site by the government.

BIDS WANTED
VAN NUYS, Los Angeles Co., Cal.—Until Jan. 7, 1937, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting exterior walls of the U. S. P. O. at Van Nuys.
Drawings and specifications may be obtained from the above office and from Custodian of the Building at Van Nuys.

BIDS WANTED
SAN PEDRO, Los Angeles Co., Cal.—Until Jan. 12, 1937, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of a new entrance at the U. S. P. O. and Custom House at San Pedro.
Drawings and specifications may be obtained from the above office and from Custodian of the Building at San Pedro.

BIDS OPENED
PITTSBURG, Contra Costa Co., Calif.—Ceco Wetherstrip and Screen Products Co., Chicago, at $312, submitted low bid to the Procurement

Division, Public Buildings Branch, Washington, D. C., for furnishing insect screens in the U. S. P. O. at Pittsburg.

Complete bids follow:

Ceco Weatherstrip and Screen Products Co., Chicago.....$312.00
The Robbins Mfg. Co., Chicago 328.00
Chamberlin Metal Weather Strip Co., Detroit 407.00

BIDS OPENED

ELKO, Nevada.—Jefferson Nurseries, 1740 Jefferson St., Salt Lake City, Utah, at $442, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for filling and grading grounds for the U. S. Post Office at Elko.

Only other bid submitted by H. G. Biegler, Elko, at $880.

BIDS OPENED

REDWOOD CITY, San Mateo Co., Calif.—Kurt Schmidt, 4000 El Camino Real, San Mateo, at $287.00, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for additional planting and sprinkler head changes at the U. S. P. O. at Redwood City.

Complete bids follow:

Kurt Schmidt, San Mateo.....$287
City Wide Lawn Service Co., Inglewood $307
Pacific Nurseries, Colma..... 445

BIDS OPENED

OCEANSIDE, San Diego Co., Calif. —The Robbins Mfg. Co., 1801 N. Central Park Ave., Chicago, Ill., at $311, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing insect screens in the U. S. Post Office at Oceanside.

Complete bids follow:

The Robbins Mfg. Co., Chicago....$311
Ceco Weatherstrip & Screen Products Co., Chicago..... 350
Chamberlin Metal Weather Strip Co., Detroit 416

NEW BIDS WANTED

WOODLAND, Yolo Co., Calif.—Until January 12, 1937, 10 a.m., new bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Woodland.

Specifications obtainable from the above office and from the Custodian of the building at Woodland.

All bids were rejected at previous bid call.

BIDS OPENED

ALCATRAZ ISLAND.—Dalton Oven Co., at $103.20, submitted the only bid received by the Warden, Alcatraz Penitentiary, under Bid No. 839, for repairing the Dalton Indirect Oil Fired bake oven in Bake Shop, Bldg. No. 68, Penitentiary, Alcatraz.

Contract will be awarded shortly.

BIDS WANTED

SAN FRANCISCO, Calif. — Until January 29, 1 p.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for revisions on the 1st, 2nd, 4th, 5th and attic floors of the Federal Office Building at San Francisco.

Drawings and specifications may be obtained from the above office. No deposit required for one set.

BIDS OPENED

REDDING, Shasta Co., Calif.—Toledo Scale Co., Washington, D. C., at $498.25, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for platform scales at the U. S. Post Office, Redding.

Complete bids follow:

Toledo Scale Co., Washington, D. C.....$498.25
J. P. Brennan, Redding, Cal..... 983.50
Fairbanks Morse Co., New York City 998.00
Lewis Bros., Phoenix, Ariz.....1,783.00

CONTRACT AWARDED

MARE ISLAND. — Otis Elevator Co., 1 Beach St., San Francisco, at $2,263, awarded contract by the Public Works Officer, Mare Island, under Spec. No. 8380, for converting two combination electric freight and passenger elevators located in Bldg. No. 390 at the Mare Island Navy Yard, from car switch to push-button control, including safety devices and accessories.

BIDS WANTED

SAN DIEGO, Cal.—Until January 7, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8388, for a refrigerating plant at the 11th Naval District (Destroyer Base), San Diego.

The work will include in general: (a) the installation of two air-cooled cold-storage rooms, insulated corridor and cold-storage doors; (b) the installation of one new water-cooled ammonia compressor unit with cooling-water circulating pump; (c) relocating a present ammonia compressor and cooling-water pump; (d) miscellaneous piping connections, thermostats, electrical and miscellaneous work.

Plans and specifications obtainable from the above office upon deposit of $10.00.

CONTRACT AWARDED

SAN FRANCISCO.—Western Precipitation Co., 1016 W. 9th St., Los Angeles, at $64,725, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for electrical precipitator equipment at the U. S. Mint, San Francisco.

BIDS WANTED

MONTEBELLO, Los Angeles Co., Calif.—Until Jan. 13, 1937, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing insect screens at the U. S. Post Office at Montebello.

Specifications obtainable from the above office and from the Custodian of the Building at Montebello.

LOW BIDDER

SAN DIEGO, Calif.—Ingle Manufacturing Co., 930 W. Grape St., San Diego, at $481.50, submitted low bid to the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8348, for a new hood and fan over existing flatwork ironer at the Naval Hospital, San Diego.

California Sheet Metal Works, San Diego, at $563, submitted second low bid.

BIDS OPENED

SOUTH PASADENA, Calif.—Peterson Bros., Inglewood, at $239, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for new concrete sidewalk at the U. S. Post Office, South Pasadena.

Complete bids follow:

Peterson Bros., Inglewood.....$239
L. W. Odell, Los Angeles..... 340
Larson & McCarthy, So. Pasadena 375
W. Pearce, N. Y. C..... 395
Lewis Bros., Phoenix, Ariz..... 470

8— CLUB BUILDINGS

PREPARING PLANS

LOS ANGELES, Cal.—Grant and Bruner, 607 Ferguson Bldg., are preparing engineering and architectural plans for one-story reinforced concrete and structural steel building to be added to the Helms Bakeries group at 8800 Venice Blvd. It will be known as the Helms Olympic Athletic Foundation and will provide facilities for indoor and outdoor group meetings, entertainment, library and trophy rooms for young people of the community. Cost, $50,000.

9— HOSPITALS

Plans Being Figured — Bids Close December 28, 11:30 A. M.

HOSPITAL Cost, $44,537
DELANO, Kern Co., Calif.

One-story hospital clinic (reinforced concrete floors, walls and ceilings; tile roof over wood frame; interior partitions metal studs, metal lath and plaster, low pressure steam heat; air washer and cooling system; compressed air; call system; high pressure steam for sterilizing.

Owner—County of Kern (F. E. Smith, County Clerk).

Architect—Edward J. Symmes, 215 Haberfelde Bldg., Bakersfield.

A grant of $20,041 was recently approved by the PWA.

Segregated bids will be taken as follows:

(1) General work;
(2) Plumbing and heating;
(3) Electrical work.

Plans and specifications obtainable from the office of the architect upon deposit of $10 per set for each segregation.

Plans Being Figured—Bids Close January 5, 10 A. M.

ADDITION Cost, $35,000
AUBURN, Placer Co., Calif.

One-story reinforced concrete ward addition to county hospital (80-bed ward) composition roofing, steel sash, steam heating system.

Owner — County of Placer. (A. S. Fleming, Clerk).

Architect—W. E. Coffman, 833 Forum Bldg., Sacramento.

Segregated bids will be taken as follows:

(1) Rough & Finish General (clearing of site, excavating, grading, and backfilling; concrete work, rough and finish carpenter work, tile and marble work, glass and glazing work.
(2) Roofing work.
(3) Plastering work.
(4) Heating, Plumbing, and Sheet Metal Work.
(5) Painting Work.
(6) Electrical Work.

Plans and specifications obtainable from the office of the architect upon deposit of $10.

Note: Date of opening bids has been changed from January 4, previously reported, to January 5.

BIDS WANTED

TEHAMA CO., Calif.—Until December 28, 10 a.m., bids will be received by the Tehama County Board of Supervisors, R. H. Holthe, Clerk, Court House, Red Bluff, for furnishing and installing a pressure system at the new Tehama County Hospital.

Plans and specifications obtainable from the above office.

Plans Being Figured — Bids Close January 2, 10 A. M.

WARD BUILDINGS Cost, $84,000
SPRINGVILLE, Tulare Co., Calif.

Four frame and stucco ward buildings (one 36-bed women's and children's ward bldg., 10,312 sq. ft., and three 10-bed units for general tubercular patients, 7,008 sq. ft.) reinforced concrete foundations; cement plaster ex-

terior; pine and linoleum floors; tile floors in lavatories; steel tube electric wiring; trim pine interior, steam heat, hardwall plaster, signal call system, boiler for heating plant, ducts and conduits for steam and hot water transmission; clay tile roofing on the women's and children's unit; shingle roofing on the 3 smaller units.

Owner—Tulare-Kings Counties Joint Tubercular Sanitarium (Norman C. Wolff, Recording Secretary), Court House, Visalia.

Architect — Ernest Kump, Rowell Bldg., Fresno.

A grant of $37,800 has been allotted by the PWA.

Plans and specifications obtainable from the office of the architect upon deposit of $20 per set.

Sub Contracts Awarded
HOSPITAL Cost, $30,000
LIVERMORE, Alameda Co., Calif. East First St.

One-story brick and concrete hospital building; five wards and three private rooms; composition floors; air-cooled and air-heated; X-ray equipment.

Owner—Dr. L. J. Guibbini.
Architect—Not Given.
Contractor—John Lannin, 1393 Sierra Ave., San Jose.
Roofing—Livermore Roofing Co., R. F. D. Rt. 1, Box 275, Livermore.
Plumbing—O. J. Clewet, 131 Boston Ave., San Jose.
Electric Wiring—Electric Service Co., 1234 First St., Livermore.
Heating — Peninsula Burner & Oil Co., 576 Stockton St., San Jose.
Glass — Christopher - Schmidt Glass Co., 418 S. Market St., San Jose.
Lumber & Hardware—The Diamond Match Co., Chico.
Mill Work—Hayward Mill & Lumber Co., 1 Castro St., Hayward.
Lathing & Plastering—W. M. Hill, 312 Peralta St., Hayward.

10— HOTELS

Plans Being Revised.
ALTERATIONS Cost, $.....
SACRAMENTO, Sacramento Co., 5th and J Streets.

Alterations to Travelers Hotel (steam fittings, tile work, plumbing, floor laying, etc.).

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Conctruction Department of owner.

New bids will be asked in about one week.

Sub Contracts Awarded
ADDITION Cont. Pr., $68,370
SAN FRANCISCO. Turk and Mason Streets.

Nine-story steel frame and concrete addition to Oxford Hotel (thirty rooms).

Owner—Arnold Haas.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—W. C. Tait, 883 Market St., San Francisco.
Tile—Malott & Peterson, 2412 Harrison St.
Masonry—W. A. Rainey & Son, 323 Clementina St.
Mill Work—Woodcraft Mfg. Co., 45 Hallam St.
Plaster—Berg Bros., 6452 Fulton St. (All of San Francisco.)
As previously reported:
Reinf. Steel—Gunn-Carle & Co., 20 Potrero Ave.
Plumbing—E. Sugarman, 3624 Geary Street.
Electric — Crown Electric Co., 153 Eddy St.
Steel—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.
Terra Cotta—N. Clark & Sons, 116 Natoma St., San Francisco.
Wrecking — John Falstrum, San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Bids Wanted — To Close January 4, 1937, 7:30 P. M.
ADDITION Cost, $.....
DELANO, Kern Co., Calif.
Jail addition (two cells).
Owner—City of Delano.
Architect—Edward J. Symmes, Haberfelde Bldg., Bakersfield.

Plans and specifications obtainable at the office of the City Clerk, City Hall, upon deposit of $5.00.

CONTRACT AWARDED
SAN FRANCISCO.—Alta Electric & Mechanical Co., 467 O'Farrell St., San Francisco, at $71,700 (Items I and Ia) awarded contract by the Golden Gate Bridge & Highway District, W. W. Felt, Jr., Secretary, for furnishing toll collection and recording equipment and truck scales for fourteen lanes on the Golden Gate Bridge Toll Plaza.
Jos. B. Strauss, Chief Engineer.

Plans Awaiting PWA Approval
FIRE HOUSE & SHOP BUILDING Cost, $34,891
PORTERVILLE, Tulare Co., Calif. Cleveland, Hockett, Fourth and Thurman Streets.

One - story and basement reinforced concrete fire house (60x100x23 ft.), concrete floors, wood roof on steel trusses, plastered masonry or metal lath interior walls, painted concrete exterior walls, plumbing and heating. One-story reinforced concrete shop building (60x110x18 ft.), corrugated iron roof on steel trusses, concrete floors.

Owner—City of Porterville.
Architect — W. D. Coates, Rowell Building, Fresno.

A grant of $15,700 has been approved by the PWA.

Plans have been approved by the City Council.

CONTRACT AWARDED
PALO ALTO, Santa Clara Co., Cal. —George G. Moore, 531 Stanford Avenue, Palo Alto, at $15,733, awarded contract by the City of Palo Alto Board of Public Works, City Clerk's office, City Hall, 439 Ramona Street, for construction of an Animal Shelter. The plans were prepared by Architect H. C. Collins, Deckeroak Building, Palo Alto.

Complete bids published Dec. 16.

Plans Being Figured — Bids Close January 18, 9:30 A. M.
CITY HALL Cost, $54,000
SANTA CRUZ, Santa Cruz Co., Cal. Church and Locust Streets.

One- and two-story reinforced concrete City Hall (first unit), stucco exterior, shingle tile roof, linoleum floors, steel joists, vault doors, jail equipment, floor and ceiling will be concrete slab on steeltex, low pressure steam heating system, etc. (Mayor's offices, Water Department, Police Department and Jail).

Owner—City of Santa Cruz (S. A. Evans, City Clerk).
Architect — C. J. Ryland, Monterey and Carmel.

A grant of $24,327 has been approved by the PWA.

Plans and specifications obtainable from the architect and from City Engineer Roy Fowler, upon deposit of $25.

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $7,000
SAN JOSE, Santa Clara Co., Calif. Garden Drive.

One-story frame and stucco residence (6 rooms), garage.

Owner—R. M. Lipe, 1315 Martin Ave.
Architect—Not Given.
Contractor—A. R. Calvelli, 1625 Emorey St.

Sub Contracts Awarded
RESIDENCE Cost, $6,600
PALO ALTO, Santa Clara Co., Calif. 125 Hawthorne Avenue.

One - story frame and stucco residence and garage.

Owner—M. Sibak, 975 Monterey Blvd., San Francisco.
Architect—Not Given.
Contractor—H. A. Knight, P.O. Box 573, Mountain View.
Plumbing—Lee & Sharp, 611 Emerson, Palo Alto.
Heating & Sheet Metal — Spangler Sheet Metal Works, 624 Emerson St., Palo Alto.
Hardwood Floors—A. Backlund, 559 Kingsley Ave., Palo Alto.
Brick & Stone Work—C. Mezapelli, 343 Hawthorne Ave., Palo Alto.
Lumber—Palo Alto Lumber & Roofing Co., 181 Channing Ave., Palo Alto.
Glass & Mill Work—Pacific Mfg. Co., Santa Clara.
Linoleum—Stanford Upholstering Co., 630 Ramona St., Palo Alto.
Lathing & Plastering—Wm. Davis, Mountain View. Box 806, Palo Alto.
Roofing—Reaves Roofing Co., Rt. 1,

Contract Awarded
RESIDENCE Cost, $20,000
SAN FRANCISCO. St. Francis Wood.

Two-story frame, stucco and brick veneer residence (10 rooms and 4 baths), gas furnace, plaster walls and ceilings, hardwood floors, tile roof, tile baths, detached double garage.

Owner—Karl F. Schuster.
Architect — Maybeck, White & Merchant, Russ Bldg.
Contractor—J. Harold Johnson, 771 28th Ave.

Bids In—Under Advisement
RESIDENCE Cost, $7,500
STOCKTON, San Joaquin Co., Calif. Oxford Manor.

Two-story frame and stucco residence (7 rooms, 2 baths and lavatory), tile baths, hardwood floors, gas furnace, steel sash, tile roof.

Owner—D. G. Miller.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.

Contract Awarded
RESIDENCE Cost, $8,000
CARMEL, Monterey Co., Calif.

One - story frame and stucco residence (six rooms, one bath) butt shake roof, hardwood floors, central heating plant.

Owner—Rensen Birt.
Architect—Guy O. Koepp, Box 644. Carmel.
Contractor—A. C. Stoney, San Antonio St.. Carmel.

Plans Being Figured
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co.. Cal. Harbor Drive.

Two - story frame and stucco residence (9 rooms. 3 baths) plaster walls and ceilings; hardwood floors, linoleum baths; gas-fired hot air furnace; garage.

Owner—Withheld.
Architect—Williams and Wastell. 337 17th St., Oakland.

Plans are being figured by one contractor only.

Plans Being Figured
RESIDENCE Cost, $10,000
ORINDA, Alameda Co., Calif. Unit No. 7.
1½-story frame and stucco residence (8 rooms, 2 baths) some wood siding, shake roof, linoleum baths and tile shower and kitchen sink, oil burning hot water radiation heating system.
Owner—Withheld.
Architect—Williams and Wastell, 337 17th St., Oakland.
Plans are now being figured by a selected list of contractors.

Contract Awarded
RESIDENCE Cost, $9,000
WILLOW GLEN, Santa Clara Co.
One - story frame and stucco residence (six rooms), gas furnace, hardwood floors, tile bath, etc.
Owner—Henry Robidoux.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Contractor—Thomas H. Herschbach, 504-507 Twohy Bldg., San Jose.

Contract Awarded
RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Cal. Lots 17 and 18, Block 6, Chatham Drive.
Two - story frame and stucco residence.
Owner—W. G. Andrews.
Architect—Not Given.
Contractor—C. H. Bassett Building Co., 826 Walnut St., Burlingame.

Contract Awarded
RESIDENCE Cost, $9,000
SAN MATEO, Calif. Lot 2, Block 14, Cornell Street.
Two - story frame and stucco residence.
Owner—Ellen Gassenberg, 226 South Delaware St.
Architect—Not Given.
Contractor—Harry Kime, 118 12th Ave., San Mateo.

Sub-Contracts Awarded
RESIDENCE Cont. Price, $12,273
SAN FRANCISCO. 2550 Green St.
Two - story and basement frame and brick veneer residence and garage.
Owner—Gunther W. Nagel, 2341 Vallejo Street.
Architect—Houghton Sawyer, 337 17th Street, Oakland.
Contractor—Moore and Roberts, 693 Mission Street.
Hardwood Floors—Inlaid Floor Co., 600 Alabama Street.
Plumbing—Frank J. Klimm Co., Inc., 456 Ellis Street.
Glass and Glazing—W. P. Fuller & Co., 301 Mission Street.
Heating—Aladdin Heating Corp., 5107 Broadway, Oakland.
Plastering—W. G. and A. Gilmour, 666 Mission Street.
All of San Francisco unless otherwise noted.

Contract Awarded
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif. 1044 Creston St.
Two-story frame and stucco residence (6 rooms), garage.
Owner—E. M. Lacy, 3240-A Briggs St., Alameda.
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley.
Contractor—Whalin Bros., 2942 23rd Ave., Oakland.

Sub-Contracts Awarded
RESIDENCE Cost, $7,500
STOCKTON, San Joaquin Co., Calif. 201-209 N Ophir Street.
Rustic duplex residence (10 rooms).
Owner—Maria Prima.
Architect—Not Given.
Contractor—W. T. McCarty, 529 East Clay Street, Stockton.
Plumbing & Sheet Metal—A. D. Ray, 735 E Lafayette St.
Roofing—Gill Roofing Co., 727 North Monroe Street.
Heating—Fraser Furnace Co., 445 S. San Joaquin St.
Tile Work—G. K. Morrison, Route 4, Box 58, Stockton.
Electric Wiring—Home Wiring Co., 522 E Washington St.
Glass and Mill Work—Alpine Mill & Mfg. Co., 3411 N Sutter St.
Hardwood Floors—Kerr and Carmichael, 2420 E Hazelton Ave.
Brick & Stone Work—Chas. H. Miller, R. F. D. 4, Box 43-Y.
Grading—R. E. McCarthy, 603 Eastworth Street.
Foundations and concrete—F. Kaus, 2726 E Main St.
Lumber—Diamond Match Co., Chico.
Hardware—Tom Scally, 28 N. California Street.
Painting—Herman Walters, 1232 Nophir Street.
Lathing and Plastering—Hegardt & Simpson, Rt. 2, Box 149-B.
All bidders of Stockton unless otherwise noted.

Sub-Contracts Awarded
RESIDENCE Cont. Price, $12,065
SAN FRANCISCO. Belgrave Avenue near Stanyan Street.
One - story frame and stucco residence (6 rooms) shingle tile roof, hot air heating system, hardwood floors, tile bath, garage.
Owner—Rosa Diehl.
Architect—M. J. Rist, Phelan Bldg.
Contractors—Julius Bloom and Alfred Beurman, 110 Sutter St.
Mill Work—Davis Hardwood Co., Bay and Mason Streets.
Electric — Cooper Electric Co., 1336 Rhode Island Street.
Floors—Acme Floor Co., 1051 Mission.
Ornamental Iron—Seipel Ornamental Iron Co., 1079 Folsom St.
Tile—Progressive Tile Co., 1216 Powell Street.
Plumbing—A. Ramazzotti, 1473 Vallejo Street.
Sheet Metal—John J. Delucchi, 1526 Powell St.
Stone and Brick—Frederick Hoffman 11 Harper Street.
Roofing—W. J. Anderson, 3825 Army.
Steel Sash—Michel & Pfeffer Iron Works, Inc., 10th and Harrison.
Stairs—B. Christini.
Glass—San Francisco Glass Co., 5234 Mission Street.
Heating—H. C. Stokely.
All of San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $12,000
SAN FRANCISCO. St. Francis Wood
Two - story and basement frame and stucco residence (8 rooms and 2 baths) shingle and tile roof, gas heating system, steel sash, tiled baths, hardwood floors, etc.
Owner—Hugo Bedau.
Architect—Fred Reimers, 233 Post St.
Contractor—Fred DuPuy, 110 Sutter.
Roofing—Alta Roofing Co., 976 Indiana Street.
Plumbing—F. W. Spencer and Son, 2529 Anza Street.
Electric Wiring—Frank F. Goodman, 1466 33rd Avenue.
Heating and Sheet Metal—Atlas Htg. & Vent. Co., Ltd., 557 4th St.
Tile Work—Progressive Tile Co., 1216 Powell Street.
Mill Work—Pacific Mfg. Co., Santa Clara.
Painting—W. G. Thompson, 336 Church Street.
Stairs—Ode & DeMichelis, 1215 Geary.
Steel Sash—Parker - Carpenter Co., 604 Mission St.
All of San Francisco except as otherwise noted.

Bids Wanted — To Close Dec. 29, 5 P. M.
RESIDENCE Cost, $____
SAN FRANCISCO, Calif. Washington St., near Arguello Blvd.
Two-story frame residence (8 rooms, 2 baths), wood exterior, gas heat, wood sash, oak floors, tile baths, etc.
Owner—Forrest L. Jones, San Francisco.
Architect — Gardner A. Dailey, 210 Post Street.
Following are figuring plans:
H. H. Larsen, 64 S. Park Ave.
A. F. Mattock Co., 212 Clara St.
G. P. W. Jensen, 320 Market St.
M. A. Little Co., 107 24th Ave.
Paul K. Jones, 666 Mission St.
(All of San Francisco.)

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 714 Caldwell Road.
One-story frame and stucco residence (6 rooms), garage.
Owner & Builder—Pacific Gas Appliance Co., 1450 Harrison Street, Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 680 Glendome Circle.
Two-story frame and stucco residence (6 rooms), garage.
Owner & Builder—F. A. Heroux, 4763 El Centro Ave.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Calif. 5919 Acacia Ave.
Two-story frame and stucco residence (7 rooms), garage.
Owner—E. H. Biles.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Preparing Preliminary Plans
RESIDENCES Cost, $100,000
ATHERTON, San Mateo Co., Calif. O'Dell Park, El Camino Real.
Seven residences to be constructed on highly restricted six-acre tract.
Owner—Robert S. O'Dell, Atherton.
Plans by W. F. Klay, Decker Oaks Bldg., Palo Alto.
Contractor—W. F. Klay, Decker Oaks Bldg., Palo Alto.

Sub Contracts Awarded
Residence Cont. Pr., $9,500
PALO ALTO, Santa Clara Co., Calif. Stanford University Campus.
Two - story frame and stucco residence (7 rooms and 2 baths), shingle roof, gas heating system, garage.
Owner—Raymon Dyler, Palo Alto.
Architect—C. K. Summer, Deckeroak Bldg., Palo Alto.
Contractor — Ralph C. Knight, 595 Bailey Ave., Mountain View.
Plumbing—Lee & Sharp, 611 Emerson St., Palo Alto.
Electric Wiring — Erskine Electric Works, Middlefield Road at 5th Ave., Redwood City.
Heating & Sheet Metal — Stanford Sheet Metal Works, 815 High St., Palo Alto.
Tile Work—Broomhall Tile Co., 1529 St. Francis Way, San Carlos.
Hardwood Floors—A. Backlund, 559 Kingsley Ave., Palo Alto.
Mill Work — Pacific Manufacturing Co., Santa Clara.
Painting—Otto Freeborn, 901 Mercy St., Mountain View.
Glass—Acme Glass Co., 851 Palo Alto.

To Ask Bids Shortly
NURSES' COTTAGE Cost, $____
CARMEL, Monterey Co., Calif.
Nurses' cottage (living room, kitchen, dining room, sleeping accommodations for 10 nurses).
Owner—Peninsula Community Hos-

pital (W. W. Powell, President of Board).
Architect—Not Given.
A call for bids probably will be issued shortly.

Completing Plans
ALTERATIONS Cost, $4,500
SAN FRANCISCO. 2413 Washington Street.
Alter flats to apartments.
Owner—Mr. Klee.
Mgr. of Const.—Cyril Doane, 49 Rico Way.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
ROSS, Marin Co. Del Mesa Tract.
One-story frame and stucco residence.
Owner—James Redpath, Jr., Ross.
Architect—Not Given.
Contractor—Adams Bros., 2218 21st Ave., San Francisco.

Plans Being Figured—Bids Close December 29
RESIDENCE Cost, $.....
HILLSBOROUGH, San Mateo Co.
New residence.
Owner—Withheld.
Architect—Farr & Ward, 68 Post St., San Francisco.
Bids are being received from a selected list of contractors.

Contract Awarded
RESIDENCE Cont. Pr., $17,407
KENTFIELD, Marin Co., Calif.
Two-story frame residence (11 rooms, 5 baths), hardwood floors, gas fire warm air heat, wood sash, slate roof, etc.
Owner—Mr. Barrows.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—William Martin, 666 Mission St., San Francisco.

Owner Taking Sub-Bids
ALTERATIONS Cost, $3,000
SAN FRANCISCO. Broderick Street near Washington Street.
General alterations to residence.
Owner—Land Development Co., 364 Bush Street.
Architect—Not Given.
Mgr. of Const.—Cyril Doane, 49 Rico Way.

Preparing Plans
RESIDENCE Cost, $40,000
SAN RAFAEL HIGHLANDS, Marin Co., Calif.
Gravelite concrete residence.
Owner—F. C. Dougherty.
Architect—Mark Daniels, 101 Post St., San Francisco.

Plans Being Prepared
RESIDENCE Cost, $.....
SAN RAFAEL HIGHLANDS, Marin Co., Calif.
Two-story gravelite concrete residence.
Owner—F. C. Dougherty.
Architect—Mark Daniels, 101 Post St., San Francisco.

Bids In—Held Under Advisement
RESIDENCE Cost, $.....
ROSS, Marin Co., Calif.
Two-story frame residence, gas heat, oak floors, wood sash, composition roof, wood exterior, four baths.
Owner—Moya Del Pino, Ross.
Architect — Gardner A. Dailey, 210 Post St., San Francisco.
Announcement will be made shortly.

Bid Opening Postponed Until December 26, 2 P. M.
RESIDENCE Cost, $7,600
BERKELEY, Alameda Co., Calif. No. Berkeley District.
Two-story frame and stucco residence (6 rooms, 1 bath), shingled roof, hot air gas fired furnace, hardwood floors, tile bath, garage.
Owner—Name Withheld.
Architect — Chas. W. McCall, 1404 Franklin St., Oakland.
Following are figuring plans:
Albert A. Haskell, 255 Ridgway Ave.
Olaf Petersen, 3626 Rhoda Ave.
Bertram Booth, 375 Euclid Ave.
(All of Oakland.)

Bids Opened
RESIDENCE Cost, $4,500
LAFAYETTE, Contra Costa Co., Cal. Moraga Road and Brooks Ave.
One-story frame and rustic residence (6 rooms, 1 bath), tar gravel roof, oil furnace, hardwood floors, tile bath, garage.
Owner—Name Withheld.
Architect — George Payton Simonds, 80 Main St., Hayward.
Low Bidder—George S. Tandy, 673 38th St., Richmond—$4,487.
Complete bids follow:
George S. Tandy, Richmond.....$4,487
Skovmand & Lewis, Oakland..... 6,000
F. A. Gates, Lafayette..... 6,270

Bids Wanted — To Close January 4, 8 P. M.
RESIDENCE Cost, $.....
HAYWARD, Alameda Co., Cal. Main Street.
Two-story frame and rustic residence (6 rooms, 1 bath), gravel roof, warm air heating system, masonite floors, linoleum bath & kitchen.
Owner—George A. Mays.
Architect—George Patton Simonds, 80 Main St., Hayward.
Following are figuring plans:
Arthur Holyoake, 2839 E Ave., Hayward.
Skovman & Lewis, 729 E. 18th St., Oakland.
F. C. Little, 1960 B St., Hayward.

Plans and Specifications Completed
RESIDENCE Cost, $8,000-$10,000
ALAMEDA, Alameda Co., Calif.
Two-story residence (3 bedrooms, 2 baths) linoleum floors, tile baths, watrola heat and hot air gas furnaces, shingle tile roof, gravelite concrete construction, etc.
Owner—Captain Walter J. Seaborn, 1417 San Antonio, Alameda.
Architect—Mark Daniels, 101 Post St., San Francisco.
Plans and specifications for the first of a group of twenty residences have been completed and bids will be asked shortly. Plans have been started on a second residence.

To Be Done By Day's Work
RESIDENCE Cost, $10,500
PIEDMONT, Alameda Co., Calif. 101 Scenic Avenue.
Two - story frame and stucco residence (8 rooms) and garage.
Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—Not Given.

Bids In—Under Advisement.
RESIDENCE AND LABORATORY Cost, $.....
BERKELEY, Alameda County, Cal. Spruce Street.
Two - story frame, stucco and reinforced conc. residence and laboratory (4 bedrooms and 3 baths) tile roof, hardwood floors, tile baths, hot air heat, steel sash.
Owner—A. F. Pillsbury.
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.

Bids Opened
RESIDENCE Cost, $3,600
SONOMA COUNTY, Calif. One-half mile south of Santa Rosa on Old Petaluma Hill Road.
One - story frame and stucco residence (five rooms) wood burning circulating heater; tile bath, 2-car garage; hardwood floors.
Owner—Mrs. E. Brande.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder — C. L. Personett, 731 Santa Rosa Ave., Santa Rosa, $3,600.
Complete bids follow:
C. L. Personett, Santa Rosa.....$3,600
Leon Koch 3,725
Ogburn & Elder..... 4,071
L. O. Halvorsen..... 4,300
All of Santa Rosa.

Indefinitely Postponed
RESIDENCE Cost, $.....
SAN FRANCISCO. St. Francis Wood.
Two-story and basement frame and stucco residence (7 rooms and 3 baths), tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Mr. Handey.
Architect—Maybeck, White & Merchant, Russ Bldg.

To Be Done By Day's Work
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Calif. 5647 Harboard Drive.
Two-story frame and stucco residence (7 rooms), garage.
Owner & Builder—J. A. Stroud, Jr., 370 17th St., Oakland.
Architect—Not Given.

To Be Done By Day's Work
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Calif. 5358 Harboard Drive.
Two-story frame and stucco residence (6 rooms), garage.
Owner & Builder—C. J. Pfrang, 6300 Claremont Ave., Oakland.
Architect—Not Given.

Plans Completed
RESIDENCE Cost, $9,000
SAN FRANCISCO, Calif. Richmond District.
Two-story frame and stucco residence (8 rooms, 2 baths), hardwood floors, tile baths, etc.
Owner—R. E. Byard, Gillon Lumber Co., 3931 Geary Blvd.
Architect—A. H. Larsen, 333 Kearny Street.
Owner will take bids in the early part of January.

Contract Awarded
RESIDENCE Cost, $10,000
BURLINGAME HILLS, San Mateo Co., Calif.
Two-story frame and stucco residence (8 rooms, 3 baths), hardwood floors, linoleum baths, gas fired hot air furnace, garage.
Owner—Withheld.
Architect—Wm. H. Rowe, 351 California St., San Francisco.
Contractor—Joseph P. Sechser, 1124 El Camino Real, Burlingame.

Additional Sub Contracts Awarded
RESIDENCE Cost, $9,000
SAN MATEO, Calif. Lot 16, Blk. 21, Virginia and Park Blvds.
Two-story frame and stucco residence, garage.
Owner—H. J. Newton, care Contractor.
Architect — Higgins & Root, Security Bldg., San Jose.
Contractor—G. W. Williams Co., 315 Primrose Rd., Burlingame.
Electric Wiring—Atlas Electric Co., 135 B St., San Mateo.
Tile Work—Broomhall Art Tile Co., 1529 St. Francis Way, San Carlos.
As previously reported:
Lumber—Wisnom Lumber Co., 5th and S. Claremont Sts., San Mateo.
Mill Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.

Owner Taking Sub-Bids
RESIDENCE Cost, $6,000
SALINAS, Monterey Co., Calif.
One - story frame and siding residence (6 rooms, 1 bath) hardwood floors, shake roof, wall furnace heat, wood sash, etc.

Owner—J. H. Graham.
Architect—Chas. E. Butner, 51 Maple Street, Salinas.

15— SCHOOLS

Preparing Plans
ADDITION Cost, $22,000
BAKERSFIELD, Kern Co., Calif.
Addition of four new classrooms to the Horace Mann Grammar Sch.
Owner—Horace Mann Grammar Sch. District.
Architect — Charles H. Biggar, 554 Haberfelde Bldg., Bakersfield.

Plans Being Figured — Bids Close January 5, 8 P. M.
SCHOOL Cost, $22,222
SANTA RITA, Monterey Co., Calif.
One-story frame and stucco school building (two classrooms and auditorium), concrete foundation; composition roofing; standard plumbing and electrical work.
Owner—Santa Rita School District (A. B. Hollenstain, Clerk).
Architect — C. J. Ryland, Monterey and Carmel.
F. C. Stolte, San Simeon, at $24,400, submitted the previous low bid.
A grant of $10,000 was recently approved by the PWA.
Plans and specifications obtainable from the office of the architect upon deposit of $20.

Plans Being Figured
GYMNASIUM Cost, $30,000
SACRAMENTO, Sacramento County, Calif. Fourth and O Streets.
One-story reinf. concrete gymnasium (73x133 ft.), steel trusses, etc.
Owner—Buddhist Church, Inc., 418 O St., Sacramento.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Structural Engineer—E. D. Francis, California State Life Bldg., Sacramento.
Plans and specifications have been sent to the following contractors:
Harry Robertson, 3004 F St., Sacramento.
C. J. Hopkinson, 1810 28th St., Sacramento.
Campbell Constr. Co., 800 R St., Sacramento.
Peterson & Steinbrenner, 1116 O St., Sacramento.
Azevedo Constr. Co., 920 O St., Sacramento.
Fred Betz, 1017 43rd St., Sacramento.
Chas. F. Unger, 2426 Seventh Ave., Sacramento.
Bids will be opened about January 4.

AWARD RECOMMENDED
PALO ALTO, Santa Clara Co., Cal. —Palo Alto Hardware Co., 278 University Ave., Palo Alto, at $2,464, submitted low bid and recommended for award of contract by the Board of Education of the Palo Alto Unified School District, 543 Channing Ave., Palo Alto, for furnishing finish hardware for the David Starr Jordan Junior High School.
Complete bids follow:
Palo Alto Hardware Co., Palo Alto $2,464.00
Associated Hardware Co. 2,777.00
Palo Alto Lumber Co., Palo Alto 2,950.00
Farmers Union, San Jose 3,038.68
Birge M. and David B. Clark, 310 University Ave., Palo Alto, architects.

Bids Opened
ADDITION, ETC. Cost, $60,000
OAKLAND, Alameda Co.. Cal. Montclair School, Thorn Rd. and Mt. Blvd.; Chabot School, Chabot & Patton Streets; Sherman School, Brann St. and Morcom Avenue.
New frame auditorium for Montclair School (rigid asbestos roof, maple floor, seat 300); alterations to Chabot School; completion of heating and wiring system; alterations to the Sherman School, completion of heating and wiring system.
Owner—Oakland School District.
Architect—Will G. Corlett, Bank of America Bldg., Oakland.
Grant of 45% of cost approved by the PWA.
Bids were taken on the following propositions:
(1) Montclair School assembly bldg., new construction;
(2) Chabot School reconstruction;
(3) Chabot School mechanical work; Alt. (1) to proposition (3) Chabot mechanical work alternates;
(4) Sherman School mechanical work
(5) Chabot & Sherman schools stage equipment;
(6) Montclair School stage equip.
Complete bids follow:
Montclair School Assembly Bldg.
George Swanstrom, 1615 78th Ave., Oakland $39,225
Willis F. Lynn, Oakland 39,725
S. G. Johnson, Oakland 39,851
Villadsen Bros., Inc., Oakland.. 40,880
Carl N. Swenson Co., San Jose 41,854
Chabot School Reconstruction
W. F. Lynn, 1037 Ashmount.... $ 7,687
Villadsen Bros., Inc., Oakland.. 8,200
A. Nelson, Inc., S. F. 10,730
Chabot School Mechanical Work
Max Finzel Plumbing Co., 2025 Hopkins St., Oakland.. 4,580
..... Alt. 563
The Scott Co., Oakland 5,440
..... Alt. 475
Sherman School Mechanical Work
Max Finzel Plumbing Co., 2025 Hopkins St., Oakland.. 4,794
The Scott Co., Oakland 5,490
Chabot and Sherman Stage Equipt.
General Seating Co., 160 2nd St., San Francisco 955.92
Fred E. Turner, S. F. 1,495.00
Western Scenic Studio, Oakland 1,750.00
Montclair School Stage Equipment
General Seating Co., 160 2nd St., San Francisco 480.80
Fred E. Turner, S. F. 747.50
Western Scenic Studio, Oakland 884.50
Bids held under advisement.

Bids Wanted — To Close January 8, 9 A. M.
GYM AND AUDITORIUM $30,000
CEDARVILLE, Modoc Co., Calif.
One-story frame and stucco auditorium and gymnasium, composition roof, concrete floors, maple floor in gymnasium, plaster interior walls (stage, office, locker rooms, showers and toilets).
Owner—Surprise Valley Union High School District, Cedarville, Modoc County.
Architect—Howard Perrin, 2067 Underwood Bldg., Klamath Falls, Oregon.
A grant of $13,500 has been approved by PWA toward the project.
Plans may be obtained from the office of the architect on deposit of $20 per set.

Plans Approved
RECONST. SCHOOL Cost, $118,707
TAFT, Kern Co., Calif.
Reconstruction of north and south wings of high school.
Owner—Taft Union High School District.
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.
Plans have been approved by the State Division of Architecture, and will be forwarded to PWA for approval.

Plans Being Figured — Bids Close December 28, 7:30 P. M.
LOCKER ROOMS Cost, $29,000
SHAFTER, Kern Co., Calif.
Boys' and girls' locker and shower rooms, including equipment; boiler room basement, 12 ft. 4 in. x 16 ft. 9 in. (reinf. concrete foundations and walls, wood and composition roof; cement floors, steel sash, plastered ceilings, skylights, lockers, showers, oil burning heater, 500-gal. storage; directors' room and towel rooms.
Owner—Kern County Union High School District (C. F. Moore, Clerk), High School Bldg., Bakersfield.
Architect—Office of Edward J. Symmes, 215 Haberfelde Bldg., Bakersfield.
Plans and specifications obtainable from the office of the architect upon deposit of $10.
A grant of $13,015 has recently been allotted by the PWA.

Bide Opened
ALTERATIONS Cost, $35,000
MILL VALLEY, Marin Co., Calif.
Alterations and additions to Old Mill School (replace brick with frame and stucco, shingle roofing, etc.).
Owner—Mill Valley School District.
Architect — Walter Falch, Hearst Bldg., San Francisco.
Low Bidder—Vincent Maggiora, 15 Harrison Ave., Sausalito—$34,456.
Bids were taken as follows:
(1) Add on auditorium windows;
(2) Deduct on shingles;
(3) Add on Venetian blinds;
(4) Add on awning windows;
(5) Add on steel sash.
Complete bids follow:
Vincent Maggiora, Sausalito.... $34,456
..... (1) 440
..... (2) 1,000
..... (3) 712
..... (4) 1,681
..... (5) 3,552
De Lucca & Son, Inc., San Francisco 42,380
..... (1) 260
..... (2) 1,000
..... (3) 450
..... (4) 1,400
..... (5) 3,350
Leibert & Trobock, San Rafael 44,423
..... (1) 315
..... (2) 900
..... (3) 453
..... (4) 700
..... (5) 3,439

BIDS WANTED
LOS ANGELES, Calif.—Until December 30, 2 p.m., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a one-story frame and stucco classroom building to be erected at Latona Avenue school, 625 E. Avenue 43. Cost, $73,000. A. S. Nibecker, Jr., architect.

Bids Wanted—To Close Jan. 5th, 2 P. M.
SCHOOL GYM & AUDITORIUM
MENDOCINO CITY, Mendocino Co.
One - story frame gymnasium and auditorium (conc. foundations, redwood shingle roof, top floor of maple, ground floor cement, electric wiring for auditorium & stage, stage bleachers, recreation room, offices, boys' and girls' washrooms, ground floor space, 6,890 sq. ft).
Owner—Mendocino Union High Sch. District.
Architect—N. R. Coulter, 46 Kearny St., San Francisco.
PWA has approved grant of $7,120 to assist in financing.
Plans and specifications obtainable from the office of the School Board, Mendocino Union High School, and from the offices of the architect upon deposit of $10.00.

BIDS WANTED
LOS ANGELES, Calif.—Until Dec. 30, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a one-story frame and stucco classroom building to be erected at

Latona Avenue School, 625 E. Avenue 43. Cost, $73,000. A. S. Nibecker, Jr., architect.

BONDS VOTED

CAMPBELL, Santa Clara Co., Cal. Cambrian School District voted bonds in the amount of $12,000 december 17 to finance construction of a school assembly hall as an addition to the present school building.

BOND ELECTION

LINDSAY, Tulare Co., Calif.—Lindsay School District will vote on January 5 on a proposal to issue bonds in the amount of $60,000, proceeds to help finance construction of the new Lincoln Junior high school.

Bond election date was re-set when the first bond issue on Nov. 10 was declared invalid because of a technical error in the form of the published election notice.

H. L. Gogerty, Hollywood, Architect.

Plans Being Figured—Bids Close January 4, 8:00 P. M.

SCHOOL Cost, $7,000
POLLOCK PINES, Eldorado Co., Cal.
One-story frame school building (1 classroom).
Owner—Cadargrove School District, (N. S. Grout, Secretary).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans and specifications obtainable from the architect.

BIDS OPENED

SCHOOL Cost, $22,000
TERMINOUS, San Joaquin Co., Cal.
One-story elementary school building (3 classrooms and assembly hall), concrete foundations, wood siding and wainscote; celotex walls and ceilings; oil fired hot air heat, wood shingle roof, maple floors, etc.
Owner—Terminus Elementary School District.
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.
Low Bidder—A. L. Swanson, P.O. Box 341, Turlock.
Complete bids follow:

A. L. Swanson, Turlock	$23,902
George Roek, Stockton	26,980
C. H. Dodd, Stockton	27,757
H. C. Vickroy, Stockton	28,344

The Board of Trustees will recommend to the PWA that the contract be awarded A. L. Swanson on a basic bid of $23,902, with a deduction of $3,345 for omission of the assembly room (Alt. 3).

The PWA recently allotted a grant of $10,811.

BIDS WANTED

FONTANA, San Bernardino Co., Calif.—Until December 28, 1:30 p.m., bids will be received by the Fontana School District for a one- and part two-story Class A, reinf. concrete auditorium to be erected at Fontana elementary school, a PWA project. Cost, $72,445. Marsh, Smith & Powell, Architects, 508 Architects' Bldg., Los Angeles.

CONTRACT AWARDED

SAN FRANCISCO. — William Allingham Co., 1257 Folsom St., at $21.-60 per day, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. 5234, for sinking of eight test holes on the site of the proposed Lowell High School Gymnasium, SW corner of Masonic Avenue and Grove Street.

Material Bids Wanted — To Close January 6, 4:45 P. M.

REHABILITATE SCHOOL $6,000
BERKELEY, Alameda Co., Calif.
Additional rehabilitation of Lincoln School.
Owner—Berkeley Unified School District (Clara F. Andrews, Secretary).
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.
Consulting Architect — W. C. Ambrose, Berkeley Board of Education.

Materials to be furnished include steam boilers, oil burners, metal-covered doors and trim, metal windows, miscellaneous and ornamental iron, copper, concrete aggregates, patent flue pipe, etc.

Specifications obtainable from the office of the Secretary upon deposit of $25.

BIDS WANTED

SUSANVILLE, Lassen Co., Calif.—Until Jan. 4, 1:30 p.m., bids will be received by the Lassen Union High School District, J. A. Brown, Clerk of the Board of Trustees, for (a) one No. 5 size AR-31 Ray burner or approved equal, installed on heating plant at the Lassen Union High School, (b) one No. 1 size AR-31 Ray burner, or approved equal, installed on hot water boiler at the Lassen Union High School.

Separate bids will be taken on cost of burners, cost of controls, and cost of installation.

To Ask Funds

SCHOOL BLDG. Cost, $324,000
EAST BAKERSFIELD, Kern Co., Cal.
New Junior High School.
Owner—Kern County Union High School District.
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.
Structural Engineer—Mark Falk, 908 Washington Bldg., Los Angeles.

The Board plans to file a new application with the PWA for a grant of approximately $145,000 to aid in financing. An original grant of $148,-000 has been cancelled by the PWA.

LOW BIDDER

MONROVIA, Los Angeles Co., Cal. —Whyte-McGinnis Co., 11 S. Second St., Alhambra, at $43,316 submitted the low bid to the Monrovia City School District for the erection of a frame and stucco classroom building at the Huntington elementary school, a PWA project. Robert M. Finlayson, architect, Monrovia; Manley W. Sahlberg, structural engineer.

Revised Plans Approved

SCHOOL Cost, $22,222
SANTA RITA, Monterey Co., Calif.
One-story frame and stucco school building (two classrooms and auditorium), concrete foundation; composition roofing; standard plumbing and electrical work.
Owner—Santa Rita School District.
Architect — C. J. Ryland, Monterey and Carmel.

Revised plans have been approved by the PWA and new bids will be called shortly.

F. C. Stolte, San Simeon, at $24,400, submitted the previous low bid.

A grant of $10,000 was recently approved by the PWA.

CONTRACT AWARDED

CROCKETT, Contra Costa Co., Cal. —Karl S. Koller, Crockett, at $73,398, awarded contract by the Carquinez Grammar School District for the reconstruction of the center portion of the Carquinez Grammar School, for which PWA approved a grant of $40,201 to assist in financing.

Engineers for the project are Dewell & Earl, 55 New Montgomery St., San Francisco.

Preparing Plans

PLUNGE Cost, $50,000
TAFT, Kern Co., Calif. Lincoln Sch., 4th St.
Concrete tile-lined pool, and frame building.
Owner—Taft School District.
Architect — Charles H. Biggar, 554 Haberfelde Bldg., Bakersfield.

Taft School District will vote on Jan. 8, 1937, on a proposal to issue bonds in the amount of $50,000, proceeds to finance construction of the plunge.

Plans Being Revised

SHOWER & LOCKER ROOMS Cost, $.....
MODESTO, Stanislaus County, Calif. (Roosevelt School).
One - story frame and stucco girls' shower and locker room building (57x70 ft.), reinforced concrete foundations and floors, composition roofing, cement plaster.
Owner—Modesto City Board of Education (E. D. Abbott, Secretary), 14th and I Sts., Modesto.
Architect—John J. Donovan, 950 Parker St., Berkeley.

Approximately $14,000 is available for construction.

Sub Contracts Awarded

SCHOOL Cont. Pr., $26,680
TULELAKE, Siskiyou Co., Calif.
One-story frame school building (six classrooms), concrete footing and foundation walls, stucco exterior, wood shingle and built-up roofing, plaster interior walls and ceiling, warm air furnace.
Owner — Tulelake School District (Anne Horton, Clerk).
Architect — Howard Perrin, Underwood Bldg., Klamath Falls, Oregon).
Contractor — Brosterhous Constr. Co., Klamath Falls.
Plumbing, Heating & Sheet Metal—G. C. Motley, 829 Klamath Ave., Klamath Falls.
Electric Wiring — Tulelake Electric Shop, Box 103, Tulelake.
Painting—J. H. Fikes, P.O. Box 1154, Klamath Falls, Ore.

16—BANKS, STORES AND OFFICES

Planned

BANK BUILDING Cost, $.....
CARMEL, Monterey Co., Calif. Ocean Ave. and Dolores St.
New Bank Building.
Owner—Bank of Carmel (T. A. Work, President).
Architect—Not Given.

Contract Awarded

OFFICE BLDG. Cost, $400,000
SAN FRANCISCO. Sansome Street between Pine and California.
Six-story Class A office building.
Owner—Insurance Company of North America.
Architect — George W. Kelham, 315 Montgomery Street.
Structural Engineer—H. J. Brunnier, Sharon Building.
Contractor—Lindgren and Swinerton, Inc., 625 Standard Oil Bldg.

Owner—Taking Sub-Bids

ALTERATIONS Cost, $5,000
SAN FRANCISCO. Fillmore St. near Sacramento St.
Alterations to stores and flats.
Owner—Land Development Co., 364 Bush Street.
Architect—Not Given.
Mgr. of Const.—Cyril Doane, 49 Rico Way.

PLANNED

CULVER CITY, Los Angeles Co., Calif.—Metro-Goldwyn-Mayer Studio has announced plans for an office building, five new sound stages, and other buildings, to be built at their plant in Culver City at a cost of more than $1,000,000. The office building will be a three-story wood frame building, costing approximately $650,000. Architect not selected. 16

BIDS OPENED
RESTAURANT Cost, $.....
SAN MATEO, San Mateo Co., Calif.
One-story stucco restaurant, plaster and plywood interior, shingle roof, oil burner heating system, wood sash, hardwood floors.
Owner—Chartier's Restaurant.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
Low Bidder—C. H. Bessett, 826 Walnut Ave., Burlingame.
Complete bids follow:
C. H. Bessett, Burlingame.....$14,950
Mooney & MacDonald, Burlingame 14,996
S. A. Wisnom, San Mateo..... 16,250
G. W. Williams Co., Burlingame 16,295
Chas. Pedersen, San Mateo..... 16,322
Mills Constr. Co.. S. F..... 18,661

Contract Awarded
OFFICE BLDG. Cost, $30,000
SEATTLE, Washington.
One-story reinforced concrete film exchange bldg. (50x120-ft.) brick veneer, terra cotta trim.
Owner—Withheld.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor—Sound Const. and Engr. Co., North Life Tower, Seattle.

Contract Awarded
STORE Cost, $8,500
STOCKTON, San Joaquin Co., Calif. 1534 E. Main St.
New store building.
Owner—Syrian Charity Society of Stockton.
Architect—Not Given.
Contractor—C. J. Carlson, 807 North Madison St., Stockton.

Completing Working Drawings
STORE BUILDING Cost, $.....
MILL VALLEY, Marin Co., Calif.
Two-story and basement steel frame store building (50x70).
Owner—Alberts, Inc.
Architect — C. F. Gromme, Freitas Bldg., San Rafael.
Structural Engineer—W. F. Kellberg, 320 Market St., San Francisco.
Plans will be figured by one contractor only.

Contract Awarded
OFFICE BUILDING Cost, $8,000
COLUSA, Calif. Fourth and Market Streets.
Office building, facilities for distribution center and garage space.
Owner—Richfield Oil Company.
Plans by Engineering Department of Owner.
Contractor — Julius Hofmeister, 439 Seventh St., Colusa.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO, Calif. 1005 Market St.
Alter office.
Owner—Ahlandt & Buck, 1005 Market St.
Engineer — W. H. Ellison, Pacific Bldg.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded
OFFICE BUILDING Cost, $8,000
SAN MATEO, Calif. Western Addition, Blk. 14.
One-story reinf. concrete Class C office building.
Owner—Hisao Yamaouchi et al.
Architect—Will H. Toepke, 126 Post St., San Francisco.
Contractor—C. E. Fowler, 829 Edgehill Drive, Burlingame.

Plans Being Figured — To Close December 30, 4 P. M.
STORE Cost, $250,000
SANTA ROSA, Sonoma Co., Calif. D and Fourth Streets.
Two-story steel frame and reinforced concrete department store building (30 departments); complete air conditioning equipment; electric plant.
Owner—Fred Rosenberg, Santa Rosa.
Architect — Hertzka & Knowles, 369 Pine St., San Francisco.
Plans are being figured by a selected list of contractors.
Dinwiddie Construction Co., 210 Crocker Building, San Francisco, is figuring plans and desires sub bids on all portions of the work.

Contract Awarded
ALTERATIONS Cost, $.....
PALO ALTO, Santa Clara Co. 520 Ramona Street.
Interior alterations to a dress shop.
Owner—Name Withheld.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Contractor—R. Brandlein & Co., 2141 Bryant St., San Francisco.

To Ask Bids Shortly
ALTERATIONS Cost, $25,000
SAN JOSE, Santa Clara Co., Calif. NE Cor. First and San Carlos Sts.
Remodel ground floor of three-story building (new terrazzo floors, 4 new entrances), new kitchen, and restroom on second floor, etc.
Owner—H. Ray Fry, Wilcox Bldg., San Jose.
Architect—Milton A. Anderson and Alvan E. Norstrom, 608 Transamerica Bldg., Los Angeles.
A call for bids probably will be issued within one week.

Sub Contracts Awarded
STORE BUILDING Cost, $.....
OAKLAND, Alameda Co., Calif. Oppenheimer Store Bldg., Foothill Blvd. and 73rd Ave.
New one-story steel and frame store building (77x70 ft.).
Owner — Arthur C. Oppenheimer, Alameda.
Architect—Kent & Hass, Underwood Bldg., San Francisco.
Contractor—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.
Plumbing—H. F. Lass & Son, 5300 Cole St.
Electric Wiring — Fruitvale Electric Co., 3257 E. 14th St.
Tile Work—Superior Tile Co., 3743 Broadway.
Glass—W. P. Fuller & Co., 259 10th St.
Structural Iron — Independent Iron Works, 821 Pine St.
Lumber—Bay City Lumber Co., 48th Ave. and E. 12th St.
(All of Oakland.)

Sub Contracts Awarded
OFFICE BLDG. Cost, $5,000
SAN CARLOS, San Mateo Co., Calif. El Camino Real.
One-story reinf. concrete office bldg. (40x70 ft.), steel sash, wood floors.
Owner—Name Withheld.
Plans by George G. Kirchner, San Carlos.
Contractor—Adam Arras, 4008 18th St., San Francisco.
Sheet Metal—George Wieland, 666 Mission St., San Francisco.
Painting—R. K. Huppert, 727 Ashbury St., San Francisco.

Additional Sub-Contracts Awarded
STORE BLDG. Cost, $.....
OAKLAND, Alameda Co., Calif. Oppenheimer Store Bldg., Foothill Blvd. and 73rd Ave.
New one-story steel and frame store building (77x70-ft.)
Owner—Arthur C. Oppenheimer, Alameda.
Architect—Kent & Hass, Underwood Bldg., San Francisco.
Contractor—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.
Excavation — Alexander Bros., 9233 Thermal Ave., Oakland.
As previously reported, plumbing awarded to H. F. Lass & Son, 5300 Cole St., Oakland; electric wiring to Fruitvale Electric Co., 3257 E. 14th St., Oakland; tile work to Superior Tile Co., 3743 Broadway, Oakland; glass to W. P. Fuller & Co., 259 19th St., Oakland; structural iron to Independent Iron Works, 821 Pine St., Oakland; lumber to Bay City Lumber Co., 48th Ave. and E 12th St. Oakland.

17— THEATRES

Planned
THEATRE Cost, $50,000
CHICO, Butte Co., Calif. Third and Broadway.
Two-story modern theatre building to seat 1,000 persons.
Owner—Stephen Meline, Durham Rd., Chico.
Architect—Not Given.

Sub Contracts Awarded
ALTERATIONS Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. K Street, bet. Fifth and Sixth Sts.
Alterations to Capital Theatre (work involves decorating, new wiring, plastering, hot air heating system, air conditioning system, etc.).
Owner—T. & D Theatres and Fox West Coast Theatres, 25 Taylor St., San Francisco.
Plans by the Engineering Dept. of Owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor — Salih Bros., 25 Taylor St., San Francisco.
Plumbing—F. A. McTyre, 2922 35th St., Sacramento.
Sheet Metal—Joseph H. Mendenhall, 100 N. 16th St., Sacramento.
As previously reported:
Reinf. Steel — Soule Steel Co., 1750 Army St., San Francisco.

Sub-Contracts Awarded
THEATRE Cont. Price, $48,573
NAPA, Napa Co., Cal. Franklin and Third Streets.
One-story Class C steel frame Uptown Theatre building (to seat 1,300).
Owner — Realty Finance Corporation, 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 64 Pine St., San Francisco.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.
Reinforcing Steel — Dick Richards, 3422 Piedmont Ave., Oakland.
Stone—Western Artificial Stone W'ks 666 Brannan St., San Francisco.
Stone and Cast Iron—Western Artificial Stone Works, S. F.
Ornamental and Miscellaneous Iron—Ace Iron Works, 159 South Park, and Modern Iron W'ks, 2247 Folsom St., San Francisco.
Steel Sash—Detroit Steel Prod. Co., 111 Suter St., San Francisco.
Plastering—P. H. Donelly Co., 354 Hobart St., Oakland.
Glass — Habenicht and Howlett, 529 Clay St., San Francisco.
As previously reported, excavations awarded to R. B. Mollison, 621 Porter St., Vallejo.

Additional Sub Contracts Awarded
THEATRE Cont. Pr., $36,695
MANTECA, San Joaquin Co., Calif. Yosemite Avenue.
Reinforced concrete theatre (55x120 ft.), air conditioning system.
Owner—William Peters, Manteca.
Architect—Mark Jorgensen and Otto Deichman, 321 Bush Street, San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Mill—Brannan Street Planing Mill Co., 560 Brannan St., San Francisco.
Plumbing—Lyons Plumbing Co., 1006 N. Wilson St., Stockton.

Complete sub bids published Dec. 11, 1936.

FIRE LOSS

MERCED, Cal.—Fire recently destroyed the Strand Theater here, owned by the Golden State Theater & Realty Co. of San Francisco, with loss estimated at $100,000. Housed in the same building, Burke's Restaurant was destroyed with a loss of $10,000.

18— WHARVES & DOCKS

PLANNED

EUREKA, Humboldt Co., Calif.—The Signal Oil & Gas Co. plans to construct an addition to the existing timber wharf at the foot of A Street, Eureka. When completed, the entire wharf will be 60 ft. long and 10 ft. wide.

Plans of the proposed work may be seen at Room 120, Custom House, San Francisco, until December 28, 11 a. m.

19—MISC. CONSTRUCTION

Lumber Sub Contract Awarded

ALTERATIONS Cont. Pr., $19,170

SAN FRANCISCO. Sixth Ave. and Geary Street.

Alterations to undertaking establishment.

Owner—Ashley & McMullen, Inc., 399 Sixth Avenue.

Architect—Johnson & Wethered, Sir Francis Drake Hotel.

Contractor—Peter Sartorio, 666 Mission Street.

Lumber—Greater City Lumber Co., 3123 Mission St.

As previously reported: Electric, G. H. Armstrong, 1588 Van Ness Ave. South, San Francisco; Grading, Devincenzi Bros. & Co., 150 Collins St., San Francisco.

AUCTION

SAN FRANCISCO.—Jos. J. Phillips Director of Property, will sell at public auction the following city property:

(1) 1694 19th Ave.; sale at 9:30 A.M., December 18.

(2) 730 Vicente St.; sale at 9:45 A.M. December 18.

Auction will be held on the premises.

Information obtainable from above office.

PLANNED

NEWMAN, Stanislaus Co., Calif.—Mayor L. J. Newman has been authorized by Newman City Council to proceed with plans for a swimming pool, with adequate heating equipment and dressing rooms to be constructed at Newman.

Contract Awarded

SWIMMING POOL Cont. Pr., $84,598

RENO, Nevada.

Swimming pool (50x150 ft.) and wading pool for children (50x50 ft.), bathhouse and equipment; Idlewild Park.

Owner—City of Reno (J. B. Reese, City Clerk).

Engineer—C. L. Hill, Reno (city engineer).

Contractor—J. C. Dillard, 805 S. Virginia St., Reno.

A grant of $31,000 was recently approved by the PWA.

Complete bids published December 8.

BIDS WANTED

SAN FRANCISCO.—Until January 6, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under S. F. Water Department Spec. No. 132, for acoustical treatment in the San Francisco Water Dept. Bldg., at 425 Mason St.

Specifications obtainable from the office of Chief Engineer N. A. Eckart, Room 605, San Francisco Water Dept. Building, upon deposit of $5.00.

BIDS OPENED

SAN FRANCISCO.—D. C. McCabe, 74 New Montgomery St., at $205, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 5258, for removing 34 obsolete lighting standards from various locations and hauling them to the Corporation Yard at 1950 Harrison St.

Complete bids follow:

D. C. McCabe, S. F.	$205.00
Underground Constr. Co., Berkeley	297.50
H. C. Reid & Co., S. F.	884.00
Globe Electric Co., S. F.	925.00

BIDS OPENED

SAN FRANCISCO.—McNelly Lacquer Co., San Francisco, at $294, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5257, for treating linoleum covered floors in Assessor's office. Work consists of scrubbing floors with cleaner and wax remover, filling holes and applying two coats of lacquer.

Only other bid submitted by Lacquer Floor Service, San Francisco, at $295.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Herrick Iron Works, 18th and Campbell Sts., Oakland, at prices shown below, awarded contract by the Oakland City Council for furnishing reinforcing steel for Leon Creek Culvert on Cemetery Ave.

(1) 475 lbs. ½-in. round bar, bent—$3.142;

(2) 17,762 lbs. do., straight—$2.832;

(3) 45,777 lbs. ½-in. square bar, bent—$3.142;

(4) 1,734 lbs. ¾-in. round bar, bent—$2.936;

(5) 108 lbs. ¾-in. round bar, straight—$2.626.

Complete bids published December 16th.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the U. S. Engineer Office, Custom House, Lieut.-Col. J. A. Dorst, District Engineer, under Bid No. 868-37-106, for constructing a hinged dragpipe extension for the dredge, "A. Mackenzie."

Bethlehem Steel Corp., S. F.	$2,875*
General Engrg. & Dry Dock Co., S. F.	2,861*
Pacific Coast Engrg. Co., Oakland	3,100
Moore Dry Dock Co., Oakland	4,695*

*Bidder's plant closed, due to strike conditions.

CONTRACT AWARDED

SACRAMENTO COUNTY, Calif.—Westinghouse Electric & Mfg. Co., at $105.25 awarded contract by the U. S. Indian Irrigation Service, Los Angeles, for furnishing cabinet containing apparatus for starting and control of 220-volt, 60-cycle, 3-phase, 5-h.p. induction motor; f.o.b. Sacramento, for Wilton Rancheria. Invitation No. 0355.

CONTRACTS AWARDED

SAN JOSE, Santa Clara Co., Calif.—Bids for furnishing paving materials for the balance of the fiscal year ending November 30, 1937, were opened by the San Jose City Council and contracts awarded as follows:

Calrock Asphalt Co., 525 Market St., San Francisco: For natural rock asphalt; minimum of 50 tons in 15-ton minimum cars, $5 per ton; minimum of 50 tons in 40-ton minimum cars, $4.70 per ton; minimum of 400 tons in 15-ton minimum cars, $4; minimum of 400 tons in 40-ton minimum cars, $3.70.

A. J. Raisch, 358 Lincoln Ave., San Jose: (1) Type A asphaltic concrete surface mix in minimum quantities of 25 tons in any one day, from cold plant, $4.50 per ton; (1a) Same, from hot plant, but no minimum, $4 per day; (2) Type B do. from cold plant, $4.75 per ton; (2a) Same, from hot plant, $4.25 per ton; (3) Type C do., from cold plant, $10 per ton; (3a) Same, from hot plant, $7.20 per ton; (4) hot liquid asphalt, "D" grade, $0.125 per ton; (5) mineral dust filler in 100-lb. sacks, $0.50 each; (6) plant-mix surfacing in minimum quantities of 50 tons, Type SC, $3 per ton; Type MC, $3.25 per ton; (7) plant-mix surfacing in minimum quantities of 400 tons, Type SC, $3 per ton; Type MC, $3.25 per ton.

CONTRACT AWARDED

SANTA CLARA, Calif.—Gladding Bros. Mfg. Co., 3rd and Keyes Sts., at $657.32, submitted only bid and was awarded contract by the City of Santa Clara, for the purchase of terra cotta roofing tile by the City of Santa Clara.

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Mueller Co., 1072 Howard St., San Francisco, at $8,051.25, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, under Proposal No. 821, for furnishing 55,500 l.f. of copper water service pipe.

BIDS OPENED

SACRAMENTO, Calif.—Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-118, for furnishing and delivering river bank run gravel along the westerly bank of the Sacramento River, as follows:

(1) 900 c.y., Campbell's Bend, about 1 mile downstream from Colusa;

(2) 400 c.y., Wilson's, about 0.9 mile above Tisdale Weir.

Pacific Coast Aggregates, Inc., San Francisco—(1) $1.95 per ton; (2) $2.30 per ton; discount, 10%, 10th prox.

Paul Entremont, Colusa—(1) $1.00 per c.y.; (2) $2.25 per c.y.; no discount.

BIDS OPENED

SACRAMENTO, Cal.—The following bids received by the Sacramento City Council, H. G. Denton, City Clerk, for furnishing electrical motors and starters for repairs and replacements in paving plant for the Street Maintenance Division:

Reliance Electric Engr. Co.: (1) $719.84; (2) $374.88; (3) $174.24; (4) $92.40; delivery in 35 days.

Allis-Chalmers Co.: (1) $799.92; (2) $450.56; (3) $180.48; (4) $79.20; delivery in 30 days.

Reliable Electric Co.: (1) $733.92, delivery in two weeks; (2) $381.04, delivery in 2 weeks; (3) $168.08, delivery in 1 day; (4) $56.08, delivery in 1 week.

Westinghouse Elec. Co.: (1) $755.94; (2) $403.38; (3) $173.12; (4) $104.80; delivery in 30 days.

Luppen & Hawley: (1) $733.92, delivery in 2 weeks; (2) $381.04, delivery in 2 weeks; (3) $168.08, delivery in 1 day; (4) $81.04, delivery in 2 weeks.

W. E. Camp: (1) $754; (2) $402.50; (3) $172.50; (4) $104; delivery in 30 days.

Bids held under advisement.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

BONNEVILLE, Oregon.—Until Jan. 19, 3 p.m., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, Lieut.-Col. C. F. Williams, District Engineer, under Bid No. 694-37-208, for furnishing metal-enclosed control equipment for the operation of the swing bridge and navigation lock at the Bonneville Dam. The equipment shall be totally steel-enclosed, free-standing and of the dead-front safety type, and consists of four sections of control desk and 14 cubicles of enclosed switchboard.

Alternate bids will be taken as follows:

Alt. "A": F.o.b. railroad cars at bidder's shipping point, for shipment at Government expense, to Bonneville, under Government bills of lading;

Alt. "B": F.o.b. railroad cars at Bonneville, Oregon, all transportation cost to be borne by the contractor.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Feb. 10, 2 P. M. (date postponed from Dec. 18) bids will be received by Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-192, for furnishing 736 cloth window shades, delivery baskets and chamois skins.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until December 28, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-112, for 4,673 ft.b.m., Oregon Pine lumber.

Delivery f.o.b. Fort Funston.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until December 28, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-110, for furnishing 4,000 c.y. of ready-mixed concrete for use in the construction of Seacoast Defenses at Fort Funston.

Specifications obtainable from the above office.

SACRAMENTO.—Until December 28, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-143, for furnishing two dredge spuds.

Delivery f.o.b. cars bidder's shipping point and/or in water ready for towing at Sacramento, San Francisco, or other readily accessible points and/or in water at U. S. Engineer Wharf, Rio Vista.

Specifications obtainable from the above office.

SACRAMENTO.—Until December 28, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-142, for the rental of a tow boat as follows:

(1) Operated by the contractor on an 8-hour shift basis, 90 shifts;

(2) Operated by the contractor on an hourly basis, 40 hours.

Delivery f.o.b. Sacramento.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Dec. 28 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-144, for the rental of air compressors as follows:

(1) Furnishing and operating one portable air compressor, for use at the Narrow Dam site; 800 hrs.

(2) Furnishing and operating one portableair compressor, for use at the North Fork Dam site; 400 hours.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Dec. 29, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-203, for furnishing lavatories, water closets, soil pipe, welded steel pipe, iron, asphalt and emulsion, asphalt-saturated felt, asphalt -prepared roofing, portland cement, wall board, 70,167 FBM Douglas fir lumber, paint materials, hardware, etc.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Dec. 30, 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-205, for furnishing three transformers, 50-kva. capacity, distribution, 60 cycles, single phase, alternating current, for operation on 2300/400 primary to 115/230 secondary voltage.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until December 29, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-109, for the lease of one diesel or gasoline engine powered boat, with full crew, for use in transporting passengers between Pier 3½, San Francisco, and Government pipeline dredges on Yerba Buena Shoals Project. The boat shall have a capacity of 125 passengers.

The lease will be executed for a period of three months, with an extension privilege for one month.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until December 30, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-145, for furnishing 1000 ft. standard hoisting rope of plow steel, and 500 ft. one-quarter inch launch steering cable; f.o.b. Sacramento.

Further information and proposal forms obtainable from the above office.

FORT MASON, Calif.—Bids will be taken by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing misc. supplies and materials, as follows:

December 31, 10 A. M.

BID NO. 928-37-206—2000 lbs. cotton wiping cloths; f.o.b. Fort Mason and/or bidder's shipping point.

BID NO. 928-37-208—400 ft. cable, lighting and power, shore use, single conductor; f.o.b. Philippine Dept., Manila, P. I.

Further information and proposal forms obtainable from above office.

FORT MASON.—Until January 4, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-195, for furnishing flue and vent pipe, fittings, roofing, paint, sheet steel, portland cement, crushed rock, river sand, ponderosa pine lumber, Douglas fir lumber and Redwood lumber, etc.

Specifications obtainable from the above office.

NOTE: The date of opening bids has been extended from December 21.

SAN FRANCISCO.—Until January 5, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-119, for furnishing manila and wire rope, pipe, valves and fittings, etc.

Delivery f.o.b. Pier 3½, San Francisco waterfront.

Specifications obtainable from the above office.

FORT MASON.—Until December 29, 10 a.m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-53, for furnishing miscellaneous supplies, including varnish, shellac, putty, turpentine, white lead, flat tools, flat brushes, wall brushes, step ladders, combination trestles, cotton duck, etc.

Delivery f.o.b. Bldg. No. 59, Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from the above office.

SACRAMENTO.—Until January 4, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-148, for furnishing and delivering 1,000 c.y. of river bank run gravel at road crossings on levee along east bank of Feather River, Reclamation Dist. No. 784, between Stations 0 plus 00, which is about 1.5 mi. south of Shanghai Bend, and 211 plus 65.05.

Specifications obtainable from the above office.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

December 28, 10 A. M.

BID NO. 3065—3,000 tons asphaltic concrete; f.o.b. area bounded by Masonic Ave., 18th St., Embarcadero, and Golden Gate Ave., San Francisco.

BID NO. 3067—500 c.y. red rock; f.o.b. Park Meadows, 34th and Lincoln Way, San Francisco.

BID NO. 3066—4,600 ft.b.m. Douglas fir lumber and 2,625 ft.b.m. maple; f.o.b. County Corp. Yard, Stockton.

BID NO. 3068—500 c.y. rock; f.o.b. Bay Farm Island, Oakland.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

December 28, 10 A. M.

BID NO. 3075—1800 sacks portland cement, 300 c.y. crushed rock or gravel, and 175 c.y. sand; f.o.b. Geneva and Moscow Ave., San Francisco.

BID NO. 3085—Deformed reinforcing steel bars; f.o.b. Aquatic Park, Larkin and Beach Streets, San Francisco.

BID NO. 3071—Cast-iron water pipe, gate valves, etc.; f.o.b. 227 F St., Eureka.

BID NO. 3072—Common and double-headed nails, and black annealed tie wire; f.o.b. Aquatic Park, Larkin and Beach Sts., San Francisco.

BID NO. 3083—28 tie rods; f.o.b. Lyon St. Approach, Halleck and Marina Blvd., San Francisco.

BID NO. 3074—265 c.y. pit run gravel; f.o.b. Baden.

December 29, 10 A. M.

BID NO. 3076—600 sacks portland cement; f.o.b. Woodbridge Irrigation Dist., Woodbridge.

BID NO. 3077—800 sacks portland cement; f.o.b. Barba and Brazel Barn, 5.5 mi. SE of Tracy.

Specifications obtainable from the above office.

SAN FRANCISCO, Cal.—Bids will be taken by the U. S. Treasury Dept., Procurement Officer. Room 514, 49 4th St., San Francisco, for the rental of equipment for use on various WPA projects, as follows:

December 29, 10 A. M.

BID NO. 3061—Concrete hoisting equipment, including 20-hp. single-drum gas hoist with 4-cylinder water-cooled engine capable of lifting 2750 pounds; hoist tower bucket, etc.; f.o.b. Park Meadows, 34th and Lincoln Sts., San Francisco.

BID NO. 3062—Four concrete carts, 6 cu. ft. capacity with pneumatic tired wheels with Timken bearings; f.o.b. Park Meadows, 34th and Lincoln Sts., San Francisco.

December 30, 10 A. M.

BID NO 3064—One 60-80-hp. tractor with bulldozer, crawler type; f.o.b. Ressighini Road, near Klamath, Del Norte County.

Information and proposal forms ob-

SAN FRANCISCO.—Until December 29, 10 a.m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3080, for furnishing Columbia marble partitions, stiles, lobby wainscot bases, and panels, for use on WPA projects.

Delivery f.o.b. Old Post Office Bldg., Market and San Fernando Sts., San Jose.

Specifications obtainable from the above office.

CALIFORNIA STATE

SAN LUIS OBISPO, Calif.—Until December 30, 3 P. M., bids will be received by R. P. Hamlin, Superintendent of Equipment, Division of Highways, Shop 5, San Luis Obispo, for the sale of the following equipment:

CHC 16-A: Switch; Cutler-Hammer, cross-over;

CHC 4906: Automobile, Chevrolet, 2-door Sedan—1934;

CHC 71: Mower; McCormick-Deering Big 6, 2-wheel, horse drawn;

CHC 543: Tractor, Cletrac 30-40, with canopy top;

1 only Vulcanizer, Reliance Electric Tube No. 5-2041.

The above equipment may be inspected at Shop 5 in San Luis Obispo on any working day between hours of 9 A. M. and 5 P. M., unless otherwise noted.

NORTH HOLLYWOOD, Cal.—Until Dec. 30, 3 P. M., bids will be received by W. B. Cannon, Superintendent of Equipment, Shop 7, Division of Highways, P. O. Box 230, North Hollywood, for the sale of the following equipment:

CHC 3068 Truck; International, with 3½-yd. power dump body, 1929;

CHC 442 Grader: Galion 8-ft. blade and scarifier; leaning wheel, solid rubber tires;

CHC 216 Grader-Tractor Unit; Rome 10-ft. blade; single-drive; pneumatic tires; McCormick-Deering power plant; front scarifier.

The above equipment may be inspected at the Division of Highways' yards at 5405 Vineland Ave., North Hollywood, on any working day between the hours of 7:30 A. M. and 4:00 P. M. All sales must be approved by the Department of Finance, which usually takes one to two weeks.

REDDING, Cal.—Until Dec. 30, 3 P. M., bids will be received by G. E. Siebert, Superintendent of Equipment, Shop 2, Division of Highways, Redding, for the sale of the following equipment:

CHC 56 Compressor: Gardner-Denver, 118 c.f. air, 4-wheels, steel running gear;

CHC 391 Grader: Galion, leaning-wheel, 8-ft. blade, solid rubber tires;

CHC 394 Grader: Galion, leaning-wheel, 8-ft. blade, solid rubber tires;

CHC 397 Grader: Galion, leaning-wheel, 8-ft. blade, solid rubber tires;

CHC 204 Grader-Tractor; Galion-McCormick - Deering, dual - drive, dual pneumatic tires, with front scarifier;

CHC 210 Grader-Tractor, Galion-McCormick - Deering, dual - drive, pneumatic-tired;

CHC 10 Hoist, P & H, double drum, Model J-35, with 25-h.p. Waukesha engine, all on skids;

CHC 52 Shovel: Universal, Model B, Crawler type, ¼-yd. bucket—McCormick-Deering power plant;

CHC 460 Tractor: Caterpillar 30, with canopy top;

CHC 486 Tractor: Caterpillar 30, with canopy top;

CHC 41 Plow for Snow, Rotary Snow King, Model 747-CB, for use with truck;

CHC 81 Plow for Snow, Rotary Snow King, Model 830, with revolving chutes, for use with trucks.

The above equipment may be inspected at the Division of Highways' yards at Redding from 7:30 A. M. to 4:30 P. M. on any working day.

SACRAMENTO, Calif.—Until Dec. 30, 12 M., bids will be received by the State Purchasing Agent, Room 319, Capitol Bldg., Sacramento, for furnishing gasoline, distillate, kerosene, lubricating oils, greases, etc., for use by the Division of Highways, Department of Natural Resources, and other State Departments, including State Institutions, during the calendar year of 1937.

Specifications obtainable from the above office.

RECLAMATION BUREAU

COLORADO RIVER PROJ., Texas.—Until February 1, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 710, for furnishing and delivering fob cars at the shipping point and/or Rutledge, Texas, 24 gate assemblies, each assembly to consist of one 102-inch paradox gate and one set of conduit lining sections, for installation in the outlet works of the Marshall Ford Dam, Colorado River Project, Texas. The gates and conduit linings will be nstalled by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $2.50, not returnable.

NEW MEXICO and Arizona.—Until January 18, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 714, for furnishing and delivering fob cars at the shipping point and/or destination, two 54-inch diameter interior-differential needle valves for installation in the outlet works at the Alamogordo Dam, Carlsbad Proj., New Mexico; and two 66-in. diameter interior-differential needle valves for installation in the outlet works at the Bartlett Dam, Salt River Project, Arizona.

The valves will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $3.50, not returnable.

CANAL ZONE

PANAMA CANAL ZONE. — Until December 30, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3210, for furnishing 60,000 bbls. bunker "C" fuel oil, f.o.b. Cristobal, C. Z.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE. — Until January 6, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Agent, The Panama Canal, Washington, D. C., under Schedule No. 3209, for furnishing miscellaneous supplies and equipment, including: Steel, Steel Floor Plates, Billets (Carbon Steel and Nickel Steel), Steel Pipe, Lead Pipe, Screws, Nuts, Coil Chain, Chain Links, Copper Tacks, Insulated Cable, Rubber-sheathed Flexible Cords, Magnet Wire, Telephone Cable Terminals, Electric Motors, Electric Water Heaters, Warrhour Meters, Voltmeters, Cartridge-type Fuses, Motor-vehicle Horns, Water Coolers, Water Buckets, Hand Sprayers, Liquid Door Closers, Door Locks, Barrel Bolts, Door Hooks, Sash Pulleys, Butt Hinges, Hasps-and-Staples, Truck Casters, Roof Tarring Brushes, Etc.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

U. S. FOREST SERVICE

GOVERNMENT ISLAND. — Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

January 5, 2 P. M.

BID NO. 4173—1,000 ft. ⅝-in. and 1,500 ft. ½-in. hoisting rope, improved plow steel grade; f.o.b. bidder's shipping point and/or Bakersfield.

January 6, 2 P. M.

BID NO. 4169—800 falling wedges; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

BAKER CO., Oregon.—W. C. White, Vale, Oregon, at $12,087, submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for construction of approximately 0.18 mi. roadway grading and surfacing and the construction of a bridge approximately 192 feet long over the Powder River, on the Miles Bridge Section of the Medical Springs Secondary Highway in Baker County.

The work involves 200 c.y. structural excavation; 110 c.y. concrete; 14,000 lbs. metal reinforcement; 34 MFBM treated lumber; erection of a 70-ft. steel pony truss; 3,000 cu. yds. gravel embankment, and salvaging 250 c.y. surfacing materials.

BIDS OPENED

KERN CO., Calif.—Following bids received by F. F. Moran, Assistant Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 957, for furnishing structural Douglas fir lumber for the Kern River Bridge, f.o.b. bidder's shipping point and/or Bakersfield.

Loop Lumber Co.—$4,038.52, f.o.b. Bakersfield; discount, 2% 30 days; weight, 327,000 lbs.

James L. Hall—$2,791.82, f.o.b. Portland or Eugene, Oregon; discount, 2% 30 days; weight, 277,500 lbs.

E. K. Wood Lumber Co.—$2,639, f.o.b. Cottage Grove, Oregon; discount, 2% 30 days.

CONTRACT AWARDED

COCONINO CO., Arizona.—Phoenix-Tempe Stone Co., P.O. Box 1645, Phoenix, at $84,000.12, awarded contract by the Arizona State Highway Commission, Phoenix, for construction of a bridge on the Winslow-Flagstaff Highway, F.A. 81, 2nd reop. (1937), A.F.E. 6671. The work, which is located about 24 miles east of Flagstaff, consists of the construction of a new steel arch bridge over Padre Canyon and new road mix oil surfaced approaches forming a line change about 1 mile in length, and is to be completed on or before May 31, 1937. The bids were opened December 4th.

CONTRACT AWARDED

TILLAMOOK CO., Oregon.—E. F. and W. F. Philpot, Portland, at $83,-205, submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for construction of a 602-ft. steel viaduct bridge over Necarney Creek on the Oregon Coast Highway approximately 5 miles northwesterly from Nehalem, in Tillamook County.

The work requires approximately 1050 c.y. excavation; 950 c.y. concrete; 111,000 lbs. metal reinforcement; 780,-000 lbs. structural steel, and 1260 l.f. concrete handrail.

BIDS WANTED

SUTTER CO., Calif.—Until January 2, 10 a.m., bids will be received by the Sutter County Board of Supervisors, Albert C. Brown, County Clerk, Court House, Yuba City, for the reconstruction and repair of the Nicolaus Bridge across Feather River, a six-span structure 750 ft. long. Estimated cost, $150,000.

Work will include the replacing of three timber combination spans with three steel through trusses; replacement of two steel deck spans with steel pony trusses; painting, repairing, and reflooring the existing 250-ft. swing span, and applying riprap to prevent scour.

The PWA has recently approved a grant of $73,850 to aid in financing the project.

Plans and specifications obtainable from Ed von Geldern, Second and C Sts., Yuba City, civil engineer. Plans may be secured by contractors upon deposit of $10; a charge of $10 will be made to anyone else.

C. W. Lanzendorf, County Engineer.

Complete list of bid items will be published shortly.

BIDS WANTED

TUOLUMNE CO., Calif.—Until December 30, 2 p.m., as previously reported, bids will be received by the Tuolumne County Board of Supervisors, C. A. Dambacher, Clerk, Court House, Sonora, for the construction of a concrete "T" beam bridge (40-ft. clear span) over Rock River on the Rock River Road, District No. 5, about 2 miles south of Keystone.

The work will involve:

(1) 12,778 lbs. reinforcing steel;
(2) 1,173 lbs. structural steel;
(3) 100 ft. 2-in. galvanized pipe railing;
(4) 64.5 c.y. concrete (3-2-1) mix;
(5) 43.7 c.y. concrete (4-2-1) mix;
(6) 68.2 c.y. concrete (5-2½-1) mix.

Plans and specifications prepared by R. D. Strauch, County Surveyor, and obtainable from the office of the

BIDS WANTED

TUOLUMNE CO., Calif.—Until December 30, 2 p.m., as previously reported, lump sum bids will be received by the Tuolumne County Bd. of Supervisors, C. A. Dambacher, Clerk, Court House, Sonora, for the construction of a concrete "I"-beam bridge over Blanket Creek on the Sharrock-Wards Ferry Road, Road District No. 3.

The work will involve:

(1) Six 18-in., 55-lb., 30-ft. steel "I" beams (9900 lbs.);
(2) 750 sq. ft. expanded steel;
(3) 4 steel bars, 1½ in. square, 30 ft. long, 918 lbs.;
(4) 45 c.y. concrete (5-2½-1) mix;
(5) 19.5 c.y. concrete (4-2-1) mix;
(6) 60 ft. 2-in. galvanized pipe railing;
(7) 15 c.y. excavation.

Plans and specifications prepared by County Surveyor R. D. Strauch.

Plans and specifications obtainable from the Clerk's office.

BIDS WANTED

TUOLUMNE CO., Calif.—Until December 30, 2 p.m., as previously reported, lump sum bids will be received by the Tuolumne County Bd. of Supervisors, C. A. Dambacher, Clerk, Court House, Sonora, for the construction of a corrugated arch bridge over Wood's Creek on Saw Mill Flat to Yankee Hill Road, District No. 2.

The work will involve:

(1) 131.1x28.1-in., 1-gauge corrugated multi-plate arch;
(2) 30 c.y. concrete (4-2-1) mix;
(3) 14 c.y. excavation.

Plans and specifications obtainable from the above office.

R. D. Strauch, County Surveyor.

BIDS WANTED

SUTTER CO., Cal.—Until Jan. 2, 10 a.m., bids will be received by Sutter County Board of Supervisors, Albert C. Brown, County Clerk, Court House, Yuba City, for the reconstruction and repair of the Nicolaus Bridge across Feather River, a six-span structure 750 ft. long. Estimated cost, $150,000.

Work will include the replacing of three timber combination spans with three steel through trusses; replacement of two steel deck spans with steel pony trusses; painting, repairing, and reflooring the existing 250-ft. swing span, and applying riprap to prevent scour.

Work will also include construction of one 200-ft. steel span, two 169-ft. steel spans, and two 80-ft. steel spans, with reinforced concrete floors and curbs, and reflooring the existing 200-ft. combination swing span with Redwood plank and mineral asphalt plank wearing surface.

The work involves:

(1) 1,020,000 lbs. structural steel, in place;
(2) 101,150 lbs. bar reinforcing steel;
(3) 507 c.y. Class A portland cement concrete;
(4) 29 c.y. Class A portland cement concrete, addition to pier 4, including excavation, all in place;
(5) 30,000 ft.b.m. Redwood timber, in place;
(6) 5,300 sq. ft. 1-in. mineral surfaced asphalt plank, in place;
(7) 480 l.f. Douglas fir piling, in place.

The PWA has recently approved a grant of $73,850 to aid in financing the project.

Plans and specifications obtainable from Ed von Geldern, Second and C Sts., Yuba City, civil engineer. Plans may be secured by contractors upon deposit of $10; a charge of $10 will be made to anyone else.

C. W. Lanzendorf, County Engineer.

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—Wickes Engineering & Construction Co., 1441 Second Ave., Des Moines, at $137,954.50 awarded contract by the Bureau of Public Roads, C. H. Sweetser, Dist. Engineer, San Francisco, for construction of a 675-foot concrete and steel bridge and ap-

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

proaches across the Colorado River at Parker, California-Arizona Federal Lands Highway Project No. 8, in Yuma County, Ariz., and San Bernradino County, Calif., a net length of 0.84 mile.

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—George Herz & Co., P.O. Box 191, San Bernardino, at $9,302.80, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of a steel and concrete pedestrian overhead crossing at Maple and 7th Sts., Colton, San Bernardino County.

22— DREDGING HARBOR WORKS, EXCAVATION

PERMIT ASKED—SAN DIEGO COUNTY

Application has been made by the Department of Natural Resources, State of California, for a modification of the plans accompanying War Department permit dated October 29, 1935, to dredge portions of Mission Bay, San Diego Harbor, California, as a shallow channel and boat harbor and deposit the dredged material along the westerly and easterly shores of the bay to form solid fill park areas.

Under the modification it is proposed to construct seven moles of sand and gravel with riprapped side and end slopes along the westerly shore of the bay, the structures to extend bayward from the line of mean high tide for distances varying from 15 to 75 feet.

Drawings showing the location and plan of the proposed work may be seen at the U. S. Engineer Office, Major Theo. Wyman, Jr., District Engineer, 751 Figueroa St., Los Angeles, until December 28, 11 a.m. Interested persons are invited to inspect these drawings and to submit in writing, in triplicate, on or before said date, any objections based on navigation interests that they may have to said work.

Objections based on other than navigation interests cannot be considered.

BIDS OPENED

EUGENE, Ore.—Coos Bay Dredging Co., Marshfield, Ore., at $9,754.34 submitted low bid to the Public Works Officer, Puget Sound Navy Yard, under Spec. No. 8346, for the construction of a retaining wall and groin at the Naval Radio Station. Eugene.

Complete bids follow:

Coos Bay Dreg. Co., Marshfield $9,754.34
R. J. Hillstrom, Marshfield 9,760.00
J. W. and J. R. Hillstrom. Marshfield 9,927.00
Mountain States Const. Co., Eugene 13,262.81

BIDS OPENED

SAN FRANCISCO, Calif.—Duncanson Harrelson Co., 1404 deYoung Bldg., San Francisco, at $3,178, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,989, for the construction of timber dolphins at the Third St. Bridge over Islais Creek Water Way.

The work involved construction of two dolphins, removal of one dolphin, and relocation of two navigation lights.

Complete bids follow:

Duncanson Harrelson Co. $3,178
M. B. McGowan, Inc. 3,394
Healy-Tibbitts Constr. Co. 3,579
All of San Francisco. • 22

23— CANALS

CONTRACT AWARDED

SACRAMENTO. — A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at $15,755 (Schedule B), awarded contract by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 37-77, for setting back, raising, and strengthening the existing levee and constructing new levee along the west bank of the Sacramento River at two different sites: from a point about 1.2 miles north of the Colusa-Yolo County line near Menzie's Ranch, upstream for a distance of about 3200 ft.; and from a point about 1.4 mi. north of Tisdale Weir near Schohr's Ranch, upstream for a distance of about 1300 ft., involving approximately 137,000 c.y. of embankment.

CONTRACT AWARDED

YUBA CO., Calif.—Morrison-Knudsen Co., P.O. Box 1518, Boise, at $148,073.85, awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Sacramento, under Bid No. 1105-37-100, for raising and strengthening the existing levee, constructing new levee, and excavating flood channels along the easterly side of the Western Pacific Railroad from the Bear River to Clark Slough and along the north levee of Bear River from Carlin Bridge to South Dry Creek in Yuba County, involving a total of 1,357,500 c.y. of embankment.

25—MACHINERY AND EQUIPMENT

PLANNED

TULARE, Tulare Co., Calif.—City plans to purchase two trucks and other equipment necessary to operate a municipal garbage collection and disposal system. Mayor Monte Williams estimates necessary expenditure to be $6,000.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Customhouse, under Bid No. 868-37-116, for the rental of two 75-hp. tractors for approximately 176 hours each, f.o.b. Fort Funston:

Industrial Equipment Co., Oakland—(1) $7.95; (2) no bid.

Bay Equipment Co., San Francisco—(1) $6.62; (2) $8.00.

Guerin Bros., San Francisco—(1) $7; (2) $6.

Chas. L. Harney, San Francisco—(1) $7; (2) $9.75.

CONTRACT AWARDED

LOS ANGELES, Cal.—Worthington Co., Inc., at $38,000 awarded contract by the Los Angeles Water & Power Commissioners for furnishing electric motor driven vertical screw and horizontal centrifugal pumping units. Spec. X-67.

BIDS OPENED

SACRAMENTO.—D. McDonald, 204 23rd St., Sacramento. at $5.50 per hour each, submitted low bid to Major Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, Old Post Office Terminal Bldg., Sacramento, for the rental of two grading units, each consisting of one tractor, 75-hp. caterpillar type, and one 12-yard scraper, carryall type, for use for grading purposes at the site of the new Army Corps Supply Depot near North Sacramento.

Complete bids follow:

D. McDonald, Sacramento $5.50
C. A. Baker, Sacramento 6.30
Hemstreet & Bell, Marysville 6.75
Harms Bros., Sacramento 6.84
Carl A. Baker, Willows 7.00
A. Teichert & Son, Inc., Sacramento 7.10
Young & Son, Berkeley 7.80
C. Mankel, Sacramento 9.50

BIDS OPENED

SAN FRANCISCO, Calif.—Eaton & Smith, 715 Ocean Ave., at $3.65 per hour, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3051, for the rental of one 8-ton tandem gas roller, for use on WPA projects, f.o.b. Fort Scott.

Complete bids follow:

Eaton & Smith, San Francisco $3.65
P. B. Hackley Equipment Co., San Francisco 3.83
Lee J. Immel, Berkeley 3.93
Contractors Machinery Exchange, Oakland 4.35
Chas. L. Harney, S. F. 4.75

BIDS OPENED

FORT MASON.—Following bids received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-51, for furnishing two new vacuum pumps, horizontal, wet vacuum type, etc., f.o.b. Letterman General Hospital, Presidio of San Francisco:

(1) Vacuum pumps;
(2) Drift pans and lubricator.

C. U. & J. O. Martin, 637 Minna St., San Francisco—(1) $756; (2) $30.80.

Simonds Machinery Co., San Francisco—(1) $838; (2) $170.

Western Pump Sales Co., San Francisco—(1) $860.20; (2) $85.15.

United Pipe & Supply Co., San Francisco—(1) $880; (2) $178.

Engineering Service & Supply Co., San Francisco—(1) $885; (2) $78.

Warren Steam Pump Co., San Francisco—(1) $921.50; (2) $83.65.

H. S. Tittle Co., San Francisco, (1) $938; (2) $72.

Union Steam Pump Co., San Francisco—(1) $938; (2) $72.

Worthington Co., San Francisco—(1) $1074; (2) $94. •

BIDS OPENED

SAN FRANCISCO.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3059, for the rental of one concrete mixer, No. 7 S Jaeger or equal, gas powered, for use on WPA projects, f.o.b. 9th and Ortega Sts. Tennis Courts, San Francisco:

D. C. McCabe, San Francisco—$75 per month; net.

Harron Rickard & McCone Co.—$77.25; net.

Adam Arras—$82.79; net.

Edward R. Bacon—$85; net.

Contractors' Machinery Exchange—$85; net.

M. B. McGowan, Inc.—$95; net.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3030, for the rental of one 1½-ton truck for use on WPA projects, f.o.b. Redding:

Bruno Skibo, Oakland—$6.94 per day; net.

W. S. Guill—$6.95; net.

Lerer Bros.—$7.94; discount, 2% 20 days.

Evans Auto & Truck Rental—$8.44; net.

Alexander Bros.—$8.94; net.

L. E. Eklund—$9.00; net.

Carol Skaggs—$14.80; discount, 10% 30 days. •

BIDS OPENED

SAN FRANCISCO.—Pacific Pumping Co., 329 Tehama St., at $2 per day, net, submitted the only bid received by the Procurement Office, Treasury Department, Room 514, 49

Fourth St., San Francisco, under Bid No. 3050, for the rental of one portable 2-inch centrifugal pump, gas engine driven, complete with 20 ft. of 2-in. suction hose and foot valve, etc., for use on WPA project, f.o.b. San Francisco Airport, San Mateo County.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3031, for the rental of one 1½-ton truck for use on WPA projects, f.o.b. Red Bluff:

Bruno Skibo, Oakland—$6.94; net.
W. S. Guill—$7.95; net.
Evans Auto & Truck Rental—$8.44; net.

L. E. Eklund—$9.00; net.
Emmett Huff—$9.00; net.
Carol Skaggs—$14.80; discount, 10%

26— RAILROADS

BIDS WANTED

SACRAMENTO.—Until January 19, 2 p.m., bids will be received by Maj. Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, Old Post Office Terminal Bldg., Sacramento, under Bid No. 6870-37-10, for the construction of standard gauge railroad trackage and turnouts at the new Army Air Corps Supply Depot, near North Sacramento.

The work involves:

(1) Lump sum, work complete, 10,493 ft. of standard gauge railroad track, including eight No. 9 turnouts;

(2a) Installing track, per foot.

Railroad ties and 80-lb. rail will be furnished by the Government.

Plans and specifications obtainable from the above office upon deposit of $10.00.

27—FIRE ALARM SYSTEM

BIDS OPENED

SAN MATEO, San Mateo Co., Cal.—Lynn & Heffernan, 114 Ashton Ave., San Francisco, at $2,240, submitted low bid to the San Mateo City Council, E. W. Foster, City Clerk, City Hall, for the construction of about four miles of overhead fire alarm system, 2500 ft. of underground system, and the installation of 12 fire alarm boxes to be furnished by the city.

Complete bids follow:

Lynn & Heffernan, S. F. $2,240
American Electric Co., S. F. 2,552
Underground Constr. Co., Berkeley 2,895
H. S. Tittle Co., S. F. 2,980
Spencer Electric Co., S. F. 3,607

The two low bids are being held under advisement.

E. P. Wilsey, City Engineer.

29— STREETS AND HIGHWAYS

LOW BIDDERS

COCONINO CO., Arizona.—J. A. Casson, Phoenix, at $68,678.50, submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, 247 New Post Office Bldg., Phoenix, for placing bituminous treated crushed rock surfacing on 8.639 miles of Route 8, Grand Canyon National Park, Coconino Co.

The low bids follow:

J. A. Casson, Phoenix $68,678.50
Lee Moor Contracting Co., El Paso 70,039.25
Southern California Roads Co., Los Angeles 71,225.50
Engineer's Estimate 58,192.50

Complete bids will be published shortly.

LOW BIDDER

LOS ANGELES, Cal.—Los Angeles Paving Co., 3700 S. Soto Street, Los Angeles, at $16,600.69 submitted low bid to the Los Angeles board of public works, City Hall, for grading, paving and otherwise improving Sepulveda Blvd. between Roscoe Blvd. and 1800 ft. southerly of Roscoe Blvd. A cash contract. 29

SACRAMENTO—RAILROAD TIES—(Govt.)

SACRAMENTO. — Following bids received by Maj. Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, Old Post Office Terminal Bldg., Sacramento, under Bid No. 6870-37-6, for furnishing coal tar creosote treated, 8-lb. absorption railroad ties, as follows:

(1) 4450 cross ties, 7x8 in. x 8 ft. long;
(2) 80 cross ties, 7x8 in. x 8 ft. 6 in. long, sawed four sides;
(3) 6 switch ties, sawed four sides, 7x8 in. x 9 ft. long;
(4) 42 do., 7x8 in. x 9 ft. 6 in. long;
(5) 34 do., 7x8 in. x 10 ft. long;
(6) 26 do., 7x8 in. x 10 ft. 6 in. long;
(7) 18 do., 7x8 in. x 11 ft. long;
(8) 25 do., 7x8 in. x 11 ft. 6 in. long;
(9) 18 do., 7x8 in. x 12 ft. long;
(10) 25 do., 7x8 in. x 12 ft. 6 in. long;
(11) 25 do., 7x8 in. x 13 ft. long;
(12) 34 do., 7x8 in. x 13 ft. 6 in. long;
(13) 25 do., 7x8 in. x 14 ft. long;
(14) 10 do., 8 in. thick x 12 in. wide on top x 15 ft. 6 in. long.

The bidders were:

(I) J. H. Baxter Co., San Francisco, total bid, $6,993.64; f.o.b. Seattle, Wash.
(II) Chas. R. McCormick Lumber Co., San Francisco: (a) f.o.b. St. Helens, Oregon; (b) f.o.b. Ben Ali.
(III) A. D. Schader, S. F.: (a) f.o.b. Ben Ali; (b) f.o.b. The Dalles, Oregon.
(IV) Dolan Bldg. Materials Co., Sacramento: (a) f.o.b. St. Helens; (b) f.o.b. Ben Ali.
(V) James L. Hall Co., S. F.: (a) f.o.b. The Dalles; (b) f.o.b. Ben Ali.
(VI) Sierra Mill & Lumber Co., Sacramento; total bids only: $7,890.03, f.o.b. Wauna, Ore.; $10,144.33, f.o.b. Ben Ali.

Unit bids follow:

	(I)	(IIa)	(IIb)	(IIIa)	(IIIb)	(IVa)	(IVb)	(Va)	(Vb)
(1)	$1.39	$1.52	$1.85	$2.11	$1.70	$1.52	$1.85	$41.75*	$53.00*
(2)	1.48	1.62	1.96	2.14	1.80	1.62	1.96	41.75	53.00
(3)	1.56	1.81	2.17	2.37	1.91	1.81	2.17	41.75	53.00
(4)	1.65	1.91	2.29	2.50	2.02	1.91	2.29	41.75	53.00
(5)	1.74	2.01	2.42	2.64	2.12	2.01	2.42	41.75	53.00
(6)	1.83	2.11	2.54	2.77	2.23	2.11	2.54	41.75	53.00
(7)	1.91	2.21	2.66	2.88	2.34	2.21	2.66	41.75	53.00
(8)	2.00	2.31	2.78	3.03	2.44	2.31	2.78	41.75	53.00
(9)	2.09	2.41	2.90	3.16	2.55	2.41	2.90	41.75	53.00
(10)	2.17	2.51	3.02	3.30	2.65	2.51	3.02	41.75	53.00
(11)	2.27	2.61	3.14	3.43	2.76	2.61	3.14	41.75	53.00
(12)	2.35	2.71	3.26	3.56	2.87	2.71	3.26	41.75	53.00
(13)	2.44	2.81	3.38	3.69	2.97	2.81	3.38	41.75	53.00
(14)	4.62	5.33	6.42	7.01	5.64	5.33	6.42	41.75	53.00

*Bid per MFBM. 20

PARLIER—SEWAGE SYSTEM—(City)

PARLIER, Fresno Co., Calif.—Harvey Conner, 1222 Whipple Ave., Redwood City, at $37,400 (concrete pipe), submitted low bid to the Parlier City Council, D. J. Herring, City Clerk, for the construction of a sewage disposal system, including an Imhoff tank and treatment works and sanitary sewer system with outfall line.

The City Council has recommended to the PWA that the contract be awarded Harvey Conner. A grant of $20,454 was recently allotted by the PWA.

The work will include installation of sanitary sewer collecting lines, pressure mains, sewage disposal plant, necessary pumping plant and equipment, manholes, water pipe line for fresh water to connect city water mains with the disposal works, removal of vines, preparing the sludge and scum-drying beds, preparing final effluent ponds, all electric wiring to operate equipment installed, construction of a chlorinator house, ferrous chloride generating unit, painting all outside woodwork with three coats of approved outside paint, installation of equipment in chlorine house and placing same in operation. Final requirement is placing plant in operation, which will require the importation and placing in new digesting tank of a starter from one of the present operating plants in the vicinity of Parlier.

Bids were taken as follows:

(1) 6-in. sewer pipe, per l.f.;
(2) 8-in. do.;
(3) 10-in. do.;
(4) 4-in. cast-iron pipe, per l.f.;
(5) 6-in. cast-iron pipe, per l.f.;
(6) 8-in. do.;
(7) Concrete, per c.y.;
(8) Manholes, each;
(9) Remove vines, per acre.

Total bids follow:

(a) Concrete pipe;
(b) Vitrified clay pipe.

(A) Harvey Conner, Redwood City ..... (a) $37,400.00
(B) Martin Murphy, Berkeley ..... (a) 37,490.00
(C) John Jurkovich, Fresno ..... (a) 40,130.00
..... (b) 40,245.00
(D) Robert B. McNair, Oakland ..... (a) 42,450.00
(E) Frederickson & Watson, Oakland ..... (b) 43,145.50
(F) W. J. Tobin, Oakland ..... (a) 43,700.00
..... (b) 44,000.00
(G) Hoagland Engr. & Constr. Co., Long Beach ..... (b) 48,600.00

Unit bids follow:

	(A)	(B)	(Ca)	(Cb)	(D)	(E)	(Fa)	(Fb)	(G)
(1)	$0.90	$0.60	$1.20	$1.21	$0.80	$0.92	$1.13	$1.15	$0.85
(2)	1.20	.70	1.30	1.30	1.25	1.50	1.44	1.47	1.00
(3)	2.00	1.00	1.50	1.50	2.35	1.75	1.91	1.95	1.15
(4)	1.00	.70	2.00	2.00	.85	1.10	.95	.95	.90
(5)	6.00	.90	3.10	3.10	2.50	4.00	5.00	5.00	1.30
(6)	8.00	1.30	3.20	3.20	3.00	5.00	5.50	5.50	1.60
(7)	35.00	20.00	30.00	30.00	25.00	30.00	22.00	22.00	25.00
(8)	70.00	60.00	100.00	100.00	70.00	100.00	100.00	100.00	70.00
(9)	10.00	30.00	50.00	50.00	50.00	35.00	50.00	50.00	50.00

Dan W. Chamberlin, 1213 Broadway, Fresno, engineer. 32

BIDS WANTED

HUMBOLDT CO., Calif.—Until January 13, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and surfacing with road-mix surfacing about 2.3 miles between Trinidad and McNeill's Ranch, Humboldt County.

The work involves:
(1) 18 acres clear and grubb;
(2) 515 M. gals. water;
(3) 98,500 c.y. roadway excav., without classification;
(4) 163,000 sta. yds. overhaul;
(5) 1,500 c.y. struct. excav.;
(6) 950 c.y. ditch and channel excavation;
(7) 20,500 tons imported borrow;
(8) 123 sta. finishing roadway;
(9) 6,200 tons mineral aggregate (road-mix surf.);
(10) 440 tons liq. asphalt, SC-4 (road-mix surf.);
(11) 90 tons liq. asphalt, SC-1A (prime coat);
(12) 45 tons liq. asphalt, 90-95 (seal coat);
(13) 530 tons screenings (seal coat);
(14) 47 c.y. Class A portland cement concrete (structures);
(15) 3,000 lbs. bar reinf. steel;
(16) 400 l.f. 8-in. CMP;
(17) 700 l.f. 18-in. CMP;
(18) 178 l.f. 48-in. CMP, 8-gauge;
(19) 198 l.f. 60-in. CMP, 8-gauge;
(20) 21 each, headwalls remove and dispose of;
(21) 1,000 l.f. 8-in. perf. metal pipe underdrains;
(22) 4 each, perf. metal junction pipes;
(23) 1,750 c.y. rock filling material;
(24) 3,900 c.y. quarry rock filling material;
(25) 793 l.f. exist. pipe culverts, remove, clean and salvage;
(26) 6 each, spillway assemblies;
(27) 30 each, culvert markers;
(28) 8 each, guide posts;
(29) 1.4 miles new property fence;
(30) 6 each, drive gates;
(31) 0.07 mile property fences, remove and reset;
(32) 50 each monuments, complete in place.

Plans and specifications may be obtained from State Highway Engineer, P.O. Box 1499, Sacramento.

BIDS WANTED

IMPERIAL CO., Calif.—Until January 14, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with gravel base and plant-mixed surfacing about 3.1 mi. and constructing two timber bridges, between Calexico and 3.1 miles easterly in Imperial County.

The work involves:
(1) Clear and grubb right-of-way;
(2) 1,375 M. gals. water;
(3) 30 c.v. remove concrete;
(4) 31,600 c.y. roadway excavation, without classification;
(5) 3,850 c.y. struct. excav.;
(6) 10,000 c.y. imported borrow;
(7) 105,500 sta. yds. overhaul;
(8) 163 sta. finishing roadway;
(9) 8,300 tons gravel base;
(10) 8,070 tons mineral aggregate (plant-mix surf.);
(11) 405 tons liquid asphalt, MC-5 or MC-extra heavy;
(12) 76 tons liq. asphalt, MC-2 (prime coat);
(13) 32,400 lbs. bar reinf. steel;
(14) 325 c.y. Class A portland cement concrete (structures);
(15) 25 M. ft.b.m. Redwood timber, dense, select, all-heart, struct. grade;
(16) 6 M. ft.b.m. Redwood timber, select, all-heart, struct. grade;
(17) 1,759 l.f. furnish treated Douglas fir piles, including test piles;
(18) 55 each, driving Douglas fir piles, including test piles;
(19) 204 l.f. 18-in. CMP;
(20) 448 l.f. 18-in. CMP siphons;
(21) 332 l.f. 24-in. CMP siphons;
(22) 152 l.f. 30-in. CMP siphons;
(23) 66 l.f. 36-in. CMP siphons;
(24) 84 l.f. 42-in. CMP siphons;
(25) 100 l.f. 60-in. CMP siphons;
(26) 45 each, concrete pipe joints;
(27) 75 l.f. remove pipe culverts;
(28) 32 each, culvert markers;
(29) 3.25 miles new property fence;
(30) 15 each, drive gates;
(31) 1.0 mile existing fences, move and reset;
(32) 21 each, monuments.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

CONTRACT AWARDED

SACRAMENTO.—J. R. Reeves, P. O. Box 1072, Sacramento, at $3,771.40, awarded contract by the Sutter Hospital, Chas. F. Dean, California State Life Bldg., Sacramento, architect, for excavating, grading and paving on hospital property.

CONTRACT AWARDED

INYO CO., Calif.—Peninsula Paving Co., 9 Main St., San Francisco, at $168,125.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 17.6 mi. grading in Inyo County, between 3.5 mi. east of Saline Valley Road and Panamint Sink.

CONTRACT AWARDED

ALAMEDA CO., Calif.—Jones & King, Jackson St., Hayward, at $8,435, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.4 mile grading and widening existing roadbed with plant-mixed surfacing, in Alameda County on Castro Hill.

CONTRACT AWARDED

WATSONVILLE, Santa Cruz Co., Calif.—Granite Constr. Co., Bin No. 9, Watsonville, at $16,000, awarded contract by the H. A. Hyde Co. for paving of streets, constructing curbs, sidewalks, and installation of sewer laterals at the new Hyde Park subdivision.

NOTICE TO BIDDERS

IMPERIAL COUNTY, Cal.—A representative of the district office will accompany prospective bidders over the proposed project in Imperial Co., between Sandia and Alamo River, Road XI-Imp-187-B,C.

Said representative will meet prospective bidders at Planters Hotel in Brawley, on Monday, December 28, 1936, and January 4, 1937, at 11 A. M.

Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above dates.

BIDS OPENED

ALAMEDA-Contra Costa Cos., Cal. —Heafey-Moore Co., 344 High Street, Oakland, at $209,713 submitted low bid to the Board of Directors of Joint Highway District No. 13, under Sch. "G", for the completion of the approaches to the Broadway Low Level Tunnel.

The work involves:
(1) 45,000 c.y. grading;
(2) 500,000 sta. yds. overhaul;
(3) 600 c.y. structural excavation, Class A;
(4) 100 c.y. do., Class B;
(5) 245,000 sq. ft. shoulders;
(6) 33,000 lbs. reinf. steel;
(7) 430 c.y. concrete structures, Cl. A;
(8) 37,700 sq. ft. portland cement concrete pavement, 8-in.;
(9) 665,000 sq. ft. penetration oil macadam pavement;
(10) 1,200 l.f. 6-in. concrete curbs;
(11) 945 l.f. 12-in. concrete curbs;
(12) 2,500 sq. ft. concrete gutters;
(13) 9,000 sq. ft. cement sidewalks;
(14) 9 fill protectors;
(15) 1,000 l.f. 8-in. CMP culvert;
(16) 150 l.f. 12-in. do.;
(17) 500 l.f. 18-in. do.;
(18) 190 l.f. reinforced concrete pipe culvert, 24-in. "X";
(19) 1 manhole, standard top;
(20) 1 manhole, inlet top;
(21) 3 manholes, grating tops;
(22) 2 storm water inlets, type "B";
(23) 3 storm water inlets, type "C";
(24) 2,100 l.f. underdrain, 8-in. perforated CMP;
(25) 2,020 l.f. 6-in. cast iron pipe;
(26) 12,000 l.f. guard rail;
(27) 620 l.f. pipe hand rail;
(28) 90 c.y. riprap;
(29) 46,000 lbs. metal cribbing;
(30) Repairing damage and imperfect work and drainage on highway construction and appurtenant structures.

Total bids follow:
(A) Heafey - Moore Co., Oakland, $209,713.00.
(B) Frederickson & Watson Const. Co. and Fredrickson Bros., Oakland, $218,085.75.
(C) Geo. Pollock, Sacramento, and R. G. Clifford, San Francisco, $229,970.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ .50	$ .41	$ .60
(2)	.005	.01	.02
(3)	2.00	2.00	1.70
(4)	3.00	2.35	2.40
(5)	.04	.04	.04
(6)	.06	.06	.07
(7)	40.00	31.00	50.00
(8)	.26	.30	.26
(9)	.15	.17	.17
(10)	.70	.76	.50
(11)	1.00	.95	.60
(12)	.25	.39	.30
(13)	.15	.18	.16
(14)	13.00	11.80	15.00
(15)	1.30	1.30	1.00
(16)	2.00	2.24	1.50
(17)	3.00	3.00	2.00
(18)	4.40	5.30	4.00
(19)	90.00	88.50	100.00
(20)	100.00	94.50	125.00
(21)	50.00	88.50	75.00
(22)	100.00	147.50	150.00
(23)	80.00	147.50	120.00
(24)	1.30	2.30	1.30
(25)	1.40	1.44	2.00
(26)	.80	1.00	.80
(27)	3.00	3.50	3.00
(28)	7.00	5.00	6.00
(29)	.14	.142	.15
(30)	12,000.00	5000.00	2000.00

BIDS WANTED

SAN FRANCISCO.—Until December 30, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,994, for the construction of Richardson Ave. from Broderick St. to Lyon St. Estimated cost, $48,000.

The work involves:
(1) 6000 c.y. excavation;
(2) 69,600 sq. ft. asphalt-concrete pavement (8x1½x1½-in.);
(3) 10,700 sq. ft. 8-in. concrete pavement;
(4) 30,200 sq. ft. asphalt-concrete pavement (6x2-in.);
(5) 2,365 l.f. white concrete curb (unarmored);
(6) 1,444 l.f. 12-in. V.C. pipe sewer;
(7) 245 l.f. 10-in. V.C. pipe culvert;
(8) 125 l.f. 6-in. V.C. pipe side sewer;
(9) 19 each, 12x6-in. V.C.P. Y or T branches;
(10) 9 each, brick manholes;
(11) 7 each, brick catchbasins;
(12) 1 only, low-pressure hydrant (relocated);
(13) Lump sum, high pressure hydrant (relocated);
(14) 1,550 l.f. combined curb and 1-ft. gutter (white);
(15) 43 tons asphaltic concrete binder;
(16) 62 tons asphaltic concrete wearing surface;
(17) Lump sum, electrical work;
(18) 18,000 sq. ft. concrete sidewalk

(two course);
(19) 3,000 l.f. painting 4-in. traffic lines;
(20) 2,500 l.f. painting 8-in. traffic lines;
(21) 10 arterial stop signs (reflector type);
(22) 24 3-in. red warning reflectors.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10. *

BIDS WANTED

MOHAVE COUNTY, Ariz. — Until Jan. 5, 2:30 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Kingman-Boulder Dam Highway, FA 123 (1937) AFE 9301. The work, which is to begin about sixteen miles northwest of Kingman and extend northwesterly about 10 miles, consists of grading, draining, and the furnishing and placing aggregate base course and asphaltic surface treatment, and is to be completed on or before Oct. 15, 1937.

The principal items and approximate quantities are:
41,500 c.y. roadway excavation;
22,500 c.y. drainage excavation;
12,800 l.f. grader ditches;
2,800 c.y. structural excavation;
28,300 c.y. borrow;
29,700 sta. yds. overhaul;
200 c.y. mile haul;
34,500 c.y. imported borrow;
27,800 tons aggregate base course;
6,500 c.y. stripping pits;
360 M. gals. sprinkling;
1,100 hours rolling;
1,690 c.y. concrete;
163,100 lbs. reinf. steel;
3,948 l.f. CMP (6 sizes);
104,400 l.f. line fence;
134,100 gals. SC-2 road oil;
1,800 tons cover coat (conc. sand);
53 MBM treated timber;
3 MBM untreated timber;
48 each placing piles in framed bents.
ALT. ITEM: 60 MBM redwood timber.

Plans may be obtained from the office of T. S. O'Connell, State Highway Engineer, 17th Ave. and Jackson St., Phoenix. Certified or cashier's check for 5% must accompany each bid.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—George K. Thompson, 2404 W 7th St., Los Angeles, at $120,875.40 was awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for grading 1.363 miles of Section C of Route 61, the Angeles Crest National Forest Highway, Angeles National Forest, Los Angeles County.

BIDS WANTED

YUMA COUNTY, Ariz.—Until Jan. 5, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on Yuma - Phoenix Highway, F. A. 55, 3rd Reop. (1937). AFE 8013 The work, which is located near Stoval approximately half way between Yuma and Gila Bend, consists of widening and resurfacing one and two-thirds miles of the present road and is to be completed on or before April 30, 1937.

The principal items and approximate quantities are:
9,350 c.y. roadway excavation;
29,100 c.y. imported borrow;
9,350 c.y. select material;
960 M. gals. sprinkling;
390 hours rolling;
2,800 tons cutback mix (plant or road);
157 tons cutback asphalt;
440 tons screenings (2 types);
1,900 tons salvaging and relaying oil cake;
106 tons salvaging and stockpiling oil cake.

Plans and specifications may be obtained from the office of the State Highway Engineer, T. S. O'Connell. Certified or cashier's check for 5% must accompany each proposal.

BIDS WANTED

COLORADO RIVER PROJ., Texas.—Until January 7, 10 A. M., bids will be received by the Bureau of Reclamation, Austin, Texas, H. P. Bunger, construction engineer, under Spec. No. 862-D, for construction of street, driveway, and sidewalk grading and surfacing and sewer and water systems for the Government Camp at the Marshall Ford Dam, Colorado River Project.

The work is located on the Colorado River about 18 miles northwest of Austin, and the principal items of work involved are:
7,500 c.y. excavation for grading the streets, driveway and sidewalks
800 c.y. compacted fill;
2,750 l.f. excavation and backfill of sewer pipe trenches;
2,910 l.f. excavation and backfill of water pipe trenches.
Furnishing and laying 2,750 l.f. 4- to 8-in. dia. sewer pipe;
Furnishing and installing four grease traps;
Constructing four sewer manholes;
Furnishing and laying 1,525 l.f. 4-in. dia. water main;
Furnishing and installing three 4-in. gate valves;
Furnishing and installing 13 1- to 2½-in. water service connections;
Furnishing and laying 1,310 l.f. ¾-in. to 2-in. dia. service pipe;
Furnishing and installing 6¾- to 1¼-in. dia. curb stops and service boxes;
Furnishing and installing four fire hydrants;
Furnishing and placing 5,000 l.f. of timber curb boards;
Placing 1,100 c.y. bottom course of crushed-rock or crushed-gravel surfacing;
Placing 850 c.y. top course of crushed-rock or crushed-gravel surf.
Furnishing and applying 7,000 gals. liquid asphaltic road material.

Plans and specifications obtainable from the above office without charge to prospective bidders; to others, $1, not returnable.

BIDS IN—UNDER ADVISEMENT

OAKLAND, Alameda Co., Calif.—Bids have been received by the Pacific Telephone and Telegraph Co., Mr. R. Z. Young, General Plant Engineer, San Francisco, for the installation of conduit line in the west side of San Pablo Ave., between 17th St. and Peralta Ave., Oakland.

The work will involve:
(1) 8,063 l.f. 8-in. vitrified clay conduit;
(2) Construction of 12 manholes.

Bids were received from a selected list of contractors.

Mr. Paulsen, 1545 Franklin St., Oakland, Division Engineer.

Announcement of the award will be made shortly.

PLANS BEING FIGURED

OAKLAND, Alameda Co., Calif.—Until January 18, bids will be received from a selected list of contractors, by the Pacific Telephone & Telegraph Co., Mr. R. Z. Young, General Plant Engineer, San Francisco, for the installation of conduit in Olive and cross streets, Oakland.

The work will involve:
(1) 4,581 trench ft. 9-way creosoted wood conduit;
(2) 1,896 trench ft. 6-way creosoted wood conduit;
(3) 784 trench ft. 6-way vitrified clay conduit;
(4) 482 trench ft. 4-way vitrified clay conduit;
(5) 600 ft. lateral conduit;
(6) Construction of 14 manholes.

Mr. Paulsen, 1545 Franklin Street, Oakland, Division Engineer. *

CONTRACTS AWARDED

STATE OF OREGON. — Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, and contracts awarded as follows:

Coos County — Empire - Marshfield Section of Empire-Marshfield Secondary Highway; 2.86 mi. of resurfacing and oil mat surface treatment. Requires approximately 4,100 c.y. of crushed rock or crushed gravel and 30,200 sq. yds. oil mat surface treatment.

Awarded: Babler Bros., 2407 NW 28th, Portland—$20,998.

Harney County—Burns Rock Production Project on Central Oregon and John Day-Burns Highways. Furnishing 5,600 c.y. crushed gravel in stockpile.

Awarded: W. C. White, Vale—$10,-480.

Lake County—Chalk Cliff - Paisley Section of Fremont Highway; 9.84 mi. of grading, gravel surfacing and road-mix oil surfacing. Requires approximately 79,000 c.y. excavation, 30,000 c.y. pit-run gravel surfacing materials, and 104,000 sq. yds. road-mix surfacing.

Low Bidder: Itschner & Rigdon, Barlow—$77.549. Bids referred to the engineer.

Lake and Harney Counties—Valley Falls-Cinder Butte Rock Production Project on Lakeview-Burns and Fremont Highways. Furnish 39,000 c.y. crushed rock and crushed gravel in stockpile.

Awarded: Medford Concrete Const. Co., Medford—$60,060.

Wheeler County—Fossil - Kinzua Junction Section of John Day Highway; 4.10 mi. of grading, surfacing and oil mat surface treatment, and furnishing 1,500 c.y. crushed rock in stockpile. Requires approximately 100,000 c. y. excavation, 18,000 c. y. talus topping materials, 5,700 c.y. crushed rock, and 48,000 sq. yds. oil mat surface treatment.

Awarded: Fisher Bros., Oregon City—$69,624.

Yamhill County—Rex Hill-Newberg Section of West Side Pacific Highway; 1.92 miles of grading, 1.41 mi. of Portland cement concrete pavement, and 0.51 mile of asphaltic concrete pavement. Requires approximately 32,000 c.y. excavation, 13,400 c.y. crushed rock in base, shoulders and surfacing, 21,000 sq. yds. oil mat surface treatment, 18,300 sq. yds. Portland cement concrete pavement, and 7,000 sq. yds. asphaltic concrete pavement.

Low Bidder: Mountain States Const. Co., Eugene—$83,445. Bids referred to the engineer.

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, Call Bldg., San Francisco, at $1,798.66, submitted the only bid received by the Department of Public Works, City Hall, under Spec. No. 18,795, for the improvement of the southerly intersection of Barneveld Ave. and Rickard St. and improvement of Rickard St. between Barneveld Ave. and San Bruno Ave.

Unit bids follow:
(1) 140 c.y. grading (excavation)—$3.00.
(2) 1 brick catchbasin, complete—$150.
(3) 25 l.f. 10-in. VCP culvert, in place—$3.00
(4) 132 l.f. armored concrete curb—$1.30

(5) 142 sq. ft. 2-course concrete sidewalk—$0.40.
(6) 4,406 sq. ft. asphalt concrete pavement, consisting of a 2-inch asphaltic concrete wearing surface on a 6-in. Class F concrete base—$0.21

BIDS OPENED

COCONINO COUNTY, Ariz.—Bids for furnishing asphaltic road materials for use on Grand Canyon Route 8, Grand Canyon National Park, Coconino County, Ariz., were opened by the Bureau of Public Roads, C H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, Dec. 22.

Bids were taken as folows:
(1) 60 tons Type SC-2, Class F-1 surfacing;
(1a) 60 tons Type SC-2, Class F-2 surfacing;
(2) 98 tons Type RC-4, Class F-1 surfacing;
(2a) 98 tons Type RC-4, Class F-2 surfacing;
(3) 306 tons Type 90-95, Class F-1 surfacing;
(3a) 306 tons Type 90-95, Class F-2 surfacing;
(4) 140 tons emulsified asph., Class F-1 surfacing;
(4a) 140 tons emulsified asph., Class F-2 surfacing.

Complete bids follow:

The Petrol Corp., Los Angeles: (1 and 1a) $4.70; (2 and 2a) $12.50; (3 and 3a) $10.00; (4 and 4a) no bid; fob Los Angeles.

Gilmore Oil Co., Los Angeles, and Shell Oil Co., Los Angeles, identical bids at: (1 and 1a) $5.50; (2 and 2a) $12.50; (3 and 3a) $10.00; (4 and 4a) $13.80; all fob Bakersfield except Items 4 and 4a which are fob Los Angeles.

Standard Oil Co., San Francisco: (1 and 1a) $5.50; (2 and 2a) $12.50; (3 and 3a) $10.00; (4 and 4a) no bid; fob Bakersfield.

Union Oil Co., Los Angeles: (1 and 1a) $5.50; (2 and 2a) $12.50; (3 and 3a) $10.00; all fob Malta; (4) $13.80, fob Wilmington; (4a) $13.80 fob Bakersfield.

American Bitumuls Co., Oakland: (4 and 4a) $13.80, fob Los Angeles.

LOW BIDDERS

LOS ANGELES CO., Calif.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at $98,545, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 2.1 miles grading and surfacing with plant-mixed surfacing in Los Angeles County between Azusa Ave. and San Gabriel River Bridge.

The three low bids were:

A. S. Vinnell Co., Los Angeles	$98,545
J. E. Haddock, Ltd., Pasadena	104,916
Oswald Bros., Los Angeles	110,930

LOW BIDDERS

LOS ANGELES CO., Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at $91,784, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.6 miles grading and surfacing with portland cement concrete in Los Angeles County, between Playa St. and Washington Blvd.

The three low bids were:

J. E. Haddock, Ltd., Pasadena	$91,784
Matich Bros., Elsinore	92,199
Oswald Bros., Los Angeles	95,758

30—RESERVOIRS & DAMS

BONDS DEFEATED

VENTUBA, Ventura Co., Calif. — Proposals to bond the city for $1,581-000 to provide funds for the construction of a dam and water treatment plant on the Coyote Creek, a tributary of the Ventura River, at what is known as the Hoffman Site, were defeated at the special election held December 15.

The vote on the individual propositions follows:

(1) Storage Dam, $1,023,000; yes, 1145; no, 1431.

(2) Diversion Dam and four-mile canal, $186,000; yes, 1074; no, 1389.

(3) Water Treatment Plant and rebuild Kingston reservoir, $372,000; yes, 1,089; no, 1,394.

TO ASK BIDS

BAYFIELD, Colo.—R. F. Walter, Chief Engineer of the Bureau of Reclamation, has announced that the Bureau will issue an invitation for bids for the construction of the Pine River Dam and appurtenant works as soon as the field investigations have been completed and that the opening of bids will be early in the spring of 1937.

The proposed dam will be an earth and rock fill structure, approximately 4000 ft. in length, with a maximum height of 130 ft., 35 ft. wide at the top, with concrete curb and parapet walls, with rock riprap upstream facing 3 ft. thick on 3:1 slope. The downstream slope will vary from 2:1 to 10:1 slope. The outlet tunnel will contain two 86-in. I.D. steel pipes. The reservoir will have a capacity of 129,000 acre feet.

The present estimated quantities are:

1,495,000 c.y. common excav. in open cut;
503,000 c.y. rock excav.. in open cut;
16,000 c.y. excav. all classes, in outlet tunnel;
1,800,000 c.y. common excav. in borrow pits;
93,000 c.y. rock excav. in borrow pits;
2,775,000 c.y. earth fill in dam;
7,000 c.y. backfill;
540,000 c.y. rock fill on downstream slope;
125,000 c.y. rock riprap on upstream slope;
5,000 c.y. riprap in spillway inlet and outlet channels;
7,400 c.y. concrete in outlet w'ks;
11,300 c.y. concrete in spillway and stilling basin;
5,300 c.y. concrete in other parts of the dam;
Placing 1,770,000 lbs. reinf. bars;
Constructing 10,200 l.f. embankment toe drains and spillway drains;
Installing 1,600,000 lbs. of gates, valves, and other metal work.

Specifications will not cover the furnishing of materials such as cement, reinforcing bars, structural steel, gates, pipes, etc. Such materials will be purchased by the Bureau of Reclamation under separate invitations for bids.

CONTRACT VALIDATED

EUREKA, Humboldt Co., Calif.—Superior Judge C. A. Paulsen has rendered a decision upholding the Eureka City Council's action in modifying a contract with the T. E. Connolly-Hanrahan Company for constructing the headworks unit of the Mad River water supply project. The contractor had filed a friendly suit to test the contract after being authorized to proceed with work on the Mad River dam and outlet works for the water supply under revised specifications. Change in design and location of the dam was decided upon after the contract had been awarded, due to discovery of an unsuitable foundation condition at the original site.

The court overruled a group of intervening taxpayers who contended that the council did not have authority to order the work done without advertising for new bids.

BIDS OPENED

BONNEVILLE DAM, Oregon. — General-Shea Co., Bonneville, at $12,-056, submitted low bid to the U. S. Engineer Office, Second Portland District, Lieut.-Col. C. F. Williams, District Engineer, Pittock Block, Portland, for the construction of three reinforced concrete guide piers for the upper guide wall of the navigation locks, Bonneville Project.

Complete total bids folow:

General-Shea Co., Bonneville	$12,056
Seymour Johnson, Birkenfeld, Oregon	15,500
Columbia Constr. Co., Bonneville	18,900

BIDS WANTED

SALT RIVER PROJECT, Arizona. —Until January 18, 10 a.m., bids will be received by the Bureau of Reclamation, Producer Bldg., Phoenix, E. C. Koppner, Construction Engineer, under Spec. No. 715, for the construction of a spillway at the Mormon Flat Dam, Salt River Project, Arizona.

The work is located about 25 miles northeast of Mesa, and the principal items of work involved are:
(1) 122,800 c.y. of all classes of excavation;
(2) 1,700 c.y. of excav. of old concrete;
(3) 650 sq. yds. of chipping and roughening surfaces of old concrete;
(4) 1,600 c.y. of backfill;
(5) 1,000 cu. ft. of pressure grouting;
(6) 90 c.y. of porous concrete;
(7) 11,930 c.y. of concrete;
(8) Placing 750,000 pounds of reinforcement bars;
(9) Drilling 9,350 l.f. of grout and anchor-bar holes;
(10) Installing 2,900 pounds of grout and pipe and fittings;
(11) Constructing 4,550 l.f. of 4-in. to 8-in. sewer-pipe drains;
(12) Laying 110 l.f. of 24-in. diameter CMP;
(13) Installing 1,543,000 lbs. of gates and gate hoists;
(14) Installing 84,000 lbs. of other metalwork;
(15) Installing 2,500 sq. ft. of asphalt-saturated felt roofing;
(16) Placing 360 sq. yds. of bonded concrete floor finish;
(17) Removing and storing existing radial gates and operating mechanisms; and
(18) Installing electrical circuits and apparatus.

Work shall be commenced within 30 calendar days and completed within 400 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, Phoenix, Arizona; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $2.50, not returnable.

BIDS WANTED

WHITE SALMON, Wash. — Until January 4, 2 P. M., bids will be received by the White Salmon Town Council, C. H. Estes, Clerk, for the construction of a 500,000-gal. capacity reinforced concrete reservoir.

Plans and specifications obtainable from the above office upon deposit of $10.00.

Beasley & Stoehr, 431 Railway Exchange Bldg., Portland, engineers.

The reservoir will be part of a new water system to cost approximately $100,000, which will include laying of approximately eight miles of 12-in. supply lines, an intake dam and crossing at the White Salmon River, and connecting and overflow lines.

31—PIPE LINES & WELLS

LOW BIDDER

SAN FRANCISCO.—W. J. Tobin, 586 Howard St., San Francisco, at $322.10, submitted low bid to the Public Utilities Commission, City Hall, under S.F.W.D. Spec. No. 130, for laying 4-in. cast-iron mains in Normandie Terrace between Broadway and Vallejo Streets.

The work involves:

(1) 320 l.f. excav. and backfill for 4-in. pipe, trench 17 in. wide by 36 in. deep;
(2) 10 c.y. additional excavation and backfill;
(3) 20 sq. ft. additional pavement removal and replacement;
(4) 320 l.f. installing 4-in. bell and spigot cast-iron pipe;
(5) 1,100 lbs. installing fittings, gate valves, etc.
(6) 30 l.f. making joints;
(7) 110 sq. ft. repavement;
(8) 12 ¾-in. screw taps installed;
(9) 250 ft. ¾-in. copper pipe installed.

Total bids follow:

(A) W. J. Tobin, S. F. $322.10
(B) P. L. Burr, S. F. 363.03
(C) Martin Murphy, Berkeley.. 458.00
(D) E. J. Treacy, S. F. 553.40
(E) Underground Constr. Co., Berkeley 557.00
(F) Fay Improvement Co., San Francisco 707.12

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)....	$0.45	$0.40	$0.70	$1.00	$1.10	$1.25
(2)....	.10	1.50	2.00	2.00	1.00	6.88
(3)....	.30	.35	.30	.30	.50	.41
(4)....	.05	.08	.10	.10	.10	.20
(5)....	.03	.02	.04	.02	.04	.03
(6)....	.27	.30	.40	.30	.50	.39
(7)....	.25	.30	.30	.24	.30	.41
(8)....	2.00	4.00	1.00	1.50	3.00	1.36
(9)....	.25	.30	.30	.40	.50	.24

N. A. Eckart, Chief Engineer. *

CONTRACT AWARDED

EVERETT, Wash. — Western Pipe & Steel Co., 444 Market Street, San Francisco, at $1,257,366, on all steel pipe, submitted low bid, as previously reported, and awarded contract by the Everett City Council, S. Frank Spencer, Commissioner of Public Works, for construction of Sections 1, 2 and 3 of the Sultan River Pipe Line Project No. 3, involving construction of a pipeline from Portal No. 4 to Reservoir No. 2, and from Reservoir No. 2 to Soundview Pulp Company.

The pipeline is designed to increase Everett's water supply by 50,000,000 gallons daily. From Lake Chapain to Panther Creek screening plant, 52-inch pipe will be installed; over the balance, 30- 36- and 48-inch pipe will be used.

Complete bids follow:

Western Pipe & Steel Co., San Francisco, $1,257,366, on all steel pipe.

American Concrete & Steel Pipe Co., Tacoma: $503,678 for concrete and steel pipe from Lake Chaplain to Panther Creek screening plant; $940-138 for steel pipe over balance of the line; total, $1,443,816.

Emsco Derrick & Equip. Co., Los Angeles: $853,852 for steel pipe from screening plant to city; $1,372,444 for steel pipe along entire length of line.

Parker-Schram Co., Portland: $666-050 for steel pipe from Lake Chaplain to screening plant; $1,041,136 for steel pipe from screening plant to city.

General Const. Co., Seattle: $1,455,907 for steel pipe along entire length of line.

A PWA grant of $585,000 was recently allotted for the project.

Granville Paine, city engineer.

CONTRACT AWARDED

SAN MATEO CO., Calif.—Williams Bros. & Haas, Inc., 1104 Merchants Exchange Bldg., San Francisco, at

SAN JOAQUIN COUNTY—Tesla Chlorinating Plant—(City)

SAN JOAQUIN CO., Calif. — L. Ubels, Box 181, Ripon, at $29,077.50, submitted low bid to the Public Utilities Commission, City Hall, under Hetch Hetchy Water Supply Contract No. 163, for construction of the Tesla Portal Chlorinating Plant in the Coast Range Division of the Hetch Hetchy Aqueduct.

The work involves construction of a chlorinator building near Tesla Portal of the Coast Range Tunnel of the Hetch Hetchy Aqueduct, about 7.5 miles south of the town of Tracy, San Joaquin County, including the furnishing and installing of a 3-ton traveling crane hoist, steel work, construction of a pump house including the furnishing and installing of two 10-hp. pumping units with all piping, valves, fittings and connections to existing pipes; construction of a keeper's house and garage; two steel water storage tanks, including all piping, valves and fittings. Contracts also include the furnishing and installing of all water supply and fire hydrant piping with valves and fittings, furnishing and installing chlorine and ammonia solution hose and piping with all valves, fittings, and connections.

All buildings are to be constructed on concrete foundations, flooring, and footings, and includes furnishing and installing all reinforcing steel and foundation bolts.

Construction of redwood troughs and boxes, excavation, roadways, furnishing and installing electrical work for the pump units and for heating and lighting of the buildings, installing stainless steel pipe, bolts and shapes; installing piping and equipment furnished by the City; removing and reinstalling the existing bumped head at the tunnel portal; furnishing and installing a platform scale; removing and disposing of an existing wood frame building and a wood stave water tank and other structures which might interfere with the work, are all included in the contract.

Bids were taken as follows:

(1) 1,500 c.y. general excav.;
(2) 250 c.y. structure excav.;
(3) 100 c.y. crushed gravel or broken stone;
(4) 95 c.y. concrete;
(4a) 4,000 lbs. furnishing and placing reinforcing steel and foundation bolts;
(5) Lump sum, construction of chlorinator building above concrete work, including crane and steel work;
(6) Lump sum, constructing pump house above concrete work;
(7) Lump sum, constructing keeper's house above concrete work;
(8) Lump sum, constructing garage above concrete work;
(9) Lump sum, furnishing and installing two 10-hp. pumping units, including all piping, valves and fittings in the pumping station;
(10) 22,500 lbs., furnishing and installing galvanized wrought-steel pipe and couplings;
(11) 3,000 lbs. furnishing and installing valves and fittings for water piping;
(12) Lump sum, furnishing and installing electrical work, for pumping units and for heating and lighting of the buildings;
(13) Lump sum, furnishing and installing two steel water storage tanks;
(14) 3,000 ft.b.m. furnishing and installing redwood troughs and boxes;
(15) 300 l.f. furnishing and installing 2-in. 4-ply rubber hose;
(16) 160 l.f. furnishing and installing 4-in. 6-ply rubber hose;
(17) 130 lbs. furnishing and installing stainless steel pipe, blots and shapes;
(18) 400 lbs. furnishing and installing chlorine and ammonia piping;
(19) Lump sum, installing piping and equipment not furnished by the contractor;
(20) Lump sum, furnishing and installing platform scale;
(21) Lump sum, furnishing and installing pressure gage pipe connections.

Total bids follow:

(A) L. Ubels, Ripon $29,077.50
(B) P. L. Burr, San Francisco 29,793.00
(C) Fred J. Early, San Francisco 31,047.75
(D) E. T. Lesure, Oakland.... 34,540.00
(E) R. G. Clifford, San Francisco 35,521.35
(F) C. Dudley DeVilbiss, Oakland 36,090.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	$ .90	$ .70	$ .65	$ .80	$ .42	$ 2.00
(2).....	1.90	1.25	1.50	2.50	2.32	2.00
(3).....	5.20	3.50	3.90	4.50	4.90	4.50
(4).....	18.00	24.00	25.35	30.00	21.13	25.00
(4a).....	.055	.07	.06	.10	.07	.06
(5).....	6150.00	5846.00	6871.00	7600.00	8000.00	7000.00
(6).....	700.00	1019.00	1079.00	1200.00	1160.00	1200.00
(7).....	5080.00	5346.00	5786.00	6000.00	8700.00	6400.00
(8).....	1100.00	1415.00	1281.00	1380.00	1600.00	1200.00
(9).....	1507.00	1143.00	1048.00	1642.00	1800.00	1200.00
(10).....	.104	.72	.085	.10	.10	.15
(11).....	.3835	.36	.48	.40	.40	.60
(12).....	1620.00	1575.00	1669.00	1800.00	2000.00	2000.00
(13).....	2950.00	3037.00	2960.00	3600.00	2700.00	2500.00
(14).....	115.00	110.00	125.00	120.00	100.00	200.00
(15).....	1.23	1.50	1.30	.64	1.10	1.30
(16).....	3.30	3.00	4.00	1.75	3.50	3.50
(17).....	2.20	3.50	3.50	2.30	2.00	4.00
(18).....	.50	.75	.40	1.00	.60	.35
(19).....	55.00	275.00	153.00	400.00	120.00	300.00
(20).....	304.00	30.00	355.00	312.00	280.00	300.00
(21).....	55.00	40.00	85.00	100.00	50.00	40.00

L. T. McAfee, Utilities Engineer.

E. M. HUNDLEY
Building Hardware Specialist
SARGENT BUILDERS' HARDWARE
Member Builders' Exchange
562 Mission Street - San Francisco - Phone DOuglas 5391

$643,939, awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W.D. 112, for constructing the Crystal Springs Pipe Line No. 2, from Crystal Springs Dam to Burlingame.

32— SEWERS & SEWAGE DISPOSAL PLANTS

NEW BIDS ASKED

NEWPORT BEACH, Orange Co., Calif.—Until January 11, 7:30 p.m., new bids will be received by the Newport Beach City Council for constructing a vitrified clay sewage collection system, sewage pumping stations, and a disposal plant, in accordance with plans prepared by R. L. Patterson, City Engineer, and Currie Engineering Co., San Bernardino. All bids received December 14 were rejected by the city council. The plant is designed to serve a population of about 25,000, and consists of two concrete circular Imhoff tanks and a separate sludge digestion tank.

The City has about $304,000 available, of which $152,000 is a PWA allocation, the balance bonds voted by the city.

CONTRACT AWARDED

LOS ANGELES.—E. C. Nickel, 912 Micheltorena St., Los Angeles, at $28,-937, awarded contract by the board of directors of the Metropolitan Water District, for constructing a sewer system, a domestic water supply system, and a fire protection system near the Gene Pumping Plant under Schedule No. 1 of Spec. 179.

A. L. Gabrielson, 3316 Comer Ave., Riverside, at $9,987.08, awarded contract for similar type work near the Hayfield Pumping Plant, under Spec. 179.

YAKIMA PROJECT, WASH.—EARTHWORK & STRUCTURES—(Govt.)

YAKIMA PROJECT, Wash.—J. A. Terteling & Sons, Box 1406, Boise, Idaho, at $374,409, as previously reported, submitted low bid to the Bureau of Reclamation, Yakima, C. E. Crownover, Construction Engineer, under Spec. No. 711, for construction of earthwork, bench flume, canal lining, and structures, Station 102 to Station 197 plus 77.68, Yakima Ridge Canal, Roza Division, Yakima Project, Washington.

The work involves:

SCHEDULE 1

(1) 180,000 c.y. excav. for canal, common;
(2) 90,000 c.y. do., rock;
(3) 5,000 sta. c.y. overhaul;
(4) 150 c.y. excav. for structures, common;
(5) 50 c.y. do., rock;
(6) 270 c.y. excavation for drainage channels and dikes, common;
(7) 50 c.y. do., rock;
(8) 5,200 c.y. compacting embankments;
(9) 8,000 sq. yds. preparing rock foundation for concrete lining and concrete bench flume;
(10) 30,000 sq. yds. trim. earth foundation for concrete lining and bench flume;
(11) 9,000 c.y. backfill about structures;
(12) 350 c.y. puddling or tamping backfill about structures;
(13) 80 c.y. concrete in structures;
(14) 8,350 c.y. concrete in bench flume;
(15) 2,480 c.y. concrete in canal lining;
(16) 1,530,000 lbs. placing reinforcement bars;
(17) 25 sq. yds. dry-rock paving;
(18) 70 sq. yds. grouted paving;
(19) 7,600 lbs. erecting structural steel in bridge;
(20) 4 MFBM erecting timber in bridge;
(21) 7,300 l.f. constructing 6-in. diam. underdrain-uncemented joints;
(22) 1,550 l.f. constructing 8-in. diam. underdrain-uncemented joints;
(23) 350 l.f. laying 6-in. diam. sewer pipe—cemented joints;
(24) 370 l.f. laying 8-in. diam. sewer pipe—cemented joints;
(25) 2,400 lbs. installing miscellaneous metalwork.

SCHEDULE 2

(26) 51,000 c.y. excavation for structures, common;
(27) 12,300 c.y. do., rock;
(28) 41,800 c.y. backfill about structures;
(29) 300 c.y. puddling or tamping backfill about structures;
(30) 4,630 c.y. concrete in structures;
(31) 1,496,000 lbs. placing reinforcement bars;
(32) 36,200 lbs. installing gates and gate hoists;
(33) 5,200 lbs. installing blow-off valve and connections;
(34) 1,500 lbs. installing pipe handrails;
(35) 1,250 lbs. installing miscellaneous metalwork.

Total bids follow:

	Sch. 1	Sch. 2	Schs. 1 & 2
(A) J. A. Terteling & Sons, Boise	$196,390.50	$178,018.50	$374,409.00
(B) Morrison-Knudsen Co., Inc., Boise	225,826.50	194,483.00	420,319.50
(C) Guy F. Atkinson Co., Mason City, Wash.	276,390.00	165,458.00	441,848.00
(D) Gunther & Shirley Co. and J. P. Shirley, Los Angeles	225,237.00	262,995.00	488,232.00
(E) Consolidated Engineering Co., Inc., Tacoma	279,985.00	234,049.50	514,034.50
(F) L. Romano Engrg. Corp., Seattle	330,919.00	362,312.50	693,231.50
(G) Siems-Spokane Co., Spokane	310,113.50	396,777.00	706,890.50
(H) General Constr. Co., Seattle	282,907.00	459,824.00	742,731.00
(I) Goodfellow Bros., Inc., and Sather & Sons, Wenatchee and Seattle	228,706.00	.....	.....
(J) Barnard-Curtiss Co. and John Klug, Yakima	241,252.75	.....	.....
(K) F. J. Kernan, Portland	246,942.50	.....	.....
(L) Elliott & Co., Inc., Seattle	264,126.50	.....	.....

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	$0.23	$0.275	$0.30	$0.20	$0.255	$0.22	$0.37	$0.18	$0.16	$0.165	$0.23	$0.18
(2)	.23	.275	.70	.70	1.03	1.00	.37	.80	.60	.60	.50	.80
(3)	.05	.06	.05	.02	.03	.05	.05	.05	.04	.10	.05	.05
(4)	1.00	.85	1.75	1.00	1.00	1.00	1.50	1.00	2.00	.50	2.00	1.50
(5)	1.00	2.00	3.50	2.00	2.50	5.00	2.00	2.00	5.00	1.50	2.00	2.00
(6)	.25	.20	1.25	1.00	1.00	1.00	1.00	1.00	.50	.30	.50	1.00
(7)	1.00	1.50	3.50	2.00	2.50	5.00	2.00	4.00	2.00	1.00	3.00	2.00
(8)	.25	.35	.15	.40	.50	.22	.45	.30	.12	.50	.30	.15
(9)	.60	.50	.60	.40	.58	1.00	.45	.60	.40	.60	.60	.50
(10)	.30	.45	.30	.25	.51	.10	.45	.25	.15	.35	.30	.15
(11)	.20	.30	.40	.20	.32	.22	.60	.20	.60	.30	.30	.50
(12)	.30	.60	.60	.50	.75	.30	1.00	.60	.50	.70	.70	.50
(13)	15.00	18.00	20.00	20.00	12.50	20.00	30.00	18.00	15.00	14.50	14.50	12.00
(14)	8.00	9.00	11.00	8.00	7.45	15.00	13.00	12.00	10.00	10.00	10.50	10.80
(15)	8.00	8.50	7.00	6.00	6.95	12.00	12.00	9.00	7.50	9.50	9.50	10.80
(16)	.015	.016	.015	.015	.0185	.015	.025	.018	.015	.015	.015	.015
(17)	1.00	2.00	3.00	2.00	5.00	1.00	2.00	2.00	3.00	1.25	1.50	4.00
(18)	3.00	4.00	4.00	2.00	8.00	1.00	3.00	3.00	3.50	2.50	2.50	6.00
(19)	.03	.05	.03	.015	.02	.10	.03	.03	.03	.02	.10	.03
(20)	20.00	60.00	60.00	40.00	50.00	30.00	30.00	30.00	30.00	20.00	20.00	50.00
(21)	.50	.50	.50	.40	.50	.50	.45	1.00	.40	.45	.50	.25
(22)	.75	.70	.60	.40	.60	.50	.45	1.00	.50	.45	.50	.35
(23)	.50	.70	.50	.40	.50	.50	.40	.60	.35	.30	.50	.50
(24)	.75	1.00	.60	.40	.60	.50	.40	.70	.45	.30	.50	.60
(25)	.05	.10	.10	.10	.05	.25	.10	.10	.05	.05	.05	.10
(26)	1.00	.90	.50	1.40	2.47	4.00	2.50	5.00	.....	.....	.....	.....
(27)	2.25	1.50	1.5	1.040	2.50	4.00	4.00	5.00	.....	.....	.....	.....
(28)	.25	.22	.20	.40	.27	.25	.25	.20	.....	.....	.....	.....
(29)	.50	1.00	.60	.40	.80	.50	1.20	.50	.....	.....	.....	.....
(30)	14.00	20.00	20.00	27.00	7.30	15.00	35.00	22.00	.....	.....	.....	.....
(31)	.015	.017	.0125	.02	.018	.015	.03	.02	.....	.....	.....	.....
(32)	.03	.05	.03	.05	.12	.15	.05	.06	.....	.....	.....	.....
(33)	.05	.10	.06	.10	.10	.15	.06	.06	.....	.....	.....	.....
(34)	.05	.10	.08	.10	.10	.15	.06	.20	.....	.....	.....	.....
(35)	.05	.10	.12	.10	.05	.15	.10	.20	.....	.....	.....	.....

28— FIRE EQUIPMENT

BIDS WANTED

FAIRFAX, Marin Co., Calif.—Until January 8, 8 p.m., bids will be received by the Fairfax City Council, L. A. Grosbauer, City Clerk, for furnishing a new fire engine equipped with either a 500-g.p.m. or 100-g.p.m. capacity pump.

Specifications obtainable from the above office. 28

33— WATER WORKS

CONTRACT AWARDED

SANTA CLARA CO., Cal.—Martin Murphy, 1441 Marin Ave., Berkeley, at $4,490 submitted low bid an was awarded contract by the Santa Clara Board of Supervisors, Frank W. Hogan, Clerk, San Jose, for the construction of a water supply system at the County Almshouse at Milpitas, involving about 1,500 feet of 6-inch cast iron pipe.

Complete total bids follow:

Martin Murphy, Berkeley	$4,490.00
W. J. Tobin, Oakland	4,573.00
F. W. Snook, San Francisco	4,585.00
Underground Const. Co., Berkeley	4,978.00
P. L. Burr, San Francisco	4,985.00
Nash-Engelhardt - Silva Mfg. Co., San Jose	6,122.84

Robert D. Chandler, County Surveyor. •

BIDS WANTED

SACRAMENTO.—Until January 20, 2 p.m., bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, Old Post Office Terminal Bldg., Sacramento, for construction of a 300,000-gallon capacity elevated steel tank at the Sacramento Air Depot, near North Sacramento.

Plans and specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

SACRAMENTO CO., Calif.—Viking Automatic Sprinkler Co., 2715 E. 12th St., Los Angeles, awarded contract by the U. S. Indian Irrigation Service, Los Angeles, at $164.56, f.o.b. Los Angeles, for furnishing 4-in. and 6-in. standard black steel pipe, tees, reducers, gate valves, gaskets, etc., for Wilton Rancheria, Sacramento Co., under Invit. No. 0356. The bids were:

Dallmon Supply Co., $191.74 (using iron body in place of bronze body on gate valve).

Sacramento Pipe Works—$195.19.

Pacific Southwest Pipe Co.—$200.89.

Three identical bids were submitted at $280.61 by: Crane Co., Ducommun Metals and Supply and Walworth Co.

Viking Automatic Sprinkler Co., $164.56 f.o.b. Los Angeles.

All discounts 2%.

BONDS DEFEATED

SOQUEL, Santa Cruz Co., Calif.—A bond issue of $12,000 to supplement a WPA grant of $33,000 was defeated by the Soquel Sanitation District at a special election December 17.

BIDS OPENED

SAN FRANCISCO.—W. J. Tobin, 586 Howard St., San Francisco, at $450.71, submitted low bid to the Public Utilities Commission, City Hall, under S.F.W.D. Spec. No. 129, for laying of a 6-in. cast-iron main in 30th Ave., from Moraga Street southerly.

The work involves:

(1) 440 l.f. excav. and backfill for 6-in. pipe, trench 17 in. wide by 36 in. deep;
(2) 10 c.y. additional excavation and backfill;
(3) 90 sq. ft. additional pavement removal and replacement;
(4) 440 l.f. installing cast-iron bell and spigot pipe;
(5) 1,000 lbs. installing fittings, gate valves, etc.;
(6) 53 l.f. making joints;
(7) 800 sq. ft. repavement.

Total bids follow:

(A) W. J. Tobin, S. F.	$450.71
(B) E. J. Treacy, S. F.	541.05
(C) Martin Murphy, Berkeley	580.40
(D) P. L. Burr, S. F.	606.40
(E) Fay Improvement Co., San Francisco	776.26

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$0.30	$0.45	$0.40	$0.40	$0.55
(2)	.10	1.00	1.00	1.00	3.40
(3)	.30	.30	.28	.35	.45
(4)	.06	.10	.10	.10	.12
(5)	.03	.02	.04	.02	.038
(6)	.27	.25	.40	.30	.32
(7)	.25	.26	.30	.35	.40

N. A. Eckart, Chief Engineer. •

34— PARKS AND PLAYGROUNDS

PLANS PREPARED

BAKERSFIELD, Kern Co., Calif.—City Council has received plans prepared by City Engineer Joe Holfelder for a swimming pool to be constructed in Central Park at an estimated cost of $34,985. The pool would be the first of a projected three-unit system of municipal pools. As planned, it is 120x50 feet and is to be equipped with filtering and chlorinating equipment. A bath house to ccommodate 215 persons will be built of concrete, with tile roof. No action toward construction will be taken until the council decides on a method of financing the improvement.

BIDS WANTED

WHITTIER, Los Angeles Co., Cal.—Until January 12, 1937, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Whittier.

Drawings and specifications may be obtained from the above office and from the Custodian of the Building at Whittier.

NEW BIDS WANTED

RENO, Nevada.—Until January 8, 1937, 10 a.m., new bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Reno.

Specifications may be obtained from the above office and from the Custodian of the building at Reno.

All bids were rejected at previous bid call.

CONTRACT AWARDED

SEBASTOPOL, Sonoma Co., Calif.—Santa Rosa Nursery, 205 Santa Rosa Ave., at $278, awarded contract by Treasury Department, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Sebastopol.

BIDS OPENED

HAYWARD, Alameda Co., Calif.—B. E. Annyx Nursery, Hayward, at $496, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Hayward.

Complete bids follow:

B. E. Annyx Nursery, Hayward	$ 496.00
Holland Nursery, Hayward	620.00
Kurt Schmidt, San Mateo	1,085.50
California Nursery Co., Niles	1,119.50
Walter A. Hoff Landscape Organization, Palo Alto	1,397.00

35— TUNNELS

BIDS OPENED

ALAMEDA-Contra Costa Cos., Cal.—Alta Electric & Mechanical Co., 467 O'Farrell St., San Francisco, at $269-800 submitted the only bid received by the Board of Directors of Joint Highway District No. 13, under Sch. "E", for the completion of ventilation, mechanical and electrical equipment in the Broadway Low Level Tunnel.

Alternate bids were submitted for the segregations as folows:

(1) Ventilation—$95,000.
(2) Mechanical—$65,000.
(3 Electrical—$180,000.

Wallace B. Boggs, chief engineer.

NEW BIDS WANTED

MARIPOSA CO., Calif.—Until January 12, 2 p.m., new bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for the construction of approximately 0.504 mile of tunnel and portal cut, Section A5, Route 3, the Big Oak Flat Road, Yosemite National Park, Mariposa County.

The work involves:

(1) 0.6 A. clearing;
(2) 0.6 A. grubbing;
(3) 2,450 c.y. unclass. excav.;
(4) 168 c.y. do., for structures;
(5) 175 lbs. structural steel;
(6) 621 c.y. Class A cement stone masonry;
(7) 702 c.y. hand laid rock embankment;
(8) 2,167 l.f. tunnel excavation;
(9) 170 l.f. adit excavation;
(10) 180 c.y. chamber excavation;
(11) Timbering (force account).

Shofner & Gordon, 1807 N. Main St., Los Angeles, and Hinman Bros. Constr. Co., New Hotel Rosslyn, Los Angeles, at $392,718, submitted the low bid December 15.

Time for completion of the work has been extended to 325 days.

Plans and specifications obtainable from the above office upon deposit of $10. •

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